



# California Valley Solar Ranch

## Fact Sheet

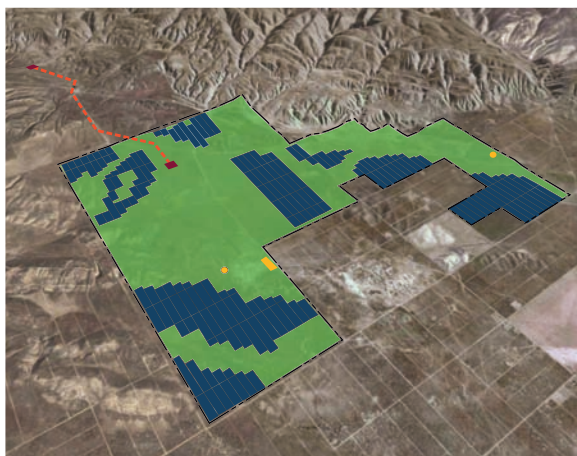
### Quick Facts

Project owner:	NRG Energy
Design/construction:	SunPower
Construction partner:	Bechtel
Electricity off-taker:	PG&E
Total capacity:	250 MW
No. of homes powered:	Approximately 100,000
Technology used:	SunPower Oasis Power Plant with SunPower T0 Trackers
Array and operations acreage:	Approximately 1,500
Total acres protected and conserved:	>12,000
Construction start:	September 2011
First phase operational:	2012
Expected completion:	2013
Construction jobs created:	350

### PROJECT OVERVIEW

The 250-megawatt California Valley Solar Ranch, under construction in eastern San Luis Obispo County, will generate clean, reliable solar power for transmission over PG&E's utility grid. This will help California achieve the 33% renewable energy by 2020 goal.

The SunPower T0 Tracker sun-tracking technology installed on the site is quiet, requires no fuel and needs minimal water. It will generate enough emission-free power for more than 100,000 homes, or nearly every home in San Luis Obispo County. Over its two-year construction period, CVSR is creating approximately 350 jobs during construction and will inject \$315 million into the local economy.





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## BENEFITS

### ECONOMIC

- \$315 million injected into local San Luis Obispo economy during construction and operations.
- \$10 million total tax revenues 350 construction jobs created during construction.

### ENVIRONMENTAL

- About 70% of the site – 3,200 acres – will be permanently conserved and managed to meet conservation objectives for a range of species.
- More than 12,000 acres will be preserved in perpetuity, contributing to a larger conservation and connectivity strategy for the Carrizo Plain.
- Replaces production of up to 333,000 metric tons greenhouse gas emissions per year.
- Designed to minimize annual water use and includes a water recycling plan.
- Incorporates a fencing and alternate wildlife corridor designed to minimize visual impact, grading and species impact.

For more information:

E-mail: [Nicole.Nix@sunpowercorp.com](mailto:Nicole.Nix@sunpowercorp.com)

Toll-free phone: 855-261-1553

[www.californiavalleysolarrranch.com](http://www.californiavalleysolarrranch.com)



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