

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.

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