

Morelos Del Sol Solar Facility

Location

Kern County, California

Fuel Resource

Photovoltaic Solar

Capacity

15 MW

Ownership

Southern Power



Southern Power acquired the 15-megawatt Morelos del Sol Solar Facility in October 2015. The electricity and associated renewable energy credits generated by the facility are being sold under a 20-year power purchase agreement with Pacific Gas & Electric Company.

DEPCOM Power built, operates and maintains the facility. Construction of the plant began in July 2015, and commercial operation began in late November 2015.

Size

The facility is located on approximately 138 acres in Kern County, California.

Technology

The project consists of approximately 111,744 thin-film photovoltaic (PV) solar modules 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 to the grid. Tracking systems produce more energy because they track the sun's movement throughout the day.

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