

Energy Power Partners | Lycoming County Landfill

Energy Power Partners has two co-located 3.2-megawatt landfill gas-to-energy plants at the Lycoming County Landfill in Montgomery, Pa. The project supports the government’s plan to reduce its environmental impact, improve its energy efficiency, create jobs and control costs.

EPP uses methane gas from the landfill to power four Caterpillar engine generators. The engines can produce approximately 50 million kilowatt-hours per year, enough electricity to power approximately 4,000 homes.

The first plant supplies the majority of electricity needs for the Allenwood Federal Correctional Complex and meets a large portion of the Department of Justice’s national renewable goal.

The second plant supplies most of the electricity and heating needs for Lycoming County’s Resource Management Services.

These plants prevent the equivalent of 34,000 tons of carbon dioxide emissions each year. According to the EPA, the reduction of emissions is equivalent to any one of these annual environmental benefits:

- Removing 6,700 cars from the road.
- Planting 7,300 acres of pine forest.
- Reducing the import of 80,000 barrels of oil.



Location Montgomery, PA

Operational October 2012

Equipment Four Caterpillar 3520 engines

Capacity Two 3.2 MW plants

Input Landfill gas

Output Around the clock, baseload power.
Heat used in county buildings



Energy Power Partners

Clean Power Investments for Tomorrow



Landfill Gas-to-Energy Process

