



ISLAND ENERGY CALENDAR YEAR 2017 COMMERCIAL LIGHTING ENERGY EFFICIENCY REBATE PROGRAM

Applicants must submit a spreadsheet documenting the characteristics, wattages and fixtures for existing and new equipment, along with a dated and signed Commercial Energy Efficiency Rebate Application Form. Incomplete application package will not be considered. The spreadsheet and application form can be downloaded on Island Energy's website at www.islandenergy.com/applications.html.

- Installation address must have a commercial electric account with Island Energy on Mare Island, Vallejo.
- Applicant must notify the Utility by filing out an application before a commercial lighting retrofit project starts. **Old lighting fixtures being replaced must be documented by the Utility before disposal. Please contact the Utility before disposing ANY existing lighting fixtures.**
- New efficiency measures installed must meet or exceed specifications listed in applicable category in this Catalog to be eligible for a rebate.
- All new lighting fixtures retrofit kits and components must carry the appropriate, designated Underwriters Laboratory (UL) or ETL Label. The Utility reserves the right to inspect new lighting fixtures to make sure they are eligible for rebates.
- All installations must be installed in accordance with all applicable local, state and national codes and ordinances.
- In all cases, the wattage of the replacement fixtures must be less than the wattage of the existing lamps. The maximum replacement fixture wattage listed in the table of each category is typically associated with the highest lamp wattage in that particular range.
- All components must be installed and operational before a final walk through. Please contact the Utility for a final inspection. Applicant is required to provide a sitemap and a list of lights noting where the products are installed during such walk-through.
- Applicants must provide proof of purchase and installation with the following information
 - ❖ Product order and shipment date
 - ❖ Invoice with itemized product code, product description, quantity and unit price.
 - ❖ Installer name, address and phone number
 - ❖ Project feasibility study or cost/benefit analysis if available
 - ❖ A list of old fixtures and lamps being replaced and their wattages
 - ❖ Product manual of new fixtures and lamps installed with specifications including but not limited to wattage, product description, manufacturer, model number and other identifying information.
- Total rebate amount do not exceed \$10,000 per application. The Utility has sole discretion to determine rebate amounts.

For more information, please call 707-562-5000 or visit www.islandenergy.com website

ENERGY STAR Light Emitting Diode (LED)

LED High Bay Lighting

- There must be a one-for-one replacement of linear fluorescent or high intensity discharge (HID) fixtures, including a mercury vapor, high-pressure sodium and standard metal halide.
- The LED Lighting rebate is calculated based on the [Wattage of the Replacement Fixture](#). The “Existing Lamp Wattage” and “Minimum Replacement Fixture Lumens” in the table below are recommendations only based on lumen equivalences.
- All LED fixtures or retrofit kits must be on the list of pre-qualified LED fixtures available at www.pge.com/led in the following applications:
 - High-Bay Luminaires (Fixtures and Retrofit Kits)
 - Low Bay Luminaires (Fixtures and Retrofit Kits)
 - High Bay Aisle Luminaires (Fixture)
- The input wattage of the LED fixture must be lower than the input wattage of the original equipment.
- Self-ballasted, screw-based lamps and LED tube-style lamps do not qualify.
- The customer who has the LED fixture installed must submit a product specification sheet and an invoice with the application.
- A written Warranty must be issued to the customer guaranteeing repair or replacement of defective electrical parts for a minimal of five years from the date of purchase.

Table 1. Interior LED High-Bay and Low-Bay Lighting Rebates

Rebate Code	Replacement Fixture Wattage	Recommended Existing Lamp Wattage/Type	Recommended Min. Rept. Fixture Lumens	Rebate/Unit Measure
LED-1	>500-750 Watt	1,000 Watt PS-MH	43,400	\$250.00/Fixture
LED-2	>320-500 Watt	750 Watt PS-MH	32,300	\$170.00/Fixture
LED-3	>280-320 Watt	450 Watt PS-MH	23,900	\$ 140.00/Fixture
LED-4	>262-280 Watt	400 Watt PS-MH	21,600	\$115.00/Fixture
LED-5	>220-262 Watt	350 Watt PS-MH	15,800	\$90.00/Fixture
LED-6	>187-220 Watt	320 Watt PS-MH	12,900	\$75.00/Fixture
LED-7	>160-187 Watt	250 Watt PS-MH	11,200	\$55.00/Fixture
LED-8	>131-160 Watt	200 Watt PS-MH	9,600	\$30.00/Fixture
LED-9	40-131 Watt	175 Watt PS-MH	6,200	\$25.00/Fixture
LED-10	>160-220 Watt	T8 Fluorescent 2 nd Gen 8L VHLO	11,200	\$55.00/Fixture
LED-11	>131-160 Watt	T8 Fluorescent 2 nd Gen 6L VHLO	9,600	\$30.00/Fixture
LED-12	40-131 Watt	T8 Fluorescent 2 nd Gen 6L VHLO	6,200	\$25.00/Fixture

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LED Exterior Area Lighting

- There must be a one-for-one replacement of linear fluorescent or high intensity discharge (HID) fixtures, including a mercury vapor, high-pressure sodium and standard metal halide.
- All LED fixtures or retrofit kits must be on the list of pre-qualified LED fixtures available at www.pge.com/led in the following applications:
 - Outdoor Pole/Arm Mounted Area and Roadway Luminaires
 - Outdoor Pole/Arm Mounted Decorative Luminaires
 - Outdoor Wall Mounted Area Luminaires
 - Bollards
 - Parking Garage Luminaires

Table 2. LED Exterior Lighting Rebates

Rebate Code	Description	Rebate/Fixture
LED-13	Install > 500-750 watt LED Fixture Replacing HID	\$200.00/Fixture
LED-14	Install > 265-500 watt LED Fixture Replacing HID	\$150.00/Fixture
LED-15	Install > 225-265 watt LED Fixture Replacing HID	\$125.00/Fixture
LED-16	Install > 192-225 watt LED Fixture Replacing HID	\$100.00/Fixture
LED-17	Install > 150-192 watt LED Fixture Replacing HID	\$80.00/Fixture
LED-18	Install > 110-150 watt LED Fixture Replacing HID	\$70.00/Fixture
LED-19	Install > 70-110 watt LED Fixture Replacing HID	\$60.00/Fixture
LED-20	Install > 50-70 watt LED Fixture Replacing HID	\$50.00/Fixture
LED-21	Install > 0-50 watt LED Fixture Replacing HID	\$40.00/Fixture

INTERIOR HIGH-BAY LINEAR FLUORESCENT FIXTURES

- Only complete, new High Performance (HP) T8/T5, Super T8, T8 VHO, or T5 HO interior linear fluorescent fixtures qualify.
- New fixtures must not exceed the maximum “New Fixture Wattage” listed in the Interior Linear Fluorescent Fixtures Rebate Table” for each range of lamp wattage being replaced. New Fixture wattage is the total combined system wattage (lamp and Ballast).
- Rebates are based on a one-for-one replacement of incandescent or high intensity discharge (HID) fixtures including mercury vapor, high pressure sodium, low pressure sodium, standard metal halide or pulse start metal halide. Existing Lamp wattage is used to determine the rebate amount rather than total new fixture wattage.

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- To calculate the base case wattage for incandescent and florescent fixture with more than one lamp, multiple number of lamps by nominal lamp wattage as listed on lamp label.
- All 32 Watt T8 lamp must be HP T8 or Super T8 lamps and listed on the qualified FP T8 lamp list at www.cee1.org.
- All lamps must be rated 20,000 hours or greater average rated lamp life based on 3 hours per start when operated on program rapid-start ballasts.
- All lamps must have Color Rendering Index (CRI) of 82 or greater.
- All T8 ballasts must be NEMA premium or designated HP electronic ballast listed on www.cee1.org. T5 HO and T8 VHO must be Program Rapid-Start ballasts.
- If you apply for this rebate, no additional rebates will be applied under the “Compact Fluorescent Fixtures” category on this Catalog.
- Exterior installations do not qualify for this rebate.

Table 3. Interior High-Bay Linear Fluorescent Fixtures Rebate Table

Rebate Code	Linear Fluorescent High-Bay Fixtures	Rebate/Unit Measure
LIF-1	> 351-585 Watt Linear Fluorescent (HP T8/T5) Fixture Replacing HID/Incandescent Lamp	\$125/Fixture
ILF-2	> 234-351 Watt Linear Fluorescent (HP T8/T5) Fixture Replacing HID/Incandescent Lamp	\$100/Fixture
ILF-3	> 144-234 Watt Linear Fluorescent (HP T8/T5) Fixture Replacing HID/Incandescent Lamp	\$75/Fixture
ILF-4	> 118-144 Watt Linear Fluorescent (HP T8/T5) Fixture Replacing HID/Incandescent Lamp	\$50/Fixture
ILF-5	> 64-118 Watt Linear Fluorescent (HP T8/T5) Fixture Replacing HID/Incandescent Lamp	\$30/Fixture
ILF-6	≤ 64 Watt Linear Fluorescent (HP T8/T5) Fixture replacing HID/Incandescent amp	\$20/fixture

Customized Lighting Retrofit Rebates

Commercial Customers who install energy-efficient lighting measures that are **not one-for-one replacement** are eligible for rebates under this section, based on the annual kWh savings that are achieved. Island Energy must inspect and approve the project prior to the removal of the existing lighting fixtures and the installation of higher energy efficiency lighting ballasts/fixtures. **Please call Island Energy to schedule a site inspection before removing existing equipment. Applicants must submit a spreadsheet documenting the characteristics of lamps, wattages and fixtures for existing and new equipment, along with a dated and signed Commercial Energy Efficiency Rebate Application Form.**

The 2013 Incentives rate for Customized Lighting Retrofit is \$0.05/kWh. Customers apply under this section must submit an Energy Assessment Report to demonstrate annual energy savings. Island Energy has sole discretion in determination of the incentive amount. The maximum incentive under this section caps at \$10,000 per project per location.

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- Incentive for lighting retrofit measures under this section cannot overlap with other incentive programs. Applicants cannot receive incentives from more than one energy efficiency program for the same measures.
- The new lighting retrofit measures must guarantee energy savings for the useful life of the product or a period of five years, whichever is less.
- Applicant must provide documentation supporting energy savings and energy performance standards.
- LED fixtures and Integral LED lamps must be listed on the EnergyStar website. Please refer to the EnergyStar site for an up-to-date list of qualified LED lamps.
- Dimming Ballast must be on the CEE Qualifying Products (dimming ballast) list. Ballast must have continuous dimming. Stepped dimming ballasts are not eligible. Tuning level (20%) must be factory set or set on-site and must be locked in.

Table 4. Examples of Eligible Lighting Measures

<p>Lighting</p> <p>Energy Reduction Rebate-\$0.05/kWh</p>	<ul style="list-style-type: none"> • Interior and exterior lighting retrofit measures that are not listed in other sections of this program • LED luminaire retrofits utilizing qualified fixtures, see EnergyStar website for qualifications • Screw-in cold cathode and integral LED lamps retrofits utilizing qualified lamps • High efficiency signage or architectural lighting • Day lighting controls and dimmable ballast • De-lamping measures performed as part of an integral lighting efficiency upgrade
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