Microgrid Applications

2x 280kW/510kWh, Solar + Storage - Oregon

ADDRESSING THE NEEDS OF YOUR BEHIND-THE-METER APPLICATIONS

Benefits

Increase Resilience – utilize energy storage and other distributed generation resources to keep facility operational in the case of a grid event

Reduce Energy costs – utilize energy storage to avoid demand charge costs, optimize time of use, participate in demand response, and participate in ancillary services programs

Increase Sustainability – energy storage allows you to increase self-consumption and align energy consumption with grid impacts

Power quality – leverage energy storage to minimize impact of localized voltage and frequency issues

Virtual power plants – energy storage allows participation in aggregated peak shaving programs

Did you know?
The definition of a "microgrid" is somewhat elusive. Generally, any collection of generators and loads that are not tied to the grid, and are expected to operate autonomously can be considered a microgrid. The microgrid can sometimes tie into the grid, and sometimes be "islanded" or separated from the grid, or may be entirely "off the grid" meaning never tied to the grid.

4x 280kW/510kWh
Solar + Storage – Massachusetts

1x 280W/510kWh
Solar + Storage – N. Kansas City

2x 280W/510kWh
Solar + Storage – Tennessee

NEC Orchestrating a brighter world