Natural Gas Sustainability Solutions

Analytics, online platforms and sustainability are among the top trends influencing the energy industry today. More businesses are looking to decarbonize their energy supply and implement sustainable operations and supply chains, while also analyzing the data supporting their sustainability efforts. With a strategic approach to natural gas procurement, you can build a customized plan to understand your operational footprint and achieve long-term sustainability goals.

Are you a large consumer of natural gas? If you burn natural gas in a boiler to heat a building or for process load, or as a transportation fuel in natural gas vehicles, renewable energy can be an important tool to reduce greenhouse gas (GHG) emissions and/or reduce your carbon footprint. Two solutions Constellation offers to help achieve your sustainability goals are **Renewable Natural Gas (RNG)** and **Carbon Offsets**.

Renewable Natural Gas (RNG)

RNG is pipeline-quality natural gas derived from the decomposition of organic matter, also known as biogas. Raw biogas comes from various sources including landfills, wastewater treatment plants, and agricultural waste digesters. Once processed to remove impurities, the RNG is injected into the interstate pipeline to be used like standard natural gas. The environmental attributes associated with this RNG, which include reduced carbon emissions as compared to non-renewable natural gas, can be paired with a customer's natural gas consumption to allow the customer to make renewal energy claims associated with natural gas use. Your purchase of RNG attributes may also reduce your Scope 1 carbon emissions. Specific sustainability claims and emission reduction levels will depend upon the manner in which you are using natural gas and your chosen GHG emission reporting standards.

Program Benefits

- Renewable energy claims for natural gas end-use paired with RNG production
- Achieve sustainability and decarbonization goals and reduce Scope 1 emissions
- No facility/equipment modifications required
- Economic benefits including Renewable Energy Certificates (RECs) for RNG paired with natural gas power generation and Renewable Fuel credits (Renewable Identification Numbers and Low Carbon Fuel Standard Credits) for RNG paired to natural gas vehicle consumption

RNG



GAS CONSUMPTION



MATCH WITH





REDUCED SCOPE 1



Carbon Offsets for Natural Gas Consumption

A carbon offset is a verified reduction of carbon dioxide emissions that can be used to offset Scope 1 or Scope 3 GHG emissions which include emissions from on-site fuel consumption, company travel, or supply chain activities. With this solution, you can offset carbon emissions from natural gas consumption and other business activities by purchasing carbon offsets from Constellation. Purchasing carbon offsets is a lower-cost option that helps you achieve decarbonization goals and can be separately recorded as an offset on sustainability reporting.

Program Benefits

- Low-cost alternative allowing businesses to offset emissions
- Allows businesses to offset emissions made elsewhere beyond their own operations, such as company travel and supply chains
- · No facility/equipment modifications required
- · Help fund project that generates reduction in carbon emissions

CARBON OFFSETS



Renewable Natural Gas



Constellation is a leading competitive retail supplier of power, natural gas and energy products and services for homes and businesses across the continental United States. Constellation's family of retail businesses serves approximately 2 million residential, public sector and business customers, including more than three-fourths of the Fortune 100. Baltimore-based Constellation is a subsidiary of Exelon Corporation (NASDAQ: EXC), the nation's leading competitive energy provider, with 2019 revenues of approximately \$34 billion, and more than 31,000 megawatts of owned capacity comprising one of the nation's cleanest and lowest-cost power generation fleets.

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