SJE Last 12 Mo Energy Consumption per Meter (June2012-May2013)

	PMYD		M19		APMV		Total All 3 Meters	
Monthly Avg	18,600	kwh	293	kwh	5673	kwh	**26,983**	kwh
Year total	223,200	kwh	32,520	kwh	68080	kwh	**323,800**	kwh

									Accumulating
Yearly Cost	2013	$ 37,028.88	+	$ 5,395.07	+	$ 11,294.47	=	**$ 53,718.42**	$ 53,718.42
	'14	$ 39,372.48	+	$ 5,736.53	+	$ 12,009.31	=	**$ 57,118.32**	$ 110,836.74
	'15	$ 41,341.10	+	$ 6,023.36	+	$ 12,609.78	=	**$ 59,974.24**	$ 170,810.98
	'16	$ 43,408.16	+	$ 6,324.52	+	$ 13,240.27	=	**$ 62,972.95**	$ 233,783.93
	'17	$ 45,578.57	+	$ 6,640.75	+	$ 13,902.28	=	**$ 66,121.60**	$ 299,905.53
	'18	$ 47,857.50	+	$ 6,972.79	+	$ 14,597.39	=	**$ 69,427.68**	$ 369,333.21
	'19	$ 50,250.37	+	$ 7,321.43	+	$ 15,327.26	=	**$ 72,899.06**	$ 442,232.27
	'20	$ 52,762.89	+	$ 7,687.50	+	$ 16,093.63	=	**$ 76,544.01**	$ 518,776.28
	'21	$ 55,401.03	+	$ 8,071.87	+	$ 16,898.31	=	**$ 80,371.22**	$ 599,147.50
	'22	$ 58,171.08	+	$ 8,475.47	+	$ 17,743.22	=	**$ 84,389.78**	$ 683,537.27
	'23	$ 61,079.64	+	$ 8,899.24	+	$ 18,630.38	=	**$ 88,609.26**	$ 772,146.54
	'24	$ 64,133.62	+	$ 9,344.20	+	$ 19,561.90	=	**$ 93,039.73**	$ 865,186.27
	'25	$ 67,340.30	+	$ 9,811.41	+	$ 20,540.00	=	**$ 97,691.71**	$ 962,877.98
	'26	$ 70,707.32	+	$ 10,301.98	+	$ 21,567.00	=	**$ 102,576.30**	$ 1,065,454.28
	'27	$ 74,242.68	+	$ 10,817.08	+	$ 22,645.35	=	**$ 107,705.11**	$ 1,173,159.39
	'28	$ 77,954.82	+	$ 11,357.94	+	$ 23,777.62	=	**$ 113,090.37**	$ 1,286,249.77
	'29	$ 81,852.56	+	$ 11,925.83	+	$ 24,966.50	=	**$ 118,744.89**	$ 1,404,994.65
	'30	$ 85,945.19	+	$ 12,522.13	+	$ 26,214.82	=	**$ 124,682.13**	$ 1,529,676.79
	'31	$ 90,242.45	+	$ 13,148.23	+	$ 27,525.56	=	**$ 130,916.24**	$ 1,660,593.03
	'32	$ 94,754.57	+	$ 13,805.64	+	$ 28,901.84	=	**$ 137,462.05**	**$ 1,798,055.08**

*LADWP rate increase 2012-2013: 5.34%, increase from 2013-2014: 6.36%

*LADWP historic avg rate increase over past 30 years = 6% per year. A 5% escalator was used in this chart.

SJE Energy Consumption WITH SOLAR

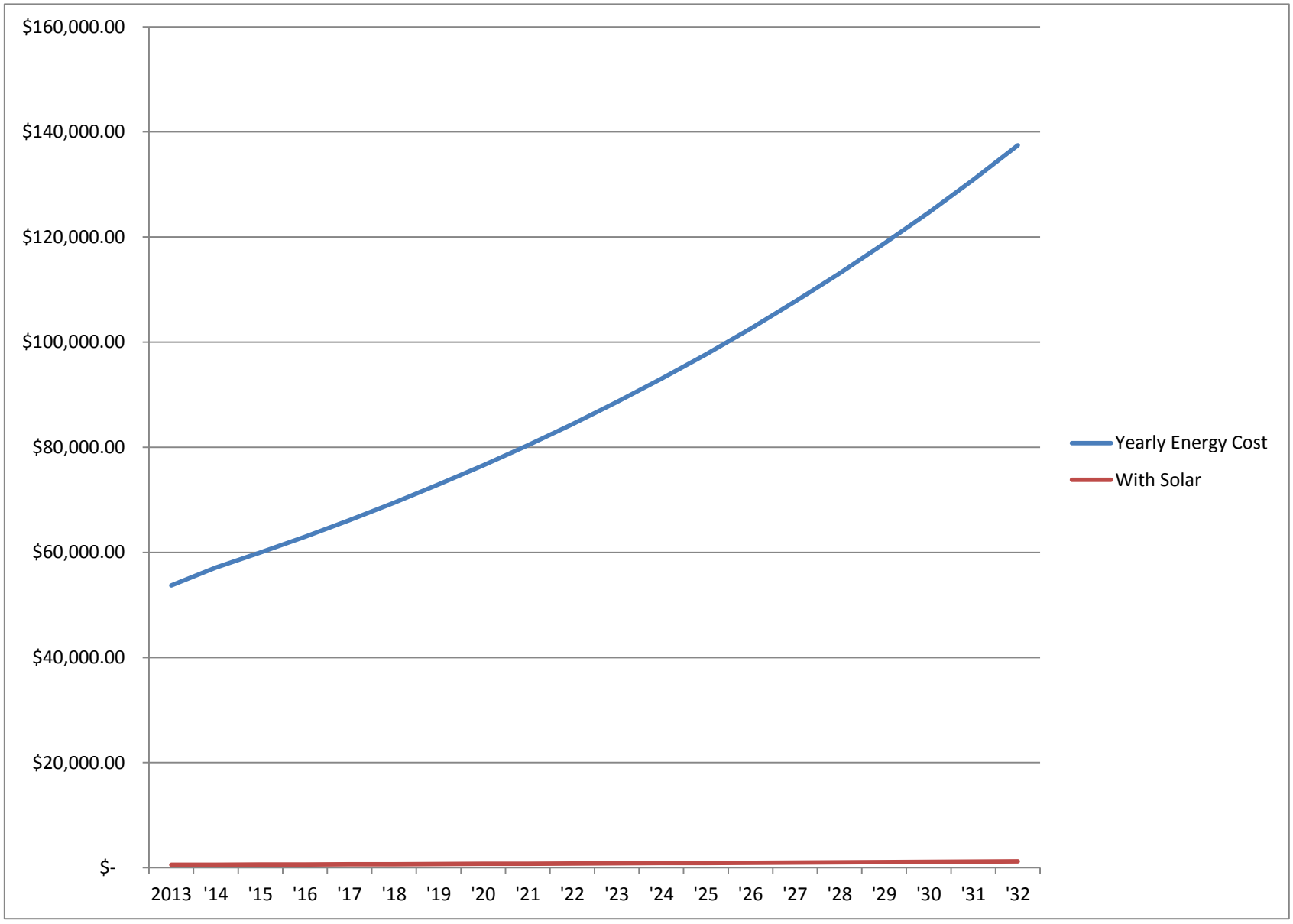
	PMYD		M-19		APMV		Total All 3 Meters	
Yearly Production	221,231	kwh	31,905	kwh	68,005	kwh	**321,141**	kwh
Net Energy Consumed	1,969	kwh	615	kwh	75	kwh	**2,659**	kwh

									Accumulating
Yearly Cost	2013	$ 401.66	+	$ 108.53	+	$ 40.44	=	**$ 550.63**	$ 550.63
	'14	$ 422.33	+	$ 114.99	+	$ 41.23	=	**$ 578.55**	$ 1,129.18
	'15	$ 439.70	+	$ 120.41	+	$ 41.89	=	**$ 602.00**	$ 1,731.18
	'16	$ 457.93	+	$ 126.11	+	$ 42.59	=	**$ 626.62**	$ 2,357.80
	'17	$ 477.08	+	$ 132.09	+	$ 43.32	=	**$ 652.48**	$ 3,010.28
	'18	$ 497.18	+	$ 138.37	+	$ 44.08	=	**$ 679.63**	$ 3,689.91
	'19	$ 518.29	+	$ 144.96	+	$ 44.89	=	**$ 708.14**	$ 4,398.05
	'20	$ 540.46	+	$ 151.88	+	$ 45.73	=	**$ 738.07**	$ 5,136.12
	'21	$ 563.73	+	$ 159.15	+	$ 46.62	=	**$ 769.50**	$ 5,905.61
	'22	$ 588.17	+	$ 166.78	+	$ 47.55	=	**$ 802.50**	$ 6,708.11
	'23	$ 613.83	+	$ 174.80	+	$ 48.52	=	**$ 837.15**	$ 7,545.26
	'24	$ 640.77	+	$ 183.21	+	$ 49.55	=	**$ 873.53**	$ 8,418.79
	'25	$ 669.05	+	$ 192.05	+	$ 50.63	=	**$ 911.73**	$ 9,330.52
	'26	$ 698.76	+	$ 201.33	+	$ 51.76	=	**$ 951.84**	$ 10,282.36
	'27	$ 729.95	+	$ 211.07	+	$ 52.95	=	**$ 993.96**	$ 11,276.32
	'28	$ 762.69	+	$ 221.29	+	$ 54.19	=	**$ 1,038.18**	$ 12,314.50
	'29	$ 797.08	+	$ 232.03	+	$ 55.50	=	**$ 1,084.62**	$ 13,399.12
	'30	$ 833.18	+	$ 243.31	+	$ 56.88	=	**$ 1,133.37**	$ 14,532.49
	'31	$ 871.09	+	$ 255.15	+	$ 58.32	=	**$ 1,184.57**	$ 15,717.06
	'32	$ 910.89	+	$ 267.58	+	$ 59.84	=	**$ 1,238.32**	**$ 16,955.37**

A Comparison of Yearly Energy Cost With and Without Solar

		Old Cost		*New Cost*		Yearly Savings		Accumulating Savings
Yearly Cost	2013	$ 53,718.42		$ 550.63		**$ 53,167.79**		$ 53,167.79
	'14	$ 57,118.32		$ 578.55		**$ 56,539.77**		$ 109,707.57
	'15	$ 59,974.24		$ 602.00		**$ 59,372.24**		$ 169,079.81
	'16	$ 62,972.95		$ 626.62		**$ 62,346.33**		$ 231,426.13
	'17	$ 66,121.60		$ 652.48		**$ 65,469.12**		$ 296,895.25
	'18	$ 69,427.68		$ 679.63		**$ 68,748.05**		$ 365,643.29
	'19	$ 72,899.06		$ 708.14		**$ 72,190.92**		$ 437,834.22
	'20	$ 76,544.01		$ 738.07		**$ 75,805.95**		$ 513,640.16
	'21	$ 80,371.22		$ 769.50		**$ 79,601.72**		$ 593,241.88
	'22	$ 84,389.78		$ 802.50		**$ 83,587.28**		$ 676,829.16
	'23	$ 88,609.26		$ 837.15		**$ 87,772.12**		$ 764,601.28
	'24	$ 93,039.73		$ 873.53		**$ 92,166.20**		$ 856,767.48
	'25	$ 97,691.71		$ 911.73		**$ 96,779.98**		$ 953,547.46
	'26	$ 102,576.30		$ 951.84		**$ 101,624.46**		$ 1,055,171.92
	'27	$ 107,705.11		$ 993.96		**$ 106,711.16**		$ 1,161,883.08
	'28	$ 113,090.37		$ 1,038.18		**$ 112,052.19**		$ 1,273,935.26
	'29	$ 118,744.89		$ 1,084.62		**$ 117,660.27**		$ 1,391,595.54
	'30	$ 124,682.13		$ 1,133.37		**$ 123,548.76**		$ 1,515,144.30
	'31	$ 130,916.24		$ 1,184.57		**$ 129,731.67**		$ 1,644,875.97
	'32	$ 137,462.05		$ 1,238.32		**$ 136,223.73**		**$ 1,781,099.71**

A Comparison of Yearly Energy Cost With and Without Solar



SJE System Info and Pricing

System Details

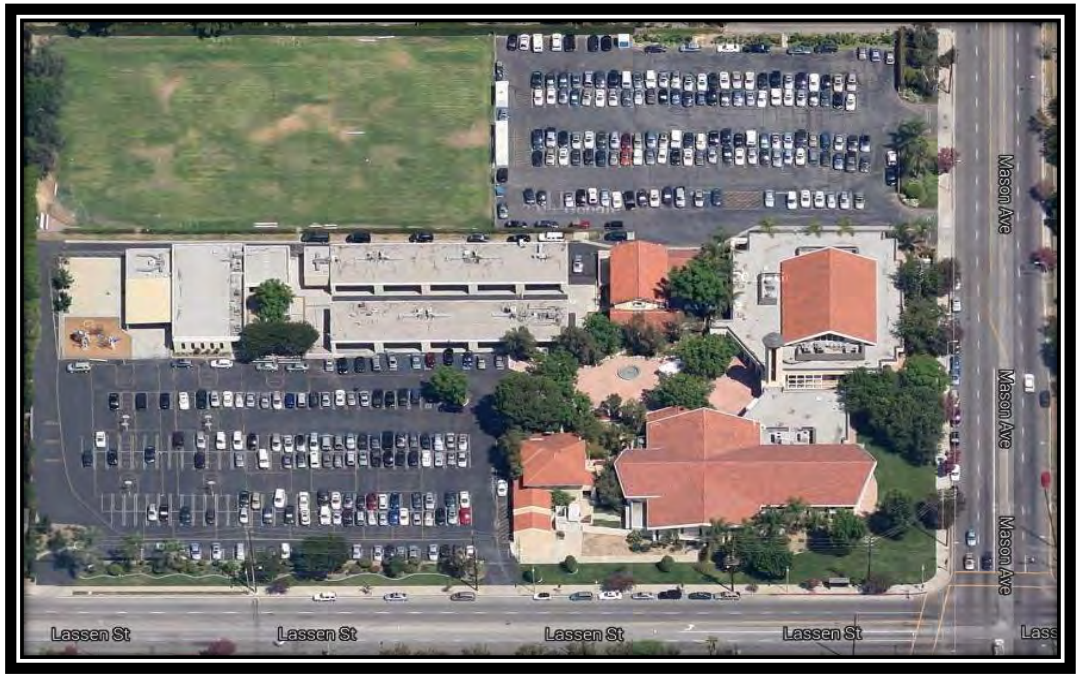
	System Sizing (DC)		# of Panels	kWh produced	% Offset
PMYD	137.7	kW	540	221,231	99%
M19	20.91	kW	82	31,905	98%
APMV	43.35	kW	170	68,005	99%
Total	**201.96**	**kW**	**792**	**321,141**	**99%**

Modules Hyundai 255W: HiS-S255MG
Inverter Power One
Modules Warranty 5 years defects, 25 years performance
Inverter Warranty 10 years, extended warranty available

Shade Structure: DPW Multi Pole Mount System
Can be switched depending on SJE preference

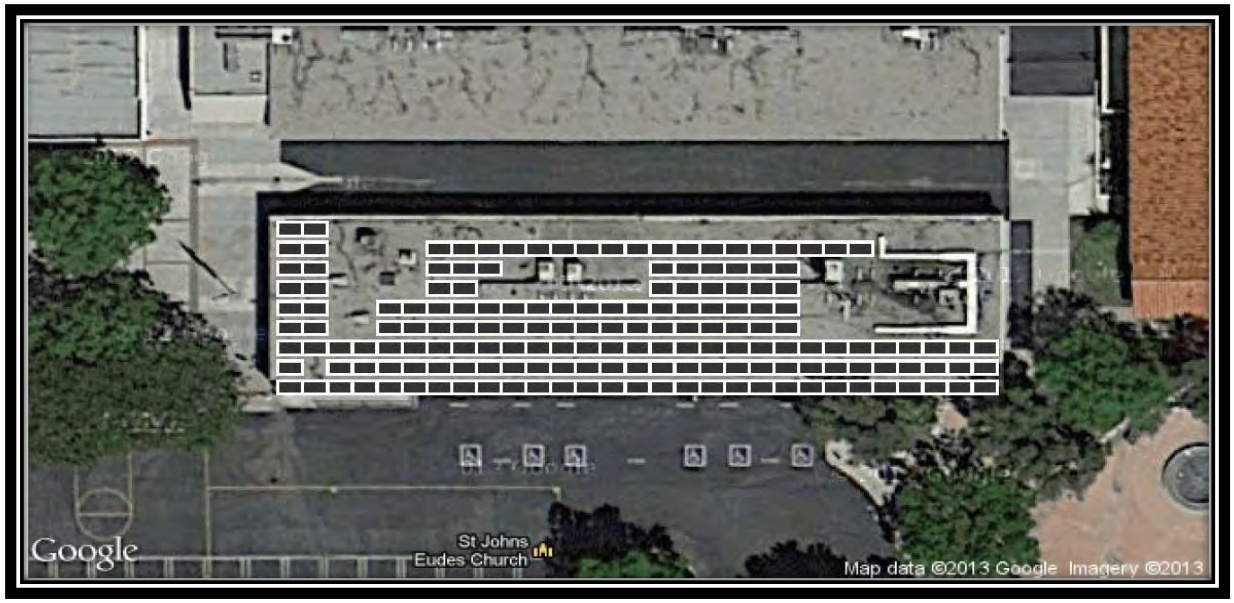
Pricing Details

$/W	$	3.50
Modules	$	226,026.80
Inverters	$	120,601.76
Balance of System	$	134,204.64
Labor	$	226,026.80
Plans and Permitting	$	3,000.00
Total System Cost	$	709,860.00
Requested Rebate	$	255,996.00
Net Cost	$	453,864.00

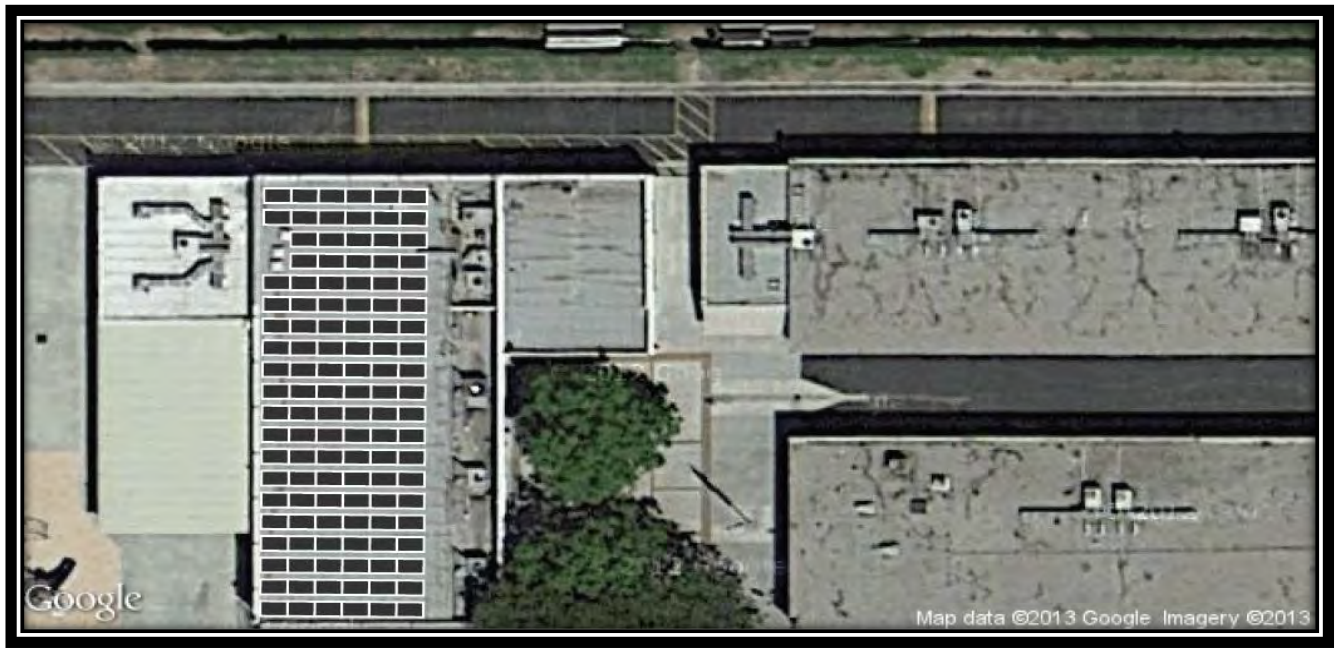


Building 1

Building 2



Hall 1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Hall 2


Google
Map data ©2013 Google Imagery ©2013

Field - DPW Multi Pole Mount