

Decatur Parkway Solar Facility

Location

Decatur County,
Georgia

Capacity

84 MW

Fuel Resource

Photovoltaic Solar

Ownership

Southern Power



Southern Power acquired the 84-megawatt (MW) photovoltaic (PV) Decatur Parkway Solar Facility in early 2015. The facility entered into service December 2015.

The electricity and associated renewable energy credits (RECs) are being sold under a 25-year power purchase agreement with Southern Company subsidiary Georgia Power, which will have the option to keep or sell the RECs.

Size

The solar facility is located on an approximately 779-acre site in Decatur County, Georgia.

Technology

The project utilizes approximately 1 million of First Solar's thin film photovoltaic (PV) modules, mounted on single-axis trackers.

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. Tracking systems produce more energy because they track the sun's movement throughout the day.

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 own or have the right to own 46 facilities operating or under construction in ten states with more than 12,600 MW of generating capacity in Alabama, California, Florida, Georgia, 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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