

Pacific Gas and Electric Company
Energy Efficiency Rebates for Your Business

Lighting Rebate Catalog

Saving energy for a brighter future.



What's Inside

Fixtures

Compact Fluorescent Fixtures	2
Interior Linear Fluorescent Fixtures.....	3
Interior Induction Fixtures.....	4
Exterior Induction Fixtures.....	5
Interior HID Fixtures w/Electronic Ballasts.....	6
Exterior HID Fixtures w/Electronic Ballasts	7
Bi-Level Stairwell/Hall/Garage Fixtures	8

Lamps

High Performance T8 or T5 Linear Fluorescent Lamps with Electronic Ballasts	9
Low Or Reduced-Wattage T8 Systems (28 And 25 Watt)	10
De-Lamping.....	10

Accent/Directional Lighting

Cold Cathode Lamps	11
Integrated Ballast Ceramic Metal Halide (CMH) Par Lamps	11
Screw-In Compact Fluorescent 14 – 28 Watt Reflector Lamps.....	11
Ceramic Metal Halide Directional Lighting Fixtures	11
Energy Star® Light Emitting Diode (LED) Surface, Pendant and Recessed Downlight.....	11

Controls

Occupancy Sensors	12
Exterior Photocells	12
Time Clocks.....	12

Signage

High Efficiency Exit Signs.....	13
---------------------------------	----

Definitions

Definitions	13
-------------------	----



Carefully read the specifications below to determine if you are installing a qualifying product(s). All installations must be new or retrofit and replace a previously installed product unless otherwise noted. Where applicable, refer to and follow the General Requirements section listed below. You must attach the manufacturer's specification sheet to each application documenting the characteristics of lamps, ballasts and fixtures. Funding for this program is limited and available on a first-come, first-served basis until allocated funds are exhausted, or December 31, 2012, whichever comes first. This program may be modified or terminated without prior notice. Additional terms and conditions apply. For our most up-to-date catalog, please visit www.pge.com/businessrebates.

General Requirements

- Installation address must have a commercial electric account with Pacific Gas and Electric Company (PG&E).
- Everything must be installed and operational before a rebate application is submitted.
- All new lighting fixtures, retrofit kits, and components must carry the appropriate, designated Underwriters Laboratory (UL) or ETL Label.
- 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 fixture must be less than the wattage of the existing lamp. The maximum replacement fixture wattage listed in the table for each category is typically associated with the highest lamp wattage in that particular range.
- Customer installations that are randomly selected for inspection may be required to provide a site map or acceptable overview of locations noting where the products are installed.

Fixtures

Compact Fluorescent Fixtures

Requirements:

- Only complete, new compact fluorescent fixtures qualify.
- New fixtures must not exceed the maximum "New Fixture Wattage" listed in the Compact Fluorescent Fixtures Rebate Table for each range of lamp wattage being replaced. New fixture wattage is the total system wattage (Lamp and Ballast).
- Ballasts must have a power factor greater than or equal to 0.9.
- 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 rather than total fixture wattage (i.e. a 250 Watt high pressure sodium fixture is a 250 Watt base case and qualifies under the L1022 rebate code).
- Any wattage incandescent lamp; Slimline T12, T12 High Output (HO) or T12 Very High Output (VHO) fluorescent lamps 60 Watts or greater may be replaced by complete new compact fluorescent fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp, multiply the number of lamps by the nominal lamp wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A two lamp base case fixture equals $2 \times 95 = 190$ Watts and qualifies under the L1022 rebate code.

- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.
- New exterior installations qualify if existing lamps are 100 Watts or less.
- May qualify for an additional control(s) rebate through the "Occupancy Sensor" and/or "Exterior Photocells" category, provided all requirements are met.
 - **Example calculation:** Compact Fluorescent fixtures plus Integrated Fixture Sensor (rebate code L1014 \$75.00 and L1037 \$40.00) $\$75.00 + \$40.00 = \$115.00$ total.

Exclusions:

- Other fixture configurations and exterior application greater than 100 Watts will be considered under our Customized Retrofit Incentive program.
- Exterior installations and applications are typically operating during non-peak hours and therefore do not qualify under this interior fixture category.

Compact Fluorescent Fixtures Rebate Table

Rebate Code	Existing Lamp Wattage	New Fixture Wattage	Rebate/Unit Measure
L1014	Interior 400 Watt lamp	≤ 244 Watt (Tier 1)	\$75/fixture
L1013	Interior 400 Watt lamp	≤ 360 Watt (Tier 2)	\$45/fixture
L1022	Interior 176 – 399 Watt lamp	≤ 192 Watt	\$40/fixture
L1021	Interior 101 – 175 Watt lamp	≤ 128 Watt	\$35/fixture
L962	Interior ≤ 100 Watt lamp	≤ 70 Watt	\$20/fixture
LA00	Exterior ≤ 100 Watt lamp	≤ 70 Watt	\$17/fixture

Apply or check the status of your rebate online through eRebates at www.pge.com/mybusiness/erebates.

Visit www.pge.com/businessrebates for more information or call the Business Customer Service Center at 1-800-468-4743.



Fixtures, continued

Interior Linear Fluorescent Fixtures

Requirements:

- 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 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 rather than total fixture wattage (i.e. a 250 Watt high pressure sodium fixture is a 250 Watt base case and qualifies under the L1033 rebate code).
- Any wattage incandescent lamp; Slimline T12, T12 HO or T12 VHO fluorescent lamps 60 Watts or greater may be replaced by complete new linear fluorescent fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp. Multiply number of lamps by nominal lamp wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A four lamp base case fixture equals $4 \times 95 = 380$ Watts and qualifies under the L1033 rebate code.
- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.
- All 32 Watt T8 lamps must be HP T8 or Super T8 lamps and listed on the qualified HP T8 lamp list at www.cee1.org/com/com-lt/lamps-ballasts.xls.
- All lamps must be rated 20,000 hours or greater average rated lamp life based on 3 hours per start when operated on a Program Rapid-Start ballasts.
- T5 HO and T8 VHO 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/com/com-lt/lamps-ballasts.xls, T5 HO and T8 VHO must be Program Rapid-Start ballasts.

Exclusions:

- Existing fluorescent lamps less than 60 Watts, being replaced by a new fixture, must use the “High Performance T8 or T5 Linear Fluorescent Lamps with Electronic Ballasts” category (L1019 or L1020).
- Exterior installations do not qualify.
- Not eligible for additional rebates under the “Compact Fluorescent Fixtures” and “High Performance T8 or T5 Linear Fluorescent Lamps with Electronic Ballasts” categories.
- Other fixture configurations may be considered under our Customized Retrofit Incentive Program.
- Not eligible to be combined with the “De-lamping” category.

Additional Details:

- May qualify for an additional control(s) rebate through the “Occupancy Sensors” category, provided all requirements are met.
 - **Example calculation:** Linear fluorescent fixture plus integrated fixture sensor (rebate code L1035 \$100 and rebate code L1037 \$40.00) $\$100 + \$40.00 = \$140.00$ total.
 - **T8 and T5:** Program Rapid-Start ballasts are designed to provide maximum lamp life in frequent lamp starting applications such as in areas where occupancy sensor controls are used.
 - **T8 Only:** Instant Start electronic ballasts are the most popular type of electronic ballast today because they provide maximum energy savings and start lamps without delay.

Interior Linear Fluorescent Fixtures Rebate Table

Rebate Code	Existing Lamp Wattage	New Fixture Wattage	Rebate/Unit Measure
L1036	> 400 Watt lamp	≤ 600 Watt	\$200/fixture
L1035	400 Watt lamp	≤ 244 Watt (Tier 1)	\$100/fixture
L1034	400 Watt lamp	245 – 360 Watt (Tier 2)	\$50/fixture
L1033	176 – 399 Watt lamp	≤ 192 Watt	\$50/fixture
L1032	101 – 175 Watt lamp	≤ 128 Watt	\$35/fixture
L1031	≤ 100 Watt lamp	≤ 64 Watt	\$25/fixture



Fixtures, continued

Interior Induction Fixtures

Requirements:

- Only complete, new induction fixtures or retrofit kits.
- Retrofit kits must have the ballast separate from the lamp.
- New fixtures must not exceed the maximum “New Lamp Wattage” listed in the Interior Induction Fixtures Rebate Table for each lamp being replaced. New lamp wattage is the total lamp only wattage.
- Rebates are based on a one-for-one replacement of incandescent or high intensity discharge (HID) lamps including, mercury vapor, high pressure sodium, low pressure sodium, standard metal halide or pulse start metal halide. Existing lamp wattage is used rather than total fixture wattage (i.e. a 250 Watt high pressure sodium fixture is a 250 Watt base case and qualifies under the L1025 rebate code).
- Any wattage incandescent lamp; Slimline T12, T12 HO or T12 VHO fluorescent lamps 60 Watts or greater may be replaced by complete new interior induction fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp. Multiply number of lamps by nominal lamp wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A four lamp base case fixture equals $4 \times 95 = 380$ Watts and qualifies under the L1025 rebate code.

- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.
- May qualify for an additional control(s) rebate through the “Occupancy Sensors” category, provided all requirements are met.
 - **Example calculation:** Interior induction fixture plus integrated sensor (rebate code L0270 \$125.00 and rebate code L1037 \$40.00) $\$125.00 + \$40.00 = \$165.00$ total.

Exclusions:

- Exterior installations and applications are typically operating during non-peak hours and therefore do not qualify under this interior fixture category.
- Other fixture configurations may be considered under our Customized Retrofit Incentive Program.
- Screw-based retrofit kits do not qualify for this rebate.

Interior Induction Fixtures Rebate Table

Rebate Code	Existing Lamp Wattage	New Lamp Wattage	Rebate/Unit Measure
L0270	400 Watt lamp	≤ 250 Watt lamp (Tier 1)	\$125/fixture
L1026	400 Watt lamp	≤ 360 Watt lamp (Tier 2)	\$60/fixture
L1025	176 – 399 Watt lamp	≤ 180 Watt lamp	\$75/fixture
L1024	101 – 175 Watt lamp	≤ 120 Watt lamp	\$60/fixture
L1023	≤ 100 Watt lamp	≤ 70 Watt lamp	\$35/fixture



Fixtures, continued

Exterior Induction Fixtures

Requirements:

- Only complete, new induction fixtures or retrofit kits.
- Retrofit kits must have the ballast separate from the lamp.
- New fixtures must not exceed the maximum “New Lamp Wattage” listed in the Exterior Induction Fixtures Rebate Table for each lamp being replaced. New lamp wattage is the total lamp only wattage.
- 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 rather than total fixture wattage (i.e. a 250 Watt high pressure sodium fixture is a 250 Watt base case and qualifies under the L0267 rebate code).
- Any wattage incandescent lamp; Slimline T12, T12 HO or T12 VHO fluorescent lamps 60 Watts or greater may be replaced by complete new exterior induction fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp, multiply the number of lamps by the nominal lamp Wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A four lamp base case fixture equals $4 \times 95 = 380$ Watts and qualifies under the L0267 rebate code.

- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.
- May qualify for an additional control(s) rebate through the “Exterior Photocells” category, provided all requirements are met.

Exclusions:

- Street and roadway installations do not qualify; please refer to PG&E’s Street Light Program for details refer to www.pge.com/led.
- Pulse start metal halide does not qualify. Please refer to “Exterior HID Fixtures w/Electronic Ballasts” category.
- Screw-based retrofit kits do not qualify for this rebate.

Exterior Induction Fixtures Rebate Table

Rebate Code	Existing Lamp Wattage	New Lamp Wattage	Rebate/Unit Measure
L0265	400 Watt lamp	≤ 250 Watt lamp	\$100/fixture
L0267	201 – 399 Watt	≤ 180 Watt lamp	\$50/fixture
L0264	176 – 200 Watt lamp	≤ 120 Watt lamp	\$50/fixture
L0263	101 – 175 Watt lamp	≤ 100 Watt lamp	\$45/fixture
L0262	≤ 100 Watt	≤ 70 Watt lamp	\$25/fixture



Fixtures, continued

Interior HID Fixtures w/Electronic Ballasts

Requirements:

- Only complete, new pulse-start metal halide fixtures or retrofit kits with Electronic HID Ballasts qualify.
- Retrofit kits and new fixtures must be equipped with pulse-start metal halide or ceramic metal halide lamps and electronic ballasts that are compatible with controls and capable of Dimming or Bi-Level functionality.
- New fixtures must not exceed the maximum “New Lamp Wattage” listed in the Interior HID Fixtures w/Electronic Ballasts Rebate Table for each lamp being replaced. New lamp wattage is the total lamp only wattage.
- 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 rather than total fixture wattage (i.e. a 400 Watt high pressure sodium fixture is a 400 Watt base case and qualifies under the L1030 rebate code).

- Any wattage incandescent lamp; Slimline T12, T12 HO or T12 VHO fluorescent lamps 60 Watts or greater may be replaced by complete new interior HID fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp. Multiply number of lamps by nominal lamp wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A four lamp base case fixture equals $4 \times 95 = 380$ Watts and qualifies under the L1029 rebate code.
- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.

Exclusions:

- Exterior installations and applications that are typically operating non-peak hours do not qualify. Please refer to “Exterior HID Fixtures w/Electronic Ballasts” category.
- Other fixture configurations may be considered under our Customized Retrofit Incentive Program.

Interior HID Fixtures w/Electronic Ballasts Rebate Table

Rebate Code	Existing Lamp Wattage	New Lamp Wattage	Rebate/Unit Measure
L1010	> 400 Watt	≤ 600 Watt lamp (Tier 1)	\$150/fixture
L1009	> 400 Watt	≤ 750 Watt lamp (Tier 2)	\$90/fixture
L1030	400 Watt	≤ 250 Watt lamp	\$75/fixture
L1029	176 – 399 Watt	≤ 175 Watt lamp	\$40/fixture
L1008	101 – 175 Watt	≤ 125 Watt lamp	\$35/fixture
L0269	≤ 100 Watt	≤ 70 Watt lamp	\$20/fixture



Fixtures, continued

Exterior HID Fixtures w/Electronic Ballasts

Requirements:

- Only complete, new pulse-start metal halide or ceramic metal halide fixtures or retrofit kits with Electronic HID Ballasts qualify.
- Retrofit kits and new fixtures must be equipped with ceramic metal halide or pulse-start metal halide lamps and electronic ballasts that are compatible with controls and capable of Dimming or Bi-Level functionality.
- New fixtures must not exceed the maximum “New Lamp Wattage” listed in the Exterior HID Fixtures w/Electronic Ballasts Rebate Table for each lamp being replaced. New lamp wattage is the total lamp only wattage.
- 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 used rather than total fixture wattage (i.e. a 400 Watt high pressure sodium fixture is a 400 Watt base case and qualifies under the L1027 rebate code).

- Any wattage incandescent lamp; Slimline T12, T12 HO and T12 VHO fluorescent lamps 60 Watts or greater may be replaced by complete new exterior HID fixtures.
 - To calculate the base case wattage for incandescent and fluorescent fixtures with more than one lamp. Multiply number of lamps by nominal lamp wattage as listed on lamp label.
 - **Example calculation:** 8 foot T12 HO Energy Saver lamps are typically 95 Watts each. A four lamp base case fixture equals $4 \times 95 = 380$ Watts and qualifies under the L1012 rebate code.
- In all cases, the wattage of the replacement fixture must be less than the wattage of the existing lamp.

Exclusions:

- Street and roadway installations do not qualify.
- Other fixture configurations may be considered under our Customized Retrofit Incentive Program.

Exterior HID Fixtures w/Electronic Ballasts Rebate Table

Rebate Code	Existing Lamp Wattage	New Lamp Wattage	Rebate/Unit Measure
L1028	> 400 Watt	≤ 750 Watt lamp	\$75/fixture
L1027	400 Watt	≤ 250 Watt lamp	\$45/fixture
L1012	201 – 399 Watt	≤ 175 Watt lamp	\$25/fixture
L0268	176 – 200 Watt	≤ 125 Watt lamp	\$25/fixture
L1011	101 – 175 Watt	≤ 100 Watt lamp	\$20/fixture
L1007	≤ 100 Watt	≤ 70 Watt lamp	\$15/fixture



Fixtures, continued

Bi-Level Stairwell/Hall/Garage Fixtures

Requirements:

- Only complete, new fluorescent fixtures with Program Rapid-Start electronic ballasts and lamps that meet requirements listed in the HP T8 or T5 Linear Fluorescent Lamps Table in the “High Performance T8 or T5 Fluorescent Lamps with Electronic Ballasts” category qualify.
- Qualifying fixtures must be manufactured with fixture integrated occupancy sensors that control the individual fixture and meet UL requirements.
- All lamps must be pin-based fluorescent or other permanent installed technology.
- Must include a passive infrared and/or ultrasonic occupancy sensor with a fail safe feature in case lamp fails due to a sensor failure.
- The fixture must operate in low-standby light level during vacancy and switch to full light output upon occupancy.
 - The fixture cannot exceed 35 percent of full wattage during unoccupied periods.

Exclusions:

- Fixtures whose settings can be overridden are not eligible.
- Screw-in lamps are not eligible.
- Not eligible for additional rebates through the “Occupancy Sensors” or “High Performance T8 or T5 Linear Fluorescent Lamps with Electronic Ballasts” categories.

Installation Process:

- Low mode setting should be chosen so that the surface illuminate levels are code compliant.

Rebate Code	Description	Rebate/Unit Measure
L733	Bi-Level Stairwell/Hall/Garage	\$25/fixture



Lamps

High Performance T8 or T5 Linear Fluorescent Lamps with Electronic Ballasts

Rebate applies to existing T12 lamps and ballasts that are replaced by High Performance (HP) T8 or T5 systems.

Lamp Requirements: (High Performance T8 and T5):

- 2 foot, 3 foot and 8 foot T8 and T5 replacement lamps must meet the Color Rendering Index (CRI) and Minimum Rated Lamp Life standards listed in the HP T8 or T5 Linear Fluorescent Lamps Table.
- 4 foot T8 lamps must be listed as HP T8, 3rd Generation T8 or Super T8's and listed at www.cee1.org/com/com-lt/lamps-ballasts.xls.

HP T8 or T5 Linear Fluorescent Lamps Table

Lamp Type & Size	Ballast Type	CRI	Minimum Rated Lamp Life (3 Hrs/Start)
T8: 2-ft, 3-ft, 4-ft, 8-ft	Programmed Start or Program Rapid-Start	≥ 80	24,000 hours
T8: All sizes, except 4 ft	Instant Start	≥ 80	18,000 hours
T5: All sizes	Programmed Start or Program Rapid-Start	≥ 82	20,000 hours

Ballast Requirements (High Performance T8 and T5):

- The new T8 electronic ballasts must be designated as NEMA premium or listed as a HP T8 ballast at www.cee1.org/com/com-lt/lamps-ballasts.xls.
- New T5 electronic ballasts must be Programmed Start or Program Rapid-Start.

- At a minimum all ballast must meet the following
 - Be warranted against mechanical or electrical defects for five years.
 - Have a Power Factor (PF) of greater than or equal to 0.90.
 - Have Total Harmonic Distortion (THD) of 20 percent or less full light output (for 8 foot lamps) and 32 percent or less (for 2 foot and 3 foot lamps).

Exclusions (both T8 and T5):

- Replacement lamps and ballasts rebated in this categories are not eligible for rebates through the "Interior Linear Fluorescent Fixture" category.

Additional Details:

- May qualify for an additional control(s) rebate through the "Occupancy Sensors" and/or "Exterior Photocells" category, provided all requirements are met.
 - **T8 and T5:** Program Rapid-Start ballasts are designed to provide maximum lamp life in frequent lamp starting applications such as in areas where occupancy sensor controls are used.
 - **T8 Only:** Instant Start electronic ballasts are the most popular type of electronic ballast today because they provide maximum energy savings and start lamps without delay.

Rebate Code	Description	Rebate/Unit Measure
L1017	2-ft lamp	\$4.50/lamp installed
L1018	3-ft lamp	\$5.50/lamp installed
L1019	4-ft lamp	\$5.50/lamp installed
L1020	8-ft lamp	\$9.00/lamp installed



Lamps, continued

Low or Reduced-Wattage T8 Systems (28 and 25 Watt)

Requirements:

- Rebates are for the installation of 4 foot Low Wattage T8 lamps that replace 32 Watt T8 lamps.
- Low Wattage lamp rebate can be combined with the T12 to T8 retrofit. These lamps can also be used in existing 32 Watt T8 relamping projects.
 - **Example A:** Retrofit a 4 foot T12 4-lamp fixture with a 4 foot T8 4-lamp (lamp and ballast) with 28W T8 lamps. Rebate equals the T12 to T8 lamp and ballast retrofit rebate of \$5.50 (L1019) per lamp, plus the Low Wattage T8 Rebate of \$1.00 (L730) per lamp for a total of \$26.00.
 - **Example B:** Replace a 4 foot T8 32 Watt lamp only with a 25 Watt T8 lamp. Rebate equals \$1.50 (L863) per lamp.
- Approved lamps can be found at www.cee1.org/com/com-lt/RW-lamps-ballasts.xls on tab RW Lamp Update.

De-Lamping

Requirements:

- Rebate only applies to the removal of T12 lamps. Removal of T8 or T5 does not qualify.
- The total number of lamps claimed for de-lamping cannot be more than the number of replacement T8 or T5 lamps installed.
- Customers must not remove more than half of the existing lamps, ballasts and lamp holders from each fixture/system.
- Customers are responsible for deciding whether de-lamping will maintain adequate light levels.

Exclusions:

- Replacement lamps rebated in this category are not eligible for additional rebates through the “Interior Linear Fluorescent Fixtures” category.

Additional Details:

- Low Wattage T8 lamps are best used to replace First Generation 700 series 32 Watt T8 lamps in existing lighting systems. Care should be taken to read manufacturer recommendations for ballast requirement and use in low temperature.

Rebate Code	Description	Rebate/Unit Measure
L730	T8 to 4-ft 28 Watt system	\$1.00/lamp installed
L863	T8 to 4-ft 25 Watt system	\$1.50/lamp installed

- Removing lamps from a T12 fixture that is not being retrofitted with T8 lamps are not eligible for this incentive.
- De-Lamping must be accompanied with lamp and ballast replacement/retrofit.

Rebate Code	Description	Rebate/Unit Measure
L17	2-ft lamp	\$6.00/lamp removed
L18	3-ft lamp	\$6.00/lamp removed
L19	4-ft lamp	\$8.00/lamp removed
L20	8-ft lamp	\$20.00/lamp removed

Accent/Directional Lighting

Cold Cathode Lamps

Requirements:

- Must replace incandescent lamps that are 10 Watts or greater.
- Must have a Wattage level between 2 and 8 Watts and can be a screw-in lamp with either medium Edison or candelabra base.

- Must be rated for at least 18,000 average life hours.

Rebate Code	Description	Rebate/Unit Measure
L1015	2 – 8 Watt Cold Cathode Lamps	\$4.00/lamp

Integrated Ballast Ceramic Metal Halide (CMH) PAR Lamps

Requirements:

- Only 25 Watts or less, integrated ballast, Ceramic Metal Halide PAR lamps with a rated lamp life of 12,000 hours or greater.

- Customers are responsible for determining if new lamps will fit in their existing equipment and for verifying that they work with the existing lighting controls.

Rebate Code	Description	Rebate/Unit Measure
L984	≤ 25 Integrated Ballast CMH PAR Lamps	\$17.50/lamp

Screw-In Compact Fluorescent (CFL) 14 – 28 Watt Reflector Lamps



Requirements:

- Screw-in CFL Reflector lamps, including induction and electrodeless Reflector lamps, must be listed as ENERGY STAR® qualified. Visit www.energystar.gov for more information.

Rebate Code	Description	Rebate/Unit Measure
L1005	Screw-in, Compact Fluorescent, 14 – 28 Watts, Reflector Lamps	\$7.00/lamp

Ceramic Metal Halide Directional Lighting Fixtures

Requirements:

- Only those fixtures with a lamp wattage of 39 Watts or less.

- Customers are responsible for verifying that new lamps work with existing lighting controls.

Rebate Code	Description	Rebate/Unit Measure
L1016	≤ 39 Watt Ceramic Metal Halide Directional Lighting Fixtures	\$45/fixture

ENERGY STAR Light Emitting Diode (LED) Surface, Pendant and Recessed Downlight Fixtures



Requirements:

- Rebates are based on a one-for-one replacement of incandescent or halogen downlight fixtures 40 Watts or greater.
- Only those fixtures with a fixture wattage of 15 Watts or less.

- All new LED downlight modules or fixtures must be ENERGY STAR qualified. Visit the 'Light Fixtures' section of www.energystar.gov for more information.
- Customers are responsible for verifying that new fixtures work with existing lighting controls.

Exclusions:

- LED replacement lamps do not qualify for this rebate.

Rebate Code	Existing Lamp Wattage	New Fixture Wattage	Rebate/Unit Measure
L1006	≥ 40 Watt	≤ 15 Watt	\$30/fixture

To learn more about LED's and how PG&E plans to promote this new technology, visit www.pge.com/led.



Controls

Occupancy Sensors

Requirements:

- Only hardwired passive infrared and/or ultrasonic detectors that control interior lighting fixtures are eligible.
- Controlled wattage requirements, where applicable, are listed in the Occupancy Sensors Rebate Table.

Exclusions:

- Sensors for exterior installations do not qualify.

Additional Process:

- Please be sure that the product qualifies under this category and not under the “Bi-Level Stairwell/Hall/Garage Fixture” category.
 - New fixtures equipped with fixture-integrated sensors used in stairwells, halls, or garages sometimes qualify through the “Bi-Level Stairwell/Hall/Garage Fixtures” category and not the “Occupancy Sensor” category depending on specifications.

Additional Details:

- When used in conjunction with both T8 and T5 lamps, Program Rapid-Start ballasts are designed to provide maximum lamp life in frequent lamp starting applications such as in areas where occupancy sensor controls are used.
- When used in conjunction with T8 lamps, Instant Start electronic ballasts are the most popular type of electronic ballast today because they provide maximum energy savings and start lamps without delay.

Occupancy Sensors Rebate Table

Rebate Code	Description	Rebate/Unit Measure
L82	Wall-Switch (Wall-Box)	\$20.00/sensor
L859	Wall- or Ceiling-Mounted < 500 Watts	\$35.00/sensor
L860	Wall- or Ceiling-Mounted ≥ 500 Watts	\$55.00/sensor
L1037	Fixture-Integrated ≥ 150 Watts	\$40.00/sensor
L1038	Fixture-Integrated < 150 Watts	\$15.00/sensor

Exterior Photocells

Requirements:

- For built-in or stand-alone photoelectric cells that switch outdoor lights on at dusk and off at dawn.

Exclusions:

- Interior installations do not qualify.

Rebate Code	Description	Rebate/Unit Measure
L36	Photocells (Exterior)	\$11.00/photocell or fixture-controlled

Time Clocks

Requirements:

- Must control on/off schedule of lighting equipment.
- Can be used for interior and exterior lighting.
- Must protect scheduled events from interruptions via back-up system during power outages.

- Astronomical time clocks (where on-off times are in accordance with sunrise and sunset) are required for outdoor lighting when a photocell is not in use.

Rebate Code	Description	Rebate/Unit Measure
L31	Time Clocks	\$36/time clock



Signage

High Efficiency Exit Signs

Requirements:

- Only new, Light Emitting Diode (LED), Electroluminescent, or Photoluminescent signs that replace those with incandescent or Compact Fluorescent Lamps (CFL).
- Must meet UL-924 requirements (listed on the manufacturer's product specification sheet).
- Must have a usage level that is 5 Watts or less.

- Must have a product warranty of five years.
- Must meet local fire codes.

Exclusions:

- Retrofit kits are not eligible.

Rebate Code	Description	Rebate/Unit Measure
LA01	Exit Sign, previously incandescent	\$27/sign
LA02	Exit Sign, previously CFL	\$15/sign

Definitions

Bi-level Stairwell/Corridor Fixture: Designed to reduce energy consumption while still providing appropriate illumination levels during occupied periods and emergency egress. When spaces are unoccupied, the fixtures operate at low light levels.

Candelabra Base: A smaller screw-in base for light bulbs with a 12 millimeter diameter, referred also as a E12 base.

De-lamping: The permanent removal of existing T12 lamps, ballasts and unused lamp holders (tombstones) from existing fixtures without replacing the lamps.

Edison Base: The most common screw-in base for light bulbs with a 26 millimeter diameter, referred also as a E26 (or medium) base.

Electroluminescent Exit Sign: Exit sign using materials containing phosphors that light up when voltage is applied.

ETL: ETL stands for the Electrical Testing Laboratory, which marks products of compliance to applicable electrical, gas and other safety standards. For more information, visit www.etl.com.

Fixture: Refers to new equipment being installed based on system (lamp and ballast) wattage.

Fixture-Integrated Sensors: Occupancy sensors that are factory or field-installed in a lighting fixture intended to control the lamps within that fixture.

High Performance T8 Lamp: High performance, T8 lamps are also known as 800 series. Typically the third generation T8 lamps outperform 1st generation 700 series T8s in both lamp lumen output and longer lamp life.

NEMA Premium Ballasts: Most efficient fluorescent fixed-output and dimmable electronics for T8 ballasts recognized by the National Electrical Manufacturers Association (NEMA).

Parking Garage: A parking garage is a covered building or structure for the purpose of parking vehicles, which consists of at least a roof over the parking area enclosed with walls on all sides. Parking garages may have fences, rails, partial walls (pony wall) or other barriers in place of one or more walls. The structure has an entrance(s) and exit(s), and includes areas for vehicle maneuvering to reach the parking spaces. If the roof of the parking structure is also used for parking, the section without an overhead roof is considered parking lot instead of a parking garage.

Photoluminescent Exit Sign: Non-electrified exit sign containing materials that absorb and reradiate light.

Self-Contained Wall-Switch (Wall-Box) Lighting Sensors: Line voltage units that are designed to replace a standard wall switch without additional switch/relay pack.

Underwriters Laboratory (UL): An independent product safety certification organization. For more information, visit www.ul.com.

Wall or Ceiling Mounted Sensor: This sensor is generally installed to control multiple fixtures in a zone. It typically requires a low-voltage switch and a relay pack, but may include line-voltage type sensor.

More ways for your business to save money.

Looking for more information on Pacific Gas and Electric Company's (PG&E) rebates and incentives for your business? Visit www.pge.com/moneybacksolutions to access the latest rebate information, catalogs, application and guidance for your next energy-efficiency upgrade. In addition to rebates, you can find a wide range of tools and resources that can help your business save energy, money and help the environment.

- Sign up for PG&E's Automated Benchmarking Service at www.pge.com/benchmarking. Use ENERGY STAR® Portfolio Manager to track and compare your facility's energy performance over time.
- Use PG&E's audit tools to identify options for saving energy and money at your facility, and get started on developing a comprehensive energy management plan.
- Find a suite of customized incentives for retrofitting outdated, inefficient equipment, as well as incentives to optimize existing equipment through retrocommissioning.
- Explore PG&E's demand response programs that offer incentives for managing your energy use during times of peak demand.
- Check out PG&E's incentives for solar, wind and fuel cell self-generation equipment, if you're considering generating your own electricity.

Ready to get started with your next project and need the help of a contractor? Find local vendors who participate in PG&E's Energy Efficiency Rebates for Your Business Program www.pge.com/tradeprodirectory.

You can also apply online or check the status of your rebate through eRebates at www.pge.com/mybusiness/erebates.

To learn how PG&E can help your business find innovative energy solutions, manage energy consumption and reduce costs, please contact PG&E's Business Customer Service Center at 1-800-468-4743.

