

Fort Sam Houston Microgrid CPS Energy San Antonio, Texas

Commission Date: January 2017

Deployment configuration:

1 Container of batteries , 1 Inverters
Battery Control System

A turnkey AC battery storage system with 5-year performance warranty. The storage system is integrated into a utility-owned microgrid for testing the interoperability of multiple technologies at Fort Sam Houston.

Energy Storage Battery Specification

Discharge Power: 75 kW

Capacity: 42 kWh

Technology: Lithium Ion

Energy Storage Functions

Interoperable Microgrid

Landis+Gyr/Toshiba Role

Turnkey AC Storage Provider

5-Year Performance Warranty

About the Fort Sam Houston Microgrid

This site has three banks of solar panels and a facility storing 75-Kilowatts of Lithium-Ion batteries and a control station which can provide power to the post's library. Funded by CPS Energy through a grant from the National Renewable Energy Laboratory, this site is being used as a test bed for CPS Energy, as well as, the Department of Defense to seek out solutions to explore renewable energy options for military facilities.

