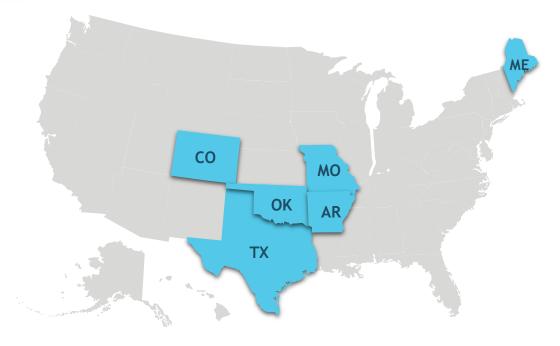






Peaks is a subsidiary of

Summit Utilities — the 5th
largest gas-only natural gas
utility in the country —
developing clean thermal
energy projects in and
outside of Summit's service
territory



1,300+
Strong Team

450+

Communities Served 630k

Customers

22,500

Miles of T&D Main Line

<u>Purpose</u>

We are a long-term owner-operator of deep decarbonization assets,

and a development company specializing in low carbon energy. Our goal is to help communities, utilities, homeowners, and industries reduce emissions, create economic growth and deliver clean, safe, reliable, and affordable energy.

Renewable Natural Gas	Hydrogen
Agricultural/food waste	Pipeline blending
Landfill gas	Industrial use
Wastewater	Synthetic fuels



The gas pipeline system has already created significant emissions savings for customers

22%

Lower emissions in homes heated with natural gas vs all electric

2

Homes with solar needed to match single home conversion to gas from oil in Maine -50%

Pursuing cross sector strategy reaches decarbonization at **30-50**% less cost to ratepayers

And can continue to decarbonize our energy system going forward . . .

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Electrons

Renewables (10X)

Fossil

One Half of Home Energy

Other Half

Curtailment (2 TW)

Non-Transmission Alternative

Emissions

RNG Can Be Carbon Negative (16%)

Limited Storage

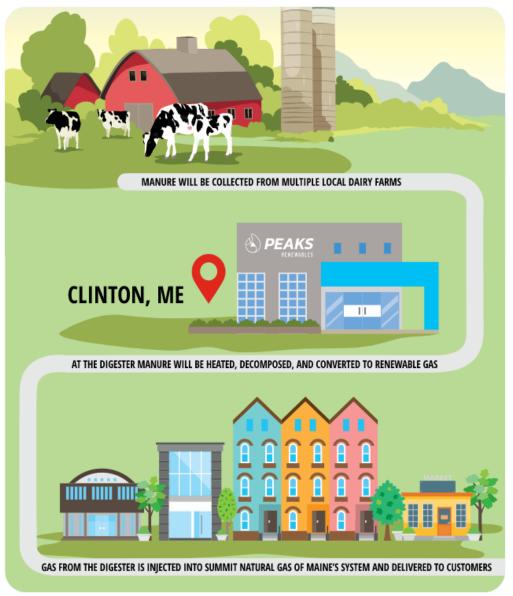
Vast - World's Biggest Battery (2)

Molecules

Decarbonization plus resiliency, reliability and affordability require complimentary systems.

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RNG



Our \$25m dairy digester project in Clinton, ME uses manure from six family dairy farms to produce:

- 130k MMBtu of carbon-negative gas
 - Local production for system
 - 28,000 tons of CO2e removed annually, attributes sold to credit buyers
- Bedding for dairy cows
- Effluent to be used as fertilizer
- Six full time jobs



<u>Hydrogen</u>

- Awarded funds from the US DOE to develop the nation's first on-system biomethane pilot at our dairy digester in Clinton.
- Project will combine CO2 from raw biogas and H2 to create biomethane
- Demonstrate new gas upgrading technology, with improved system efficiency and cost.



System testing at NREL in Golden, CO



 $CH_4 + 2 H_2O + Heat$

Grant Consortium Partners











THANK YOU

Angus King
President, Peaks Renewables
peaksrenewables.com