



WHAT IS RENEWABLE NATURAL GAS (RNG)?

Renewable Natural Gas (RNG) is a proven, commercial, ultra-low or no-carbon energy option.

RNG is derived from biomass or other renewable resources, and is a pipeline-quality gas that is fully interchangeable with conventional natural gas. As RNG is a “drop-in” replacement for natural gas, it can be safely employed in any end-use typically fueled by natural gas, including heating and cooling, industrial applications, electricity production, and for transportation fuel. Today, 50 tBtu per year of RNG from landfills, dairy digesters and water resource recovery facilities (WRRFs) is injected into U.S. pipelines, with production growing every year.

**RNG CAN BE
CARBON-NEUTRAL OR
CARBON-NEGATIVE**

HOW MUCH RNG IS AVAILABLE?

Estimated Annual National RNG Production Potential (tBtu/y), “Achievable” Scenario, by 2040

(Source: ICF RNG Study)



Landfill Gas
866 tBtu/y



Farm Waste
462 tBtu/y



Waste Water
34 tBtu/y



Food Waste
64 tBtu/y



Ag Residue
641 tBtu/y



Forest Residue
236 tBtu/y



Energy Crops
838 tBtu/y



Municipal Waste
695 tBtu/y



How is RNG Produced?

