

Garnet Energy Center

The Garnet Energy Center is a proposed 200-megawatt photovoltaic solar energy generating facility with 20 megawatts of energy storage located on land in the town of Conquest in Cayuga County, New York.

Community Benefits

The Garnet Energy Center will deliver new jobs, long-term revenue and economic development to Cayuga County and the town of Conquest while supporting family farms.

Millions of Dollars in Revenue

The project is expected to provide millions of dollars in revenue to the town of Conquest, Cayuga County and the school district to reduce the local tax burden or allow investment in infrastructure, additional services and resources for residents—throughout the life of the project.

250+ Jobs in Cayuga County

With a multimillion-dollar construction labor budget, the Garnet Energy Center has the potential to create 250+ jobs during construction and three to four good-paying, full-time, permanent jobs.

Support for Local Farmers

Through land agreements, Garnet Energy Center will support the local agricultural economy by infusing revenue into local farms and diversifying their income

Benefits

- » Brings numerous benefits to the region including significant new revenue to the County, Town and School District to invest in infrastructure, additional services and resources for its residents
- » Expected to reduce carbon dioxide emissions by an average of 240,000 tons annually — the equivalent of taking more than 60,000 cars off the road
- » Supports economy through purchases of regional goods and services
- » Creates no air or water pollution
- » Uses no water to generate electricity

Jobs

- » Our goal is to hire as many workers as possible from the local area where we construct our solar projects
- » Opportunities for local businesses to supply materials and labor to support construction of the project
- » Service industry businesses such as hotels, restaurants and entertainment benefit from an increase in worker activity throughout development and construction
- » Local vendors and contractors will also have opportunities to provide supplies and earn service contracts for various types of work at the project site during operation

Garnet Energy Center is proposed by a subsidiary of NextEra Energy Resources, LLC, an experienced community partner and the world's largest generator of wind and solar energy, with generating facilities across the United States and in Canada. To learn more about NextEra Energy Resources please visit: NextEraEnergyResources.com

How the Garnet Energy Center Will Work

As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). Finally, the electricity travels through transformers, and the voltage is boosted for delivery onto the transmission lines, so the local electric utility can distribute the electricity to homes and businesses.

