



Wood Road Renewable Natural Gas Facility

EDL is the owner and operator of the Wood Road Renewable Natural Gas (RNG) Facility in Lansing, MI. The facility converts waste gases from landfill into approximately 870,000 mmBtu of pipeline-quality RNG each year, which displaces about 4.5 million gallons of diesel when used in transport.

At a glance

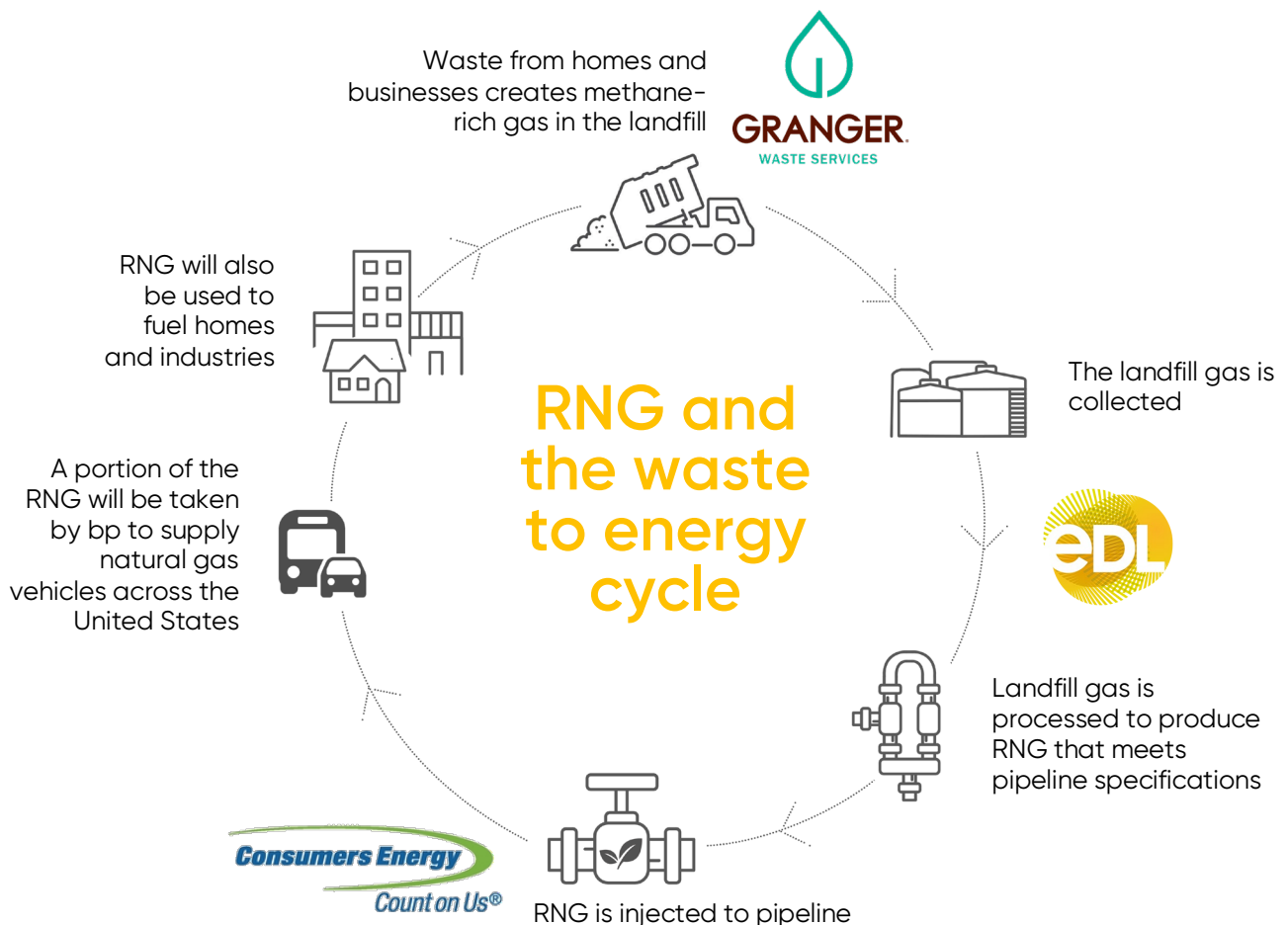
Facility
Wood Road RNG Facility

Input fuel
Landfill gas

Output fuel
Renewable natural gas

Production
~870,000 mmBtu/year

Start of operations
2021



About renewable natural gas (RNG)

Waste gases from landfill include methane, which can be processed and converted into RNG.

RNG can be injected into pipelines to replace natural gas or used as a low carbon transport fuel.

About the RNG facility

Commissioned in late 2021, the Wood Road Renewable Natural Gas (RNG) Facility is the first of its kind in Lansing, Michigan. EDL, Granger Waste Services, Consumers Energy and bp are working together to provide RNG created from local landfill waste.

The RNG facility will extract and convert around 19,000 tons of methane from landfill gas per year from Granger Water Services' Wood Street Landfill into approximately 870,000 mmBtu/year of pipeline quality RNG. Using this RNG instead of natural gas displaces about 29,000 tCO_{2-e} per year that would have otherwise resulted from combusting comparable fossil fuels.

The RNG produced at the Wood Road RNG Facility will be added to Consumers Energy's existing pipeline network for delivery to end users. A portion will be taken by bp to supply natural gas-powered vehicles across the United States. The RNG will also be delivered for residential, commercial, and industrial use in North America.



EDL's Wood Road RNG Facility will produce 870,000 mmBtu of pipeline-quality RNG each year



RNG will be created from waste gases from Granger Waste Services' Wood Street Landfill



EDL's Wood Road RNG Facility

EDL owns and operates a global portfolio of RNG facilities and power stations in North America, Australia and Europe.

We are committed to energy diversity and providing innovative, sustainable solutions.



Renewable natural gas



Landfill gas



Renewables



LNG/CNG



Remote energy



Waste coal mine gas