

# Shen Solar House

## San Jose, CA

### **Summary and Benefits**

System Size:	3.1 CEC-AC
Annual Production:	5,384 kWh
Old Electric Bill:	\$126
New Electric Bill:	\$14
Cost Savings (25 years):	\$64,290
% Power Offset:	59%
% Electric Bill Offset:	89%
IRR over 25 years:	12.1%
Simple Payback:	12 years

### **System Profile**

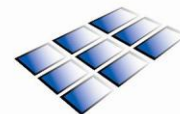
Modules:	18 Sharp ND-208U1
Inverter:	Fronius IG 4000
Standoffs:	6" ProSolar Fast Jacks
Racking:	ProSolar

### **House Profile**

The electrical service panel at the Shen house is located on the front of the house, down a walkway to their backyard. They can't help but look at the inverter every time they are walking by to see how much energy they are producing.

### **Components Profile**

The Shen house is located in the East foothills of San Jose where the top of their array is viewable from the street. We painted the silver flashings to match the roof color for better aesthetics.



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