

## SOLAR PANEL FARM

**STATE PROGRAM:** Louisiana Department of Environmental Quality

**ASSISTANCE RECIPIENT:** City of West Monroe

**ASSISTANCE AMOUNT:** \$1.5M



### PROJECT DESCRIPTION

The City of West Monroe is located in the central part of Ouachita Parish in Northern Louisiana. With a population of approximately 13,000 people, this City currently owns and operates the Wastewater Re-Use Treatment Plant, which treats wastewater to drinking water standards and reuses it for industrial use to reduce clean water withdrawals from the Sparta Aquifer. To lower the energy costs for the facility, the City installed a solar farm using 880 solar panels installed on the south side of the facility. This was done using approximately \$1.5 million in financing from the CWSRF. The power offset created by the solar panels will reduce the facility's electric consumption by more than 20 percent. These solar panels are both environmentally friendly and financially feasible for the City and with a standard 20-year limited manufacturer's warranty, these savings will carry through for the foreseeable future.

To read more about this case study, please visit [https://www.epa.gov/sites/default/files/2018-11/documents/pisces\\_2018\\_compendium\\_0.pdf](https://www.epa.gov/sites/default/files/2018-11/documents/pisces_2018_compendium_0.pdf).