



Benefits of Renewable Natural Gas for Farmers

Renewable Natural Gas (RNG) is uniquely beneficial to farmers.

Not only does RNG provide farmers with the opportunity to create their own clean source of energy while simultaneously capturing a dangerous greenhouse gas, but it also makes a historically burdensome byproduct of their work valuable: waste.

Waste is a natural part of the agricultural process – whether it's food waste, crop residue or animal manure – farmers have to manage and dispose of waste on a regular basis.

Through RNG production, this waste is turned into renewable energy while also yielding valuable byproducts like effective fertilizer or animal bedding. The direct-use or sale of these recycled items, and of the energy itself, can have significant financial benefits for farmers.

Moreover, as climate change increasingly impacts crops and livestock, RNG provides farmers with a financial buffer and a reliable source of clean energy that can be used if a natural disaster or event has downed other sources of 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.

