

ENERGY AUDIT

Natividad Medical Center

Natividad Medical Center
1441 Constitution Blvd.
Salinas, CA 93906
Acct: 6137155108; SAID: 6134194830

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 783-2562
Customer Email: PaulsworthAL@co.monterey.ca.us

Approx. Building Size 677,247 SF
Energy Rate \$ 0.17 /kWh &
Interest Rate 0%



In Reference to Quote # 200395

EXISTING			Location			Suggested Replacements					Savings		
Existing	Watts/Fix	# of Fixtures	Existing Operating Hours-Day / Yr.	Building/Zone	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWH Saved	Annual Savings
2x4 w3 18	89 w	21	12 7 / 4380	Building 580	laboratory	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	21	21	1,428 w	76.4%	6,254.64	\$1,038.19
2x4 w3 18	89 w	6	12 7 / 4380	Building 580	micro biology	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	6	6	408 w	76.4%	1,787.04	\$296.62
2x4 w3 18	89 w	1	5 7 / 1825	Building 580	file storage	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	68 w	76.4%	124.10	\$20.60
2x4 w3 18	89 w	6	12 7 / 4380	Building 580	lab	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	6	6	408 w	76.4%	1,787.04	\$296.62
2x4 w3 18	89 w	1	12 7 / 4380	Building 580	office 1	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	68 w	76.4%	297.84	\$49.44
2x4 w3 18	89 w	2	12 7 / 4380	Building 580	office 2	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	595.68	\$98.87
2x4 w3 18	89 w	16	8 7 / 2920	2nd floor of 580	2d11	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	16	16	1,088 w	76.4%	3,176.96	\$527.33
2x4 w3 18	89 w	44	5 7 / 1625	2nd floor of 580	medical records storage, health information management	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	44	44	2,992 w	76.4%	5,460.40	\$906.35
2x4 w3 18	89 w	8	8 5 / 2086	2nd floor of 580	2nd part of offices	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	544 w	76.4%	1,134.63	\$189.33
2x4 w3 18	89 w	2	8 5 / 2086	2nd floor of 580	office by receptionist	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	283.66	\$47.08
2x4 w3 18	89 w	2	8 5 / 2086	2nd floor of 580	supervising therapist	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	283.66	\$47.08
2x4 w3 18	89 w	4	12 7 / 4380	2nd floor of 580	staff room	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	1,191.36	\$197.75
2x4 w3 18	89 w	5	24 7 / 8760		Pre op holding	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	5	5	340 w	76.4%	2,978.40	\$494.37
2x4 w3 18	89 w	2	5 7 / 1825		Storage	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	248.20	\$41.20
2x4 w3 18	89 w	2	9 5 / 2346		Payroll office	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	319.11	\$52.97
2x4 w3 18	89 w	2	9 5 / 2346		Office	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	319.11	\$52.97
2x4 w3 18	89 w	3	24 7 / 8760		Physicians lounge	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	3	3	204 w	76.4%	1,787.04	\$296.62
2x4 w3 18	89 w	2	9 5 / 2346		Yasmin Bolanos Office	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	319.11	\$52.97
2x4 w3 18	89 w	2	9 5 / 2346		Marcelle spencer RN (2D015)	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	319.11	\$52.97
2x4 w3 18	89 w	4	24 7 / 8760		Staff lounge (2J112)	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	2,382.72	\$395.50
2x4 w3 18	89 w	1	9 5 / 2346		Multas tabbasa (2J001)	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	68 w	76.4%	159.56	\$26.48
2x4 w3 18	89 w	2	24 7 / 8760		Kitchen/storage	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	1,191.36	\$197.75
2x4 w3 18	89 w	1	24 7 / 8760		Supervising nurse	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	68 w	76.4%	595.68	\$98.87
2x4 w3 18	89 w	2	9 5 / 2346		Office	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	319.11	\$52.97
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 1	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 5	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 6	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 7	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 8	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Ortho treatment	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 16	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 17	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 18	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 19	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 22	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 23	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	16 7 / 5840		Exam room 24	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	794.24	\$131.83
2x4 w3 18	89 w	2	24 7 / 8760		Physician workroom	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	1,191.36	\$197.75
2x4 w4 18	112 w	1	8 5 / 2086	2nd floor of 580	speech therapy room	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	91 w	81.3%	189.80	\$31.50
2x4 w4 18	112 w	1	12 7 / 4380	2nd floor of 580	speech therapy room	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	1	1	91 w	81.3%	398.58	\$66.16
2x4 w4 18	112 w	8	24 7 / 8760		Surgery room 4	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	728 w	81.3%	6,377.28	\$1,058.54
2x4 w4 18	112 w	8	12 7 / 4380		Room 5	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	728 w	81.3%	3,188.64	\$529.27
2x4 w4 18	112 w	8	24 7 / 8760		Surgery room 1	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	728 w	81.3%	6,377.28	\$1,058.54
2x4 w4 18	112 w	8	24 7 / 8760		Surgery room 2	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	728 w	81.3%	6,377.28	\$1,058.54
2x4 w4 18	112 w	8	24 7 / 8760		Surgery room 3	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w	8	8	728 w	81.3%	6,377.28	\$1,058.54
LED 2x2	w	2	24 7 / 8760	Bldg 300,	office hallway	Skip	w	2		w			
LED 2x2	w	4	5 7 / 1825	Bldg 300,	office 2 side B conference room	Skip	w	4		w			
LED 2x2	w	4	12 7 / 4380	Bldg 300,	library	Skip	w	4		w			
LED 2x4	w	2	12 7 / 4380	Bldg 300,	library	Skip	w	2		w			
LED 9 in can w	w	2	/		hallway	Skip	w	2		w			
LED al	w	2	11 7 / 4100	Lot A	exterior	Skip	w	2		w			
LED al	w	2	11 7 / 4100	Lot A	exterior	Skip	w	2		w			
LED al	w	1	11 7 / 4100	Lot A	exterior	Skip	w	1		w			
LED al	w	4	11 7 / 4100	Lot M	exterior	Skip	w	4		w			
LED al	w	2	11 7 / 4100	Lot M	exterior	Skip	w	2		w			
LED al	w	20	11 7 / 4100	Natividad Exterior	exterior	Skip	w	20		w			
LED al	w	18	11 7 / 4100	Lot B, C, D	exterior	Skip	w	18		w			
LED al	w	10	11 7 / 4100	Lot B, C, D	exterior	Skip	w	10		w			
LED al	w	2	11 7 / 4100	Lot B, C, D	exterior	Skip	w	2		w			
LED al	w	7	11 7 / 4100	Natividad Exterior	exterior	Skip	w	7		w			
LED al	w	1	11 7 / 4100	Lot E	exterior	Skip	w	1		w			
LED al	w	1	11 7 / 4100	Lot E	exterior	Skip	w	1		w			
LED al	w	2	11 7 / 4100	Lot E	exterior	Skip	w	2		w			
LED al	w	3	11 7 / 4100	Lot E	exterior	Skip	w	3		w			
LED al	w	8	11 7 / 4100	Lot E, F, G, H, I	exterior	Skip	w	8		w			
LED al	w	14	11 7 / 4100	Lot E, F, G, H, I	exterior	Skip	w	14		w			
LED al	w	1	11 7 / 4100	Lot E, F, G, H, I	exterior	Skip	w	1		w			
LED al	w	2	11 7 / 4100	helppad	exterior	Skip	w	2		w			
LED al	w	2	11 7 / 4100	helppad	exterior	Skip	w	2		w			
LED al	w	8	11 7 / 4100	helppad	exterior	Skip	w	8		w			
LED al	w	1	11 7 / 4100	helppad	exterior	Skip	w	1		w			
LED al	w	2	11 7 / 4100	Lot K	exterior	Skip	w	2		w			
LED al	w	4	11 7 / 4100	Lot K	exterior	Skip	w	4		w			
LED wp	w	1	1 7 / 365	Bldg 300,	bathroom	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	gender neutral bathrooms	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			

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EXISTING			Location		Suggested Replacements					Savings			
Existing	Watts/Fix	# of Fixtures	Existing Operating Hours-Day / Yr.	Building/Zone	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings
LED wp	w	1	12 7 / 4380	100	patient shower	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	252(room with 2 beds)	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	250(has patients was told they had the same fixtures)	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	251(has patients was told they had the same fixtures as 252)	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	253(had patients , same as 252)	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	254(had patients same as 252)	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	259(same as 252) patients	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	storage room	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100		Skip	w	1		w			
LED wp	w	1	12 7 / 4380	100	276 same as 252	Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 300.	bathroom 1	Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 300.	bathroom 2	Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 300.	office hallway bathroom	Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 300.	office 2 side B lounge bathroom	Skip	w	1		w			
no photos no info or counts	w		/	100		Skip	w			w			
no photos no info or counts	w		12 7 / 4380	100	255- 258 (all private rooms) patients in	Skip	w			w			
no photos no info or counts	w		12 7 / 4380	100	bathroom	Skip	w			w			
	w		/			Skip	w			w			
LED 2x2	w	33	10 5 / 2607	2nd floor of 200		Skip	w	33		w			
LED 2x2	w	33	/			Skip	w	33		w			
LED 2x2 w	w	15	10 5 / 2607	2nd floor of 201	waiting room	Skip	w	15		w			
LED 2x2 w2 u	w	2	12 7 / 4380	200	secretary	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam Room 26	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam Room 27	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 12	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 13	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 11	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 10	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 9	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Procedure room	Skip	w	2		w			
LED 2x4	w	1	10 5 / 2607	2nd floor of 200	Lab	Skip	w	1		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 2	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 3	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 4	Skip	w	2		w			
LED 2x4	w	1	10 5 / 2607	2nd floor of 200	Bariatric services	Skip	w	1		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 200	Exam room 15	Skip	w	2		w			
LED 2x4	w	2	10 5 / 2607	2nd floor of 202	waiting room	Skip	w	2		w			
LED 2x4	w	1	/		Bariatric services	Skip	w	1		w			
LED 2x4	w	1	/	900	breakroom	Skip	w	1		w			
LED 2x4	w	2	/	900		Skip	w	2		w			
LED 2x4 w1	w	1	/	900		Skip	w	1		w			
LED 2x4 w1	w	1	/	900	office 1	Skip	w	1		w			
LED 2x4 w1	w	2	/	900	will signorelli	Skip	w	2		w			
LED area	w	1	11 7 / 4100	820		Skip	w	1		w			
LED can	w	1	12 7 / 4380	200	restroo.	Skip	w	1		w			
LED lb	w	1	24 7 / 8760	Bldg 500. 2nd floor Maternal Infant Unit	bathroom	Skip	w	1		w			
LED vanity	w	1	24 7 / 8760	Bldg 500. 2nd floor Maternal Infant Unit	locker room	Skip	w	1		w			
LED wp	w	1	11 7 / 4100	820		Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 500. 2nd floor Maternal Infant Unit	restroom 1	Skip	w	1		w			
LED wp	w	1	1 7 / 365	Bldg 500. 2nd floor Maternal Infant Unit	breakroom restroom	Skip	w	1		w			
LED wp	w	13	11 7 / 4100			Skip	w	13		w			
LED wp	w	1	12 7 / 4380	200	all gender bathroom	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	200	2nd all gender bathroo m	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	200	mens restroom	Skip	w	1		w			
LED wp	w	1	12 7 / 4380	200	women restroom	Skip	w	1		w			
LED wp	w	1	12 7 / 4380			Skip	w	1		w			
LED Wp	w	1	10 5 / 2607	2nd floor of 200	All gender bathroom	Skip	w	1		w			
LED Wp	w	2	10 5 / 2607	2nd floor of 200	Mens locker	Skip	w	2		w			
LED Wp	w	1	10 5 / 2607	2nd floor of 200	Bathroom	Skip	w	1		w			
LED Wp	w	1	10 5 / 2607	2nd floor of 200	Restroom	Skip	w	1		w			
LED Wp	w	1	/		All gender bathroom	Skip	w	1		w			
LED Wp	w	1	/		Bathroom	Skip	w	1		w			
Light head	w	1	10 5 / 2607	2nd floor of 200	Surgery room 4	Skip	w	1		w			
medical equipment	w		10 5 / 2607	2nd floor of 200		Skip	w			w			
medical machinery	w		/			Skip	w			w			
wp w 1	100 w	8	12 7 / 4380		main room	Skip	100 w	8	8	w			
wp w1 18 bulb	150 w	1	10 5 / 2607	2nd floor of 200	A&D 3	Skip	150 w	1	1	w			
wp w1 18 bulb	150 w	1	10 5 / 2607	2nd floor of 200		Skip	150 w	1	1	w			

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wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 1	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 2	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 4	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 5	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 9	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	10 5 / 2607		2nd floor of 200	A&D 10	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 3	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920				Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 1	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 2	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 4	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 5	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 9	Skip	150 w	1	1	w		
wp w1 18 bulb	150 w	1	8 7 / 2920			A&D 10	Skip	150 w	1	1	w		
w				900	meeting		Skip	w			w		
w				900	jason perry		Skip	w			w		
10in can w1 heating lamp	w	3	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	NICU main room 2	Skip	w	3		w		
confirmed that rest of office is LED	w						Skip	w			w		
LED 1x4 w1 18	w	17	24 7 / 8760		bldg 400.	main hallway	Skip	w	17		w		
LED 1x4 w2 18	w	7	24 7 / 8760		bldg 400.	main hallway	Skip	w	7		w		
LED 2x2	w	22	24 7 / 8760		bldg 400.	room 102 main hall	Skip	w	22		w		
LED 2x2	w	8	24 7 / 8760		bldg 400.	room 102 entry	Skip	w	8		w		
LED 2x2	w	6	24 7 / 8760		bldg 400.	room 102 reception	Skip	w	6		w		
LED 2x2	w	8	24 7 / 8760		Bldg 500.	admitting/registration back desk	Skip	w	8		w		
LED 2x4	w	2	12 7 / 4380		bldg 400.	room 102 bone density	Skip	w	2		w		
LED 2x4	w	1	12 7 / 4380		bldg 400.	room 102 changing room	Skip	w	1		w		
LED 2x4	w	2	12 7 / 4380		bldg 400.	room 102 coumadin clinic	Skip	w	2		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 office 2	Skip	w	1		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 exam #6	Skip	w	1		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 exam #5	Skip	w	1		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 exam #4	Skip	w	1		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 exam #3	Skip	w	1		w		
LED 2x4	w	2	24 7 / 8760		bldg 400.	room 102 exam #6	Skip	w	2		w		
LED 2x4	w	1	24 7 / 8760		bldg 400.	room 102 exam #6	Skip	w	1		w		
LED 2x4	w	2	24 7 / 8760		bldg 400.	room 102 office 1	Skip	w	2		w		
LED 2x4	w	4	24 7 / 8760		bldg 400.	room 102 ultrasound	Skip	w	4		w		
LED 2x4	w	1	5 7 / 1825		Bldg 500 2nd floor. Labor and delivery	family room	Skip	w	1		w		
LED 4ft lin w118	w	3	1 7 / 365		bldg 400.	1st floor womens bathroom	Skip	w	3		w		
LED 4ft linear	w	1	1 7 / 365		bldg 400.	room 102 bathroom	Skip	w	1		w		
LED 4ft linear w118	w	3	1 7 / 365		bldg 400.	1st floor mens bathroom	Skip	w	3		w		
LED 4ft linear w118	w	3	1 7 / 365		bldg 400.	2nd floor mens bathroom	Skip	w	3		w		
LED 4ft linear w118	w	3	1 7 / 365		bldg 400.	2nd floor womens bathroom	Skip	w	3		w		
LED 5in can w1 mr16	w	6	24 7 / 8760		Bldg 500. 2nd floor	main lobby	Skip	w	6		w		
LED 7.5in can	w	2	24 7 / 8760		bldg 400.	room 102 entry	Skip	w	2		w		
LED 7.5in can	w	14	24 7 / 8760		bldg 400.	entry	Skip	w	14		w		
LED 7.5in can	w	6	24 7 / 8760		bldg 400.	entry	Skip	w	6		w		
LED 7.5in can w1	w	13	24 7 / 8760		bldg 400.	2nd floor hall	Skip	w	13		w		
LED 7.5in can w2	w	8	24 7 / 8760		bldg 400.	2nd floor hall	Skip	w	8		w		
LED 8in can	w	3	1 7 / 365		bldg 400.	room 103 restroom	Skip	w	3		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 202	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 201	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 203	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 204	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 205	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 206	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 207	Skip	w	2		w		
LED flood	w	2	12 7 / 4380		Bldg 500 2nd floor. Labor and delivery	room 208	Skip	w	2		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 202 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 201 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 203 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 204 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 205 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 206 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 207 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	room 208 bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	labor room A bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	labor room B bathroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	214 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	209 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	221 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	212 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	213 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500. 2nd floor Maternal Infant Unit	220 restroom	Skip	w	1		w		
LED lb	w	1	1 7 / 365		Bldg 500 2nd floor. Labor and delivery	locker room bathroom	Skip	w	1		w		
LED vanity	w	1	24 7 / 8760		Bldg 500 2nd floor. Labor and delivery	locker room	Skip	w	1		w		
LED vanity	w	1	24 7 / 8760		Bldg 500.	emergency room mens bathroom	Skip	w	1		w		

ENERGY AUDIT

Natividad Medical Center

Natividad Medical Center
1441 Constitution Blvd.
Salinas, CA 93906
Acct: 6137155108; SAID: 6134194830

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 783-2562
Customer Email: PaulsworthAL@co.monterey.ca.us

Approx. Building Size 677,247 SF
Energy Rate \$ 0.17 /kWh &
Interest Rate 0%



In Reference to Quote # 200395

EXISTING			Location		Suggested Replacements					Savings				
Existing	Watts/Fix	# of Fixtures	Existing Operating Hours-Day / Yr.	Building/Zone	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings	
LED vanity	w	1	24 7 /	Bldg 500.	emergency room womens bathroom	Skip	w	1		w				
LED vanity	w	1	1 7 /	Bldg 500, 2nd floor	bathroom 2	Skip	w	1		w				
LED vanity	w	1	1 7 /	Bldg 500, 2nd floor	bathroom 1	Skip	w	1		w				
LED lb	w	1	1 6 /	Bldg 500, 2nd floor Ante Natal testing unit	restroom	Skip	w	1		w				
LED w1 i8	w	5	24 7 /	bldg 400.	2nd floor hall	Skip	w	5		w				
LED w2 i8	w	3	24 7 /	bldg 400.	2nd floor hall	Skip	w	3		w				
LED wp	w	1	1 7 /	bldg 400.	room 102 bathroom 1	Skip	w	1		w				
LED wp	w	1	1 7 /	Bldg 500 2nd floor. Labor and delivery	labor room A	Skip	w	1		w				
LED wp	w	1	1 7 /	Bldg 500 2nd floor. Labor and delivery	labor room B	Skip	w	1		w				
LED wp	w	1	1 7 /	Bldg 500 2nd floor. Labor and delivery	NICU bathroom	Skip	w	1		w				
LED wp	w	1	24 7 /	Bldg 500 3rd floor.	mens bathroom	Skip	w	1		w				
LED wp	w	1	24 7 /	Bldg 500 3rd floor.	womens bathroom	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	214	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	212	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	213	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	220	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 202	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 201	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 203	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 204	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 205	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 206	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 207	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500 2nd floor. Labor and delivery	room 208	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	209	Skip	w	1		w				
LED wp	w	1	12 7 /	Bldg 500, 2nd floor Maternal Infant Unit	221	Skip	w	1		w				
no permission to enter	w					Skip	w			w				
not permitted to enter	w					Skip	w			w				
not permitted to enter	w			Bldg 500 2nd floor. Labor and delivery	main hall	Skip	w			w				
not permitted to enter	w			Bldg 500 2nd floor. Labor and delivery	main hall	Skip	w			w				
per staff we couldn't enter	w		24 7 /	bldg 400.	room 102 main hall	Skip	w			w				
per staff we couldn't enter	w			bldg 400.	room 102 main hall	Skip	w			w				
per staff we couldn't enter	w			bldg 400.	room 102 physician office	Skip	w			w				
wp w2 cfl	66 w	6	4 7 /	Bldg 500 2nd floor. Labor and delivery	NICU main room 1	Skip	66 w	6	12	w				
wp w2 cfl	66 w	6	4 7 /	Bldg 500 2nd floor. Labor and delivery	NICU main room 2	Skip	66 w	6	12	w				
wp w2 cfl	66 w	2	12 7 /	Bldg 500 2nd floor. Labor and delivery	NICU main room 3	Skip	66 w	2	4	w				
blank line	w			Building 580	kitchen	Skip	w			w				
blank line	w			2nd floor of 580		Skip	w			w				
LED 2x2 w	w	1		Building 580	hallway by cafeteria	Skip	w	1		w				
LED 2x2 w3	w	3		2nd floor of 580		Skip	w	3		w				
LED 2x4	w	2		Building 580		Skip	w	2		w				
LED 2x4	w	2			Exam Room 26	Skip	w	2		w				
LED 2x4	w	2			Exam Room 27	Skip	w	2		w				
LED 2x4	w	2			Exam room 12	Skip	w	2		w				
LED 2x4	w	2			Exam room 13	Skip	w	2		w				
LED 2x4	w	2			Exam room 11	Skip	w	2		w				
LED 2x4	w	2	16 7 /	5840	Exam room 10	Skip	w	2		w				
LED 2x4	w	2			Exam room 9	Skip	w	2		w				
LED 2x4	w	2			Procedure room	Skip	w	2		w				
LED 2x4	w	1			Lab	Skip	w	1		w				
LED 2x4	w	2			Exam room 2	Skip	w	2		w				
LED 2x4	w	2			Exam room 3	Skip	w	2		w				
LED 2x4	w	2			Exam room 4	Skip	w	2		w				
LED 2x4	w	2			Exam room 15	Skip	w	2		w				
LED can	w	4		Building 580	vending services	Skip	w	4		w				
LED strip	w	1		2nd floor of 580		Skip	w	1		w				
LED wp	w	1		2nd floor of 580	restroom	Skip	w	1		w				
LED wp	w	1		2nd floor of 580	bathroom	Skip	w	1		w				
LED wp	w			2nd floor of 580	restroom	Skip	w			w				
LED wp	w			2nd floor of 580	staff restroom	Skip	w			w				
LED Wp	w	2			Mens locker	Skip	w	2		w				
LED Wp	w	1			Restroom	Skip	w	1		w				
Light head	w	1			Surgery room 4	Skip	w	1		w				
	w	1		Building 580	bathroom	Skip	w	1		w				
10in can w1 hps	138 w	1	11 7 /	Bldg 400	exterior	LED 10" Can Downlight, 3000K,3500K,4000K,4100K, UNV, REC	30 w	1	1	108 w	78.3%	442.77	\$73.49	
lowbay flood w1 mh	95 w	6	2 7 /	730	Bldg 500 2nd floor. Labor and delivery	NICU main room 1	LED A19, 4100K, 120v, w/ Socket Replacement	15 w	6	480 w	84.2%	350.40	\$58.16	
lowbay flood w1 mh	95 w	6	2 7 /	730	Bldg 500 2nd floor. Labor and delivery	NICU main room 2	LED A19, 4100K, 120v, w/ Socket Replacement	15 w	6	480 w	84.2%	350.40	\$58.16	
lowbay flood w1 mh	95 w	2	12 7 /	4380	Bldg 500 2nd floor. Labor and delivery	NICU main room 3	LED A19, 4100K, 120v, w/ Socket Replacement	15 w	2	160 w	84.2%	700.80	\$116.32	
lowbay flood w1 mh	95 w	1	5 7 /	1825	Bldg 500 2nd floor. Labor and delivery	NICU sterilized room	LED A19, 4100K, 120v, w/ Socket Replacement	15 w	1	84.20 w	84.2%	146.00	\$24.23	
wp w2 inc	100 w	2	5 7 /	1825	Building 580	freezer 6 and 7	LED A19, 4100K, 120v, w/ Socket Replacement	30 w	2	4	140 w	70.0%	255.50	\$42.41
wp w2 inc	100 w	2	5 7 /	1825	Building 580	freezer 2	LED A19, 4100K, 120v, w/ Socket Replacement	30 w	2	4	140 w	70.0%	255.50	\$42.41
wp w2 inc	100 w	2	5 7 /	1825	Building 580	freezer 3	LED A19, 4100K, 120v, w/ Socket Replacement	30 w	2	4	140 w	70.0%	255.50	\$42.41
wp w2 inc	100 w	1	5 7 /	1825	Building 580		LED A19, 4100K, 120v, w/ Socket Replacement	30 w	1	2	70 w	70.0%	127.75	\$21.20
vanity w3 cfl	48 w	1	12 7 /	4380	100	250(has patients was told they had the same fixtures)	LED A19, 4100K, 120v w/ Socket Replacement	18 w	1	3	30 w	62.5%	131.40	\$21.81
vanity w3 cfl	48 w	1	12 7 /	4380	100	251(has patients was told they had the same fixtures as 252)	LED A19, 4100K, 120v w/ Socket Replacement	18 w	1	3	30 w	62.5%	131.40	\$21.81
vanity w3 cfl	48 w	1	12 7 /	4380	100	253(had patients , same as 252)	LED A19, 4100K, 120v w/ Socket Replacement	18 w	1	3	30 w	62.5%	131.40	\$21.81

Natividad Medical Center

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Salinas, CA 93906
Acct: 6137155108 SAID: 6134194830

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 783-2562
Customer Email: PaulsworthAL@co.monterey.ca.us

ENERGY AUDIT

Approx. Building Size 677,247 SF
Energy Rate \$ 0.17 /kWh &
Interest Rate 0%



In Reference to Quote # 200395

Table with columns: Existing, EXISTING (Watts/Fix, # of Fixtures, Existing Operating Hours-Day / Yr.), Location (Building/Zone, Room/Area), Suggested Replacements, Watts/Fix, # of Fixtures, # of Lamps, Watts/bulbs Saved, Usage Saved, Savings (KWh Saved, Annual Savings).

ENERGY AUDIT



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Energy Rate \$ 0.17 /kWh &
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In Reference to Quote # 200395

EXISTING				Location		Suggested Replacements					Savings		
Existing	Watts/Fix	# of Fixtures	Existing Operating Hours-Day / Yr.	Building/Zone	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings
al w1 hps	295 w	2	11 7 / 4100	Lot A	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	2	2	387 w	65.6%	1,587.40	\$263.49
al w1 hps	295 w	12	11 7 / 4100	Natividad Exterior	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	12	12	2,323 w	65.6%	9,524.38	\$1,580.92
al w1 hps	295 w	6	11 7 / 4100	Natividad Exterior	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	6	6	1,162 w	65.6%	4,762.19	\$790.46
al w1 hps	295 w	5	11 7 / 4100	Lot B, C, D	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	5	5	968 w	65.6%	3,968.49	\$658.72
al w1 hps	295 w	1	11 7 / 4100	Lot E	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	1	1	194 w	65.6%	793.70	\$131.74
al w1 hps	295 w	14	11 7 / 4100	Lot E, F, G, H, I	exterior	LED Post Top, 5000K, UNV, White Finish	101.4 w	14	14	2,710 w	65.6%	11,111.77	\$1,844.40
	w		/				w			w			
	w		/				w			w			
	w		/				w			w			
	w		/				w			w			
Totals		4912						4921		201,348 w	71.8%	1,041,883.79	\$172,938.65

201,348	Estimated Watts Saved	Total Project Cost	\$999,161.23	Approximate Energy Savings Per Month	\$14,411.55
1,041,884	Estimated Annual kWh Saved	Total After Rebate/Incentive Project Cost	\$999,161.23	Estimated Energy Savings Per Year	\$172,938.65
126.0	Estimated Avg Annual Res Powered by Savings	****Estimated Program Payback Period Yrs.	5.78	**Estimated Total Savings Over 5 Years	\$974,871.23
775	Estimated Annual CO2 Savings (MT)			** Estimated Total Savings After 10 Years	\$2,279,468.84
253,963,680	Estimated Btu Savings Per Month			Estimated Energy Rebate	\$0.00
71.8%	Estimated Average Electrical Savings			Estimated IRS Tax Deduction 179D Available	\$406,348.20
				***Estimated Federal Tax Savings	\$142,221.87
5.78	Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings			Estimated Bulb Replacement Savings Per Year	\$17,693.25
4.50	Estimated Payback Period Yrs. Fully Comprehensive^			^^ Estimated Bulb Replacement Savings Per Avg. Est. Life of LED	\$508,340.53
				Estimated Loan Payment	\$14,273.73

*** Based on IRS 179D Deduction @ 35% federal tax rate

****Program Payback Period Yrs. = (Total Project Cost - Available Program Rebates or Incentives) / Estimated \$ Saved per Year

*Payback Period Yrs. = (Total Project Cost - Available Rebate or Incentive - Tax Savings) / (Estimated Savings Per Year + Bulb Replacement Savings Per Yr.)

**Based on industry standard LED lifespan of 50,000 hrs.

NOTE: Attached calculations do not include depreciation deduction for project cost.

*Payment is based on a 5.78 year loan at 0% interest OAC, actual may vary.

** Reflects energy savings per year increasing at industry standard 6% per year + Bulb Replacement