

Spectrum Solar Facility

Location

Clark County, Nevada

Fuel Resource

Photovoltaic Solar

Capacity

30 MW

Ownership

Southern Power



Southern Power acquired the Spectrum Solar Facility in September 2012.

Electricity generated by the plant serves a 25-year power purchase agreement with Nevada Power Company, a wholly owned unit of NEVADA Energy. Headquartered in Las Vegas, NEVADA Energy, Inc., provides a wide range of energy services and products to approximately 2.4 million citizens of Nevada and nearly 40 million tourists annually.

Size

The Spectrum Solar Facility is a 30-megawatt solar facility located on a 311-acre site in Clark County, Nevada.

Technology

Multicrystalline solar modules were provided by MEMC with a rating of 280 watts per module. The facility employs a horizontal single-axis tracking system from Array Technologies, Inc. and inverters from Toshiba Mitsubishi-Electric Industrial Systems (TMEIC).

Economic Impact

The project is expected to generate approximately \$8 million in tax revenues over the life of the facility.

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.