



# 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 renewable natural gas (RNG) plant converts landfill gas into approximately 8 million gallons of pipeline-quality RNG each year.

## At a glance

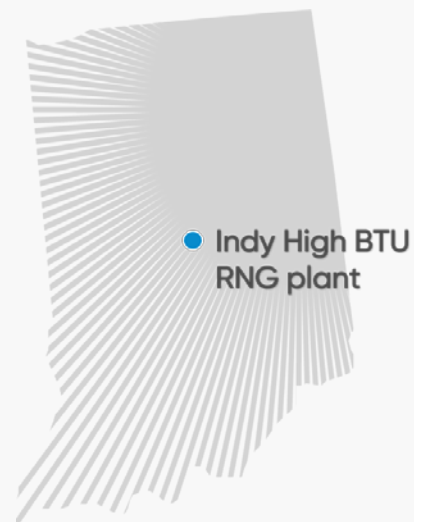
**Project name**  
Indy High BTU RNG Plant

**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 approximately 8 million gallons of pipeline-quality renewable natural gas each year, reducing greenhouse gas air emissions and lowering fuel costs.

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.

The plant's impact in reducing greenhouse gas emissions is equivalent to removing up to 19,000 passenger cars from the road each year. Indy High BTU will reduce methane emissions by approximately 17,000 tons per year, and carbon dioxide emissions by approximately 41,000 tons per year.

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**