

## Case Study:

### **Parducci Winery**

Ukiah, California (Mendocino County)

*“Parducci is continuously striving to be America's Greenest Winery. Implementing solar energy is an important step toward our goal of true, long term sustainability.”*

– **Tom Thornhill**, Co-owner of Parducci Winery

## System Specifications

### **System Size**

99.657 PTC (AC) kW

### **Estimated Yearly Power Production**

181,875 kWh

### **System Configuration**

**Utility Interaction** - Grid Connected

**Solar Modules** - 592 Kyocera KC200GT

**Inverters** - 1 Xantrex 100 kW inverter

### **Mount Structure**

Professional Solar Products Roof Trac Mounting kits with tilt kits

### **Unique Feature**

System was installed on the roof of the original winery and tank storage room. The building roof was replaced a few years ago and the original winery, barrel storage rooms and lab, was consolidated under one roof.

### **Unique Fact**

The First Carbon Neutral Winery in the United States.

### **Location**

501 Parducci Road, Ukiah, California 95482

### **Date Completed**

April 2007

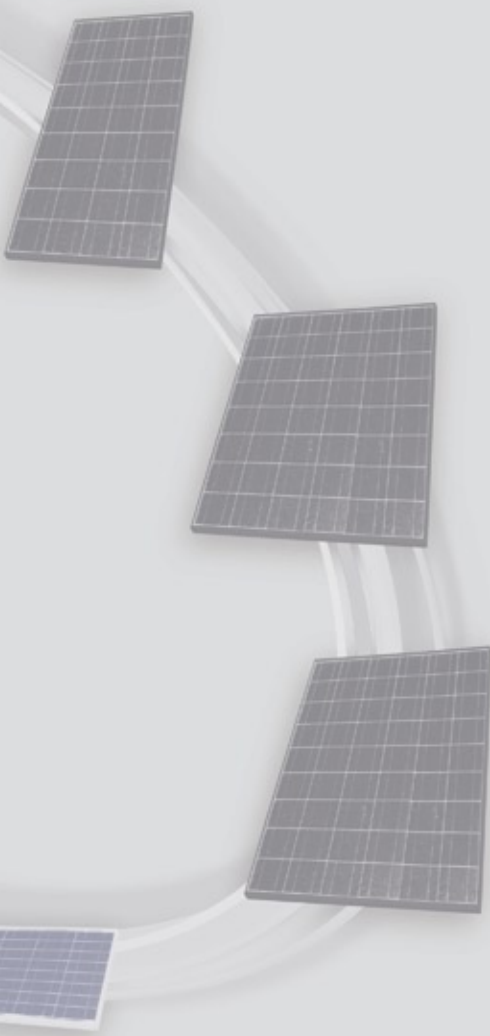
### **Installer**

Advance: Solar, Hydro, Wind Power Co. Inc.



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## **About Advance: Solar, Hydro, Wind Power Co. Inc.**

Advance: Solar, Hydro, Wind Power Co. Inc. is a licensed solar and electrical contractor (C-10 & C-46, #620243) and state licensed energy auditor (# 840325). The company specializes in the design, installation, and repair of solar systems on and off grid. Since 1978, Advance Power has been installing systems across the western United States, including California and Oregon.

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## **About Kyocera**

**Kyocera Solar, Inc.** is a world-leading supplier of environmentally sound, solar electric energy solutions. With operating headquarters in Scottsdale, AZ and regional sales centers in the U.S., Brazil and Australia, Kyocera Solar, Inc. serves thousands of customers in both developed and developing regions. The company is a wholly-owned subsidiary of Kyocera International, Inc. of San Diego, the North American headquarters and holding company for Kyocera Corporation, based in Kyoto, Japan. For more information please visit [www.kyocerasolar.com](http://www.kyocerasolar.com).

**The Kyocera Corporation** (NYSE: KYO) is the parent and global headquarters of the Kyocera Group, founded in 1959 as a producer of advanced ceramics. By combining these engineered materials with metals and plastics, and integrating them with other technologies, Kyocera Corporation has become a leading supplier of solar energy systems, telecommunications equipment, laser printers, copiers, semiconductor packages, electronic components and industrial ceramics. In fiscal year ending March 31, 2008, the company's net sales totaled 1.29 trillion yen (approximately \$12.9 billion). For more information please visit <http://www.kyocera.com>.

Under continuous development since 1975, solar energy products recently became Kyocera's fastest growing business. By 2011, Kyocera plans to be producing 500 megawatts of solar modules annually – a "carbon impact" comparable to adding 146 square miles of forest to the Earth every year.

THE NEW VALUE FRONTIER



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