

SOLAR ENERGY SITE ANALYSIS & QUOTATION

Your solar energy system can be used to provide 40%, 50% or 100% of your domestic energy needs.

Date:

February 20, 2008

Client:

Michael Shames  
6975 Camino Amero  
San Diego, CA 92111

**SOLAR ENERGY SITE ANALYSIS  
AND QUOTATION**

from  
Stellar Solar



Michael Shames  
6975 Camino Amero  
San Diego, CA 92111

February 20, 2008



SUNPOWER

**SOLAR ENERGY SITE ANALYSIS & QUOTATION**

Your solar energy system can be sized to provide 50%, 60% or 100% of your current energy needs.

Date:

February 28, 2008

Client:

Michael Powers  
 6876 Camino Arroyo  
 San Diego, CA 92111

Estimated Monthly Energy Usage (kWh/Month)	450	450	450
Estimated Monthly Energy Expense:	\$67.05	\$67.05	\$67.05
Current Energy Rate (per kWh)	\$0.149	\$0.149	\$0.149
Available Array Space (sq ft)	200	200	200
Roof Orientation:	South (180°)	South (180°)	South (180°)
Roof Pitch:	17°	17°	17°
Roof Type:	Asphalt Shingle	Asphalt Shingle	Asphalt Shingle
System Size (DC-kW)	2.10	2.45	2.88
System Size (AC-kW)	1.78	2.08	2.52
No. of Modules (SP Solar 175-watt)	12	14	17
No./Size Inverters	(1) Xantrex GT 3.3	(1) Xantrex GT 3.3	(1) Xantrex GT 3.3
Est. Avg Monthly Energy Output (kWh/Month)	277	323	392
Percentage of Current Usage:	62%	72%	87%
Roof Space (sq. ft.) Required	181	203	246
Retail Price:	\$19,333	\$24,979	\$24,879
Available Suction (\$3.20/watt)	(\$3,913)	(\$4,593)	(\$5,543)
Estimated Design Factor:	1.000	1.000	1.000
Estimated OPAC Suction Allowance	(\$3,913)	(\$4,593)	(\$5,543)
<b>Sub-Total</b>	<b>\$15,420</b>	<b>\$20,314</b>	<b>\$19,336</b>
Tie Roof Charges (\$80 per module)	\$960	\$1,120	\$1,360
<b>Agreement Amount</b>	<b>\$16,380</b>	<b>\$21,434</b>	<b>\$20,696</b>
2006 Federal Tax Credit (30%-\$2000 Max)	(\$2,000)	(\$2,000)	(\$2,000)
<b>Net Investment Amount:</b>	<b>\$14,380</b>	<b>\$19,314</b>	<b>\$17,356</b>
Remainder* electric usage (kWh per month)	173	127	58
Remainder* electric bill (per month)	\$25.74	\$18.93	\$7.37
Monthly electric bill Savings	67.0%	71.8%	89.0%
Net Cost per AC Watt	\$7.59	\$9.33	\$6.88
Lifetime Electricity Cost (per kWh)	\$0.125	\$0.157	\$0.123
Increased Asset Value to Home (Year 1)	\$10,777	\$12,196	\$14,323
Increased Asset Value to Home (Year 3)	\$14,827	\$16,588	\$19,479
Terms: 10% Down, 60% on Delivery, Balance Due Upon Completion	<p>Michael Powers          Solar Sales          615-716-8442          michael@solarsales.net</p>		