

# SOLAR SAVE®

## PRODUCT USED

SOLARSAVE® ROOFING TILES

## PROJECT NAME

RESIDENTIAL HOUSE

## OVERVIEW

Eagle Roofing Products secured a private residential re-roofing project with SolarSave® Roofing Tiles through Eagle's customer, Century Roof Tile of Hayward, CA. In offering a new roof to the customer, who needed to replace his existing wood shake roof, Century suggested an integrated solar roof tile.

The homeowner was excited at the prospect of installing a non-polluting electricity source for his home while providing double duty as a new roof system. "Integrating the solar system into the roof during the re-roof process saved money for the homeowner and provided a very clean look. It was an easy choice for my customer," stated Tony Diaz of Century Roof Tile.

The system consists of 99 SolarSave® Roofing Tiles, an inverter, and combiner box all manufactured by Open Energy. The solar system is rated at 2.9 kw AC and is expected to produce 60 to 70% of the homes total annual electricity needs. The system qualified for the California Energy Commission rebate of \$2.60 per AC watt.

Deets Electric of Castro Valley, CA was the installing electrical C-10 contractor on the job.



SolarSave® Roofing Tiles



## PROJECT BACKGROUND

Project info	To introduce an element of multi-functionality to building integrated Photovoltaic, creating systems, which produce energy while meeting required needs and desirable features of urban residential house.
Full address	San Jose, CA residence (owner privacy requested)
Project start date	August 25, 2006
Project end date	August 27, 2006
Describe solution	Provide solar power to home on a newly installed roof system
Describe challenge	Integrated solar electric roofing tiles installed during re-roof process
System size	2.9 kw AC – 99 SolarSave® Roofing Tiles
Estimated monthly production	430 kwh/month
Products used	SolarSave® Roofing Tiles, OE 4000 inverter, OE CB-10 Combiner Box
Installation weight	4 lbs. per sq. ft.
Installation size	300 sq. ft. solar tiles within new roof system of 2800 sq. ft.
Roof type	Eagle-Light concrete tile - Ponderosa brand for re-roof



"Most Trusted Name in Roofing"

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Century Roof Tile is a Hayward, CA based company dedicated to the development of renewable energy solutions. Our mission is to enhance life by harnessing the power of the sun.