LMOP Special Session 1: Panel Discussion – What's Next for RNG?

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Welcome and Agenda

Three sessions today:

1. What's Next for RNG?

- Kenzie Schwartz, National Grid
- David Mauney, The Hunter Group
- Luke Morrow, Morrow Renewables



- 2. LMOP Update and Technical Presentations
 - Kirsten Cappel, U.S. EPA LMOP
 - Amanda Singleton, ERG (Contractor to U.S. EPA LMOP)
 - Elizabeth Connelly, U.S. Department of Energy
- 3. Materials Management and Effects on LFG Generation
 - Swarupa Ganguli, U.S. EPA
 - Daryl O'Dell, Tetra Tech



Consolidated RNG Webpage (NEW)

https://www.epa.gov/lmop



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Frequent Questions about Landfill Gas

Renewable Natural Gas

On this page:

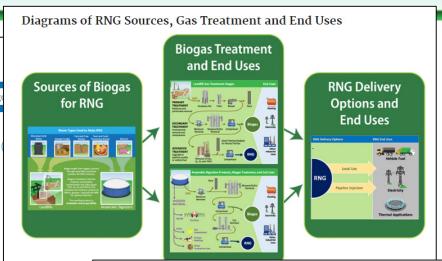
- Basic Information about Renewable Natural Gas (RNG)
- RNG Project Map
- Benefits
- Resources
- More Information on RNG

Basic Information about RNG

Renewable natural gas (RNG)* is a term used to describe biogas that has been upgraded for use in place of fossil natural gas. The biogas used to produce RNG comes from a variety of sources, including municipal solid waste landfills, digesters at water resource recovery facilities (wastewater treatment plants), livestock farms, food production facilities and organic waste management operations.

As a substitute for natural gas, RNG has many end uses:

- in thermal applications,
- · to generate electricity,
- for vehicle fuel or
- · as a bio-product feedstock.



RNG Project Map

Biogas from a variety of sources is being upgraded into RNG across the United States. This map shows operational RNG projects in the United States where the biogas is generated from landfills or livestock waste anaerobic digesters.



EPA Voluntary Programs Involved in RNG



Encourages the recovery and beneficial use of biogas generated from organic municipal solid waste.



Encourages oil and natural gas companies to adopt cost-effective technologies and processes that improve operational efficiencies and reduce methane emissions.



Promotes the use of biogas recovery systems to reduce methane emissions from livestock waste.