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.