

# TRUSTED TO DELIVER

SOLAR INVERTERS HELP  
POWER LANDFILL SUCCESS

## SUCCESS STORY CASE STUDIES



Headquartered in Providence, R.I., NuGen Capital Management LLC is a leader in energy development and capital solutions with a proven track record in handling every phase of clean energy projects, from financing, to development, to operation and management. With a portfolio of more than \$250MM of clean energy investments including solar, real estate and electric mobility projects operating across the country, the company is committed to accelerating America's energy transition by unlocking new, reliable and affordable energy sources.

NuGen's Bristol Landfill Solar Project is a powerful example of the company's model –transforming a municipal capped landfill into an efficient source of reliable power that is now being used by Rhode Island's largest commercial consumer of energy.

**Product** UUX002090 SOLECTRIA XGI

**Industry** Renewable Energy

**Application** Landfill Solar Project

### CHALLENGE

The Bristol Landfill Solar Project represents the largest solar site on a capped landfill in Rhode Island's history. The effort covered 30 acres, consisted of 20,962 solar panels and targeted an estimated annual production of 8.7MM kWh – roughly the same amount of energy to power 700 homes or offset 9MM miles driven by gasoline-powered vehicles.

Because of the scope and significance of the project, NuGen wanted to team up with trusted partners with proven experience in navigating challenges and delivering reliable products. Community communications was also a consideration. NuGen wanted partners that could proactively deal with local residents' concerns.

### SOLUTION

NuGen installed 30 Yaskawa SOLECTRIA® XGI 1500-166 Series inverters for several reasons:

- The product is made in the USA.
- The company had confidence in the product quality and performance.
- Yaskawa Solectria Solar offers direct access to an entire support team.
- Yaskawa Solectria Solar played a critical role in supporting NuGen in responding to community conversations around the installation and operation of the solar installation to rally support throughout the community.
- NuGen has a long history with Yaskawa Solectria Solar.

**NUGEN CAPITAL**

### COMPANY HIGHLIGHTS

Founded in 2010, NuGen accelerates American energy independence by investing in and operating infrastructure assets, from DG solar to last-mile transportation fleet electrification. NuGen's portfolio of sustainable investments annually generates more than 100GWh of clean energy. Additionally, NuGen provides tax equity, buys operating assets and land under solar, and other flexible financing solutions to help investors and project developers meet their goals.



**YASKAWA**  
SOLECTRIA SOLAR

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# ADVANCING SOLAR POWER

## RELATABLE, REAL, AND RESULTS-DRIVEN YASKAWA SOLECTRIA SOLAR CUSTOMER SUCCESSES

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“Yaskawa Solectria Solar does a great job supporting us. Their inverter installation is straight forward and the product is user friendly. They were transparent through the whole process. We always knew what to expect and if they said they were going to do something, they did it!”

- Aaron Rust | Managing Director, Renewable Infrastructure



## RESULTS

NuGen is producing energy more efficiently and profitably as a result of using the Yaskawa Solectria Solar String inverters.

There has been little to no maintenance required. NuGen reports the same 30 Yaskawa SOLECTRIA® XGI 1500-166 Series inverters it turned on the first day are still operating efficiently, and the only necessary maintenance has been to check a fan and replace a light bulb.

“The Bristol Landfill Solar Project shows the success that can be achieved when following through our Solectria O&M ECO-SYSTEM. The longevity of our American made SOLECTRIA® XGI 1500-166 Series Inverter along with regularly scheduled preventative maintenance and having a Spare Parts Kit on site has kept this job site operating at top performance”, Jonathan Helmuth, Director of Sales for Yaskawa Solectria Solar, said.

### LONGER LIFE. LOWER OPEX. GREATER CONTROL.

With over 20 years of experience, Yaskawa Solectria Solar remains committed to delivering the highest-quality solar inverters, driving innovation in the industry and providing a full circle O&M ECO-SYSTEM to the marketplace.



The Bristol Landfill Solar Project Aerial Photo



SOLECTRIA® XGI 1500-166 Series Inverters Installed at Job Site



SCAN HERE



For more information on the SOLECTRIA XGI 1500-166 Series Inverters visit: [www.solectria.com/products/power-inverters/utility-scale-inverters/xgi-1500-166/](http://www.solectria.com/products/power-inverters/utility-scale-inverters/xgi-1500-166/)



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