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DATE : 8/17/2021

PROPOSAL

Willdan + PGE OBF Program

Project ID : GESP-9000817

PROPOSAL FOR

Marguerite Maze Middle School

Aaron Buzzetta / Director of Maintenance

900 Meridian St

Hollister, CA 95023

(831) 630-6300 / abuzzetta@hesd.org

ENERGY SOLUTION CONSULTANT

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PREPARED BY

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Existing Fixture Qty	Location	Old Measure	Existing Measure Wattage	Proposed Fixture Qty	Proposed Measure	Proposed Measure Wattage	Annual Hours	Total System Savings kWh
15	Main Office	1-Lamp 4ft Linear T8 32W 4ft Linear	31	15	ESP - 1-Lamp 10W 4-ft LED Bypass T8 - 4000K	10.5	1,880	578.10
8	Main Office	2-Lamp 4ft Linear T8 32W 4ft Linear	59	8	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	571.52
13	Main Office	CFL 18W 2-Lamp Wall/Ceiling Fixture	40	13	ALE - 10W LED Square Canopy - 4000K	10	1,880	733.20
2	A8 - Counselor's Office	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
1	A9	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	1	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	122.20
1	A10	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	69.56
2	A10 Restroom	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	A7	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	A6	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	A12	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	A14	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	A17	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	Office - Men's RR	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	139.12
1	Office - Men's RR	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	69.56
3	Office - Women's RR	2-Lamp 4ft Linear T8 32W 4ft Linear	59	3	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	208.68
1	Office - Women's RR	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	69.56
4	Principal's Office	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	4	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	488.80
2	Principal's Conference Room	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	Assistant Principal's Office	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
2	Assistant Principal's Conference Room	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
5	Staff Breakroom	2-Lamp 4ft Linear T8 32W 4ft Linear	59	5	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	347.80
7	Staff Breakroom	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	7	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	855.40
10	Staff Breakroom	4-Lamp 4ft Linear T8 32W 8ft Linear	112	10	LEO - 48W 8-ft LED Linear Strip - 4000K	48	1,880	1,203.20
6	Library	2-Lamp 4ft Linear T8 32W 4ft Linear	59	6	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	417.36
4	Library	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	4	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	488.80
21	Library	4-Lamp 4ft Linear T8 32W 8ft Linear	112	21	LEO - 48W 8-ft LED Linear Strip - 4000K	48	1,880	2,526.72
5	A19 - Supply	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	5	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	376	122.20
1	B1	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B1	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	B2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B2	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	B3	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B3	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	B3 - Staff	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	B3 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	B4	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B4	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	B4 - Staff	2-Lamp 4ft Linear T8 32W Wrap around	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	B4 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	B5	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B5	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	B6	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	B6	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	B - Custodian	4-Lamp 4ft Linear T8 32W 8ft Linear	112	1	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	376	26.32
3	B Girl's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear	59	3	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	214.32
1	B Girl's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
3	B Boy's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear	59	3	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	214.32
1	B Boy's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44

1	C - Storage	4-Lamp 4ft Linear T8 32W 8ft Linear	112	1	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	376	26.32
1	C - Electrical 1	4-Lamp 4ft Linear T8 32W 8ft Linear	112	1	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	376	26.32
1	C1	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C1	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	C2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C2	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	C3	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C3	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	C3 - Staff	2-Lamp 4ft Linear T8 32W Wrap around	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	C3 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	C4	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C4	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	C4 - Staff	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	C4 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	C5	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C5	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	C6	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C6	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	C7	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C7	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	C8	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	C8	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	C - Custodial 1 & 2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	376	28.58
3	C Boy's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear	59	3	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	214.32
1	C Boy's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
3	C Girl's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear	59	3	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	214.32
1	C Girl's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
1	C - Electrical 2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
22	F1	4-Lamp 4ft Linear T8 32W 8ft Linear	112	22	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	2,895.20
1	F1 Room	4-Lamp 4ft Linear T8 32W 8ft Linear	112	1	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	131.60
6	F2	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	6	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	428.64
6	F3	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	6	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	428.64
12	F4	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	12	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	857.28
12	F5	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	12	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	857.28
12	F6	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	12	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	857.28
12	F7	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	12	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	857.28
12	F8	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	12	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	857.28
12	F8 A	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	F8 B	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
10	F9	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	10	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	714.40
10	F10	2-Lamp 4ft Linear T8 32W 2x4 Troffer	59	10	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	714.40
10	F11	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F12	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F13	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F14	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F15	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F16	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	F17	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
11	Boy's Locker Room	4-Lamp 4ft Linear T8 32W 8ft Linear	112	11	LEO - 48W 8-ft LED Linear Strip - 4000K	48	1,880	1,323.52
10	Locker Room Storage	4-Lamp 4ft Linear T8 32W 8ft Linear	112	10	LEO - 48W 8-ft LED Linear Strip - 4000K	48	376	240.64
11	Girl's Locker Room	4-Lamp 4ft Linear T8 32W 8ft Linear	112	11	LEO - 48W 8-ft LED Linear Strip - 4000K	48	1,880	1,323.52
0	Gym	Existing LED (or Excluded)	0	0	Excluded from Scope of Work - No Change	0	1,880	0.00
8	Gym Stage	2-Lamp 4ft Linear T8 32W 4ft Linear	59	8	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 5000K	21	1,880	571.52
10	Gym Stage	4-Lamp 4ft Linear T8 32W 8ft Linear	112	10	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 5000K	21	1,880	1,710.80
1	Gym Storage	2-Lamp 4ft Linear T8 32W Wrap around	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	376	14.29
1	E7	2-Lamp 4ft Linear T8 32W Wrap around	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
1	E8	2-Lamp 4ft Linear T8 32W Wrap around	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44

1	E9	2-Lamp 4ft Linear T8 32W Wrap around	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
1	E9 Storage	2-Lamp 4ft Linear T8 32W Wrap around	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
1	E9 Storage	2-Lamp 4ft Linear T8 32W Wrap around - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
1	Gym Men's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	564	21.43
1	Gym Women's Restroom	2-Lamp 4ft Linear T8 32W 4ft Linear - EM	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	564	21.43
1	Gym - Custodial	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	376	14.29
11	Gym Kitchen	2-Lamp 4ft Linear T8 32W Wrap around	59	11	LEO - 34W 4-ft LED Linear Utility Wrap - 5000K	34	1,880	517.00
1	PE Office	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	LEO - 22W 4-ft LED Linear Strip - 4000K	22	1,880	69.56
2	PE Office	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	LEO - 24W 2x4 LED Troffer Retrofit Kit - 4000K	24	1,880	244.40
1	PE Office Storage	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	376	14.29
1	Mechanical Room	4-Lamp 4ft Linear T8 32W 8ft Linear	112	1	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	376	26.32
4	Student Store	2-Lamp 4ft Linear T8 32W Wrap around	59	4	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	285.76
1	Mechanical Room 2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
12	G1	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	G2	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	G3	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	G4	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	G5	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
12	G6	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	12	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,579.20
10	G7	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	G8	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
10	G9	4-Lamp 4ft Linear T8 32W 2x4 Troffer	112	10	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,316.00
1	D1	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	D1	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	D1 - Staff	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	D1 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	D2	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	D2	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
1	D3	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	D3	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
2	D3 - Staff	2-Lamp 4ft Linear T8 32W 4ft Linear	59	2	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	142.88
2	D3 - Staff	3-Lamp 4ft Linear T8 32W 2x4 Troffer	89	2	ESP - 3-Lamp 10W 4-ft LED Bypass T8 - 4000K	31.5	1,880	216.20
1	D4	2-Lamp 4ft Linear T8 32W 4ft Linear	59	1	ESP - 2-Lamp 10W 4-ft LED Bypass T8 - 4000K	21	1,880	71.44
14	D4	4-Lamp 4ft Linear T8 32W 8ft Linear	112	14	ESP - 4-Lamp 10W 4-ft LED Bypass T8 - 4000K	42	1,880	1,842.40
834	Total Existing Measures			834	Total Proposed Measures			
ADDITIONAL MATERIALS								
Additional Materials					LED Emergency Pack		Qty	9
EQUIPMENT								
Equipment Rental					26ft Scissor Lift - Per Week		# Of Day(s)/Week(s)	1
Equipment Rental							# Of Day(s)/Week(s)	0
Equipment Rental							# Of Day(s)/Week(s)	0

Est. Product Subtotal : \$ 98,800.00

Est. Additional Materials : \$ 1,350.00

Equipment Rental : \$ 850.00

Est. Sub Total Project Cost : \$ 101,000.00

Rebate : \$ (2,000.00)

Est. Total Project Cost : \$ 99,000.00

Total OBF Amount : \$ 46,500.00

Estimated Customer Copay: \$ 52,500.00

Special Instruction / Scope of Work



www.greenenergysolutionspartners.com
6950 Aragon cir #4, Buena Park, CA 90620
Tel : (714) 266-0126

Project ID : GESP-9000817

Business Name: Marguerite Maze Middle School
Business Address: 900 Meridian St
Hollister, CA 95023

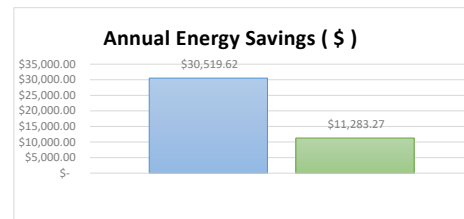
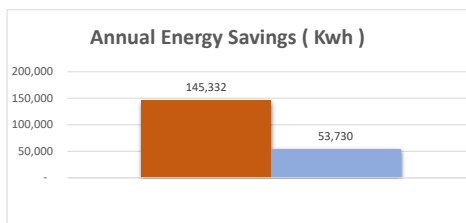
Simple Payback Period

Est. Annual Savings: **\$19,236.35**

Est. Monthly Savings: **\$1,603.03**

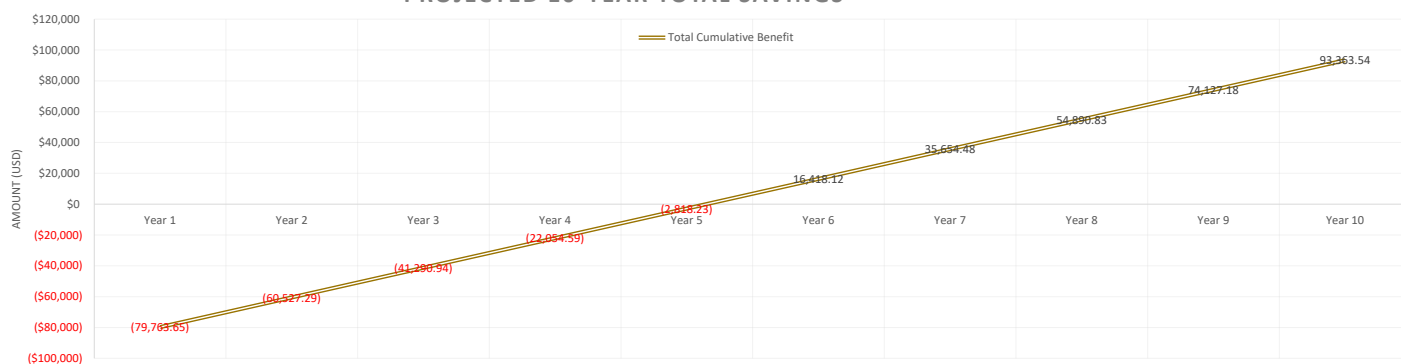
Energy Consumption	kWh	Dollars
Old kWh	145,332	\$ 30,519.62
New kWh	53,730	\$ 11,283.27
kWh Savings	91,602	\$ 19,236.35

Simple Payback Period	
Total OBF Amount	\$99,000.00
Simple Payback Period	5.15 Years



Cost Benefit Analysis	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Total
Total Project Cost	(99,000.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(99,000.00)
Annual Electricity Costs (Old)	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	30,519.62	305,196.19
Annual Electricity Costs (New)	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	11,283.27	112,832.66
Annual Electricity Savings	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	19,236.35	192,363.54
Total Cumulative Benefit	(79,763.65)	(60,527.29)	(41,290.94)	(22,054.59)	(2,818.23)	16,418.12	35,654.48	54,890.83	74,127.18	93,363.54	67,999.45

PROJECTED 10-YEAR TOTAL SAVINGS



COST BENEFIT ANALYSIS (10-YEAR PROJECTION)

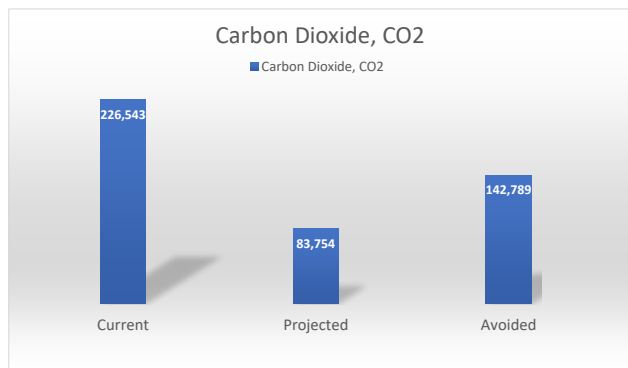
Environmental Impact

Greenhouse Gas Analysis

Current	Projected	Gases Avoided	Reduction (%)
226542.77	83754.07	142788.71	63%

Greenhouse Gas Comparisons

Greenhouse Gas	Current	Projected	Avoided	Environmental Effect
Carbon Dioxide, CO ₂	226,543	83,754	142,789	Greenhouse Gas, Global Warming
Nitrous Oxide, N ₂ O	777	287	490	Acid Rain, Global Warming
Methane, CH ₄	1695	626	1068	Greenhouse Gas, Global Warming



Greenhouse Gas Emissions Avoided by



Tons of waste recycled instead of landfilled : 22.13



Trash bags of waste recycled instead of landfilled : 2756

Carbon Sequestered by



Tree seedlings grown for 10 years : 1070.9

Acres of U.S. forests in one year : 84.2

Business Name: Marguerite Maze Middle School
Business Address: 900 Meridian St
Hollister, CA 95023

Terms & Conditions

I, CUSTOMER, have read and understand, and agree to the Green Energy Solutions Partners' the scope of the work and total project cost

If there is any copay, 50% of total copay is due before installation begin and remaining balance is due upon completion of project.

Green Energy Solutions Partners' lighting project and its cost estimate is subject to PG&E's funding availability and Program Approval. Total Project Cost includes on bill financing through PG&E, however not all products will qualify for financing. Any amount not approved by financing will be charged to the customer and will be due upon completion of installation and final invoicing. Entire project is dependent upon eligibility for financing, therefore this contract is non-binding until project is approved by Utility Company. Customer will not be liable for project cost if project is denied by Utility Company prior to installation. Also PG&E's rebate/OBF programs are subject to change at any time by PG&E and Green Energy Solutions Partners reserve the right to cancel the project upon such change made by PG&E.

Green Energy Solutions Partners will receive the rebate directly from PG&E on behalf of customer. Therefore I, Customer, understand, and agree to sign the PG&E Rebate application, OBF Application and any and all other documents (including but not limited to, a final invoice upon project completion) that are required by the PG&E's Rebate program in order for Green Energy Solutions Partners to receive the rebate and final funding. Failure to do so shall require customer to pay for the entire Project Cost including the PG&E Rebate payment portion of the project or final funding cost.

If the customer requests off-hour installation, Green Energy Solutions Partners requires that Customer acknowledges and agrees to provide on-site representative to oversee the installation. There may also be an additional charge for off hour installation, to be determined based on project scope.

Customer acknowledges and agrees to provide an on-site representative to be made available for any pre/post inspections required by the PG&E Rebate program

Any changed to this scope of work may be changed if the customer agrees to pay the adjusted amount prior to/during the installation or as a result of Green Energy Solutions Partners' inspection; additional costs include, but are not limited to, lift rental fee, extra equipment fee, and labor. If additional costs are incurred during installation, these will be reflected on the final invoice

All projects used by Green Energy Solutions Partners are to be on PG&E's qualifying product list (<http://caioulightingqpl.com/>).

All items installed by Green Energy Solutions Partners are under 1 year part/labor warranty and 5-10 year manufacturer's product warranty.

Estimate/calculation of savings is based on site survey consisting of a sample of the existing lighting systems (lamp and/or ballast) information, pre/post system wattage may vary. Therefore green energy solutions partners will not be held liable for any discrepancy between estimated and actual savings.

If Hazardous waste removal service is not requested, customer assumes sole responsibility for hazardous waste disposal in accordance to applicable IPA/CA guidelines.

*** California State Assembly Bill 1699, under Title 33 of Environmental Qualify, requires that all fluorescent lamps and tubes be recycled or taken either a household hazardous waste disposal facility or universal waste handler.

This Proposal is valid for 30 days from date it was issued.

By signing below, I, the Customer acknowledge that I have read, understood, and agree to all terms and conditions stated above and agree that the total price& quantity of materials for my facility to be accurate and correct.

Customer Name :

Customer Title :

Customer Signature:

Date :