

# North Star Solar Facility

**Location**

Fresno County,  
California

**Capacity**

61 MW

**Fuel Resource**

Photovoltaic Solar

**Ownership**

Southern Power  
Capital Dynamics



Southern Power and Capital Dynamics own the 61-megawatt North Star Solar Facility. First Solar built and is operating and maintaining the facility. Construction began in July 2014, and the plant entered commercial operation in June 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 and Electric Company.

**Size**

The facility is located on 626 acres in Fresno County, California.

**Technology**

The project consists of approximately 750,000 of First Solar's thin-film photovoltaic (PV) solar modules mounted on single-axis tracking 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. Tracking systems produce more energy because they track the sun's movement throughout the day.

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 other energy customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 50 facilities operating or under development in 13 states with more than 11,920 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, Texas, Washington and West Virginia.

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.