

# Cimarron Solar Facility

**Location**

Colfax County,  
New Mexico

**Capacity**

30 MW

**Fuel Resource**

Photovoltaic Solar

**Ownership**

Southern Power



Southern Power acquired the Cimarron Solar Facility in March 2010.

First Solar developed the project and is the contractor for engineering, procurement and construction, as well as operation and maintenance for the facility.

Electricity generated by the plant serves a 25-year power purchase agreement with Tri-State Generation and Transmission Association.

**Size**

The electricity generated at the facility will supply power equivalent to meet the needs of approximately 9,000 homes. Upon commercial operation, the facility will be one of the largest solar photovoltaic plants in the United States

**Technology**

The solar array consists of approximately 500,000 2' x 4' photovoltaic modules manufactured with First Solar's patented thin film semiconductor technology.

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 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.

[southernpowercompany.com](http://southernpowercompany.com)