

Waste Management of Mississippi, Inc. Prairie Bluff Landfill and Recycling Center Landfill Gas to Energy Project

Waste Management's Prairie Bluff Landfill is the State's third municipal solid waste landfill to install and operate a landfill gas to electricity project as part of Tennessee Valley Authority's (TVA) Generation Partners Program. In this project, gas generated by decomposing waste in the landfill is pulled through an underground piping system to an internal combustion engine driven generator set. The gas fires the engine generating power that is purchased and placed on the local power grid by TVA in cooperation with local power provider Natchez Trace Electric Power Association.



This is the second Waste Management facility in Mississippi to incorporate a landfill gas to energy project. These projects are part of the company's commitment to the development of renewable energy. WM Renewable Energy, a wholly owned subsidiary of Waste Management national was recognized as a 2011 LMOP Industry Partner of Year. WM Renewable Energy was recognized for 6 new LFG energy projects and the expansion of 2 existing projects in 2011. The company has 7 additional facilities under construction and provides LFG to 132 projects in 29 states and 2 Canadian provinces.

The dedication and launch of Waste Management's Prairie Bluff Landfill gas to electricity project was held on October 24, 2012. Governor Phil Bryant, state, county and local officials joined with Waste Management, TVA, and the Natchez Trace Electric Power Association for the event which marked the beginning of the production of enough renewable energy to power over 900 homes in Chickasaw County.



The significant environmental benefits of the gas to electricity project are equivalent to the following:

- Over 13,000 passenger vehicles or
- Carbon sequestered by over 14,000 acres of pine or fir forest or
- CO2 emissions from over 7,500,000 gallons of gasoline consumed or
- CO2 emissions from burning over 360 railcars worth of coal.

For more information on the Prairie Bluff Landfill Gas to Energy Project, contact:

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For more information on the TVA Generation Partners Program, visit:

<http://www.tva.com/greenpowerswitch/partners/index.htm>