



Indy High BTU Renewable Natural Gas Plant

EDL is the operational partner of the Indy High BTU Renewable Natural Gas Plant in Indiana, as part of a joint venture with Kinetrex Energy and South Side Landfill. The plant converts landfill gas into 680,000 mmBtu of pipeline-quality RNG each year, which when used in transport, displaces about 8 million gallons of diesel.

At a glance

Project name
Indy High BTU RNG Plant

Location
Indianapolis, Indiana, USA

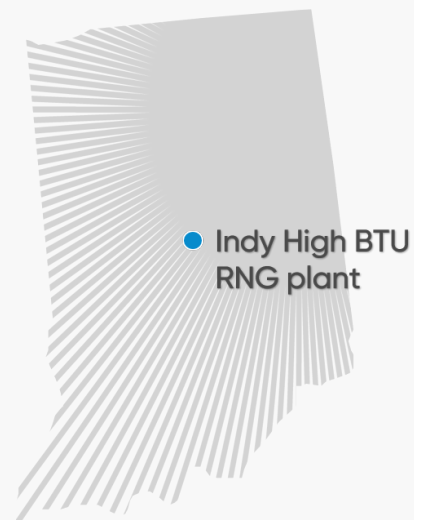
Input fuel
Landfill gas

Output fuel
Renewable natural gas

Start of operations
2020



The renewable natural gas energy cycle



About the RNG plant

Commissioned in 2020, Indy High BTU is the largest RNG plant in Indiana, USA. The plant converts landfill gas from the South Side Landfill into 680,000 mmBtu of pipeline-quality RNG each year, which when used in transport, displaces about 8 million gallons of diesel.

The decomposition of organic landfill material creates methane, a potent greenhouse gas if released into the atmosphere. According to the US Environmental Protection Agency, methane is 28 times stronger than carbon dioxide.

Indy High BTU supplies Kinetrex Energy with RNG, which Kinetrex turns into liquefied natural gas (LNG) and sells to Midwest transportation fleets. Kinetrex has a six-year agreement with global shipping company UPS to supply them with up to 52.5 million gallons of LNG for their LNG-powered fleets in Chicago, Toledo, Columbus, St. Louis and Indianapolis.

LNG engines have 90% lower emissions than the cleanest diesel.



Air Liquide carbon dioxide removal system



Guild Associates nitrogen removal system



Indy High BTU RNG plant

EDL owns and operates a global portfolio of 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

A world of new energy

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