

Three Rivers Landfill Pontotoc, MS

avus 1200
Biogas

Fast Facts:

Location: Pontotoc, MS

Generating Capacity: 1200 kW

Configuration: Container Module

Extras: Biogas Treatment System,
Siloxane Removal



About the Site:

Like many landfills around the country that are currently flaring off a valuable fuel that could be used to produce energy, this customer decided to select a 2G 1200 avus LFG CHP to turn his free fuel to energy.

This 2G LFG to Energy module is fully equipped with all interconnection switchgear required by the local utility for feeding all 1,200kW/h into the grid.



Application

The amount of electricity produced by this CHP is sufficient enough to power over 1,000 homes in the surrounding area. Along with all the required switchgear that is supplied as a standard component with every 2G package, the customer also selected a comprehensive gas treatment system supplied by 2G Energy, Inc. for the removal of harmful Siloxanes typically found in LFG. This gas treatment consists of a triple vessel AVK 1000 carbon filter and oversized gas dehumidification system to remove all condensate and moisture in the raw LFG before it enters the combustion and energy conversion process.



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