

# McGuire Solar House

## San Jose, CA

### Summary and Benefits

System Size:	2.7 CEC-AC
Annual Production:	4,725 kWh
Old Electric Bill:	\$129
New Electric Bill:	\$48
Cost Savings (25 years):	\$44,969
% Power Offset:	44%
% Electric Bill Offset:	62%
IRR over 25 years:	12.2%
Simple Payback:	14 Years

### System Profile

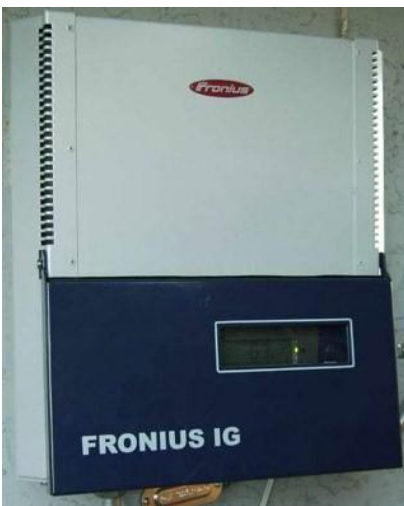
Modules:	18 Evergreen 180 SL
Inverter:	Fronius IG 4000
Standoffs:	6" Fast Jacks
Racking:	Unirac

### House Profile

The McGuire's contacted us right after they had started construction on an addition to their home. This provided a unique situation where we could mount the standoffs for their system before the shingles were laid on the roof. This virtually eliminates the potential for future water leaks.

### Components Profile

The solar modules were mounted over the garage, where the support structure needed to be reinforced before the County would approve the permit for the system.



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