

Carbon Offsets

As more businesses look to decarbonize their energy supply and reduce their carbon footprint, buying carbon offsets may be part of their strategy. Constellation can help you achieve long-term sustainability goals by seamlessly integrating carbon offsets into your natural gas procurement strategy.

A carbon offset is a verified reduction of carbon dioxide emissions that can be used to offset Scope 1, Scope 2, or Scope 3 greenhouse gas (GHG) emissions, which include emissions from on-site fuel and thermal consumption, company travel, or supply chain activities. Carbon offsets are a low-cost option that can help support decarbonization goals and can be separately recorded as an offset on sustainability reporting.

Constellation offers carbon offsets from reputable projects that have been verified through independent registries. These projects support local communities across the United States.

Program Benefits

- Low-cost alternative allowing businesses to offset emissions
- Offset emissions made elsewhere beyond your own operations, such as company travel and supply chains
- Facility/equipment modifications not required
- Fund projects that reduce emissions

Types of Offsets

Constellation currently supplies carbon offsets from two project-type pools: **National and Forestry**. The nationally diversified pool of offsets includes a range of project types, such as carbon capture and sequestration, energy efficiency and renewable energy generation. The forestry pool covers projects that seek to grow, improve the management of, or preserve forestry.

CARBON OFFSETS



GAS
CONSUMPTION



BUY
OFFSETS



REPORT OFFSETS TO
SCOPE 1, 2 AND 3 CO₂ EMISSIONS

Sample Project Types:



Landfill Gas Capture

The collection and capture of landfill gas reduces the amount of methane emissions going into the atmosphere and helps reduce odors and other hazards associated with landfill gas emissions. Additionally, captured methane results in cleaner water and air and converts waste into renewable energy.



Renewable Energy

Renewable energy projects involve energy sources such as wind and solar, which are naturally and continuously replenished by the earth. These projects qualify as carbon offsets when their output results in a reduction of greenhouse gases beyond what would have existed in the absence of the project. Please note that a purchase of a carbon offset produced by a renewable energy project does not allow the customer to claim the purchase of renewable energy.



Forestry

Forestry is the science and practice of establishing, managing, using, and conserving forests, trees, and associated resources in a sustainable manner. Forestry carbon offset projects may involve initiatives such as reducing harvesting impacts on forests or increasing the diversity of natural forest communities. Additional benefits include providing critical habitats for rare species and recreational use of forestry properties.

Source:

1. www.epa.gov, www.usda.gov/topics/forestry