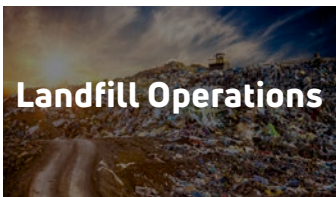




Comprehensive Renewable Natural Gas Plants

TURNING DIRTY GAS INTO CLEAN, GREEN, RENEWABLE NATURAL GAS



Landfill Operations



Wastewater Treatment Plants



Compression Skids



Agricultural & Food Waste

Single-Source Supplier of Complete RNG Plants

The process of converting raw biogas or landfill gas into clean, green, renewable natural gas is complex. Each component needs to be handled and treated differently with operating processes that remove impurities. Stark Tech's integrated Renewable Natural Gas solutions do just that.

We deliver scalable, turnkey RNG plants that handle and treat the most common and most difficult components, creating renewable natural gas that meets the highest pipeline quality standards.

OUR SOLUTIONS INCLUDE

- ▲ High Methane Recovery
- ▲ High Nitrogen Removal
- ▲ Higher Turn Down & Operational Flexibility





RNG Equipment Solutions

Stark Tech is a turnkey solutions provider of energy applications. Our clean-tech renewable natural gas equipment solutions deliver total optimization across organizations through customized comprehensive technology packages and application engineering support with lifecycle services.

Biogas Dehydration	Essential pre-treatment process for feedstock RNG due to significant levels of moisture content.
Biogas - Desulfurization	Use of activated carbon as desulfurization media.
Blower	Regulates landfill pressure & pressurizes gas for preliminary conditioning.
DeOxo	Removes all oxygen and moisture to ppm levels.
Feed Gas Compressor	Increases pressure for downstream processes.
Feed Gas Dehydration	Reduces moisture for compressor & downstream processes.
Membrane System	Removes all carbon dioxide.
Nitrogen Rejection	Vacuum pressure swing adsorption.
NMOC & Siloxanes Removal	Reduces VOCs and Siloxane.
RTO	Controls the release of hazardous waste streams to the atmosphere.
Sales Gas Compressor	Raises the pressure of RNG to required gas line pressures.

Turnkey. Design. Build.

Stark Tech offers design, implementation and commissioning services. In addition, our service plans are designed to help:

- ▲ Improve Performance & Uptime
- ▲ Optimize Energy Usage with Minimum Consumables
- ▲ Custom Site Design & Equipment Optimization



No matter the application size, Stark Tech's solutions handle each component with treatment processes that remove impurities, including removal of H₂, NMOCs, H₂O, VOCs, S₂, CO₂, N₂, and O₂.