

Lamesa Solar Facility

Location

Dawson County, Texas

Capacity

102 MW

Fuel Resource

Photovoltaic Solar

Ownership

Southern Power



Southern Power announced the acquisition of its third Texas solar project in less than a year – the 102-megawatt (MW) Lamesa Solar Facility – from RES America Developments Inc. (RES). Southern Power sells the electricity and associated renewable energy credits (RECs) generated by the facility under a 15-year power purchase agreement to the city of Garland.

RES developed, constructed and serves as the operations and maintenance contractor for the facility. Construction activities began in July 2016, and the facility entered commercial operation in April 2017.

Size

The project is located on 887 acres in Dawson County.

Technology

Lamesa Solar Facility consists of 410,000 tracking polycrystalline solar panels.

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 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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