

# Desert Stateline Solar Facility

**Location**

San Bernadino County,  
California

**Capacity**

300 MW

**Fuel Resource**

Photovoltaic Solar

**Ownership**

Southern Power  
First Solar



Through a partnership arrangement, Southern Power and First Solar own the 300-megawatt Desert Stateline Solar Facility. First Solar will build, operate and maintain the facility. Construction began in October 2014, and the plant entered commercial operation in the third quarter of 2016.

The electricity and associated renewable energy credits generated by the facility are sold under a 20-year power purchase agreement with Southern California Edison Company.

**Size**

The facility is located on 1,685 acres in San Bernardino County, California.

**Technology**

The project consists of approximately 3.2 million of First Solar's thin-film photovoltaic (PV) solar modules mounted on fixed-tilt ground-mounted tables.

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.

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 own 50 facilities operating or under construction in 12 states with more than 12,500 MW of generating capacity in Alabama, California, Florida, Georgia, Kansas, Maine, Minnesota, Nevada, New Mexico, North Carolina, Oklahoma and Texas.

Atlanta-based Southern Company is America's premier energy company, serving 9 million customers through its subsidiaries with clean, safe, reliable and affordable energy. With electric utilities in four states, natural gas distribution utilities in seven states, a competitive generation company serving wholesale customers across the country and a nationally recognized provider of customized energy solutions, as well as fiber optics and wireless communications, Southern Company and its subsidiaries are inventing America's energy future.

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