RNG Interconnection Guidelines

Black Hills Energy Scott Reising P.E.



Overview

We are a **customer focused**, **growth-oriented utility company** with a tradition of exemplary service and a vision to be the energy partner of choice. Based in Rapid City, South Dakota, the company serves over **1.25 million electric and natural gas utility customers in more than 800 communities** in Arkansas, Colorado, Iowa, Kansas, Montana, Nebraska, South Dakota and Wyoming. The company generates wholesale electricity and produces natural gas, crude oil and coal. Employees partner to produce results that improve our customers' lives with energy.

Utilities

Gas Electric

Arkansas South Dakota

Colorado

Colorado

Iowa

Wyoming*

Kansas

Nebraska

...

Wyoming*

*Utility supplies electric and gas service to Cheyenne, Wyoming and vicinity and gas service to northeast and northwest Wyoming

Non-regulated Energy

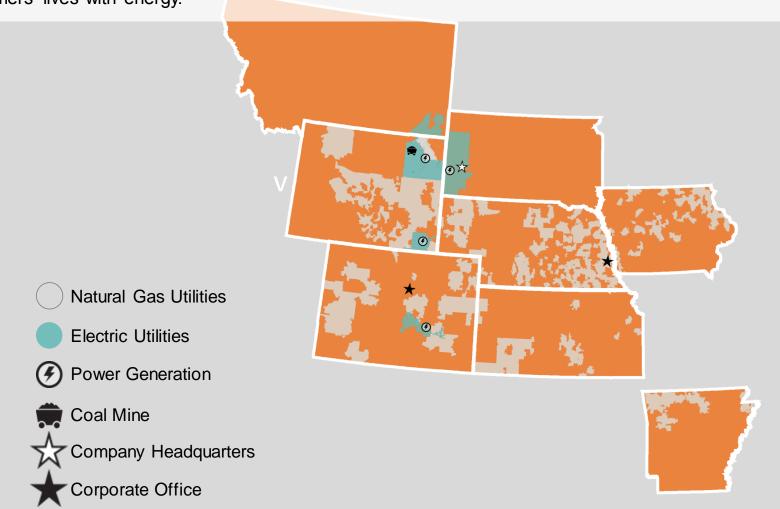
Power Generation

Coal Mining

Black Hills Electric

Generation

Wyodak Resources



BHE's Current Interconnection Process

- Based on the process for a new large volume service
- Contains Technical specifications and agreements

- Currently Under Revision
- BHE recognizes a better process is needed due to the unique nature of RNG and the specific challenges of each project

10/3/2019

Parts of the Interconnection

- Technical information
 - Gas quality specification
 - Gas quality monitoring (tests and procedures)
 - In service/shut in procedures
 - Scope of supply
- Agreements
 - Gas Purchase
 - Transport
 - Facilities

10/3/2019

Goals for a New Process

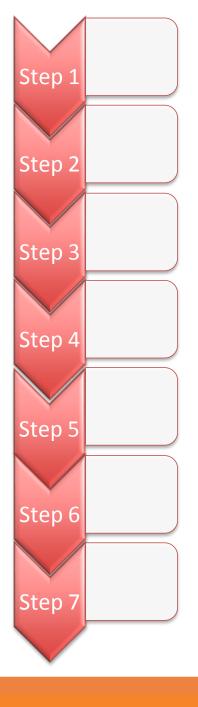
- Build a Roadmap to bring a new interconnection into service
- Set the expectation internally and externally
- Make adjustments for a developing organization
- Incorporate lessons learned and best practices
- Close gaps
- Optimize resources
- Incorporate existing processes
- Improve communications
- Better prepare for long term operation

10/3/2019 5

Step by Step

- Step by step roadmap for BHE and the producer
- Clearly communicate all requirements
- Fully define each step in the process
- Communications plan
- Feedback loop to document lessons learned

10/3/2019 6



Thank you!

Scott Reising, PE
Senior Gas Engineer

Black Hills Energy

(563) 585-4036

Scott.Reising@blackhillscorp.com