



Biogas and RNG Production Auburn New York



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The two digesters are fed directly from the nearby barns after sand separation. The sand is returned to the barns.

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The on-site gas upgrading plant produces biomethane which is fed into the grid on site.



Facts

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| Location: | Auburn, New York, USA |
| In Operation: | Q2 2024 |
| Input materials: | 100% Dairy Manure |
| Features: | <ul style="list-style-type: none"> • 100% operation with dairy manure • Direct feeding from the barns into two digesters • Everything in one location: biogas production, gas upgrading, grid feeding |


The Lincoln Dairy RNG Facility at a Glance

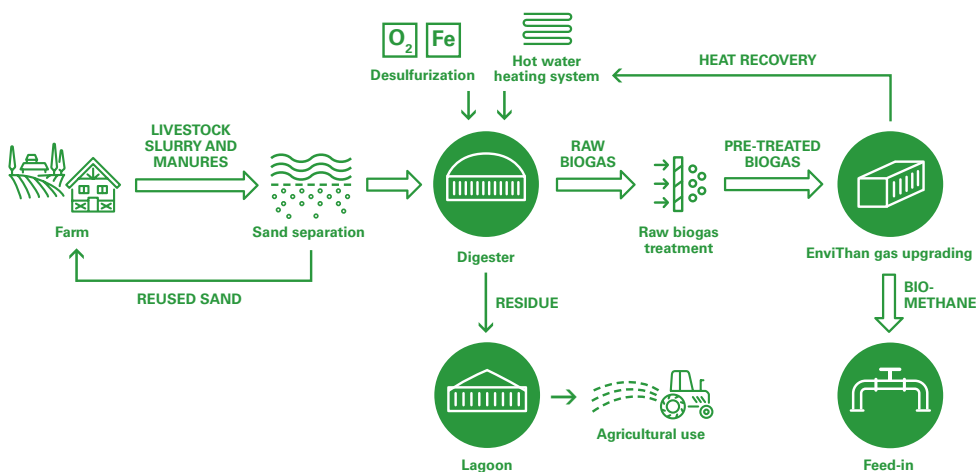
The Lincoln Biogas facility in Auburn, New York, utilizes a standardized, simple, and effective biogas technology to convert dairy manure into RNG 24/7. This translates to processing roughly 85 million gallons of manure annually, and 274 SCFM of RNG.

Liquid manure is pumped directly from nearby barns into the two massive 2.2-million-gallon digesters, where it's converted into biogas and eventually upgraded to RNG. EnviTec provided the entire system, including the digesters, the EnviThan gas upgrading system with smart controls, a hot water heating skid, and an oxygen container for desulfurization. A clever design feature allows any unused biomethane in the underground pipes to be recycled back into the digesters,

preventing methane (CH₄) emissions. Finally, the finished RNG is compressed and fed directly into the local gas grid.

The leftover digestate, a valuable fertilizer, is transported from the digesters through a recirculation shaft to a nearby lagoon (approximately 600 feet away). From the lagoon, it can be applied to agricultural fields as a high-quality nutrient source.

 South Jersey Industries (SJI) of New Jersey, a trusted partner of EnviTec, owns the Lincoln Biogas facility. EnviTec has a successful track record with SJI, having completed 4 out of their 15 biogas projects across various US states.



„By reducing greenhouse gas emissions across various sectors like transportation, maritime, and aviation, RNG serves as a valuable decentralized clean fuel source.“



Sean Gleeson,
REV RNG, SVP RNG
Business Development

EnviTec Biogas Construction LLC

East Region: 2975 Brighton Henrietta Town Line Rd, Rochester, NY 14623, United States
Central Region: 1313 9th Ave SW, Watertown, SD 57201, United States
info@envitec-biogas.com, Phone: +1 971-341-9875