



CASE STUDY  
**SAN FRANCISCO ZEN CENTER**  
 HOUSE OF WORSHIP

System Size	<b>20 kW DC</b>
Solar Equipment	<b>120 Sharp 175</b>
Est. Production	<b>28,770 kWh/year</b>
Est. CO <sup>2</sup> Avoided	<b>34,524 lbs/year</b>
Est. Load Covered	<b>over 50%</b>



In 2008 The Zen Center earned an 'Energy Oscar for Environmental Commitment' presented by California Interfaith Power & Light.

**The Project Challenge**

As a result of their dedication to the environment the Zen Center contacted Sun Light & Power to install a photovoltaic system in order to reduce their carbon footprint. Because the Zen Center occupies an historic building designed by Julia Morgan in 1922 it was imperative to preserve the integrity of the building's aesthetic.

**The Sun Light & Power Solution**

Sun Light & Power is dedicated to providing customized renewable energy systems. Design Consultants and Engineers worked with the Center's building plans to insure that the system would be designed to suit the original construction. To keep the profile of the system virtually invisible from the street level while maintaining the highest possible level of efficiency, the panels were strategically placed close to the roof, yet elevated enough to prevent shading from the parapet. Additionally, all fire code access requirements were honored. The result is a seamless integration of modern technology into a landmark building design.

**"... had never worked with a better contractor... crew was the most competent and professional."** J.L. Zen Center



➤ **Environmental Benefits**

Every year this system removes the equivalent of 4 cars from the road, or prevents 48 barrels of oil from being drilled, transported and burned. It would take 4.4 acres of trees to sequester this much CO<sup>2</sup> from the atmosphere every year.

➤ **Financial Savings**

For the Zen Center as a non-profit organization, it is especially important to reduce variable operating costs. This system will significantly reduce their electricity bills, provide years of free energy and generate thousands of dollars in future savings.

➤ **Customer Profile**

The San Francisco Zen Center, established in 1962, is one of the largest Buddhist 'sanghas' outside of Asia, offering meditation, monastic retreats, classes, lectures and workshops. The Center also functions as a residence. Its members are deeply committed to community outreach, working for peace and environmental protection.

➤ **Sun Light & Power Profile**

Passionate people tend to get very good at what they do. With 34 years of experience as a leader and pioneer in the solar industry, Sun Light & Power is dedicated to providing the highest possible design, engineering and installation expertise for solar electric and thermal energy needs and places high value on lasting customer relationships.

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