

# Adobe Solar Facility

**Location**

Kern County,  
California

**Capacity**

20 Megawatts

**Fuel Resource**

Photovoltaic Solar

**Ownership**

Southern Power



Southern Power acquired the Adobe Solar Facility in November 2013. The facility entered commercial operation in May 2014.

Electricity generated by the plant serves a 20-year power purchase agreement with Southern California Edison, a subsidiary of Edison International. Headquartered in Rosemead, Calif., Edison International, through its subsidiaries, is a generator and distributor of electric power and an investor in infrastructure and energy assets, including renewable energy.

**Size**

The Adobe Solar Facility is a 20-megawatt solar facility located on a 160-acre site in Kern County, California.

**Technology**

This 20-megawatt solar facility consists of approximately 80,000 mono-crystalline modules manufactured by SunEdison/MEMC, with an average rating of 325 watts per module. The 160-acre facility uses a horizontal single-axis tracking system from Hiasa/Gestamp and inverters from SMA.

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 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.

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