

AGUA CALIENTE SOLAR PROJECT

PROJECT FACTSHEET



PROJECT QUICK FACTS

★ **AGUA CALIENTE SOLAR PROJECT**

Yuma County, Arizona

■ **PROJECT SIZE**

290 MW

■ **POWER PURCHASER**

Pacific Gas and Electric Company

■ **ANTICIPATED COMPLETION**

2014



Solar photovoltaic panels at NRG's Blythe Solar Project

PROJECT OVERVIEW

NRG Energy, Inc., through its wholly owned subsidiary, NRG Solar, has agreed to acquire the Agua Caliente Solar Project from First Solar, which will be the largest solar photovoltaic (PV) project in the world at 290 megawatts (MW) when completed in 2014. Clean, renewable energy generated by the project will be sold to Pacific Gas and Electric Company through a 25-year power purchase agreement.

Situated on 2,400 acres of land between Yuma and Phoenix, AZ, the Agua Caliente project has secured all necessary permits for construction and the early construction phases have begun. NRG has secured a conditional commitment from the U.S. Department of Energy for a federal loan guarantee in connection with the financing of the project.

At full capacity, the electricity generated by Agua Caliente is enough to serve more than 225,000 homes. The project is expected to offset approximately 5.5 million metric tons of CO₂ over 25 years, the equivalent of taking over 40,000 cars off the road annually. The project also provides a boost to the local economy by creating as many as 400 construction jobs, all while generating electricity with no emissions and very little water consumption.

NRG SOLAR OVERVIEW

NRG Solar is developing two complementary technologies—photovoltaics and solar thermal—and owns a 21 MW photovoltaic solar facility in Blythe, Calif., one of the first large-scale solar plants built in the United States since 1990. Altogether, NRG Solar has more than 2,000 MW of solar projects under development or in construction across the southwestern United States.

NRG Energy, Inc. is a Fortune 500 and S&P 500 Index company that is one of the industry's largest providers of electricity and the nation's largest developer of solar power. With diverse generation resources totaling nearly 25,000 megawatts, NRG is able to power nearly 20 million homes and NRG's retail operations provide electricity to 1.8 million customers.

PROJECT BENEFITS

- Zero-carbon generation will avoid the emission of 5.5 million metric tons of carbon into the atmosphere over 25 years, the equivalent of taking over 40,000 cars off the road annually
- Will create up to 400 construction jobs
- Commercially proven solar technology
- Efficient and clean solar power is available for up to 225,000 homes during peak demand hours of the day
- Helps California meet renewable energy goals

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