



What are the benefits of RNG for the greater Washington DC metropolitan area?

The development of RNG resources can provide significant environmental and economic benefits.

ENVIRONMENTAL BENEFITS

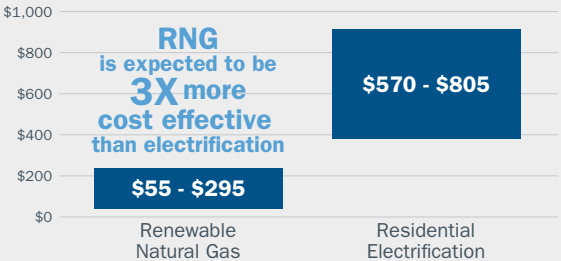
- ① RNG is a carbon-neutral energy solution
- ② RNG can be carbon-negative
- ③ Lowers methane emissions at the source
- ④ Diverts organic material from landfills
- ⑤ Reduces pollution and improves air quality

ECONOMIC BENEFITS

- ① Uses existing natural gas distribution system
- ② Adds permanent jobs to local workforce
- ③ Lowers waste treatment costs
- ④ Contributes to energy independence
- ⑤ Diversifies rural and regional income streams

COST COMPARISON OF EMISSION REDUCTION MEASURES

Carbon Abatement Cost \$/tCO₂e (ICF Study Feb 2020)



RNG currently costs more than fossil natural gas, but as volumes increase and the market evolves to long-term, fixed-price contracts, costs are expected to decline.

Regarding GHG emissions, the best comparison for RNG is to other abatement measures that are viewed as long-term options for emission reductions. In this context, RNG is competitive.