



LINDEN RENEWABLE ENERGY PROJECT

The Linden Renewable Energy (LRE) Project will be one of the largest food waste-to-renewable natural gas (RNG) facilities in the United States

PROJECT DETAILS

- LRE is a food waste-to-RNG facility currently under construction in Linden, NJ.
- The facility has the capacity to process 1,475 tons of waste that is expected to produce up to 3,783MMBtu/day of RNG—this is the energy equivalent value of 30,200 gallons of gasoline per day.
- The project is expected to convert organic waste into pipeline quality natural gas utilizing proven anaerobic digestion technology. The bio-methane is anticipated to then be upgraded to pipeline quality standards for injection into the Elizabethtown Gas system adjacent to the site.
- The project aims to assist New York City, Northern New Jersey, and the larger metro area in managing their organic waste streams in alignment with state and local food waste regulations requiring organic waste diversion from landfills.
- Construction on the facility commenced in January 2024 and is slated to be completed in Q4 2025.



ENVIRONMENTAL BENEFITS

- Landfills represent a third of human-made methane emissions in the United States. By diverting organic waste from landfills, LRE is expected to avoid an estimated 120,000 metric tons of CO₂e annually.*
- LRE will use on-site Bloom Energy fuel cells to produce on-site electric, anticipated to minimize reliance on the local grid and associated carbon emissions.
- The project is also expected to produce 200-300 cubic yards per day of digested solids that can be used as a soil amendment, which is a natural organic byproduct of the anaerobic digestion process and can be used as an alternative to chemical fertilizers.

* Calculated based on sponsor expected production of project and DOE Emissions Conversion Factor for Food Waste RNG Projects.

ABOUT THE PROJECT OWNERS



SJI, an energy infrastructure holding company based in Folsom, NJ, delivers energy services to customers through two primary subsidiaries: SJI Utilities (SJIU) and SJI Renewable Energy Ventures. SJIU houses the company's regulated natural gas utility operations, delivering safe, reliable, and affordable natural gas to more than 730,000 residential, commercial, and industrial customers across New Jersey via its South Jersey Gas and Elizabethtown Gas subsidiaries. Elizabethtown Gas is the natural gas energy provider to over 300,000 residential, commercial and industrial customers in parts of Union, Middlesex, Sussex, Warren, Hunterdon, Morris and Mercer counties. This project will blend the RNG from the Linden Renewable Project into the Elizabethtown Gas natural gas distribution system.



SJI Renewable Energy Ventures, a non-utility subsidiary of SJI, specializes in the ownership, development, construction, and operation of diverse renewable energy projects. These projects include the development of solar, fuel cell, and Renewable Natural Gas (RNG) sourced from a variety of feedstocks including dairy manure, landfill gas, and organic food waste. With a robust portfolio and pipeline of future projects, SJI Renewable Energy Ventures is positioned to be a national leader in advancing sustainable energy solutions.



The LRE project is owned and operated by Catamaran Renewables, LLC. Catamaran Renewables is a Joint Venture partnership between Captona and SJI.



Captona is a North American investment firm with 15 years of transactional experience in the clean & renewable energy sector focused on investments in late-stage, middle-market clean fuel and renewable energy projects across the RNG, wind, solar, fuel cell and storage asset classes.



The LRE Project was developed by RNG Energy Solutions, LLC. RNG Energy and its members have 100+ combined years of experience successfully developing, financing and managing the construction of complex energy infrastructure projects. The RNG Energy Teams experience includes the development of natural gas Combustion Turbine and Combined Cycle projects, Anaerobic Digester Projects and biomass projects.



As an energy services provider with more than 100 years of experience, SJI offers safe, affordable, reliable energy solutions that support the country's clean energy goals. SJI Renewable Energy Ventures, a non-utility subsidiary of SJI, leads the company's efforts to develop renewable energy projects. With its current and pipeline of future projects, SJI Renewable Energy Ventures is positioned to be a national leader in RNG development.

OUR PORTFOLIO

Dairy RNG: SJI Renewable Energy Ventures has 20+ RNG projects under development at large dairy farms throughout the United States. SJI REV is well positioned to be a national leader in low Carbon Intensity (CI) RNG development.



natural gas. This marks SJI's first non-utility led anaerobic digester project that will directly connect its utility customers with a New Jersey-based RNG producer. Elizabethtown Gas, one of SJI's primary utility subsidiaries, will blend the RNG from the project into its existing natural gas distribution system.

Green Hydrogen: SJI Renewable Energy Ventures and South Jersey Gas plan to use solar power to produce hydrogen, a fuel that can be blended with traditional gas to lower its carbon intensity.

Landfills RNG Projects:



Atlantic RNG Project: In 2023, SJI and Opal Fuels broke ground on a landfill gas RNG project at the Atlantic County Utilities Authority's

solid waste landfill in Southern New Jersey.

Linden Renewable Energy (LRE) Project: SJI Renewable Energy Ventures is constructing one of the largest food waste-to-renewable natural gas (RNG) projects in the United States. The LRE project, based in Linden, NJ is expected to convert organic waste into pipeline-quality RNG that can be used for a variety of applications to displace traditional



solutions to fit the unique energy needs of each business, ensuring optimal performance.

Fuel Cells: Catamaran Renewables, a partnership between SJI's Marina Energy and energy investor Captona, currently operates two fuel cell projects producing 12.5 megawatts of electricity. Catamaran is also evaluating other fuel cell opportunities in the Northeast.

Solar: Rooftops, car canopies, brownfields – With a nearly 30-megawatt solar portfolio, SJI Renewable Energy Ventures specializes in customizing





LEADING THE WAY TO A CLEANER ENERGY FUTURE

SJI strives to be a leader in clean energy, energy efficiency, and carbon reduction. We believe protecting and sustaining the environment for future generations is a shared responsibility. As an energy company, we honor that responsibility by measuring our environmental impacts while making efforts to reduce or mitigate them. Our Company created a comprehensive plan that includes a timeline to achieve carbon-neutral operations.

Carbon reduction/neutrality goals are set based on the 2018 baseline year and relate to Scope 1 and Scope 2 emissions for SJI's utility companies: South Jersey Gas (SJG) and Elizabethtown Gas (ETG). Carbon neutral goal attainment may require the purchase of offset credits in 2040 equal to any emissions that have not been reduced or eliminated at that time and will therefore depend on the availability, adequacy and appropriateness of the purchase of such credits in 2040 and beyond.



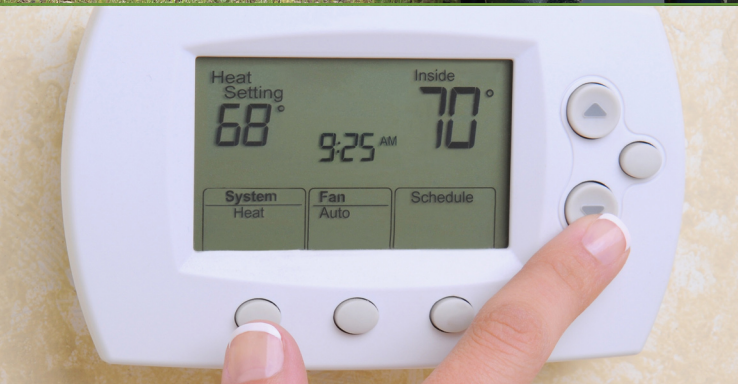
RENEWABLE ENERGY DEVELOPMENT

- 20+ renewable natural gas (RNG) projects at various states of development throughout the U.S.
- Waste-to-energy investments including landfill RNG in Atlantic County and food waste RNG in Union County
- Portfolio of solar arrays and fuel cells
- Green hydrogen development
- Actively pursuing waste-to-energy investments of various feedstocks



INFRASTRUCTURE ENHANCEMENTS + RESILIENCE

- Over half a billion dollars invested to replace more than 1,000 miles of aging pipes
- Advanced leak detection and prevention technology
- Low emissions fleet operations with CNG trucks
- New \$69 million pressure regulation station



ENERGY EFFICIENCY

- \$216M expansion of Energy Efficiency programs
- Potential to save \$329M in energy costs and 104M therms over a lifetime
- Potential for 4,500 jobs to be created
- 40+ schools participate in EmPowered Schools Program

Visit sjindustries.com/about-sji/clean-energy/clean-energy-investment to learn more.