



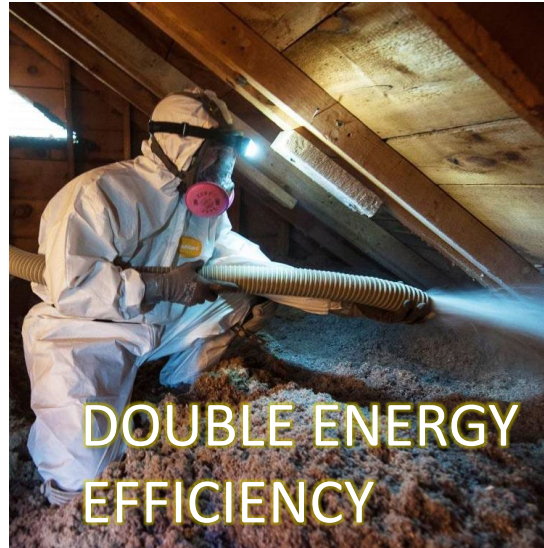
RNG and Decarbonization

April 5, 2022

VGS Climate Plan: Big vision + bold action

- Cut GHG emissions 40% by 2030
- Net Zero GHG emissions by 2050
- Three-part plan:

VGS will be at ~4% RNG by 2023, goal is ~20% RNG by 2030.



VGS RNG History

- 2018-First Gas Utility in the U.S. with a Retail RNG Tariff
- 2019-Announced RNG Partnership with Middlebury College
- 2020-Began blending RNG into base supply portfolio
- 2021-Received PUC approval to blend up to 2% RNG per year
- 2021-Commission Goodrich Farm RNG Project with Vanguard and Middlebury
- 2022-Launch Green Hydrogen Pilot



Goodrich Farm RNG Project



Vermont Green Hydrogen Pilot Project

VGS is partnering with Global Foundries and UVM to develop a 1-2MW Green Hydrogen Pilot Projects that would:

- Convert renewable electricity to Green Hydrogen
- Blend Green Hydrogen into customer's natural gas supply, another form of RNG
- Provide grid benefits and capacity for more renewable generation
- Develop a pathway for decarbonization of large users

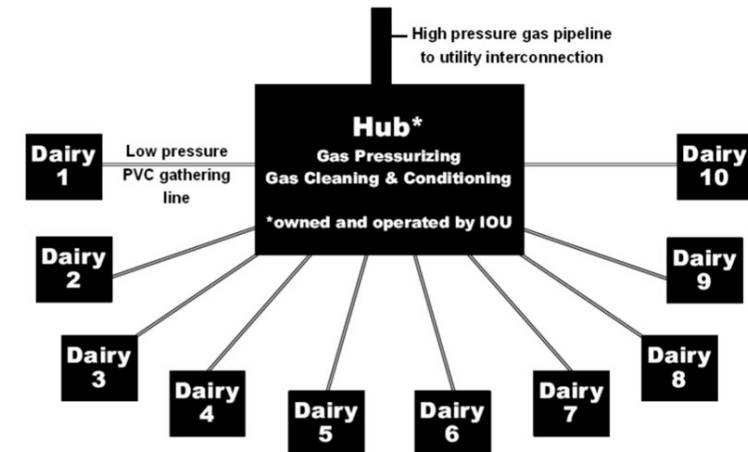


VGS Other RNG/Decarbonization Projects

- Multiple Vermont RNG Farm Projects
- Wastewater Treatment Plant/Landfill RNG Projects
- District Energy Systems
- Geothermal Pilot Projects
- Hybrid Heating-Electric Boiler/CCHP/HWHP Pilots



Hub & Spoke Model



Questions?