

ROADRUNNER SOLAR PROJECT

PROJECT FACTSHEET



PROJECT QUICK FACTS

★ **ROADRUNNER SOLAR PROJECT**

Santa Teresa, New Mexico

■ **PROJECT SIZE**

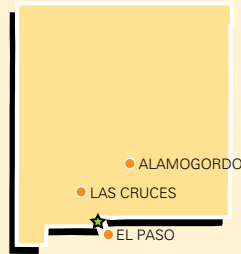
20 MW (photovoltaic)

■ **POWER PURCHASER**

El Paso Electric

■ **ANTICIPATED COMPLETION**

September 2011



Solar photovoltaic panels at NRG's Blythe Solar Project.

PROJECT OVERVIEW

NRG Energy, through its wholly owned subsidiary NRG Solar, is building the 20 megawatt (MW) Roadrunner Solar Project, which is on track to be one of the first large-scale solar project built in New Mexico and one of the largest photovoltaic (PV) projects in the state. Cost-competitive, renewable power generated by the facility will be sold to El Paso Electric under a 20-year power purchase agreement.

The project is located in southern New Mexico in Doña Ana County on industrial-zoned land in a rural setting and within close proximity to the existing electric distribution system. The Roadrunner Solar Project is estimated to use less than 200 acre-feet* of water (predominantly for dust suppression) during the construction period and only two acre-feet per year for panel washing during operation.

The project provides the State of New Mexico with a new source of renewable energy to assist in achieving Renewable Portfolio Standards and solar diversity goals, while boosting the local economy by creating up to 240 construction jobs. By generating clean renewable energy and avoiding any of the carbon emissions that would be produced by a fossil-fueled power plant, the Roadrunner Solar Project will contribute to cleaner air and result in a smaller carbon footprint for the state.

NRG Solar started construction in December 2010 and anticipates completion of the Roadrunner Solar Project by September 2011.

* unit of volume equal to one acre of surface area to a depth of one foot, or approximately 325,000 gallons

NRG Energy, a Fortune 500 company, is one of the nation's largest power generators, with a nationwide portfolio of diverse generation resources, including solar and wind. NRG Solar is developing two complementary technologies—photovoltaics and solar thermal—and owns a 21 MW solar facility in Blythe, Calif., one of the first modern, large-scale solar plants in the United States. Altogether, NRG Solar has more than 2,000 MW of solar projects under development or in construction across the southwestern United States.

PROJECT BENEFITS

- Zero-carbon generation will avoid the annual emission of 27,000 tons of carbon into the atmosphere, the equivalent of taking 4,800 cars off the road
- Will create up to 240 construction jobs
- Commercially proven solar technology
- Minimal water consumption
- Efficient and environmentally friendly power generation
- Helps New Mexico meet renewable energy goals

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