



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

