

CASE STUDY

AZAHAR PLACE

MULTI-FAMILY HOUSING

PV System Size	72.2 kW DC
PV Equipment	380 Suntech 190
Est. First Year Production	109,009 kWh
Est. CO ² Avoided	164,832 lbs/year
Total load offset	20%



THE PROJECT STORY – FARMWORKER HOUSING

Azahar Place Apartments is a community of 60 affordable rental apartment homes in the City of Ventura. Half of the apartments are for rent to farmworker families and the other half are general occupancy affordable rentals. General occupancy units target families earning 60 percent of the area median income (AMI). The farmworker units are for households earning 30-45 percent of the AMI. This project is the first LEED for Homes certified development in the City of Ventura, serving as a model for sustainable living.

“This project is going to be very, very green. We’ve got five different green specifications. We’re going to get the project as close to net zero as possible.”
- Dan Hardy, Senior Project Manager, CEDC

THE SUN LIGHT & POWER SOLUTION

Comprehensive design/build services were provided to the Cabrillo Economic Development Corporation (CEDC) to help bring their environmental goals to fruition. SLP brings this turnkey approach to projects throughout California across a wide range of utilities. This was one of the first Virtual Net Metering projects in SCE territory. SLP worked with the utility, the client, and the GC to get this complex project delivered on time and on budget. A PV system was installed on each building to offset every home’s energy consumption. A PV system was also added to the community building so renewable energy could power the storage room, meeting area, computer facility, restrooms, and property management offices.



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“Any opportunity we had to get a green point, we took it,” Cabrillo CEO Nancy Conk said. “Children who grow up here will grow up thinking, ‘Of course we get our energy from the sun. Doesn’t everyone?’”

-Ventura County Star



ENVIRONMENTAL BENEFITS

Every year this system removes the equivalent of 16 cars from the road, or prevents 8,576 gallons of gasoline from being burned. It would require 62.7 acres of forest to sequester this much CO2 annually.

FINANCIAL BENEFITS

The solar PV systems at Azahar Place will provide clean energy for years to come and are expected to generate \$17,715 in annual savings.

This project will also receive over \$218,000 in incentives from the New Solar Homes Partnership.

CUSTOMER PROFILE

CEDC’s mission is to provide affordable homes with an emphasis on resident ownership and control; to develop effective community organizations; to develop community facilities that serve the low-income community; to implement other economic development activities that benefit the low-income community; and to advocate in the field of community economic development. Learn more at www.cabrilloedc.org

SUN LIGHT & POWER PROFILE

Passionate people tend to get very good at what they do. With 36 years of experience as a leader and pioneer in the solar industry, Sun Light & Power provides 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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