

PPL Renewable Energy | Colebrook Municipal Landfill

PPL Renewable Energy designed, constructed, owns and operates an 800-kilowatt landfill gas-to-energy plant at the Colebrook Municipal Landfill in Coos County, New Hampshire. PPL is partnering with the Town of Colebrook, which will provide the landfill gas and land for the project.

PPL will use the methane gas that is collected every day to fuel its Caterpillar engine generator. The engine will produce approximately 6.3 million kilowatt-hours per year, enough electricity to power approximately 600 homes.

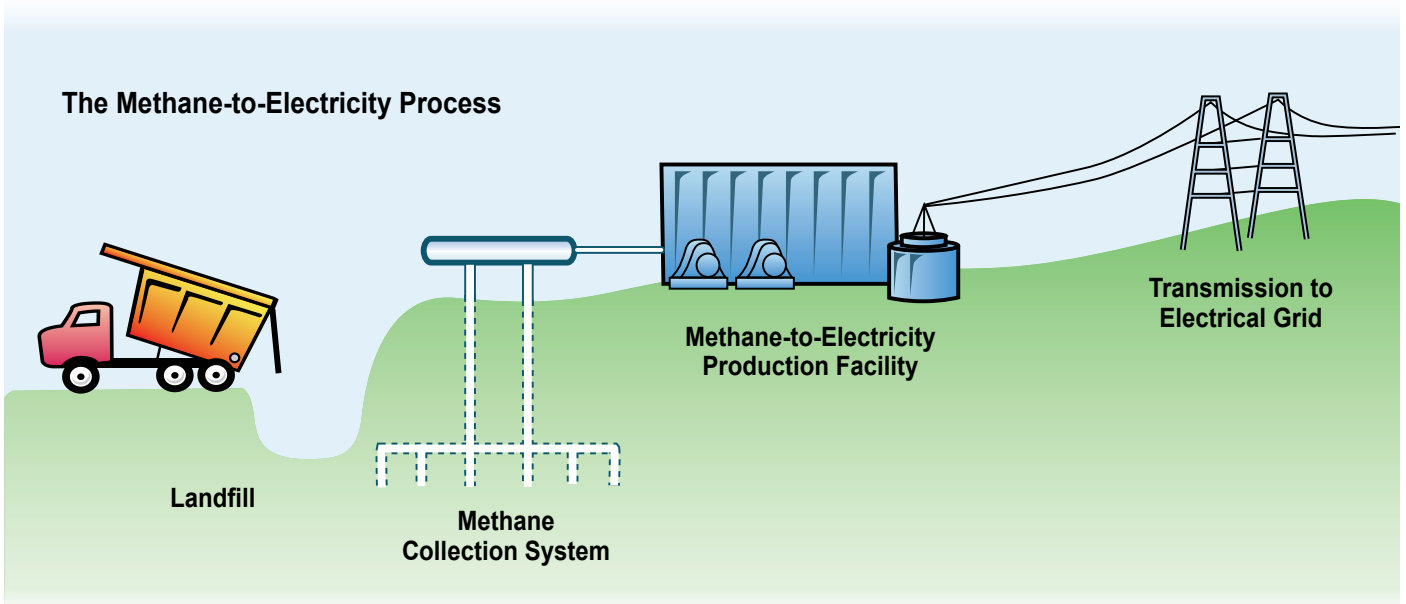
This landfill gas-to-energy plant will reduce annual greenhouse gas emissions by 10 million pounds of carbon dioxide by avoiding the use of fossil fuels.

The reduction of greenhouse gas emissions is equivalent to any one of these annual environmental benefits:

- Removing 800 cars from the road.
- Not consuming 500,000 gallons of gasoline.
- Reducing the import of 10,500 barrels of oil.
- Not using 187,000 propane cylinders for home barbecues.



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| Location: | Colebrook, N.H. |
| Operational: | August 2009 |
| Equipment: | Caterpillar 3516 engine |
| Capacity: | 800 KW |
| Input: | Landfill methane gas |
| Output: | Around the clock, base load power |



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