

BLYTHE SOLAR PROJECT

PROJECT FACTSHEET



Blythe Solar Project

PROJECT QUICK FACTS

- Located in Riverside County, southeastern California
- Approximately 350,000 solar panels
- Generates over 45,000 megawatt-hours per year
- Power purchaser: Southern California Edison
- Plant site size: 200 acres
- Total capacity: 21 MW (photovoltaic)

PROJECT OVERVIEW

NRG Energy, through its wholly owned subsidiary NRG Solar, started commercial operation in December 2009 for a 21 megawatt (MW) solar project in Blythe, located in Riverside County in southeastern California. Clean electricity generated by the facility is being sold to Southern California Edison (SCE) under a 20-year power purchase agreement.

The Blythe Solar Project can provide enough energy at full capacity to serve the needs of about 17,000 homes. It is the first large-scale photovoltaic (PV) solar project built in California since 1990.

The solar array consists of approximately 350,000, 2' x 4' thin film PV panels, specifically designed to deliver clean, affordable, sustainable solar electricity on a large scale. This advanced technology produces energy even in low light conditions (dawn, dusk, cloudy days) and in high temperatures.

This project demonstrates leadership for California in the large-scale solar market, providing the lowest-cost solar energy available and generating Renewable Energy Credits for the State. The Blythe Solar Project displaces over 12,000 tons of carbon dioxide emissions each year, the equivalent of taking 2,200 cars off the road.

The Blythe facility represents the vanguard of NRG Solar's strategy to develop, construct, finance and operate a multi-technology portfolio of solar power assets in North

America. Altogether, NRG Solar has more than 2,000 MW of solar projects under development or in construction across the southwestern United States.

ECONOMIC & ENVIRONMENTAL BENEFITS

- Created approximately 175 jobs during construction
- Used locally sourced materials to the greatest extent possible
- Sited on primarily abandoned and unmaintained land
- No water use during normal operation
- Low visual profile
- Virtually silent operation
- Displaces over 12,000 tons of carbon dioxide emissions each year, the equivalent of taking 2,200 cars off the road

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