

Solar PV + BESS + Microgrid



128 kW solar PV



22.8 kW x 108 kWh battery energy storage system

Microgrid

Ability to operate in both grid-connected or island mode

Objectives:

- ❖ Generate and store energy on site via renewable sources
- ❖ Establish SPPL as the first Community Resilience Center of its kind in WI

Value:

- 167,314 kWh annual PV production
- Potential annual savings of \$16k
- Annual GHG reduction of 118 metric tons CO₂e
- BESS + microgrid system would provide additional savings
- Potential EIGP grant opportunity