

Lost Hills-Blackwell Solar Facility

Location

Kern County, California

Fuel Resource

Photovoltaic Solar

Capacity

32 MW

OwnershipSouthern Power
Capital Dynamics

Southern Power and Capital Dynamics own the Lost Hills-Blackwell Solar Facility, a 32-megawatt (MW) solar project consisting of two sites, the 20-MW Lost Hills Solar Facility and the 12-MW Blackwell Solar Facility.

Construction of the project began in 2014, and the facility entered commercial operation in the second quarter of 2015. The facility is being operated and maintained by First Solar.

The electricity and associated renewable energy credits (RECs) generated by the facility will be sold under long-term power purchase agreements with Pacific Gas and Electric Company and Roseville Electric.

Size

The solar facility is located on an approximately 308-acre site in Kern County, California.

Technology

The project utilizes First Solar's thin film PV modules, which are mounted on single-axis trackers.

PV modules generate electricity directly from sunlight through an electronic process that occurs naturally in certain types of material known as semiconductors. Solar energy frees electrons in these materials to travel through an electrical circuit, powering devices or sending electricity.

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.

southernpowercompany.com

capdyn.com