

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 commercial and industrial customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 49 facilities operating or under construction in 12 states with more than 11,864 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, Texas and Washington.

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. Southern Company brands are known for excellent customer service, high reliability and affordable prices below the national average. For more than a century, we have been building the future of energy and developing the full portfolio of energy resources, including carbon-free nuclear, advanced carbon capture technologies, natural gas, renewables, energy efficiency and storage technology. Through an industry-leading commitment to innovation and a low-carbon future, Southern Company and its subsidiaries develop the customized energy solutions our customers and communities require to drive growth and prosperity. Our uncompromising values ensure we put the needs of those we serve at the center of everything we do and govern our business to the benefit of our world. Our corporate culture and hiring practices have been recognized nationally by the U.S. Department of Defense, G.I. Jobs magazine, DiversityInc, Black Enterprise, Forbes and the Women's Choice Award. To learn more, visit www.southerncompany.com.