

Pleasanton USD Project Summary: November 2016

Site Name	Measure Description	Estimated Measure Cost	Estimated Rebates	Estimated District Funds Needed	Estimated Annual Cost Savings	Estimated Annual kWh Savings	SIR	NPV
Alisal Elementary School								
	77 HPS/MV Vapor fixtures to LED fixtures	\$ 43,673	\$ 3,240	\$ 3,205	\$ 1,495	9,023	0.93	\$ 35,395
	58 Smart Strip/PC Power Management *	\$ 1,707	\$ 870	\$ (4,388)	\$ 1,332	8,945	6.91	\$ 5,191
	Subtotals	\$ 45,380	\$ 4,110	\$ (1,183)	\$ 2,827	17,968	1.04	\$ 40,586
Donlon Elementary School								
	164 Replace 32w T8 lamps with 28w T8 lamps only	\$ 5,812	\$ 164	\$ 3,550	\$ 317	1,673	0.34	\$ 1,825
	31 HPS/MV Vapor fixtures to LED fixtures	\$ 16,893	\$ 1,140	\$ 164	\$ 668	4,304	1.00	\$ 14,892
	60 Smart Strip/PC Power Management*	\$ 1,765	\$ 900	\$ (4,433)	\$ 1,350	9,254	6.77	\$ 5,262
	Subtotals	\$ 24,470	\$ 2,204	\$ (719)	\$ 2,335	15,230	1.04	\$ 21,979
Fairlands Elementary School								
	200 Replace 32w T8 lamps with 28w T8 lamps only	\$ 4,215	\$ 200	\$ 1,811	\$ 413	2,040	0.53	\$ 2,013
	70 HPS/MV Vapor fixtures to LED fixtures	\$ 28,801	\$ 2,720	\$ 8,278	\$ 476	2,874	0.67	\$ 16,527
	73 Smart Strip/PC Power Management*	\$ 2,148	\$ 1,095	\$ (6,000)	\$ 1,805	11,258	7.42	\$ 7,015
	Subtotals	\$ 35,164	\$ 4,015	\$ 4,089	\$ 2,694	16,172	0.87	\$ 25,555
Hearst Elementary School								
	128 Replace 32w T8 lamps with 28w T8 lamps only	\$ 3,278	\$ 128	\$ 2,037	\$ 160	1,306	0.32	\$ 959
	145 HPS/MV Vapor fixtures to LED fixtures	\$ 63,161	\$ 5,900	\$ 22,001	\$ 759	7,475	0.60	\$ 32,423
	Subtotals	\$ 66,439	\$ 6,028	\$ 24,038	\$ 919	8,781	0.58	\$ 33,382
Lydiksen Elementary School								
	136 Replace 32w T8 lamps with 28w T8 lamps only	\$ 4,821	\$ 136	\$ 2,921	\$ 269	1,387	0.35	\$ 1,538
	67 HPS/MV Vapor fixtures to LED fixtures	\$ 27,668	\$ 2,680	\$ 8,277	\$ 428	2,692	0.66	\$ 15,481
	Subtotals	\$ 32,489	\$ 2,816	\$ 11,198	\$ 697	4,079	0.61	\$ 17,019
Mohr Elementary School								
	168 Replace 32w T8 lamps with 28w T8 lamps only	\$ 3,750	\$ 168	\$ 1,850	\$ 306	1,714	0.46	\$ 1,560
	106 HPS/MV Vapor fixtures to LED fixtures	\$ 43,004	\$ 4,080	\$ 13,950	\$ 590	4,024	0.63	\$ 23,052
	61 Smart Strip/PC Power Management*	\$ 1,795	\$ 915	\$ (3,599)	\$ 1,128	8,353	5.61	\$ 4,433
	Subtotals	\$ 48,549	\$ 5,163	\$ 12,201	\$ 2,024	14,090	0.71	\$ 29,045
Valley View Elementary								
	72 Replace 32w T8 lamps with 28w T8 lamps only	\$ 2,082	\$ 72	\$ 1,103	\$ 155	734	0.43	\$ 811
	53 HPS/MV Vapor fixtures to LED fixtures	\$ 26,770	\$ 1,880	\$ 5,389	\$ 666	3,857	0.78	\$ 18,344
	96 Smart Strip/PC Power Management*	\$ 2,825	\$ 1,440	\$ (7,507)	\$ 2,271	13,825	7.11	\$ 8,838
	Subtotals	\$ 31,677	\$ 3,392	\$ (1,015)	\$ 3,092	18,417	1.05	\$ 27,993
Vintage Hills Elementary								
	144 Replace 32w T8 lamps with 28w T8 lamps only	\$ 5,104	\$ 144	\$ 3,129	\$ 275	1,469	0.34	\$ 1,592
	32 HPS/MV Vapor fixtures to LED fixtures	\$ 13,450	\$ 1,280	\$ 4,002	\$ 211	1,360	0.66	\$ 7,570
	Subtotals	\$ 18,554	\$ 1,424	\$ 7,131	\$ 486	2,828	0.57	\$ 9,162
Walnut Grove Elementary								
	136 Replace 32w T8 lamps with 28w T8 lamps only	\$ 4,821	\$ 136	\$ 2,527	\$ 375	1,387	0.44	\$ 1,936
	69 HPS/MV Vapor fixtures to LED fixtures	\$ 28,028	\$ 2,760	\$ 6,588	\$ 566	2,577	0.73	\$ 17,451
	Subtotals	\$ 32,849	\$ 2,896	\$ 9,116	\$ 941	3,964	0.68	\$ 19,387
Thomas Hart Middle School								
	20 Replace incandescent light fixture/bulb with	\$ 1,079	\$ 20	\$ (343)	\$ 450	2,400	1.36	\$ 1,362
	60 Replace 32w T8 lamps with 28w T8 lamps only	\$ 1,735	\$ 60	\$ 974	\$ 114	612	0.39	\$ 620
	269 HPS/MV Vapor fixtures to LED fixtures	\$ 171,783	\$ 16,360	\$ (24,045)	\$ 8,377	54,853	1.18	\$ 172,588
	Subtotals	\$ 174,597	\$ 16,440	\$ (23,414)	\$ 8,941	57,865	1.17	\$ 174,570
Harvest Park Middle School								
	444 Replace 32w T8 lamps with 28w T8 lamps only	\$ 11,640	\$ 444	\$ 5,909	\$ 926	4,529	0.45	\$ 4,752
	116 HPS/MV Vapor fixtures to LED fixtures	\$ 54,481	\$ 5,600	\$ 5,182	\$ 1,658	9,938	0.90	\$ 41,385
	121 Smart Strip/PC Power Management*	\$ 3,560	\$ 1,815	\$ (9,675)	\$ 2,919	18,661	7.25	\$ 11,354
	Subtotals	\$ 69,681	\$ 7,859	\$ 1,416	\$ 5,503	33,128	0.99	\$ 57,491
Pleasanton Middle School								
	120 Replace 32w T8 lamps with 28w T8 lamps only	\$ 2,995	\$ 120	\$ 1,564	\$ 225	1,224	0.43	\$ 1,173
	360 HPS/MV Vapor fixtures to LED fixtures	\$ 172,471	\$ 15,240	\$ 28,325	\$ 4,537	30,129	0.82	\$ 121,485
	Subtotals	\$ 175,466	\$ 15,360	\$ 29,889	\$ 4,762	31,353	0.81	\$ 122,658
Amador Valley High School								
	324 Replace 32w T8 lamps with 28w T8 lamps only	\$ 7,937	\$ 324	\$ 3,854	\$ 673	3,305	0.47	\$ 3,396
	299 High Pressure Sodium/Mercury Vapor light	\$ 173,433	\$ 12,100	\$ 11,632	\$ 6,079	36,810	0.93	\$ 142,440
	1 VFD on swimming pool pump motor	\$ 44,264	\$ 3,925	\$ (111,138)	\$ 10,107	49,064	3.95	\$ 150,756
	52 Replace stadium lights (Metal Halide to LED)	\$ 355,836	\$ -	\$ 181,479	\$ 2,442	11,856	0.47	\$ 158,131
	Subtotals	\$ 581,470	\$ 16,349	\$ 85,827	\$ 19,301	101,034	0.85	\$ 454,723
Foothill High School								
	316 Replace 32w T8 lamps with 28w T8 lamps only	\$ 7,969	\$ 316	\$ 4,000	\$ 643	3,223	0.45	\$ 3,287
	109 HPS/MV Vapor fixtures to LED fixtures	\$ 45,308	\$ 4,360	\$ 12,073	\$ 815	4,966	0.69	\$ 26,876
	1 VFD on swimming pool pump motor	\$ 44,264	\$ 4,015	\$ (113,640)	\$ 10,289	50,192	4.03	\$ 153,192
	40 Replace stadium lights (Metal Halide to LED)	\$ 271,569	\$ -	\$ 141,685	\$ 1,624	7,920	0.46	\$ 117,469
	Subtotals	\$ 369,110	\$ 8,691	\$ 44,118	\$ 13,371	66,301	0.88	\$ 300,824
Village HS and District Office								
	64 Replace 32w T8 lamps with 28w T8 lamps only	\$ 2,270	\$ 64	\$ 1,426	\$ 113	653	0.32	\$ 673
	133 HPS/MV Vapor fixtures to LED fixtures	\$ 57,119	\$ 4,800	\$ 17,324	\$ 921	6,485	0.66	\$ 32,460
	197 Smart Strip/PC Power Management*	\$ 6,202	\$ 2,955	\$ (5,347)	\$ 2,047	16,029	2.85	\$ 8,367
	7 Replace ground mount AC units at DO office	\$ 110,579	\$ -	\$ 38,145	\$ 2,138	12,547	0.64	\$ 67,574
	Subtotals	\$ 176,170	\$ 7,819	\$ 51,548	\$ 5,219	35,714	0.68	\$ 109,074
	District Subtotals	\$ 1,882,065	\$ 104,566	\$ 254,239	\$ 73,112	426,923		

* Assumed measure will be self-installed by District IT staff

Total Project Cost \$ 1,882,065 \$ 104,566 \$ 254,239 \$ 73,112 426,923 0.86 \$ 1,443,448

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Total Estimated Prop 39 Allocation	\$2,903,428
Total Prop 39 Funds Requested	\$1,523,260
Total Rebates	\$104,566
Funds needed to achieve SIR of 1.01	\$254,239
Total Prop 39 Funds Used	\$1,523,260
Total Incurred District Costs	\$254,239
Estimated Remaining Prop 39 Allocation	\$1,380,168
Estimated Annual Cost Savings	\$73,112
Estimated Annual kWh Savings	426,923