

Millikan

Location

Irvine, California

Capacity

2 MW / 9 MWh

Resource

Energy Storage

OwnershipesVolta
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 commercial and industrial customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 49 facilities operating or under construction in 12 states with more than 11,864 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, Texas and Washington.

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. Southern Company brands are known for excellent customer service, high reliability and affordable prices below the national average. For more than a century, we have been building the future of energy and developing the full portfolio of energy resources, including carbon-free nuclear, advanced carbon capture technologies, natural gas, renewables, energy efficiency and storage technology. Through an industry-leading commitment to innovation and a low-carbon future, Southern Company and its subsidiaries develop the customized energy solutions our customers and communities require to drive growth and prosperity. Our uncompromising values ensure we put the needs of those we serve at the center of everything we do and govern our business to the benefit of our world. Our corporate culture and hiring practices have been recognized nationally by the U.S. Department of Defense, G.I. Jobs magazine, DiversityInc, Black Enterprise, Forbes and the Women's Choice Award. To learn more, visit www.southerncompany.com.