

2007 INTELEGANT AWARD WINNER



Courtesy of Clean Power Systems

SunPower saves the Aguiar's more than \$1,000 per month with clean solar power

John Aguiar, a pool contractor in Yorba Linda, California, knows the importance of energy efficiency. After paying summer electricity bills in excess of \$1,000, he knew his family needed a more efficient way of meeting its electricity needs. To save money and reduce energy consumption, Mr. Aguiar installed a SunPower® Residential Solar Electric System on his home, which produced 700 kilowatt hours (kWh) more energy in month one than the family used, virtually eliminating the family's energy bill. The investment in the SunPower system, which was installed in February 2007, will pay for itself in less than 8 years.

PROJECT OVERVIEW

Location: Yorba Linda, California

Completed: February 2007

System Size: 10.2 kW

PV Surface Area: 800 SF

Number of Panels: 54

Products: SunPower® 215 Solar Panels

BENEFITS

- Eliminates electric bills of \$1,000 during summer months
- Attractive design integrates nicely with existing rooftop
- Fast installation & reliable operation with no maintenance
- Will realize ROI in 8 years
- Will reduce harmful CO₂ emissions by 7 tons annually, which is equivalent to not driving over 17,000 miles

“SunPower helped our family meet our electricity needs while lowering energy costs and reducing our carbon footprint. I couldn’t be happier with this investment.”

John Aguiar
Yorba Linda Homeowner

APPEARANCE AND QUALITY MAKES A DIFFERENCE

After extensive online research of residential solar electricity solutions, the Aguiar family chose SunPower. Important considerations included long-term quality and ease of installation, which the family felt were worth a premium. Choosing a trustworthy supplier was essential. “We know SunPower has been in business for a long time, and we trust their solar technology and track record,” said Aguiar. “Although SunPower was not the cheapest option, we felt it was the safest and most reliable long-term solar solution.” In combination Clean Power Systems, the Aguiar’s SunPower Premier Dealer offered the highest quality installation they could find.

Another key consideration was the appearance of the system on the roof. “The way this system was designed does not interfere with the aesthetic appearance of our backyard, and this was important to us,” said Aguiar. The family chose all-black SunPower panels to match the roof, and the design integrated extremely well with the existing roofline.

ENERGY COSTS DROP EVEN AS TEMPERATURES RISE

Typical temperatures in Yorba Linda are high—90-100 degrees during the summer. As a result, the Aguiar family would commonly spend more than \$1,000 per month attempting to cool their home during hot summer months. Even winters were expensive—\$250 per month or more. By installing the SunPower solar electric system, the family virtually eliminated its electricity bills, and the system will pay for itself in 8 years or less.

EXCEEDING EXPECTATIONS AND POSITIVE ENVIRONMENTAL IMPACT

After a four day installation, the Aguiar family was impressed with the level of service they received from their SunPower Dealer, and pleased with being able to make a positive environmental impact by reducing their energy consumption. “Both SunPower and their Dealer exceeded my expectations,” said Aguiar, “both their installers and service representatives are responsive and knowledgeable. They delivered what they promised. Now I just watch my electric meter going backwards!”

SUNPOWER®

Premier Dealer

CLEAN POWER
SYSTEMS

“By using SunPower panels we were able to help the Aguiars to realize no electric bill. Other solar panels would have required more space than they had on their roof, and John and Carol would have been left still paying an electric bill.”

Kirk Mulligan, CEO, Clean Power Systems, Inc.

Clean Power Systems provides turnkey solutions that are recognized for setting the standard in the market place for high-quality, highly aesthetic, fair-priced solar electric systems. Clean Power Systems, Inc. (CPS) is a full service solar electric firm saving its clients thousands of dollars each year through the design, engineering, sales, installation, and service of solar electric systems through-out Southern CA.