

# Martin Solar House Fremont, CA



## **Summary and Benefits**

System Size:	1.7 kW CEC-AC
Annual Production:	2,954 kWh
Old Electric Bill:	\$48
New Electric Bill:	\$7
Cost Savings (25 years):	\$28,016
% Power Offset:	59%
% Electric Bill Offset:	85%
IRR over 25 years:	10.7%
Simple Payback:	17 years

## **System Profile**

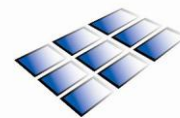
Modules:	10 Sharp 208 ND-208U2
Inverter:	Fronius IG 2000 kW
Standoffs:	Fast Jack 7" Standoffs
Racking:	Unirac

## **House Profile**

The Martin house has a concrete tile roof which presents some technical hurdles for installation, but in the end the wires can be ran underneath the tiles for a clean aesthetic look.

## **Components Profile**

The Martins' wanted their inverter mounted in the garage for a daily reminder of the money they were saving and for a daily review of their solar production.



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