



Benefits of Renewable Natural Gas for Communities

Every community in America produces waste. Renewable Natural Gas (RNG) is an innovative solution for turning that waste into clean, affordable and reliable fuel.

While some families have the resources to leverage clean energy sources such as solar panels, others are unable to afford significant infrastructure changes to their homes and utilities.

RNG provides a solution. As a true drop-in fuel, RNG doesn't require updates to existing appliances, equipment or infrastructure. Instead, RNG can easily make-use of current natural gas systems and provide residents with a renewable source of fuel, heat and power.



WHAT IS RNG?

As waste breaks down, it emits methane – a potent greenhouse gas. RNG projects capture this methane from food waste, animal manure, wastewater sludge and garbage, redirecting it away from the environment and removing harmful contaminants from the atmosphere.

By converting the captured bio-methane into a renewable fuel that looks and acts like natural gas, RNG provides a practical, cost-efficient and replicable solution that turns waste into clean energy for our homes and businesses while simultaneously creating cleaner air for local communities by reducing smog and air pollution.

HOW DOES RNG HELP YOUR COMMUNITY?



Clean Energy. RNG is an important part of the clean energy solution. Hand-in-hand with other green energy sources, RNG can help to reduce carbon emissions, smog and air pollution at the local level. By being accessible to residents and small businesses, RNG has the potential to benefit local air quality in cities around the country and the world.



Reliability. As climate change increasingly leads to natural disasters and events that result in power outages or rolling blackouts, the benefits of RNG become even more critical. RNG is a storable, reliable energy source that, in addition to being used as a primary fuel source, can be relied upon when other sources of fuel are inaccessible. Especially for those living in rural areas, RNG helps to diversify local energy options, ensuring people always have access to clean power.



Affordability. The cost of RNG is comparable to other energy sources and doesn't require changes to the average home's infrastructure. By switching to RNG, individual households can reduce their carbon footprint without significant lifestyle changes.