

When it came to Solar, Terre Rouge & Easton Wines chose Premier Power

Background

Terre Rouge & Easton Wines are located on the West Slope of the Sierra Nevada in Amador County's Shenandoah Valley, California and their wines are made from vineyards in four Sierra Foothill counties: Placer, El Dorado, Amador, and Calaveras. President and Winemaker Bill Easton has been in the wine trade for over 30 years, not only as a winemaker, wine retailer, importer, and vineyard consultant but also as a steward of sustainable farming practices.

Sustainable farming

Part of the environmentally conscious practices, going solar was "the natural next step" for the winery. Premier Power designed, engineered and installed the solar system on the roof of the main winery building to seamlessly blend in with the surroundings, without taking away any valuable land or interrupting the daily operation of the winery.

Clean electricity gives financial benefits

With the new solar system, Terre Rouge & Easton Wines received over \$44,000 from government incentives and rebates, which equated to over half of the system cost. Although electric rates in California have been increasing 6.7%* annually for the past 25 years, Terre Rouge & Easton Wines will enjoy over 25 years of peace of mind by not worrying about rising energy costs. "Instead of \$500 electric bill, our first solar electric bill was \$11.24" said Bill Easton.

*source: California Public Utility Commission

Project Overview

Project location Fiddletown, CA
System Completion January 2004
Solar System Type. Metal Roof Mount System
System Size 14.45 kW-DC

System Configuration

Solar System. Metal Roof Mount System
Modules used85 GE 165W
Inverters. 7 SMA

Performance Facts *

Estimated annual production 18,049 kWh

Environmental benefits, annually[†]

Greenhouse gases reduction (CO₂) 28,315 lbs
Gasoline not consumed 1,458 gallons
Oil not consumed. 29.9 barrels
Cars not driven 2.4 cars
Railcars of coal not burned 0.07 railcars
Offset CO₂ emissions from electricity
use from homes. 1.7 homes

Sources:

* PV Watts Solar Energy Calculator (<http://www.pvwatts.org>)

† U.S. Environmental Protection Agency

(<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>)

www.premierpower.com
877.939.0400

CA License# 831223



Premier Power
Your solar electricity specialists

“Instead of a \$500 electric bill, our first solar electric bill was \$11.24.”

Bill Easton, President of Terre Rouge

Before

PG&E Pacific Gas and Electric Company WE DELIVER ENERGY.

ELECTRIC ACCOUNT DETAIL

Service ID #: 7165020005 WB4 TASTING ROOM
 Rate Schedule: A1 Small General Service
 Billing Days: 29 days

Rotating	Outlet	Meter #	Price	Current	Meter	Usage
Code	Code		Per kWh	Month	Constant	Units
11	50	767717	24.656	36,793	2,113	2,113 Kwh

Charges:

Account	Description	Amount
07002003 - 08022003	Electric Charges	\$271.92
	Legislated 10% Reduction	32.19*
	Energy Surcharge-S (ES)	21.15
	S.S. Summer	129.24
	Net Charges	\$441.02

The net charges shown above include the following component(s). Please see definitions on Page 2 of the bill.

\$200.00
12.32
103.84
9.97
3.74
21.40
10.84

before solar \$441

TOTAL CHARGES: \$441.02

Usage Comparison	Days Billed	Kwh Billed	Kwh per Day
This Year	29	2,113	72.9
Last Year	29	1,731	59.7



After

Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY
 ELECTRIC DETAIL OF BILL
 April 04, 2005 to May 04, 2005

WILLIAM EASTON
 8080 DICKSON RD.
 PLYMOUTH, CA 95669

USAGE HISTORY

MONTH	BILL	SCHEDULE	TOTAL CHARGES	TOTAL USAGE
Mar 2005	0105007	A 1	\$-49.38	-574
Apr 2005	0005010	A 1	\$-34.89	-303
May 2005	0005005	A 1	\$-7.29	-60
Feb 2005	0005005	A 1	\$-1.04	-71
Jan 2005	0005005	A 1	\$4.65	70
Dec 2004	0105004	A 1	1.41	7
Nov 2004	0105004	A 1	81.31	60
Oct 2004	0105004	A 1	\$11.47	871
Sep 2004	0005004	A 1	\$-1.77	79
TOTALS			\$-8.88	-249

avg./mth. \$-2.00

