



DECARBONIZE YOUR DATA CENTER

WHY CHOOSE RNG?

Vanguard Renewables' RNG is a cost-effective, drop-in energy solution for data centers running on natural gas infrastructure, delivering immediate decarbonization without added overhead.

- Industry-leading carbon abatement with negative CI score and long-term contract availability
- Cost-competitive with solar PPAs and green tariffs on a per-MWh basis in several regions*
- **Drop-in viable for natural gas turbines and pipeline interconnects; no major capex required for sites operating on natural gas**
- Environmental attributes minted and tracked directly from operational data on established registries
- Flexible applications: prime, backup power, or hybrid applications
- Consistent, secured feedstock ensures uninterrupted production
- 12+ BCF annual RNG production by 2029

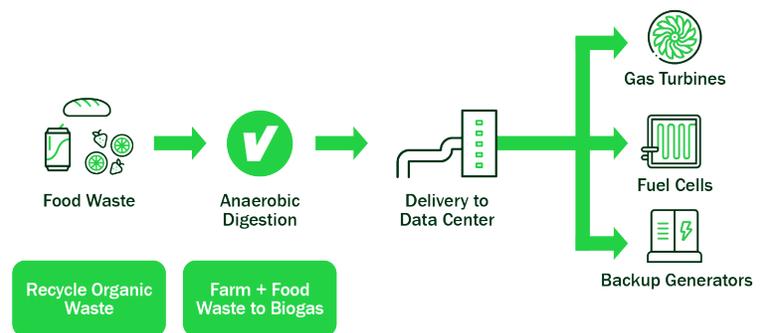
*Cost competitiveness varies by ISO and utility region. In PJM, the premium to switch from gas to RNG is lower than solar PPAs or green tariffs, and aligned with VA REC pricing, which is expected to rise.

The Vanguard Advantage

Hyperscalers and colocation sites face the rising challenges of increased grid instability, escalating sustainability scrutiny, and increasingly expensive power. Vanguard's RNG offers a **negative-CI, drop-in solution** that integrates seamlessly with existing gas-powered infrastructure to meet energy needs reliably and sustainably.

RNG provides a clear transition away from fossil fuels, future proofing sites as a compatible fuel source for backup power, behind-the-meter gas powered generation, and fuel cells. Compared to solar PPAs or green tariffs, RNG enables data centers to use carbon-negative energy with minimal NOx and SOx emissions.

RNG Production Process



Working with Vanguard Renewables

Vanguard Renewables is rapidly scaling its RNG footprint, utilizing over a decade of operating experience, 200+ employees, 100+ national feedstock supply partners, and a growing national biomethane network that includes operational facilities in the Northeast and Wisconsin, and over 50 projects in development nationally.

Vanguard Renewables caters to data centers with:

- Secure, scalable RNG supply backed by long-term contracts
- Drop-in solutions compatible with existing gas infrastructure
- Strategic decarbonization pathways tailored to hyperscalers and colocation sites

