

# Blackfoot Clean Energy Plant

Winslow, Indiana



We are proud to play a role in decreasing greenhouse gas emissions into the environment. This project is just one example of our commitment to finding innovative ways to turn waste into a resource.”

**Richard Burke,**  
President and CEO of Veolia  
Environmental Services N.A.

## Project Background

Energy Systems Group designed and built a power generation facility on site at the Veolia Environmental Services Blackfoot Landfill. Instead of simply allowing gas from the landfill to be burned-off and wasted, Veolia will extract the gas from the landfill and send it via pipeline to the Blackfoot power generation facility. There, the gas will be treated and used as fuel to power the generator for electricity production. The plant has an installed generation capacity of 3.2 Megawatts of power.

- Renewable Energy Resource: Electricity
- Southwestern Indiana’s first “green electricity” project on a commercial scale
- Project employs Caterpillar equipment, which is manufactured in West Lafayette, Ind.
- Projected Life: 20 -25 years
- Landfill Owner: Veolia (VE-NYSE)
- Plant Owner: Vectren Power Supply

## Environmental Benefits

By capturing these landfill gases, Energy Systems Group is helping to provide environmental benefits equivalent to the following:

- Removal of emissions from more than 22,000 cars per year, or
- Planting about 27,000 acres of forest per year, or
- Creating enough energy to power approximately 2,000 homes per year

