

# Edgecombe County Landfill Tarboro, NC, USA

2 x patruus 370  
Biogas

## Fast Facts:

**Location:** Tarboro, NC, USA

**Generating Capacity:** 740 kW

**Configuration:** Container Module

**Extras:** Biogas Treatment System

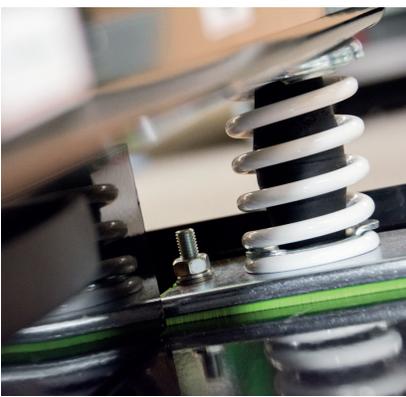


## About the Site:

The North Carolina Department of Environment and Natural Resources NCDENR initiated a Landfill Gas to Energy Project located at Edgecombe County in Northern North Carolina. The Edgecombe County Solid Waste Department situated in Tarboro selected a third party engineering company for this project. Landfill Gas (LFG) is used for on-site power generation and all electricity produced will be fed into the local utility grid. This project is also part of the EPA LMOP program, designed to reduce methane emissions from landfills by encouraging development of cost-effective and environmentally sound LFG energy projects.

## Application

The two energy conversion modules each consist of a 2G patruus 370 module with 370 ekW/h - total 740 ekW/h or 6,142 MW p.a. electrical power and 948 kWh/th Thermal Power. The units are containerized in 30' sound attenuated modules and generate electricity power with the option to utilize the thermal energy as well. 2G Energy Inc. also supplied the complete gas treatment, including cooler, dryer / dehumidification, and the Siloxane removal system. All controls and switchgear, including utility interconnection are also provided by 2G Energy.



2G Energy Inc.  
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