

# Investment, Incentive and Energy Savings Analysis

Incentives and energy savings depend upon several factors that may not be represented in this analysis.

A trusted tax professional should verify the figures provided.

OnGrid Solar provides assistance with all applications for applicable tax incentives and rebates.

OnGrid Solar does not take responsibility for any future changes in tax law or other incentives.

## A personalized solar electric analysis for:

### Mr. Sunny Customer

Solar User Inc.  
 (408) 111 1111H, (408) 222 2222C, (408) 333 3333x333W  
 cust@buyer.com  
 117 So Mary Ave, #30  
 Sunnyvale, CA 94087



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Site Location:  
 117 So Mary Ave, #30  
 Sunnyvale, CA 94087

Utility: PG&E  
 Starting Rate: PG&E A1 -- Small Commercial, Non-TOU, Non-Demand  
 Ending Rate: PG&E A6 -- Small, Med & Large Commercial, TOU, Non-Demand

System Information	Cost Information
Proposed System Size <b>12.272 kW DC (STC)</b>	Proposed System Cost per rated Watt <b>\$9.02 per CEC AC Watt</b>
System's CEC Rating <b>10.220 kW AC (CEC)</b>	Estimated Federal Tax Bracket <b>35.0%</b>
Location's Avg Sun Hours <b>5.3 Sun Hours</b>	Current Utility Rate are as high as <b>16.4 ¢/kWh</b>
	Current Utility Rate Average <b>16.4 ¢/kWh</b>
Estimated Annual Production <b>16,650 kWh/yr</b>	Estimated First Year Utility Savings <b>\$2,923 per year</b>

<b>Gross System Cost with Sales Tax</b>	<b>\$92,891</b>
<b>Rebate Buy Down</b>	<b>-\$26,572</b>
<b>Federal Tax on Rebate Buy Down</b>	<b>\$9,300</b>
	<b>\$0</b>
<b>Federal Tax Credit</b>	<b>-\$27,867</b>
<b>MACRS Accelerated Depreciation</b>	<b>-\$32,172</b>
<b>System Cost After all Incentives</b>	<b>\$15,580</b>

### Payback / Return on Investment **8.2 Years**

Year	Average Utility Rate ¢/kWh	Utility Savings \$/year	Net Utility Savings After-Tax & Maintenance	Tax & Rebate Incentives	Cost / Payback Schedule
0				\$26,572	(\$66,319)
1	16.4	\$2,923	\$1,595	\$25,002	(\$39,722)
2	17.3	\$3,055	\$1,669	\$10,295	(\$27,759)
3	18.1	\$3,192	\$1,745	\$6,177	(\$19,837)
4	19.0	\$3,336	\$1,825	\$3,700	(\$14,312)
5	20.0	\$3,486	\$1,909	\$3,700	(\$8,703)
6	21.0	\$3,643	\$1,996	\$1,866	(\$4,841)
7	22.0	\$3,806	\$2,088		(\$2,753)
8	23.1	\$3,978	\$2,183		(\$570)
9	24.3	\$4,157	\$2,283		\$1,713
10	25.5	\$4,344	\$2,388		\$4,101
11	26.8	\$4,539	\$2,497		\$6,598
12	28.1	\$4,744	\$2,611		\$9,209
13	29.5	\$4,957	\$2,731		\$11,940
14	31.0	\$5,180	\$2,856		\$14,796
15	32.6	\$5,413	-\$1,252		\$13,544
16	34.2	\$5,657	\$3,123		\$16,667
17	35.9	\$5,911	\$3,266		\$19,933
18	37.7	\$6,177	\$3,415		\$23,348
19	39.6	\$6,455	\$3,571		\$26,919
20	41.5	\$6,746	\$3,735		\$30,654

MACRS Depreciation Schedule		
Based on System Net Cost minus 1/2 Fed Tax Cre		\$52,386
Federal Depreciation		\$27,635
State Net Depreciation (factoring federal taxes)		\$4,537
Year	State Net Depreciation	Federal Depreciation
1	\$907	\$5,527
2	\$1,452	\$8,843
3	\$871	\$5,306
4	\$522	\$3,178
5	\$522	\$3,178
6	\$263	\$1,603
7	\$0	
8	\$0	
9	\$0	
10	\$0	
11	\$0	
12	\$0	
<b>TOTALS</b>	<b>\$4,537</b>	<b>\$27,635</b>

**Congratulations using a 6% cap rate  
 this project could increase your  
 building's value by: \$48,717**

Carbon Dioxide and Environmental Benefits:
Based on estimated production, this system will reduce emissions by:
<b>326 tons of CO2 over 25 years</b>
It's the environmental equivalent of:
<b>1,062,442 miles not driven                      or 5.6 acres of trees planted</b>