



ECOGREEN MARKETS AND PARTNERS

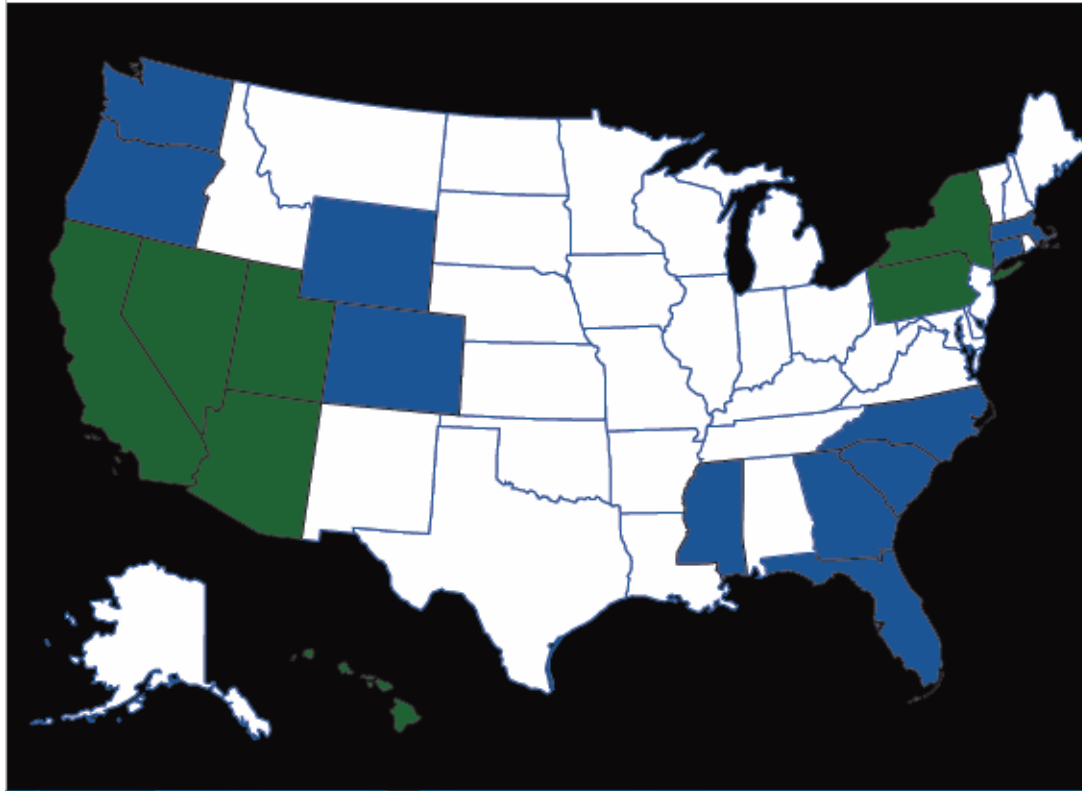


Existing Markets

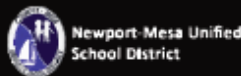
- California
- Nevada
- Utah
- Arizona
- Hawaii
- New York
- Pennsylvania

Expansion Markets

- Oregon
- Washington
- Colorado
- Wyoming
- Florida
- North Carolina
- South Carolina
- Massachusetts
- Connecticut
- Mississippi
- Georgia



EcoGREEN CUSTOMERS



JUNIPER SPRINGS RESORT

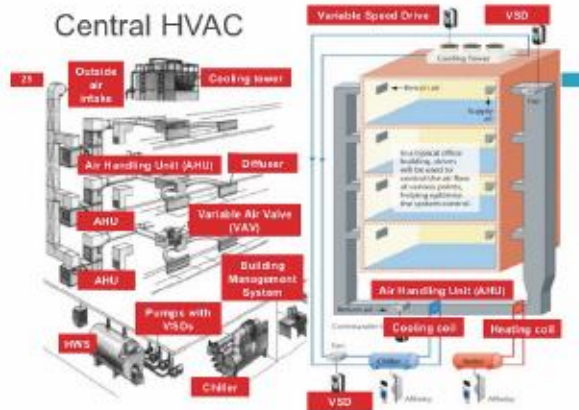


MORONGO CASINO RESORT SPA



FEDERAL HEALTH SIGN COMPANY

ENERGY SOLUTIONS



HVAC - THERMOSTATS

- Wireless drop-in replacement thermostat
- Set HVAC schedules remotely
- Prevent changes or misuse by staff
- Set and forget
- Adjusts automatically for weather changes
- Minimizes unnecessary HVAC operation
- Reduces energy usage by intelligent control



MECHANICAL VFDs/VSDs/MOTOR CONTROL/PUMPS

- Major savings in system motor energy use
 - Reduced wear and tear on the motors
- More precise levels of controls of applications



WINDOW TINT

Can reduce up to 85% of the heat from the sun

- Provides up to 99% rejection of ultraviolet light
- Reduces 95% of the glare
- By window tinting your office you can also enjoy up to 15 degrees of saved temperature from the film itself which translates into energy cost savings on air conditioning.



REFRIGERATION



ASH CONTROLLERS

AntiSweat Heat (ASH) Controllers

- Will use sensors to only heat the glass when it is really needed
- Will only heat the glass just enough to avoid any condensation that occurs
- ASH function can be turned off during closed hours to further save energy

ECM & CONTROLLERS

Evaporation Control Motors (ECM) and Controllers

- Allows the user to centralize control of key refrigeration systems
- Gives the user the ability to schedule operating temperatures and unit defrost times
- Energy and operational savings are realized through integration of smart control algorithms.



School District Focus

Newport Mesa Unified School District
San Jacinto Unified School District
Fallbrook Unified School District
Pleasant Valley Unified School District
Baker School District
Atascadero
Romoland
Antelope Valley

City Focus

Laguna Niguel
Laguna Hills
Tustin
Montclair
Woodside
Fallbrook

SCE On-Bill Financing Video Features YMCA (EcoGreen customer):
on.sce.com/obf

Alterations

TABLE 141.0-E Requirements for Luminaire Alterations

Quantity of existing affected luminaires per Enclosed Space ¹	Resulting Lighting Power for Each Enclosed Space	Applicable Mandatory Control Provisions for Each Enclosed Space	Multi-level Lighting Control Requirements for Each Altered Luminaire
Alterations that do not change the area of the enclosed space or the space type			
Sum total < 10% of existing luminaires	Existing lighting power is permitted	Existing provisions are permitted	Existing controls are permitted
Sum total ≥ 10% of existing luminaires	≤ 85% of allowed lighting power per Section 140.6 Area Category Method	§130.1(a), (c)	Two level lighting control ² or §130.1(b)
	> 85% of allowed lighting power per Section 140.6 Area Category Method	§130.1(a), (c), (d) ³	§130.1(b)
Alterations that change the area of the enclosed space or the space type or increase the lighting power in the enclosed space			
Any number	Comply with Section 140.6	§130.0(d) ³ §130.1(a), (c), (d) ³ , (e)	§130.1(b)
<p>1. Affected luminaires include any luminaire that is changed, replaced, removed, relocated, or, connected to, altered or revised wiring, except as permitted by EXCEPTIONS 1 and 2 to Section 141.0(b)2iii:</p> <p>2. Two level lighting control shall have at least one control step between 30 and 70% of design lighting power in a manner providing reasonably uniform illuminations</p> <p>3. Daylight controls in accordance with Section 130.0(d) are required only for luminaires that are altered.</p>			

Alterations

To qualify as a Luminaire Modification-in-Place, lighting systems shall be modified in only one or more of the following methods:

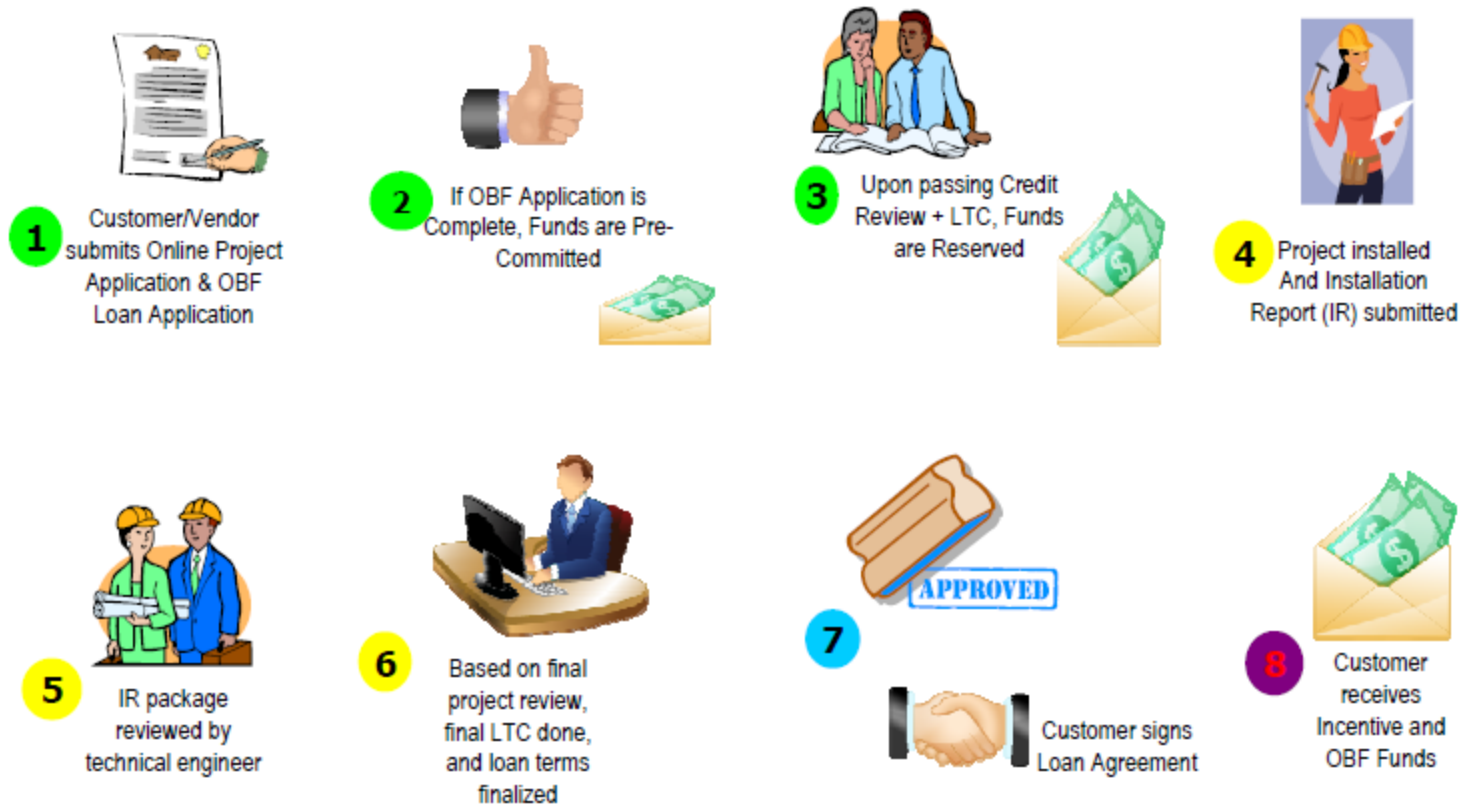
- Replacing lamps and/or ballasts.
- Changing the number or type of light source in a luminaire including socket renewal, removal or relocation of sockets.
- Changing the optical system of a luminaire.
- Installing lighting control systems devices.
- Replacement of whole luminaires one for one in which the only electrical modification involves disconnecting the existing luminaire and reconnecting the replacement luminaire.

Alterations

TABLE 141.0-F-Requirements for Luminaire Modifications-in-Place

For compliance with this Table, building space is defined as any of the following:			
<ol style="list-style-type: none"> 1. A complete single story building 2. A complete floor of a multi floor building 3. The entire space in a building of a single tenant under a single lease 4. All of the common, not leasable space in single building 			
Quantity of affected luminaires per Building Space per annum	Resulting Lighting Power per Each Enclosed Space Where $\geq 10\%$ of Existing Luminaires are Luminaire Modifications-in-Place	Applicable mandatory control provisions for each enclosed space ¹	Applicable multi-level lighting control requirements for each modified luminaire ²
Sum total < 40 Luminaire Modifications-in-Place	Existing lighting power is permitted	Existing provisions are permitted	Existing controls are permitted
Sum total \geq 40 Luminaire Modifications-in-Place	$\leq 85\%$ of allowed lighting power per Section 140.6 Area Category Method	§130.1(a), (c)	Two level lighting control ³ Or §130.1(b)
	$> 85\%$ of allowed lighting power per Section 140.6 Area Category Method	§130.0(d) ⁴ §130.1(a), (c), (d) ⁴	§130.1(b)
<ol style="list-style-type: none"> 1. Control requirements only apply to enclosed spaces for which there are Luminaire Modifications-in-Place. 2. Multi-level controls are required only for luminaires for which there are Luminaire Modifications-in-Place. 3. Two level lighting control shall have at least one control step between 30% and 70% of design lighting power in a manner providing reasonably uniform illuminations 4. Daylight controls in accordance with Section 130.0(d) are required only for luminaires that are modified-in-place. 			

OBF Application & Reservation Process



ENERGY AUDIT



500 Idyllwild Drive
San Jacinto, CA 92583

Approx Building Size - SF
Energy Rate 0.157 KWh

EXISTING					Suggested Replacements & Savings						
Existing Bulb	Watts/Fix	# of Fixtures	Operating Hours-Day / Yr	Location	Replacement Bulb	Watts/Fix	# of Fixtures	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings
4" Sq Pole, HPG	465 w	25	12 7 / 4380	Parking Lot	120w LED Area Light	120 w	25	8625 w	74.2%	37,778	\$5,931.07
Outdoor Flood	295 w	1	12 7 / 4380	Flag Pole	90w LED Outdoor Flo	90 w	1	205 w	69.5%	898	\$140.97
Outdoor Flood	1080 w	1	12 7 / 4380	Campus Bldg	160w LED Outdoor Fl	160 w	1	920 w	85.2%	4,030	\$632.65
Rnd Pole, Bmze 135w	188 w	25	12 7 / 4380	Campus Parking Lot	120w LED Area Light	120 w	25	1768 w	36.2%	7,744	\$1,215.78
4" Grey pole Shoebox	465 w	6	12 7 / 4380	Campus Parking Lot	120w LED Area Light	120 w	6	2070 w	74.2%	9,067	\$1,423.46
High Bay	295 w	32	8 5 / 2086	Wood Shop	70w LED High Bay	70 w	32	7200 w	76.3%	15,017	\$2,357.69
ODFL	295 w	3	12 7 / 4380	Bldg 700	90w LED Outdoor Flo	90 w	3	615 w	69.5%	2,694	\$422.91
BR40	120 w	16	8 5 / 2086	Theater	14w LED BR40	14 w	16	1696 w	88.3%	3,537	\$555.37
PAR38 Halogen	60 w	52	8 5 / 2086	Theater+	14w LED PAR38	14 w	52	2392 w	76.7%	4,989	\$783.28
A19 Ican	60 w	6	8 5 / 2086	Cafeteria	12w LED A19	12 w	6	288 w	80.0%	601	\$94.31
High Bay	295 w	12	10 6 / 3129	Gym	100w LED High Bay	100 w	12	2340 w	66.1%	7,321	\$1,149.37
High Bay 8 Lamp 42wF	336 w	85	10 6 / 3129	Gyms (6 are Emergency)	100w LED High Bay	100 w	85	20060 w	70.2%	62,759	\$9,853.19
High Bay	295 w	60	10 5 / 2607	Weight Room	70w LED High Bay	70 w	60	13500 w	76.3%	35,196	\$5,525.84
	w		/			w		w			
	w		/			w		w			
Totals		325	43467				325	61679 w	72.5%	191,630	\$30,085.88

Watts Saved	61,679
Annual KWh Saved	191,630
Avg Annual Res Powered by Savings	23.2
Annual CO2 Savings (MT)	143
Average Electrical Savings	72.5%
ROI During Payback	12.1%
Payback Period Yrs****	8.2

Approximate Energy Savings Per Month	\$2,507.16
Energy Savings Per Year	\$30,085.88
Total Savings Over 5 Years **	\$169,596.90
Total Savings After 10 Years**	\$396,555.81
Estimated Energy Rebate	\$13,414.09
IRS Tax Deduction 179D Available	\$0.00
Estimated Federal Tax Savings***	\$0.00
Btu Savings Per Month	762,682,930
Bulb Replacement Savings Per Year	\$0.00
Bulb Replacement Savings Per Lifetime of LED	\$0.00
Loan Payment *	\$4,926.56

Potential Write-Off Amount			
	Capital	Interest	Total
Year 1	52,212	11,903	64,195
Year 2	52,212	9,571	61,783
Year 3	52,212	7,036	59,248
Year 4	52,212	4,371	56,584
Year 5	<u>52,212</u>	<u>1,570</u>	<u>53,783</u>
	\$261,062	\$34,532	\$295,594

NOTE: Attached calculations do not include depreciation deduction for project cost.
** Reflects 6% per year cost of energy increase + Bulb Replacement
*** Based on IRS 179D Deduction @ 35% federal tax rate

*Payment is based on a 5 year loan at 5% interest oac, actual may vary.

****Payback Period Yrs = (Total Project Cost - Rebate - Estimated Fed Tax Savings- Bulb Replacement) / Estimated Savings per Year

On-Bill Financing Program - Preliminary Loan Term Calculation (LTC1)

Completion Date/Time: 5/22/2013 3:46 PMProject Number: 317-13-0500376870Customer Number: 1-0-005-5926Customer Account Number: 2-00-445-0706OBF Application Receipt Date: 4/9/2013Project Type(s) : CustomizedMarket Segment: Government and InstitutionsBusiness Name: SAN JACINTO UNIFIED SCH DISTReference Name: SAN JACINTO HIGH SCHOOLAddress: 500 IDYLLWILD DRCity, CA Zip: SAN JACINTO, CA 92583

*** LTC1 ***

ACTUAL TERMS WILL BE CALCULATED BASED
ON FINAL REVIEW AND VERIFICATION OF THE
PROJECT INSTALLATION REPORT

LTC1 Reserved Amount is \$245,766.67
First month payment is \$377.61
98 subsequent monthly payments \$2,503.97

PROJECT ECONOMIC SUMMARY	EXPLANATION
A. AVERAGE ELECTRIC BILLING RATE -- past 12 months (Cents/kWh) \$ <u>0.15716</u>	Based on Billing History
B. ENERGY EFFICIENCY PROJECT SAVINGS	
B.1. Estimated Annual Kilowatt Hour Savings (kWh)	<u>191,191.3</u>
B.2. Estimated Annual Dollar(\$) Savings	<u>\$ 30,047.62</u>
B.3. Estimated Monthly Dollar(\$) Savings	<u>\$ 2,503.97</u>
C. COSTS	
C.1. Estimated Total Project Cost	<u>\$ 261,061.97</u>
C.2. Estimated Total Rebate/Incentive	<u>\$ 15,295.30</u>
C.3. Estimated Potential Loan Amount (Gross Amount)	<u>\$ 245,766.67</u>
C.4. LTC1 Reserved Amount	
C.5. LTC2 Reserved Amount	
D. LOAN	
D.1. Gross Amount for Potential Financing	<u>\$ 245,766.67</u>
D.2. Monthly Loan Repayment Amount	<u>\$ 2,503.97</u>
D.3. Actual loan term (Months)	<u>98.15</u>
D.4. Actual loan term (Years)	<u>8.2</u>
E. LOAN LIMIT TESTS	
E.1. Market Segment Amount of Loan Test (Min/Max Loan Amount)	
E.1.1. Market Segment Minimum Loan Amount	<u>\$ 5,000</u>
E.1.2. Market Segment Maximum Loan Amount	<u>\$ 250,000</u>
E.1.3. Within Market Segment Limit?	<u>Y</u>
E.2. Customer Loan Limit Test (Previous Loans for this Service Account)	
E.2.1. Service Account Loan Amount Limit	<u>\$ 250,000</u>
E.2.2. Previous Loans Reserved for this Service Account	<u>\$ -</u>
E.2.3. Estimated Amount Eligible for Loans	<u>\$ 250,000.00</u>
E.2.4. Within Available Amount?	<u>Y</u>
E.3. Length of Loan Test	
E.3.1. Loan Length Limit (months)	<u>120</u>
E.3.2. Within Loan Length Limit?	<u>Y</u>
E.4. Expected Useful Life (EUL)* Loan Length Limit Test	
E.4.1. Applicable Measure EUL (months)	<u>144</u>
E.4.2. Within EUL Loan Length Limit?	<u>Y</u>
E.5. EXCEPTION ANALYSIS (If any E.1 thru E.4. yields a "No")	
Exception Analysis Loan Minimum Requirement Test	
Does the loan amount from Exception Analysis meet the \$5K loan minimum requirement? YES	
E.5.1. Monthly Loan Repayment Amount	
E.5.2. Max Allowable Loan Terms (Months)	
E.5.3. Net Amount for Financing	
Based on minimum loan requirement of \$5K and supplemental Exception Analysis, this amount qualifies for an estimated OBF loan.	

*Expected Useful Life (EUL): Each measure is expected to perform satisfactorily for a period of time. An EUL for each energy efficiency measure is assigned by the California Energy Commission (CEC).

Considering Solar?

- Solar Program Utility Net Metering is running out!
- Simply by replacing your light bulbs, fixtures and mechanical hardware will drastically reduce your electricity usage and carbon footprint
- By making your property as efficient as possible first, will reduce your solar layout requirement by as much as half!
- Solar Panels, installation and permitting are very expensive with 7+ year ROI.
- Partial generation.
- LEDs products last 10-15 yrs hours of operation depending and pay for themselves in 3-5 years or less



Thank you for this
opportunity to assist you in
saving energy!!

949-364-6800