

Case Study:

West Marine Products, Inc.

Santa Cruz, CA

“Our system, designed and installed by Solar Technologies with Kyocera panels and Sunny Boy inverters, provided the environmental and financial payback we were looking for.”

Randy Repass, Chairman of the Board for West Marine Products, Inc.

System Specifications

System Size

57.6 kW

Estimated Yearly Power Production

82,000 kW

Offset Percentage

65%

System Configuration

- Utility Interaction** - Grid Connected
- Solar Modules** - 480 Kyocera KC120-1
- Inverters** - SMA SunnyBoy

Mount Structure

A unique rack to roof stand-off system of fiberglass reinforced plastic channel to support the rack mounts.

Financial Incentive

- 50% - CPUC Rebate
- 15% - After Rebate CA State Tax Credit
- 10% - Federal Tax Credit
- 30% - Depreciation Allowance in the first year

Unique Feature

A unique support system was used for the inverters mounted under the solar modules on the roof. This support system was integrated into the module tilt racks, adding minimal weight and material. The inverters stay within their operating temperature limits and do not de-rate due to temperature even on the hottest days of summer.

Location

2450 17th Avenue, Santa Cruz, CA 95062

Date Completed

June 2003

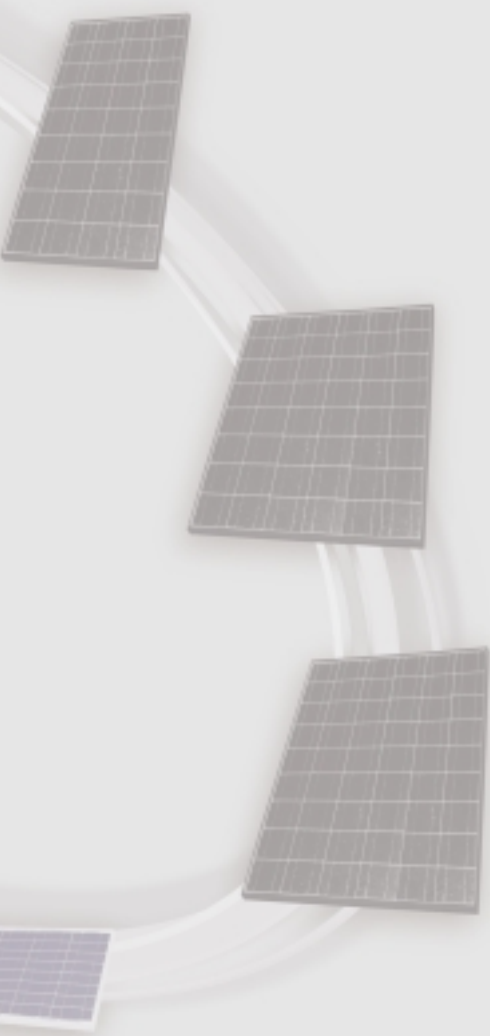
Installer

Solar Technologies



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Santa Cruz, CA



About Solar Technologies

Solar Technologies is the number one resource for renewable energy solutions. Our experienced team of knowledgeable experts has been providing solar energy systems since 1970. All of our systems rigorously adhere to the National Electrical Code, resulting in a safe and long-lasting installation. We're proud of our honest work, our attention to quality and our satisfied customers who have turned their good intentions into reality by transforming their rooftops into clean, emission-free power plants fueled by the sun.

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About Kyocera Solar

Kyocera Solar, Inc. is a world-leading supplier of environmentally sound, solar electric energy solutions, with headquarters in Scottsdale, AZ and sales affiliates in Brazil and Australia. Kyocera's expertise is based upon designing, manufacturing, and installing the most technologically advanced solar electric power systems available today. With thousands of successful installations worldwide, Kyocera continues to be the leader in the solar electric industry.

The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyoto, Japan-based Kyocera Corporation (NYSE: KYO).

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