

Sample GSS® and DSS® Microgrid Installations

Microgrid 2020 Resource Library

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NEC Energy Solutions is a full service, end-to-end turnkey energy storage solution and battery systems provider

Offering energy storage systems, technical and economic project analysis, installation and commissioning, operation, maintenance, equipment warranties, performance guarantees, and financing

GSS® and DSS® Grid Storage Experience

- With over 950 MW of GSS® grid storage solutions installed, contracted or awarded around the globe, we are the trusted experts in energy storage. And for good reason. Our extensive experience installing, commissioning and serving applications that include peak shaving, renewable integration, frequency response, frequency regulation and voltage regulation is unparalleled.

Global Energy Storage Project Experience



Milford, MA DSS® Distributed Storage Solution

- Milford Regional Medical Center
- Peak Shaving, Demand Charge Management & Microgrid Support
- 710 kW Power Rating
- 510 kWh Energy Rating

- 6 Bay DSS® Enclosure
- Operational 2020



Santa Fe, NM DSS® Grid Storage Solution

- | Santa Fe Community College
- | Peak shaving and microgrid resiliency

- | 100 kW Power Rating
- | 200 kWh Energy Rating
- | Operational 2020



Puerto Rico – 3 x DSS® Grid Storage Solution

- | Agricultural, medical office, and medical clinic locations
- | Solar plus storage microgrid

- | 100 kW Power Rating
- | 200 kWh Energy Rating
- | Operational 2020



Chattanooga, TN DSS® Grid Storage Solution

- | Solar + Storage Microgrid
- | Time shifting and microgrid resiliency
- | Qty 2, 4 Bay DSS® Enclosures

- | 560 kW Power Rating
- | 510 kWh Energy Rating
- | Operational 2019



Fayetteville, NC DSS® Grid Storage Solution

- | Solar + Storage Microgrid
- | Time shifting and microgrid resiliency
- | Qty 2, 6 Bay DSS® Enclosures

- | 560 kW Power Rating
- | 1200 kWh Energy Rating
- | Operational 2019



Kansas City, MO DSS® Grid Storage Solution

- | Kansas City DFP Medical Center
- | Peak shaving and microgrid resiliency
- | 6 Bay DSS® Enclosure

- | 280 kW Power Rating
- | 510 kWh Energy Rating
- | Operational April 2019



Eugene, OR DSS® Grid Storage Solution

- Elementary School
- Peak shaving and microgrid resiliency
- 560 kW Power Rating
- 1020 kWh Energy Rating

- 2 x 6 Bay DSS® Enclosure
- Operational 2019



Boston, MA GSS® Grid Storage Solution

- | Hospital Rooftop
- | CHP integration and microgrid

- | 1.6MW Power Rating
- | 1MWh Energy Rating
- | Operational 2019



New York, NY DSS® Distributed Storage Solution

- TWA Hotel
- .56 MW Power Rating
- 1.02 MWh Energy Rating

- Two 6 bay DSS® Battery Enclosures
- Operational January 2019



Ashburnham, MA GSS® Grid Storage Solution

- | Demand Charge Management
- | 3 MW Power Rating
- | 5 MWh Energy Rating

- | 1 Battery Container
- | Operational January 2019

