

VGS RNG Portfolio

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Homegrown Energy™

Have you figured out the right
Renewable Natural Gas mix for you?

VGS Sign up.

VGS Climate Goals and Strategies

VGS is focused on aligning with the GWSA goal of 40% GHG Reduction by 2030

Key Strategies:

- **Increase Weatherization and Efficiency Investments:**
 - Expanded Rebates
 - Expanding Partnerships
- **In Home/Business Innovations**
 - Hybrid Heating
 - Support Strategic/Beneficial Electrification
 - Carbon Capture Pilot
- **Low Carbon/Alternative Supply**
 - Renewable Natural Gas
 - Green Hydrogen
 - Utility Geothermal
 - District Energy Systems



Renewable Natural Gas

- VGS was the first Gas Utility in the U.S. to offer a voluntary RNG program (2018)
- VGS has authority to blend an additional 2% RNG each year in our base gas supply
- VGS has several RNG contracts with escalating options to increase RNG to 14% of our supply
- VGS Goal is 20% RNG by 2030 (GHG Reductions from RNG)
- VGS has several other RNG projects under development
- Benefits of RNG, drop in fuel, carbon neutral and even negative with farm projects
- Farm and Muni Wastewater RNG Projects have many direct and indirect benefits



VGS RNG Contracts

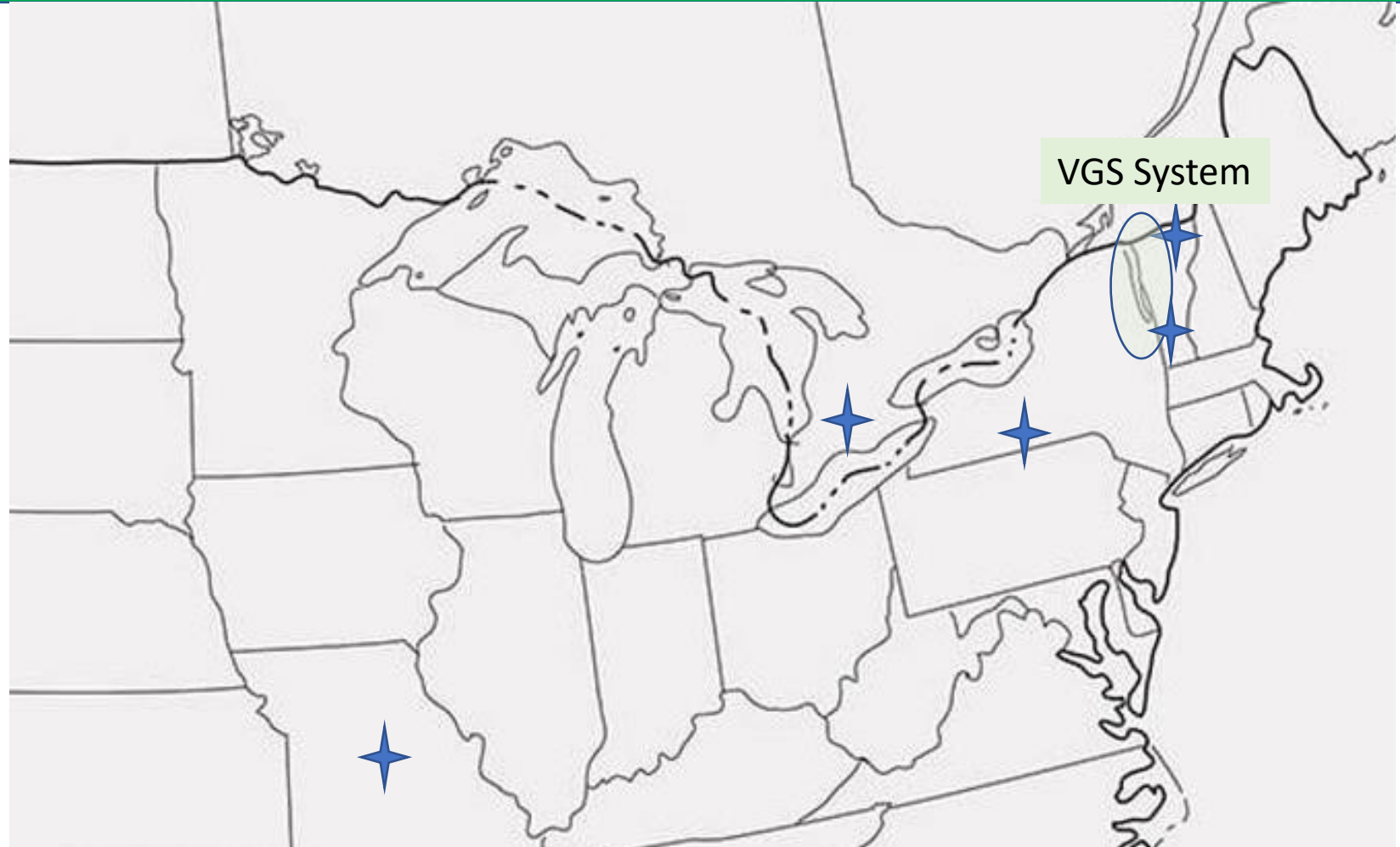
Goodrich Farm, VT-Farm/Food Waste

Dubuque, IW-Wastewater Plant

Seneca, NY-Landfill

London, OT-Industrial Food Waste

Bellevue Farm, VT-Farm Waste (2024)



VGS System

Goodrich Farm RNG Project

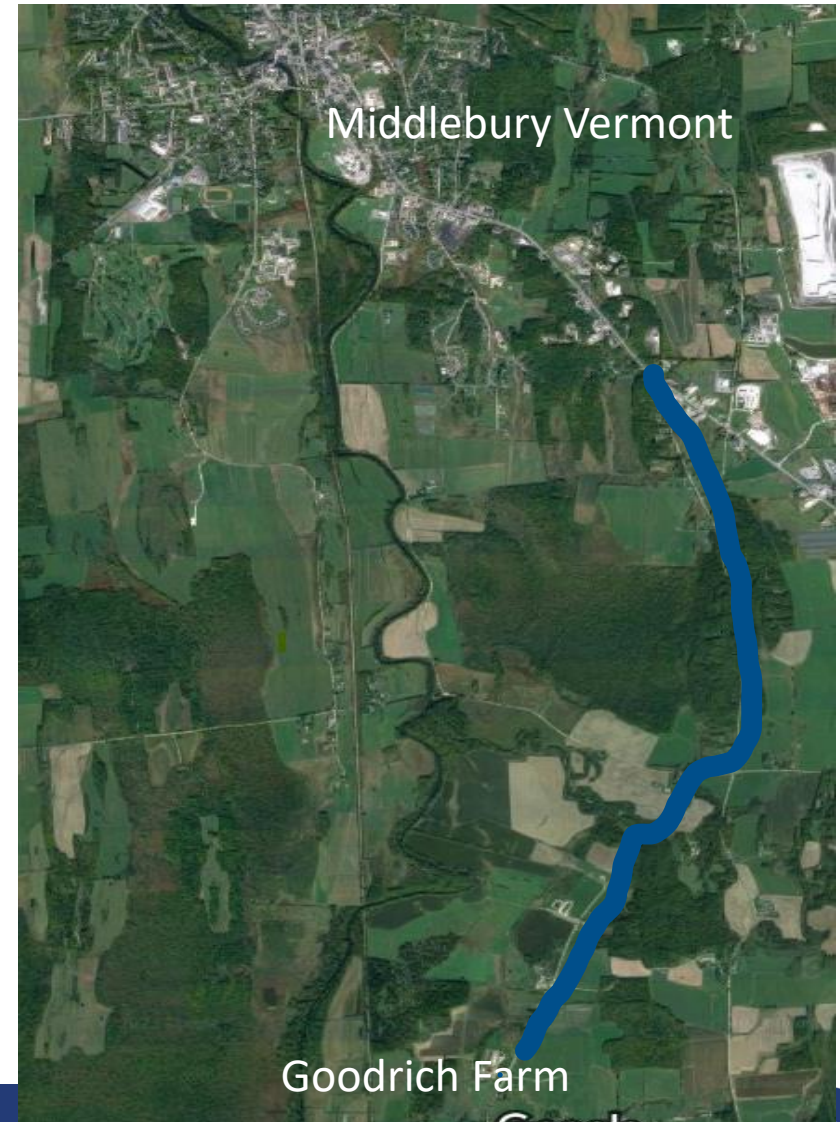
Location: Goodrich Farm near Middlebury VT

Who: Goodrich Family Farm, Middlebury College and Vanguard Renewables

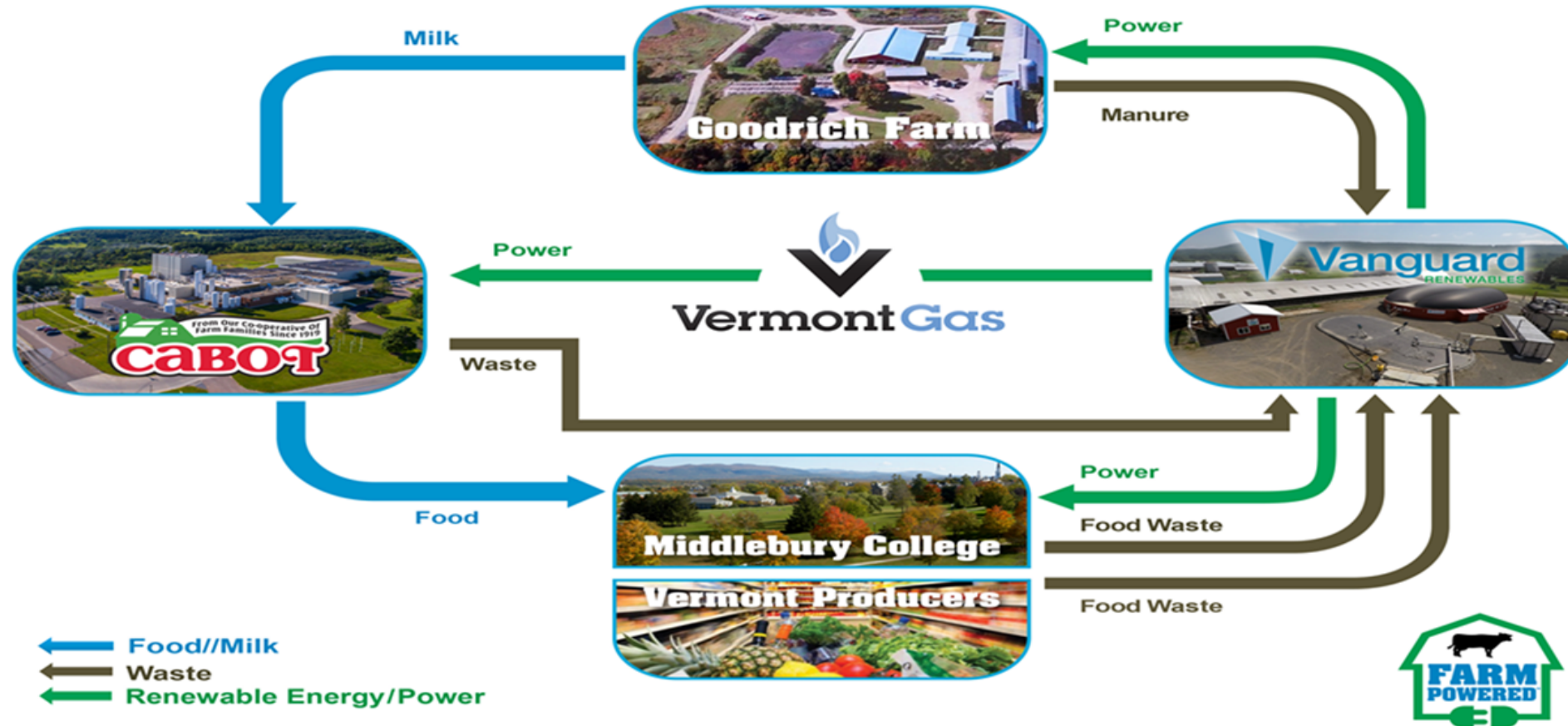
What: ~180,000 Mmbtu/yr of RNG

Status: Online since 2021

<https://www.vanguardrenewables.com/portfolio-items/goodrich-farm-salisbury-vt/>



The RNG Story-Goodrich Farm



Bellevue RNG Project

Location: Pleasant Valley Farm in Berkshire, VT

Who: St. Pierre Family Farm and Novilla RNG Developer

What: ~100,000 Mmbtu/yr of RNG

Status: Permits have been filed

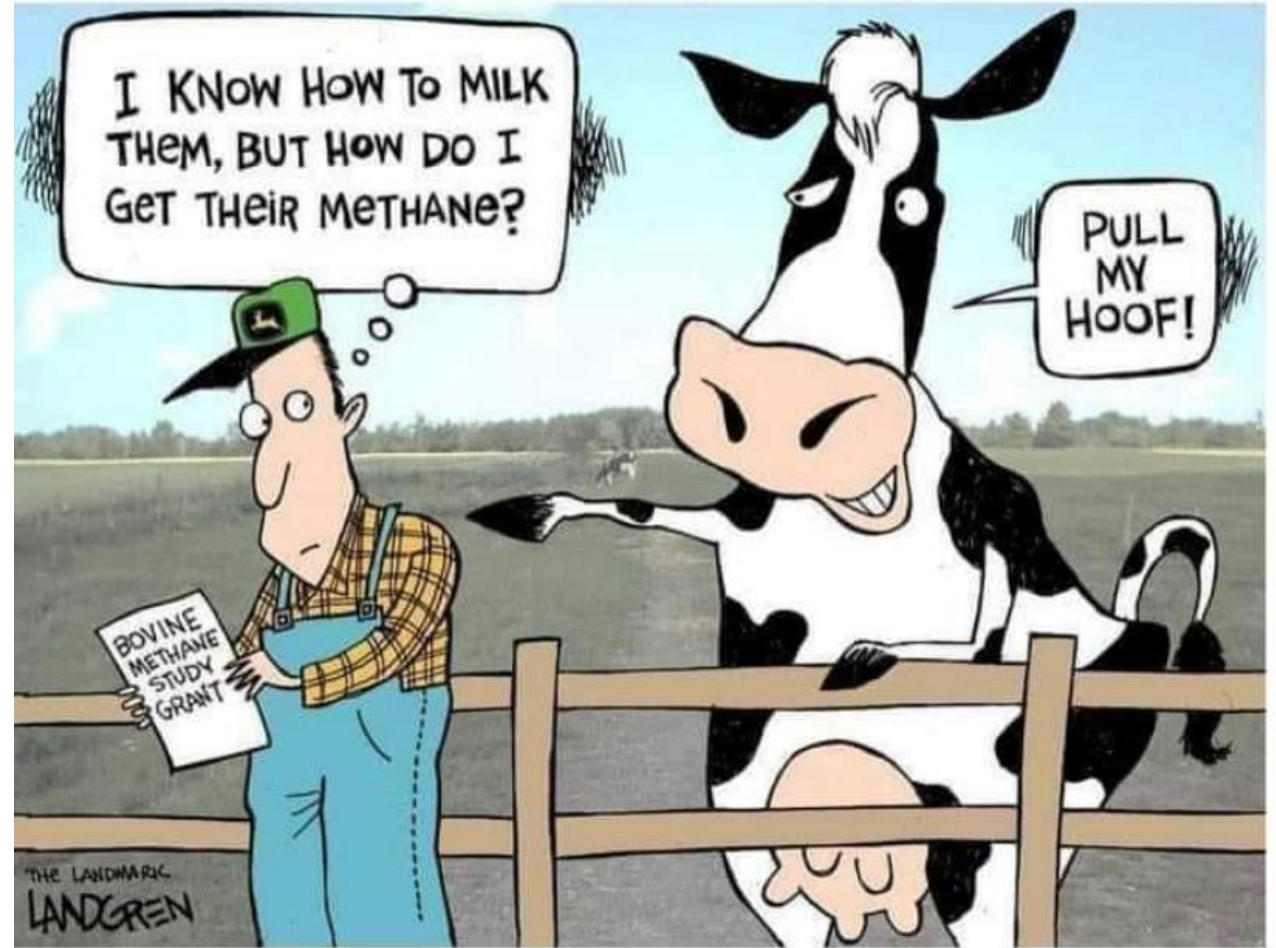
Timing: Online in 2024



Closing Points

Keys to Success:

1. Treat RNG Developers like a Partners
2. Work Closely with Hosts and Anchor Customers
3. Recognizing the “Power of the Story”
4. Be Flexible-Resist “Utility-think”
5. Invest as much as allowable
6. Leadership Engagement



Questions



<https://vgsvt.com/climate/renewable-natural-gas/>