



Goodrich Farm, Salisbury, Vermont Farm Powered® Anaerobic Digester



Middlebury College continues to pursue its goal of using 100 percent renewable energy sources thanks to an innovative partnership with Goodrich Family Farm in Salisbury, Vermont, Vanguard Renewables of Wellesley, Massachusetts, and VGS. Vanguard Renewables constructed, owns, and operates a Farm Powered Anaerobic Digestion facility at Goodrich Family Farm that combines cow manure and food and beverage waste to produce Renewable Natural Gas (RNG). Middlebury will purchase the bulk of the RNG as part of its Energy 2028, a plan that includes a 10-year commitment to shift completely to renewable energy to power its central campus.

Goodrich Farm Facts

- Generational Vermont dairy farm
- Located in Salisbury, Vermont
- Owned and operated by the Goodrich family
- 900 milking cows on site
- 1750 acres of hay
- 650 acres of corn

Utility

- VGS

Project Inputs: Feedstock

- Dairy Manure
- Recycled Organics

Project Output

- Renewable Natural Gas

Farm Benefits

- Annual lease payment
- Liquid low-carbon fertilizer increases crop yields, reduces synthetic fertilizer use
- Animal bedding
- Phosphorus reduction to protect sensitive watershed area
- Reduced GHG emissions

“We are constantly looking for ways to diversify our energy sources and make them sustainable. The anaerobic digester project at Goodrich Farm is key to achieving our goal of relying solely on renewable energy.”

– David Provost, executive vice president finance and administration, Middlebury College

Beyond the Farm Powered RNG produced by the digester, Goodrich Farm receives low-carbon, liquid fertilizer that will reduce the farm’s reliance on chemical fertilizers and an annual lease payment for hosting the anaerobic digester facility. The Goodrich Family Farm is a generational dairy farm with 900 milking cows. The farm is a member of the Agri-Mark Cabot Creamery Cooperative.

