
First Solar developed and was the contractor for engineering, procurement and construction of the project. First Solar is also the operation and maintenance contractor for the facility. First Solar manufactures solar modules with an advanced semiconductor technology and provides comprehensive photovoltaic system solutions. 

Electricity generated by the plant serves a 20-year power purchase agreement with El Paso Electric, a regional electric utility that provides generation, transmission and distribution service to approximately 394,000 retail and wholesale customers in a 10,000-square-mile area of the Rio Grande valley in west Texas and southern New Mexico.

**Size**
The project is located on a 597-acre site in Luna County, New Mexico. The electricity generated at the facility powers more than 18,000 homes.

**Technology**
The 55-MW solar project consists of approximately 704,160 thin film photovoltaic solar modules manufactured by First Solar. The modules are rated at approximately 92.5 watts each. The modules are mounted with single-axis trackers. Multiple strings of solar modules are electrically connected in parallel to multiple power inverters. The inverters from Power-One connect to transformers where the energy will be converted to the prescribed interconnection voltage.

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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