



## COMPLETION DATE

August, 2008

## LOCATION

Lagunitas, CA

## INSTALLATION TYPE

Ground-mounted fixed array

## SYSTEM SIZE (DC)

57.00 kW

## EQUIPMENT

Evergreen modules  
Solectria inverter

## TERM

15 years with buyout

### PROJECT PROFILE

# Lagunitas School District

Solar Power Partners (SPP) developed an efficient solution for the Lagunitas School District, building a 57.00 kW system that will generate about 86,000 kilowatt hours (kWh) annually. Working quickly to determine the needs of the school district, SPP prepared a solar Power Purchase Agreement that allowed for no upfront cost to the school while still providing a significant positive return. The system now provides an estimated 70% of the school's annual power needs and is expected to provide a cumulative savings to the school district of over \$110,000 over the contract term. If the school district utilizes its extension options, cumulative savings could be greater than \$420,000.



## DESCRIPTION

While the Lagunitas School District was in the process of constructing new buildings at their elementary schools, the District secured a solar rebate as part of a green initiative program, and planned to construct a solar energy system that would help protect the school district against increasing electricity prices. Solar system requirements for the Lagunitas School included no upfront capital and one that offset carbon dioxide in a measurable way.

## CHALLENGES

With the solar program rebate set to expire within a matter of weeks, the Lagunitas School District needed a quick but viable solution to installing a solar energy system. The terms of the solar Power Purchase Agreement would need to be flexible and the partner would need to be committed to seeing the project through all phases of implementation.

## APPROACH

The green-minded Lagunitas team contacted SPP, who efficiently provided a workable solar PPA solution. SPP worked with integrator Borrego Solar, who utilized US-manufactured Evergreen solar modules that feature the smallest carbon footprint of any PV manufacturer. The site for the installation was originally intended for rooftops, an orientation that would lead to low production and a higher rate. SPP collaborated with Borrego Solar to ensure the ideal, most efficient site for the system.



## RESULTS

SPP met the expectations, secured an integration partner, and financed the solution in a short amount of time. This enabled the delivery of a solar solution at no upfront cost to the school while providing a significant positive return on zero dollars invested.

The installation was constructed over the summer and completed before the new school year began.

The solar facility provides an estimated 70% of the school's annual power needs, generating approximately 86,000 kilowatt hours (kWh). The Lagunitas School District expects a cumulative savings of \$110,000. If the school district utilizes its extension options, cumulative savings could be greater than \$420,000 over its lifetime.



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100 Shoreline Highway, Suite 210 B, Mill Valley, CA 94941  
415.389.8981  
[www.solarpowerpartners.com](http://www.solarpowerpartners.com)