

ENERGY AUDIT

County of Monterey

County of Monterey - San Antonio Lake & Resort
SAN ANTONIO LAKE REC AREA
Bradley, CA 93426

Acct: 1595499162; SAID: 1594647122

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 755-5344
Customer Email: paulsworth@co.monterey.ca.us

Approx. Building Size 30,663 SF
Energy Rate \$ 0.30 /kWh
Interest Rate 0%



In Reference to Quote # 200533

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
bathroom closed	w		/	Harris Creek campground	Harris 3 bathroom	Skip	w			w			
bathroom closed	w		8 7 / 2920	Harris Creek campground	Harris 7	Skip	w			w			
fan a 6 motors	w	1	24 7 / 8760	Restuarant &Store bldg	walk-in cooler	Skip	w	1		w			
LED 4ft lin w 2 t8	w	1	2 7 / 730	storage bldg by gas pumps	pipe fittings room	Skip	w	1		w			
LED 4ft lin w 3t8	w	2	1 5 / 261	San Antonio Lake	grounds office locker room	Skip	w	2		w			
LED 8ft lin dsy chn w 4t8	w	4	5 5 / 1304	San Antonio Lake	wood shop	Skip	w	4		w			
LED ceiling fan w 2 a19	w	1	5 7 / 1825	san antonio lake	ranger house master bedroom	Skip	w	1		w			
LED ceiling fan w 2 a19	w	1	4 7 / 1460	san antonio lake	ranger house main entry	Skip	w	1		w			
LED ceiling fan w 3 a19	w	1	4 7 / 1460	san antonio lake	ranger house kitchen	Skip	w	1		w			
LED high bay	w	4	8 5 / 2086	San Antonio Lake	auto shop	Skip	w	4		w			
LED lb w 1 a19	w	1	1 7 / 365	san antonio lake	ranger house 3rd bedroom	Skip	w	1		w			
LED lb w 1 a19	w	1	3 7 / 1095	storage bldg by gas pumps	bathroom 1	Skip	w	1		w			
LED lb w 1 a19	w	1	4 7 / 1460	san antonio lake	resident house 1 Mstr bedroom bathroom	Skip	w	1		w			
LED lb w 1 a19	w	1	2 7 / 730	san antonio lake	ranger house master bedroom shelf rm	Skip	w	1		w			
LED lb w 1 a19	w	1	8 7 / 2920	Harden Youth Campground	Beach 2 womens bathroom	Skip	w	1		w			
LED lb w 1 bulb	w	1	1 5 / 261	San Antonio Lake	storage next to kitchen	Skip	w	1		w			
LED lb w 2 a19	w	1	3 7 / 1095	san antonio lake	ranger house master bedroom bathroom	Skip	w	1		w			
LED lb w 2 a19	w	1	3 7 / 1095	san antonio lake	ranger house kitchen	Skip	w	1		w			
LED lb w 2 a19	w	1	3 7 / 1095	Marina Lodges	Lodge 5 living room/kitchen	Skip	w	1		w			
LED lb w 2 a19	w	1	3 7 / 1095	Marina Lodges	Lodge 6 2nd bathroom	Skip	w	1		w			
LED lb w w a19	w	2	3 7 / 1095	Marina Lodges	Lodge 6 living room/kitchen	Skip	w	2		w			
LED strip in old lin fixtr	w	2	8 5 / 2086	San Antonio Lake	auto shop	Skip	w	2		w			
LED vanity w 3 a19	w	1	4 7 / 1460	san antonio lake	resident house 1 Mstr bedroom bathroom	Skip	w	1		w			
LED vanity a 4a9g	w	1	2 5 / 521	San Antonio Lake	Utilities Office bathroom	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	Harris Creek campground	Harris 4 mens bathroom	Skip	w	1		w			
LED WP w 1 a19	w	1	3 7 / 1095	san antonio lake	ranger house hallway by bathroom	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	Harris Creek campground	Harris 2 mens bathroom	Skip	w	1		w			
LED WP w 1 a19	w	4	24 7 / 8760	Harris Creek campground	Hatch Creek 1 Mens shower house	Skip	w	4		w			
LED WP w 1 a19	w	2	24 7 / 8760	Harris Creek campground	Hatch Creek 1 womens shower house	Skip	w	2		w			
LED WP w 1 a19	w	1	8 7 / 2920	lynch campground	Lynch 1 womens bathroom	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	lynch campground	Lynch 3 mens bathroom	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	lynch campground	Lynch 4 mens bath/shower house	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 5 mens room	Skip	w	1		w			
LED WP w 1 a19	w	1	8 7 / 2920	lynch campground	Lynch 1 mens bathroom	Skip	w	1		w			
LED wp w 1 a19	w	6	8 7 / 2920	San Antonio Lake	complete maint yard bldg ext lights	Skip	w	6		w			
locked door	w		/	San Antonio Lake	Utilities Office locked room	Skip	w			w			
pge meter	w		/	San Antonio Lake Visitor Center		Skip	w			w			
water heater	w	1	/	San Antonio Lake Visitor Center		Skip	w	1		w			
water heater	w	1	/	Restuarant &Store bldg	laundry room water heater closet	Skip	w	1		w			
lb w1 cfl	26 w	1	2 7 / 730	Marina Lodges	Lodge 4 2nd bedroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	12 w	46.2%	8.76	\$2.62
wp w2 cfl	26 w	1	5 7 / 1825	Restuarant &Store bldg	east entry hall mens bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	12 w	46.2%	21.90	\$6.56
lb w1 cfl	24 w	1	3 7 / 1095	storage bldg by gas pumps	bathroom 2	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	10 w	41.7%	10.95	\$3.28
lb w2 a19	66 w	1	4 7 / 1460	san antonio lake	ranger house 2nd entry hall	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	52 w	78.8%	75.92	\$22.74
lb w2 a19	66 w	1	4 7 / 1460	san antonio lake	ranger house bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	52 w	78.8%	75.92	\$22.74
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 4 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 5 mens shower house	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 5 mens shower house	Skip	26 w	1	1	w			
wp w1 cfl	26 w	2	8 7 / 2920	Harris Creek campground	Harris 5 womens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 6 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 6 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 8 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Harris Creek campground	Harris 8 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 1 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 1 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 1 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 1 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 10 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 10 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 11 mens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 11 womens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 2 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 2 womens bathroom	Skip	26 w	2	2	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 3 mens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 3 womens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 4 mens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	2	8 7 / 2920	Redondo Vista campground	Redondo vista 4 womens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 5 womens room	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 6 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Redondo Vista campground	Redondo vista 6 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Beach 1 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	Beach campground	Beach 1 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	4	8 7 / 2920	Harris Creek campground	Harris 2 womens bathroom	Skip	26 w	4	4	w			
wp w1 cfl	26 w	2	24 7 / 8760	Hatch Creek campground	Hatch Creek 1 Mens shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	4	24 7 / 8760	Harris Creek campground	Hatch Creek 1 womens shower house	Skip	26 w	4	4	w			

ENERGY AUDIT

County of Monterey

County of Monterey - San Antonio Lake & Resort
SAN ANTONIO LAKE REC AREA
Bradley, CA 93426

Acct: 1595499162; SAID: 1594647122

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 755-5344
Customer Email: paulsworth@co.monterey.ca.us

Approx. Building Size 30,663 SF
Energy Rate \$ 0.30 /kWh
Interest Rate 0%



In Reference to Quote # 200533

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
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 2 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 2 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 3 womens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 4 mens bath/shower house	Skip	26 w	1	1	w			
wp w1 cfl	26 w	2	8 7 / 2920	lynch campground	Lynch 4 womens bath/shower house	Skip	26 w	2	2	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 5 mens bathroom	Skip	26 w	1	1	w			
wp w1 cfl	26 w	1	8 7 / 2920	lynch campground	Lynch 5 womens bathroom	Skip	26 w	1	1	w			
lb w2 a19	66 w	1	3 7 / 1095	san antonio lake	ranger house 2nd bedroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	52 w	78.8%	56.94	\$17.05
lb w1 circeline	40 w	2	4 7 / 1460	Restuarant & Store bldg	back storage room bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	2	2	52 w	65.0%	75.92	\$22.74
lb w1 circeline	40 w	1	2 7 / 730	Restuarant & Store bldg	laundry room water heater closet	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	26 w	65.0%	18.98	\$5.68
lb w1 circeline	40 w	1	10 7 / 3650	Restuarant & Store bldg	lounge area	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	26 w	65.0%	94.90	\$28.42
lb w2 a19	114 w	2	3 7 / 1095	Marina Lodges	Lodge 6 living room/kitchen	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	2	2	200 w	87.7%	219.00	\$65.59
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 7 2nd bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 7 2nd bedroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 7 bunk bed room	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 7 master bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 4 bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	3	4 7 / 1460	Marina Lodges	Lodge 4 living room/kitchen	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	3	3	300 w	87.7%	438.00	\$131.19
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 5 2nd bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 5 2nd bedroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	3	3 7 / 1095	Marina Lodges	Lodge 5 living room/kitchen	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	3	3	300 w	87.7%	328.50	\$98.39
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 5 master bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	4 7 / 1460	Marina Lodges	Lodge 6 2nd bedroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	146.00	\$43.73
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 6 bunk bed room	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	1	3 7 / 1095	Marina Lodges	Lodge 6 master bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	100 w	87.7%	109.50	\$32.80
lb w2 a19	114 w	5	4 7 / 1460	Marina Lodges	Lodge 7 living room/kitchen	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	5	5	500 w	87.7%	730.00	\$218.64
lb w1 a19	8 w	1	4 7 / 1460	san antonio lake	resident house 1 laundry room	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	w	-75.0%	(8.76)	-\$2.62
lb w1 a19	8 w	1	3 7 / 1095	san antonio lake	resident house 1 living room/kitchen	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	w	-75.0%	(6.57)	-\$1.97
lb w1 a19	8 w	1	4 7 / 1460	san antonio lake	resident house 2nd bathroom	wbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, Di	14 w	1	1	w	-75.0%	(8.76)	-\$2.62
lb fan w1 cfl	17 w	1	2 5 / 521	San Antonio Lake	Utilities Office bathroom	LED Horizontal PL Replacement, 3000K, UNV	10 w	1	1	7 w	41.2%	3.65	\$1.09
track w1 cfl	24 w	22	8 6 / 2503	San Antonio Lake Visitor Center	museum	LED Spot Track Lighting, 4000K, UNV	7 w	22	22	374 w	70.8%	936.07	\$280.36
wp w1 cfl	17 w	12	8 7 / 2920	San Antonio Lake Visitor Center	exterior bldg lights	LED Wallpack, CCT, UNV, PH	15.52 w	12	12	18 w	8.7%	51.86	\$15.53
wp w1 cfl	17 w	5	8 7 / 2920	Restuarant & Store bldg	exterior lighting	LED Wallpack, CCT, UNV, PH	15.52 w	5	5	7 w	8.7%	21.61	\$6.47
wp w1 circeline	40 w	3	10 7 / 3650	Harden Youth Campground	Shower room	LED Wallpack, CCT, UNV, PH	15.52 w	3	3	73 w	61.2%	268.06	\$80.29
4ft lin wrap w1 t12	43 w	1	1 7 / 365	storage bldg by gas pumps	air compressor room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	19 w	44.4%	6.97	\$2.09
4ft lin wrap w1 t12	85 w	1	10 7 / 3650	Restuarant & Store bldg	back storage room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	61 w	71.9%	223.02	\$66.80
4ft lin wrap w2 t12	72 w	2	10 7 / 3650	Restuarant & Store bldg	restaurant counter area	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	96 w	66.8%	351.13	\$105.17
4ft lin w2 t8	59 w	2	8 5 / 2086	storage bldg by gas pumps	tool room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	70 w	59.5%	146.42	\$43.85
4ft lin wrap w2 t8	59 w	4	4 5 / 1043	San Antonio Lake	cafe gillet	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	4	4	140 w	59.5%	146.42	\$43.85
4ft lin wrap w2 t8	59 w	1	3 5 / 782	San Antonio Lake	room w sink and washer	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	27.45	\$8.22
4ft lin wrap w2 t8	59 w	1	3 5 / 782	San Antonio Lake	room w sink and washer bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	27.45	\$8.22
4ft lin wrap w2 t8	59 w	1	8 5 / 2086	San Antonio Lake	auto shop parts room office	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	73.21	\$21.93
4ft lin wrap w2 t8	59 w	1	5 7 / 1825	Restuarant & Store bldg	east entry hall mens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	64.06	\$19.19
4ft lin wrap w2 t8	59 w	1	5 7 / 1825	Restuarant & Store bldg	east entry hall womens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	64.06	\$19.19
4ft lin wrap w2 t8	59 w	6	10 7 / 3650	Restuarant & Store bldg	laundry room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	6	6	211 w	59.5%	768.69	\$230.23
4ft lin wrap w2 t8	59 w	1	10 7 / 3650	Restuarant & Store bldg	store employee room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	128.12	\$38.37
4ft lin wrap w2 t8	59 w	1	8 6 / 2503	San Antonio Lake Visitor Center	Ticket Window Hallway	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	87.85	\$26.31
4ft lin wrap w2 t8	59 w	1	3 7 / 1095	Harden Youth Campground	kitchen bldg	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	38.43	\$11.51
4ft lin wrap w2 t8	59 w	1	8 5 / 2086	San Antonio Lake	auto shop parts room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	1	1	35 w	59.5%	73.21	\$21.93
4ft lin wrap w2 t8	59 w	3	8 7 / 2920	Harris Creek campground	Harris 4 mens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	3	3	105 w	59.5%	307.48	\$92.09
4ft lin wrap w2 t8	59 w	3	8 7 / 2920	Harris Creek campground	Harris 4 womens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	3	3	105 w	59.5%	307.48	\$92.09
4ft lin wrap w2 t8	59 w	2	8 7 / 2920	Harris Creek campground	Harris 6 mens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	70 w	59.5%	204.98	\$61.39
4ft lin wrap w2 t8	59 w	2	8 7 / 2920	Harris Creek campground	Harris 6 womens bathroom t	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	70 w	59.5%	204.98	\$61.39
4ft lin wrap w2 t8	59 w	2	8 7 / 2920	Harris Creek campground	Harris 8 mens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	70 w	59.5%	204.98	\$61.39
4ft lin wrap w2 t8	59 w	2	8 7 / 2920	Harris Creek campground	Harris 8 womens bathroom	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	70 w	59.5%	204.98	\$61.39
4ft lin wrap w2 t8	59 w	4	8 6 / 2503	San Antonio Lake Visitor Center	Main Hall	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	4	4	140 w	59.5%	351.40	\$105.25
4ft lin wrap w2 t12	145 w	2	10 7 / 3650	Restuarant & Store bldg	restaurant dish washing area	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	2	2	242 w	83.5%	884.03	\$264.78
4ft lin wrap w2 t12	145 w	5	10 7 / 3650	Restuarant & Store bldg	restaurant kitchen	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w	5	5	606 w	83.5%	2,210.08	\$661.94
4ft lin wrap w4 t8	112 w	2	8 5 / 2086	San Antonio Lake Visitor Center	file cabinet office	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	2	2	158 w	70.4%	328.71	\$98.45
4ft lin wrap w4 t8	112 w	4	8 6 / 2503	San Antonio Lake Visitor Center	admin office / safe room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	4	4	315 w	70.4%	788.90	\$236.28
4ft lin wrap w4 t8	112 w	6	3 6 / 939	San Antonio Lake Visitor Center	conference room	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	6	6	473 w	70.4%	443.76	\$132.91
4ft lin wrap w4 t8	112 w	1	8 7 / 2920	Restuarant & Store bldg	entry	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	1	1	79 w	70.4%	230.10	\$68.92
4ft lin wrap w4 t8	112 w	4	8 6 / 2503	San Antonio Lake Visitor Center	kitchen	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	4	4	315 w	70.4%	788.90	\$236.28
4ft lin wrap w4 t8	112 w	2	8 5 / 2086	Restuarant & Store bldg	Nate's office	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	2	2	158 w	70.4%	328.71	\$98.45
4ft lin wrap w4 t8	112 w	4	8 5 / 2086	San Antonio Lake Visitor Center	office with single desk	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	4	4	315 w	70.4%	657.42	\$196.90
4ft lin wrap w4 t8	112 w	2	8 5 / 2086	Restuarant & Store bldg	2nd unused office	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	2	2	158 w	70.4%	328.71	\$98.45
4ft lin wrap w4 t8	112 w	6	8 7 / 2920	Restuarant & Store bldg	reservations office	LED 4" Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	6	6	473 w	70.4%	1,380.58	\$413.50
2x4 box w4 t8	112 w	4	8 5 / 2086	San Antonio Lake	Utilities Office	LED Troffer 2x4, 35K, 4K, 5K, w SMT Kit	29.5 w	4	4	330 w	73.7%	688.29	\$206.15
2x4 cust box w4 t8	112 w	1	10 7 / 3650	Restuarant & Store bldg	restaurant counter area	LED Troffer 2x4, 35K, 4K, 5K, w SMT Kit	29.5 w	1	1	83 w	73.7%	301.13	\$90.19
6in can w1 a19	60 w	3	5 5 / 1304	San Antonio Lake Visitor Center	round table office	LED 6" Can Downlight, 3000K, 3500K, 4000K, REC	13 w	3	3	141 w	78.3%	183.80	\$55.05
lb w1 cfl	26 w	1	5 7 / 1825	Restuarant & Store bldg	walk-in cooler w display case	Skip	26 w	1	1	w			
ceiling fan w2 cfl	24 w	1	8 5 / 2086	San Antonio Lake Visitor Center	round table office	Skip	24 w	1	1	w			
wp w1 cfl	24 w	1	4 7 / 1460	san antonio lake	ranger house garage	Skip	24 w	1	1	w			
lb w2 a19	66 w	1	3 7 / 1095	san antonio lake	resident house 1 living room/kitchen	Skip	66 w	1	2	w			

ENERGY AUDIT



County of Monterey

County of Monterey - San Antonio Lake & Resort
SAN ANTONIO LAKE REC AREA
Bradley, CA 93426
Acct: 1595499162; SAID: 1594647122

EcoGreen Sales Rep: Sal Miranda

Customer Contact: Ashley Paulsworth
Title of Contact: Sustainability Program Manager
Customer Phone: (831) 755-5344
Customer Email: paulsworth@co.monterey.ca.us

Approx. Building Size 30,663 SF
Energy Rate \$ 0.30 /kWh
Interest Rate 0%

In Reference to Quote # 200533

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
wp indirect w1 14in t8	19 w	1	10 7 / 3650	Restaurant &Store bldg	lounge area	Skip	19 w	1	1	w			
vanity w3 a19	300 w	1	2 7 / 730	Marina Lodges	Lodge 4 living room/kitchen small sink	Skip	300 w	1	3	w			
lb w2 a19	50 w	1	4 7 / 1460	san antonio lake	ranger house master bedroom work area	Skip	50 w	1	2	w			
lb w4 a19	100 w	1	3 7 / 1095	san antonio lake	resident house 1 living room/kitchen	Skip	100 w	1	4	w			
ceiling fan w4 a19	40 w	12	10 7 / 3650	Restuarant &Store bldg	restaurant seating area	Skip	40 w	12	12	w			
vanity w3 G25	40 w	3	3 7 / 1095	Marina Lodges	Lodge 7 living room/kitchen side sink	Skip	40 w	3	3	w			
vanity w3 G25	40 w	3	2 7 / 730	Marina Lodges	Lodge 5 living room/kitchen small sink	Skip	40 w	3	3	w			
vanity w3 G25	40 w	3	3 7 / 1095	Marina Lodges	Lodge 6 living room/kitchen small sink	Skip	40 w	3	3	w			
ceiling fan w3 a19	55 w	3	3 7 / 1095	Marina Lodges	Lodge 7 master bedroom	Skip	55 w	3	3	w			
lb w1 a19	60 w	2	10 7 / 3650	Restuarant &Store bldg	east entry hall	Skip	60 w	2	2	w			
lb w1 inc	60 w	1	10 7 / 3650	Restuarant &Store bldg	lounge area	Skip	60 w	1	1	w			
ceiling fan w3 Edison bulbs	180 w	1	4 7 / 1460	Marina Lodges	Lodge 6 master bedroom	Skip	180 w	1	3	w			
ceiling fan w3 Edison bulbs	180 w	1	4 7 / 1460	Marina Lodges	Lodge 6 living room/kitchen	Skip	180 w	1	3	w			
ceiling fan w3 inc	180 w	1	3 7 / 1095	Marina Lodges	Lodge 5 master bedroom	Skip	180 w	1	3	w			
ceiling fan w3 inc	180 w	1	3 7 / 1095	Marina Lodges	Lodge 5 living room/kitchen	Skip	180 w	1	3	w			
ceiling fan w3 inc	180 w	1	3 7 / 1095	Marina Lodges	Lodge 4 living room/kitchen	Skip	180 w	1	3	w			
wp lamp w1 a19	8 w	1	4 7 / 1460	san antonio lake	resident house 1 - 3rd bedroom	Skip	8 w	1	1	w			
wp w 1 cfl	26 w	1	8 7 / 2920	Harden Youth Campground	Beach 2 mens bathroom	LED Horizontal FL Replacement, 3000K, UNV	10 w	1	1	16 w	61.5%	46.72	\$13.99
area light w1 par	90 w	12	8 7 / 2920	Restuarant &Store bldg	exterior lighting	LED Flood Light, 3K, 4K, 5K, UNV, Yoke Mount	12 w	12	12	936 w	86.7%	2,733.12	\$819.60
14in lin wp w1 t8	19 w	1	8 7 / 2920	Harden Youth Campground	Beach 2 mens bathroom	LED 2' Linear Fixture, 4000K, UNV	20 w	1	1	w	-5.3%	(2.92)	-\$0.87
14in lin wp w1 t8	19 w	1	8 7 / 2920	Harden Youth Campground	Beach 2 womens bathroom	LED 2' Linear Fixture, 4000K, UNV	20 w	1	1	w	-5.3%	(2.92)	-\$0.87
4ft lin w2 t12	72 w	2	8 7 / 2920	san antonio lake	ranger house garage	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w	2	2	108 w	75.0%	315.36	\$94.45
4ft lin w2 t8	59 w	8	10 7 / 3650	Restuarant &Store bldg	store	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w	8	8	328 w	69.5%	1,197.20	\$358.57
8ft lin w4 4ft t8	112 w	6	10 7 / 3650	Restuarant &Store bldg	store	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	6	6	444 w	66.1%	1,620.60	\$485.39
8ft lin w1 t12	69 w	6	2 7 / 730	redondo campground	oak building	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	6	6	186 w	44.9%	135.78	\$40.67
8ft lin w2 t12	123 w	1	8 5 / 2086	storage bldg by gas pumps	laundry	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	1	1	85 w	69.1%	177.29	\$53.10
8ft lin w2 t12	123 w	2	8 5 / 2086	San Antonio Lake	auto shop parts room	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	2	2	170 w	69.1%	354.57	\$106.20
8ft lin w2 t12	123 w	3	1 7 / 365	San Antonio Lake	auto shop large storage room	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	3	3	255 w	69.1%	93.08	\$27.88
8ft lin w4 t8	219 w	2	5 5 / 1304	San Antonio Lake	wood shop	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w	2	2	362 w	82.6%	471.89	\$141.34
area flood w2 hps	138 w	2	2 7 / 730	Harden Youth Campground	kitchen bldg ext lights	LED Flood, 5000K, UNV	14.8 w	2	2	246 w	89.3%	179.87	\$53.87
1x4 box w4 t8	112 w	2	8 5 / 2086	San Antonio Lake	grounds office	LED Troffer 1x4, Color Selectable, UNV, SMT Kit	30 w	2	2	164 w	73.2%	342.06	\$102.45
1x4 box w4 t8	112 w	2	1 5 / 261	San Antonio Lake	grounds office storage room	LED Troffer 1x4, Color Selectable, UNV, SMT Kit	30 w	2	2	164 w	73.2%	42.76	\$12.81
lb w1 circeline	31 w	1	1 7 / 365	San Antonio Lake Visitor Center	electrical room	DirectAC LED Retrofit Kit, 4000K,	23 w	1	1	8 w	25.8%	2.92	\$0.87
lb w1 circeline	31 w	1	3 6 / 939	San Antonio Lake Visitor Center	museum hallway bathroom	DirectAC LED Retrofit Kit, 4000K,	23 w	1	1	8 w	25.8%	7.51	\$2.25
lb w1 circeline	31 w	2	8 6 / 2503	San Antonio Lake Visitor Center	kitchen	DirectAC LED Retrofit Kit, 4000K,	23 w	2	2	16 w	25.8%	40.05	\$11.99
lb w1 circeline	31 w	1	3 6 / 939	San Antonio Lake Visitor Center	mens restroom	DirectAC LED Retrofit Kit, 4000K,	23 w	1	1	8 w	25.8%	7.51	\$2.25
lb w1 circeline	31 w	4	8 6 / 2503	San Antonio Lake Visitor Center	museum hallway	DirectAC LED Retrofit Kit, 4000K,	23 w	4	4	32 w	25.8%	80.09	\$23.99
lb w1 circeline	31 w	5	8 5 / 2086	San Antonio Lake Visitor Center	office wing Hallway	DirectAC LED Retrofit Kit, 4000K,	23 w	5	5	40 w	25.8%	83.43	\$24.99
lb w1 circeline	31 w	1	3 6 / 939	San Antonio Lake Visitor Center	womens restroom	DirectAC LED Retrofit Kit, 4000K,	23 w	1	1	8 w	25.8%	7.51	\$2.25
lb w1 circeline	31 w	1	3 6 / 939	San Antonio Lake Visitor Center	womens restroom entry	DirectAC LED Retrofit Kit, 4000K,	23 w	1	1	8 w	25.8%	7.51	\$2.25
wp lamp w1 a19	8 w	2	2 7 / 730	san antonio lake	resident house 1 master bedroom	Skip	8 w	2	2	w			
wp lamp w1 a19	8 w	1	4 7 / 1460	san antonio lake	resident house1 - 2nd bedroom	Skip	8 w	1	1	w			
Cooler	w		/		Larkin 6-Fan Unit	EC Motor 1/15 HP Cooler,	w	6		w	28.7%	1,482.00	\$443.88
	w		/			Fan Motor Controller	w	1		w		1,602.30	\$479.91
Totals		402	Ave: 3115				w	409		12,155 w	68.6%	29,234.97	\$8,756.20

12,155	Estimated Watts Saved	Total Project Cost	\$79,675.47	Approximate Energy Savings Per Month	\$729.68
29,235	Estimated Annual kWh Saved	Total After Rebate/Incentive Project Cost	\$79,675.47	Estimated Energy Savings Per Year	\$8,756.20
3.5	Estimated Avg Annual Res Powered by Savings	****Estimated Program Payback Period Yrs.	9.10	**Estimated Total Savings Over 5 Years	\$49,359.50
22	Estimated Annual CO2 Savings (MT)			** Estimated Total Savings After 10 Years	\$115,413.66
6,497,957	Estimated Btu Savings Per Month			Estimated Energy Rebate	\$0.00
68.6%	Estimated Average Electrical Savings			Estimated IRS Tax Deduction 179D Available	\$18,397.80
				***Estimated Federal Tax Savings	\$6,439.23
9.10	Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings			Estimated Bulb Replacement Savings Per Year	\$651.84
7.78	Estimated Payback Period Yrs. Fully Comprehensive^			^^ Estimated Bulb Replacement Savings Per Avg. Est. Life of LED	\$7,649.17
				Estimated Loan Payment	\$724.32

*** 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 9.1 year loan at 0% interest OAC, actual may vary.

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