



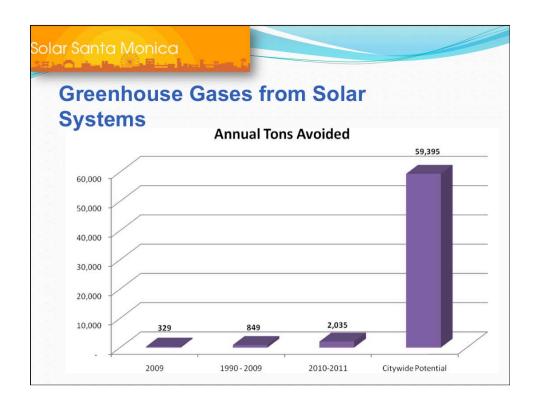
Sustainability/GHG Goals and Targets

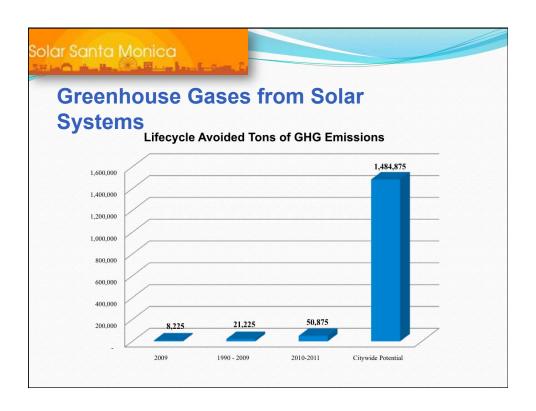
Adoption of 2010 Sustainable City Plan Targets

- 25% of City electricity will come from renewable sources
- 1% of City electricity will come from clean, distributed generation sources

Greenhouse Gas Emission Reduction Targets

- At least 30% below 1990 levels by 2015 for City operations
- At least 15% below 1990 levels by 2015 citywide





Net Lifecycle	Savings			
	Estimated Lifecycle Savings per kW	Total Lifecycle Savings		
2009	27,343	\$6,600,019		
1990 - 2009	13,672	\$20,110,777		
2010-2011	13,672	\$48,260,395		



List of Free Services

For Homeowners:

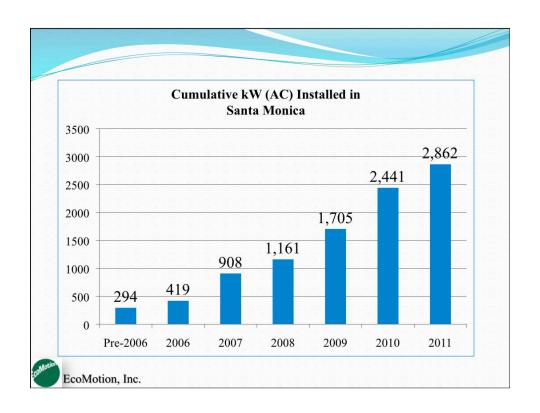
- Online Energy Survey
- •Solar Potential Finder/Cost Estimation
- •Referrals to over 17 energy efficiency contractors and 24 local solar contractors
- •Bid Comparison Service

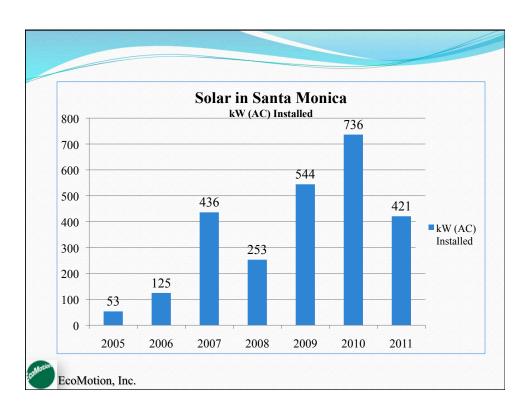
For Business Owners:

- •In-person Site-check
 - •An energy specialist will assess the utility bills, appliances, the building envelope, electronics, heating and air conditioning, lighting, water and safety.
- ·Bid Comparison Service

Solar Santa Monica - 1212 5th Street, First Floor - (310) 458-4992 - www.solarsantamonica.com

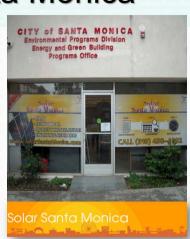
SHLO	anta M	All	na Kan	non-Gr	Lan	llai	ia s	Solar	AI	iaiy	/515
Lantana S	olar System	Compariso	n - Mar	ch 1, 20	10						
West: 61 kW		5% Utility Inflation		6.7% Utility Inflation		10% Utility Inflation					
	Gross Cost	Net Cost	IRR	Payback	25 yr Savings	IRR	Payback	25 yr Savings	IRR	Payback	25 yr Savings
\$5.50/ watt	\$335,332	\$46,665	13.40%	5.1 yrs	\$879,466	14.70%	5 yrs	\$1,115,416	17.30%	4.9 yrs	\$317,966
56.50/ watt	\$396,302	\$67,702	11.30%	6.3 yrs	\$873,835	12.60%	6.1 yrs	\$1,042,083	15.20%	5.B yrs	\$1,801,764
\$7.50/ watt	\$457,271	\$88,739	9.60%	7.7 yrs	\$868,205	10.90%	7.3 yrs	\$1,104,154	13.60%	6.8 yrs	\$1,796,133
Center: 52 kW		5% Utility Inflation		6.7% Utility Inflation		10% Utility Inflation					
	Gross Cost	Net Cost	IRR	Payback	25 yr Savings	IRR	Pavback	25 yr Savings	IRR	Pavback	25 yr Savings
55.50/ watt	\$285,540	\$39,736	13.20%	5.2 yrs	5729,744	14.50%	5.1 yrs	5925,634	17.10%	5 yrs	\$1,500,127
\$6.50/ watt	\$337,457	\$57,649	11.00%	6.4 yrs	\$724,950	12.30%	6.2 yrs	\$863,190	15.00%	5.9 yrs	\$1,495,332
\$7.50/ watt	\$389,373	\$75,562	9.40%	7.8 yrs	\$720,155	10.70%	7.5 yrs	\$916,044	13.40%	6.9 yrs	\$1,490,537
South: 170 kW		5% Utility Inflation		6.7% Utility Inflation		10% Utility Inflation					
	Gross Cost	Net Cost	IRR	Pavback	25 yr Savings	IRR	Pavback	25 yr Savings	IRR	Pavback	25 yr Savings
\$5.50/ watt	\$934.865	\$130,096	11.10%	5.9 vrs	\$1,909,287	12,40%	5.8 vrs	\$2,421,720	15.00%	5.5 vrs	\$3,924,555
56.50/ watt	51,104,841	\$188,745	9.10%	7.6 yrs	\$1,893,589	10.40%	7.3 yrs	52,217,277	13.00%	6.B yrs	\$3,908,857
\$7.50/ watt	\$1,274,816	\$247,393	7.50%	9.2 yrs	\$1,877,891	8.90%	B.8 yrs	\$2,390,324	11.50%	8 yrs	\$3,893,159
South at Full Occupancy and switch		5% Utility Inflation		6.7% Utility Inflation		10% Utility Inflation					
TOU-8 Optio	n R: 170 kW										
	Gross Cost	Net Cost	IRR	Payback	25 yr Savings	IRR	Payback	25 yr Savings	IRR	Payback	25 yr Savings
\$5.50/ watt	5934,865	\$130,096	13.80%	5.0 yrs	\$2,540,610	15.10%	4.9 yrs	\$3,224,194	17.70%	4.8 yrs	\$5,217,171
\$6.50/ watt	\$1,104,841	\$188,745	11.60%	6.1 yrs	\$2,524,912	12.90%	5.9 yrs	\$3,205,496	15.60%	5.6 yrs	\$5,201,473
\$7.50/ watt	\$1,274,816	\$247,393	9.90%	7.4 yrs	\$2,509,214	11.30%	7.1 yrs	\$3,189,798	13.90%	6.6 yrs	\$5,185,775
South at Full Occupancy and switch		5% Utility Inflation		6.7% Utility Inflation		10% Utility Inflation					
TOU-8 Optio					A CONTRACTOR OF THE CONTRACTOR					Mark Control of Control	Table 1 and
	Gross Cost	N et Cost	IRR	-	25 yr Savings	IRR		25 yr Savings	IRR	-	25 yr Savings
\$5.50/ watt	\$335,332	\$46,665	18.40%	4.3 yrs	\$1,376,012	19.70%	4.3 yrs	51,744,214	22.30%	4.2 yrs	\$2,824,057
56.50/ watt	\$396,302	\$67,702	15.80%	4.8 yrs	\$1,370,381	17.20%	4.8 yrs	\$1,738,583	19.80%	4.7 yrs	52,818,427
57.50/ watt	\$457,271	\$88,739	13.80%	5.5 yrs	\$1,364,750	15.20%	5.4 yrs	\$1,732,953	17.90%	5.1 yrs	\$2,812,796
IMAX: 165 k	W		5	% Utility In	nflation	6.7	% Utility I	nflation	10	% Utility I	nflation





Funding Solar Santa Monica

- Diminishing budget
- Looking for ways to self-sustain
 - Enterprise income
 - Selling services
 - Shading analyses
 - Bid comparisons
 - Project management for larger projects (Lantana)
 - Earning points
 - Tapping the Spread!



Introducing....

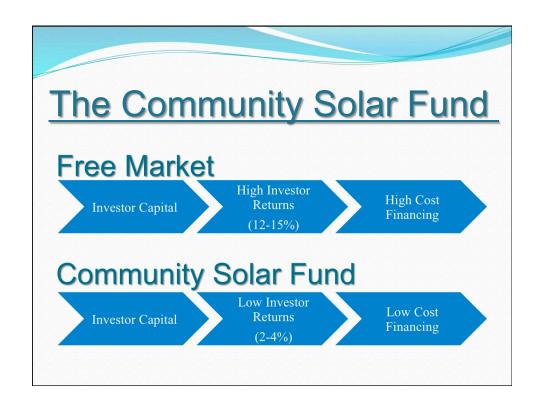
The Community Solar Fund and The Municipal Facilities Revolving Loan Fund

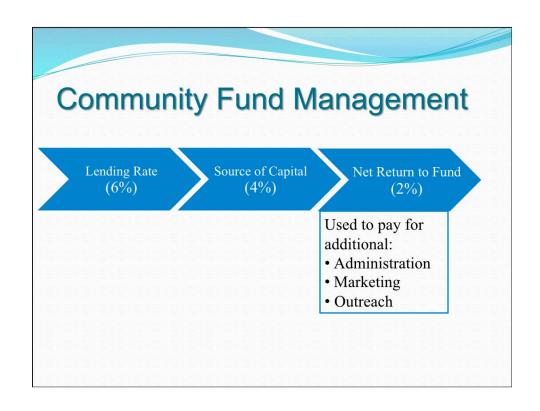




Eligible Technology for Both Funds:

- HVAC
- Lighting
- Building Envelope
- Energy Management Controls
- Fleet Upgrades
- Renewable Energy
- Etc.







Muni Facilities Revolving Loan Fund Sources of Capital:

- Revolving Fund Growth (energy savings measures)
- Savings from PPA Leases or ESCO Arrangements
- Grants
- Community Solar Fund
- Rebates and Incentives
- City Funds

