

Millikan

Location
Irvine, California

Capacity
2 MW / 9 MWh

Resource
Energy Storage

Ownership
esVolta
Southern Power



Southern Power, a leading U.S. wholesale energy provider and subsidiary of Southern Company, has acquired an interest in its first energy storage project – the 2 megawatt (MW) / 9 megawatt hour (MWh) Millikan Project in partnership with esVolta. The project entered commercial operation in January 2017.

The project is under contract with one of California's major investor-owned utilities. The project is contracted for more than eight years and will help support California's clean energy goals.

Southern Company is committed to providing clean, safe, reliable and affordable energy, with a goal of transitioning to low- to no-carbon operations by 2050. A low-carbon future will require the integration of cost-effective energy storage with intermittent renewable generation. Partnering with battery manufacturers and vendors on development of storage of carbon-free energy resources is one of the key options that can help lower carbon emissions.

Technology

The Millikan project is a lithium ion (Li-ion) battery energy storage project that consists of over 2,400 Li-ion battery packs. Utilizing proprietary energy storage technology developed by battery integrator, Powin, the project can deliver 2 MW of power for over four continuous hours. Millikan was built to provide a quick and reliable grid-support resource.

Southern Power, a subsidiary of Southern Company, is a leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities and other energy customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 54 facilities operating or under development in 14 states with more than 12,498 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, South Dakota, Texas, Washington and West Virginia.

Southern Company (NYSE: SO) is a leading energy company serving 9 million customers through its subsidiaries. The company provides clean, safe, reliable and affordable energy through electric operating companies in three states, natural gas distribution companies in four states, a competitive generation company serving wholesale customers across America, a leading distributed energy infrastructure company, a fiber optics network and telecommunications services.