

Garland

Location

Kern County, California

Capacity

88 MW / 352 MWh

Resource

Energy Storage

OwnershipSouthern Power
AIP Management
Global Atlantic
Financial Group

Southern Power, a leading U.S. wholesale energy provider and subsidiary of Southern Company, has been awarded a 20-year power purchase agreement by Southern California Edison to add a battery-based energy storage resource at Southern Power's Garland Solar Facility in California.

The energy storage project will be owned in partnership with AIP Management (on behalf of Danish pension funds PKA and PenSam) and Global Atlantic Financial Group, both of which have existing ownership interest in the Garland Solar Facility that went into commercial operation in 2016. Southern Power operates the solar project and will be responsible for operating the energy storage project upon completion.

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 lithium ion (Li-ion) battery-based energy storage additions will enhance California's grid reliability by providing SCE and the California ISO with additional flexible resource capacity that will assist in further integrating intermittent renewable energy into the grid. For the Garland Solar Facility, 88 megawatts (MW) with 352 megawatt-hours (MWh) of energy storage will be added.

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.

southernpowercompany.com