Solar Liberty – SUNY New Paltz Microgrid
Groundbreaking for NYS

Designed to operate in both a grid interactive/grid supportive and an islanded microgrid state

The system employs several additional operating modes, one of which allows the customer to shave campus peak load

217-kilowatt project is installed on the Sojourner Truth Library (117 kW) and Elting Gymnasium (100 kW)

Utilizes Smart Inverter Technology

Generator is used as a back up for months when times of year/ day with low solar irradiance
Battery Lithium-Ion technology

- 100kW/ 200 kWh
- Can charge critical loads for 8 hours

System components in enclosure include:

- Batteries
- Inverters
- Disconnect devices
- Circuit breaker boards
- Microprocessor relays