

REDUCING EMISSIONS WITH RENEWABLE NATURAL GAS

As one of the largest energy infrastructure companies in North America, we recognize that the consumption of energy contributes to greenhouse gas emissions. We are actively making enhancements to our business practices and operations to reduce our emissions footprint.

Access to reliable, affordable energy is critical to improve lives around the world. We are committed to providing energy transportation and storage services in a safe, efficient, and environmentally responsible manner for the benefit of people, communities and businesses we serve. We are proud to be part of the effort to reduce greenhouse gas emissions by delivering products like renewable natural gas (RNG).

WHAT IS RNG?

- Renewable natural gas (RNG) is a pipeline compatible gaseous fuel derived from methane gathered from biogenic or other renewable sources (dairy farms, wastewater treatment plants and landfills).
- This gas must be treated and cleaned to raise it to the standard where it can be injected into existing natural gas pipelines.
- This form of natural gas combines low-to negative life-cycle carbon emissions with the high-energy density, storage capability and transportability of natural gas.

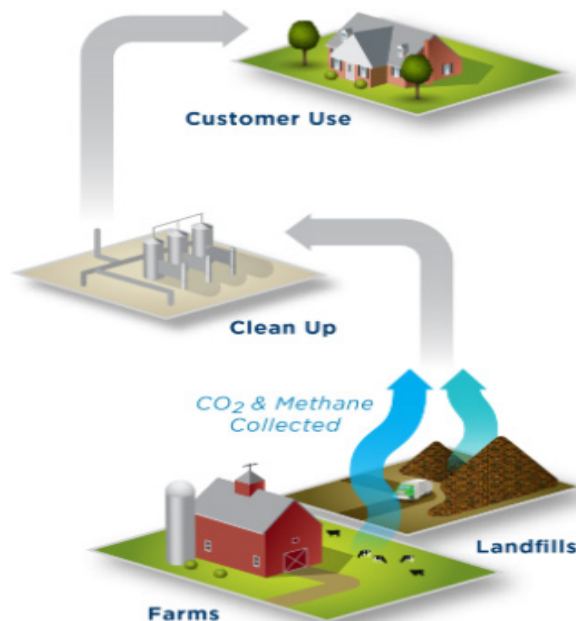
WHY KINDER MORGAN

We believe that fuels with a lower-carbon lifecycle, like RNG, are part of the solution to reduce greenhouse gas emissions worldwide. With our approximately 70,000 miles of natural gas pipeline systems that transport roughly 40% of the natural gas consumed and exported in the United States, we are uniquely positioned to transport RNG from coast-to-coast without making enhancements to our existing natural gas pipeline network.

WHAT WE ARE DOING

In the U.S., approximately 395 million cubic feet per day (MMscfd) of RNG was produced in 2022, which accounted for less than 0.1% of its natural gas supply for the year. Between landfills, dairy farms, swine farms and other RNG sources, WoodMac forecasts that RNG has the potential to scale up to 3.6 billion cubic feet per day (Bcfd) in the U.S. by 2050, which equates to about 3.69% of the 2022 U.S. natural gas supply.

Today, Kinder Morgan is connected to 10 RNG sites on its El Paso Natural Gas (EPNG), Tennessee Gas Pipeline (TGP), Colorado Interstate Gas (CIG), Southern Natural Gas (SNG) and Natural Gas Pipeline of American (NGPL) pipeline systems. These locations are capable of moving 36 MMcfd of RNG which could have accounted for nearly 9% of the market share in 2022. We are continuing to evaluate additional opportunities to increase our capabilities to deliver RNG and currently have three additional RNG interconnections under construction that we expect to place in service throughout 2023.



Source: American Gas Association