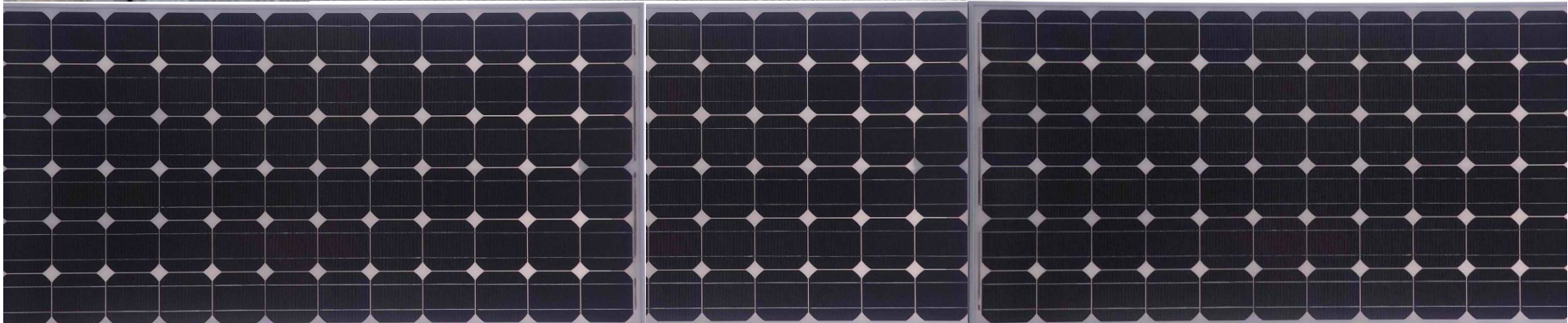


# GENERAL SERVICES

## CALLE REAL PHOTOVOLTAIC PROJECT # 8517

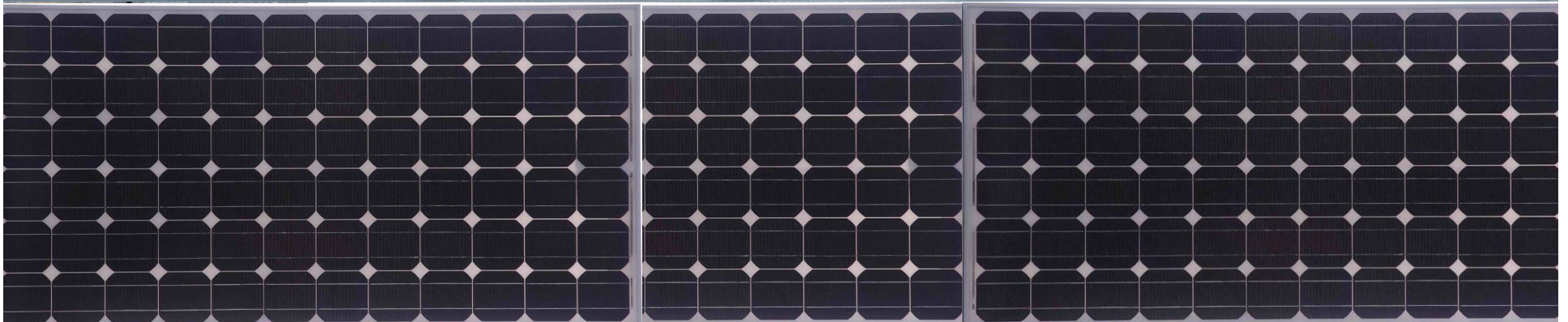


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# CALLE REAL PHOTOVOLTAIC PROJECT # 8517

- Reduce the County's carbon footprint
- Reduce dependence on the national electrical grid
- Demonstrate to the community the viability of a medium scale solar project
- Reduce electrical costs on the Calle Real Campus





Cash Flow							
year	utility savings	rebate	financing cost	O & M expense	Major Maint	annual cash flow	ending cash
start						0	0
1	235,260	343,842	(427,762)	(\$17,773)		133,567	133,567
2	244,059	342,982	(427,762)	(\$17,773)		141,507	275,074
3	253,187	342,125	(427,762)	(\$17,773)		149,777	424,851
4	262,656	341,270	(427,762)	(\$17,773)		158,391	583,242
5	272,479	340,417	(427,762)	(\$17,773)		167,361	750,602
6	282,670		(427,762)	(\$18,000)		(163,092)	587,511
7	293,242		(427,762)	(\$18,360)		(152,880)	434,630
8	304,209		(427,762)	(\$18,727)		(142,280)	292,350
9	315,586		(427,762)	(\$19,102)		(131,277)	161,073
10	327,389		(427,762)	(\$19,484)		(119,856)	41,217
11	339,634		(427,762)	(\$19,873)		(108,002)	(66,785)
12	352,336		(427,762)	(\$20,271)		(95,697)	(162,481)
13	365,513		(427,762)	(\$20,676)		(82,925)	(245,406)
14	379,183		(427,762)	(\$21,090)		(69,668)	(315,074)
15	393,365		(427,762)	(\$21,512)		(55,909)	(370,983)
16	408,077		0	(\$21,942)		386,135	15,152
17	423,339		0	(\$22,381)		400,958	416,110
18	439,172		0	(\$22,828)		416,343	832,453
19	455,597		0	(\$23,285)		432,312	1,264,765
20	472,636		0	(\$23,751)		448,885	1,713,650
21	490,313		0	(\$24,226)	(\$480,000)	(13,913)	1,699,737
22	508,650		0	(\$24,710)		483,940	2,183,677
23	527,674		0	(\$25,204)		502,469	2,686,146
24	547,409		0	(\$25,708)		521,700	3,207,847
25	567,882		0	(\$26,223)		541,659	3,749,506
26	589,121		0	(\$26,747)		562,374	4,311,879
27	611,154		0	(\$27,282)		583,872	4,895,751
28	634,011		0	(\$27,828)		606,183	5,501,934
29	657,723		0	(\$28,384)		629,339	6,131,273
30	682,322		0	(\$28,952)		653,370	6,784,643
	12,635,842	1,710,636	(6,416,425)	(665,410)	(480,000)		

# Calle Real Photovoltaic Project

## Solar financing analysis - 15 year QECCB debt (2.1%)

The System		Bottom Line	
Project Cost	\$5,500,000	30 year savings	\$12,635,842
System size (kw DC)	1,140	Incentives/Rebate	\$1,710,636
First year output (kwh)	1,809,695	Financing cost	\$(6,416,425)
1st year avoided utility cost	\$ 235,260	O & M expense	\$(665,410)
1st year O&M	\$ 17,773	Inverter Replace	\$(480,000)
		Savings	\$6,784,643

**GENERAL SERVICES  
CALLE REAL PHOTOVOLTAIC PROJECT # 8517**

**Thank you**

06/07/2011

