

Gaskell West 1 Solar Facility

Location

Kern County, California

Fuel Resource

Photovoltaic Solar

Capacity

20 MW

Ownership

Southern Power



Southern Power announced the acquisition of its 12th California solar facility the 20-megawatt (MW) Gaskell West 1 Solar Facility, located in Kern County, in January 2018.

Construction of the project began in October 2017, and the facility entered commercial operation in March 2018. Recurrent Energy developed the project, and Blattner Energy managed the engineering and construction. First Solar operates and maintains the facility.

Southern California Edison purchases the electricity and associated renewable energy credits (RECs) generated by the facility under a 20-year power purchase agreement and will have the option to keep or sell the associated RECs.

Size

The facility is located on approximately 280 acres in Kern County, California.

Technology

Gaskell West 1 consists of 85,000 poly-crystalline silicone solar modules manufactured by Canadian Solar on ground-mounted tracking systems.

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 to the grid. Tracking systems produce more energy because they track the sun's movement throughout the day.

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