Commercial and Industrial Energy Efficiency Program Lighting, LEDs and Controls



Prescriptive Rebates for Lighting, LEDs, and Lighting Control Equipment:

Note: Any LED or lighting measure not listed below may be eligible for Custom incentives under the Con Edison C&I Program, paid at a rate of \$0.16/kWh saved per year. Refer to the Custom Program incentive form, or call us at 877-797-6347 for more information. Following are the **Prescriptive Rebates** currently offered for LED and lighting measures:

- 1. High Efficiency LED Lighting:
 - A. Requirements: all LED lamps and fixtures must be on the Energy Star or DesignLights Consortium (DLC) qualified list in order to be eligible (please see: <u>DLC list</u>, <u>Energy Star lamps</u>, <u>Energy Star fixtures</u>).

Measure Type	Lamp Type	Customer Incentive per Fixture
	A-Lamp	
	PAR20	
	PAR30	
LED Interior Screw-In and Pin-	PAR38	\$15
Based Lamps	Flame Tip	
	MR 16	
	Globe	
	Exterior LED, Wall Pack, Pole	\$150
LED Exterior Lighting	Lighting, Flood Lights < 40 W	\$150
	Exterior LED, Wall Pack, Pole	\$200
	Lighting, Flood Lights > 40 W	\$200
	Downlight (DL) - Retrofit Kit	\$35
LED Interior Downlights	DL Fixture – Recessed	
LED Interior Downlights	DL Fixture – Surface	\$70
	DL Fixture – Pendant	
LED Interior Garage & Canopy	Low Bay Fixture	\$200

2. LED Display Cases and Exit Signs

A. LED Display Case Lighting: applications include refrigerated and non-refrigerated open or closed

Measure	Rebate - Non-refrigerated Case	Rebate - Refrigerated Case	Unit
LED Strip and Tube Lighting	\$2	\$6	Per linear foot

B. LED Exit Signs

1. Only new Light Emitting Diode (LED) exit signs

2. Complete fixture replacement of incandescent or CFL exit signs

Measure	Rebate	Unit
LED ≤ 10 Watts	\$15	Per fixture

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3. High-Performance T8 (HPT8) Lamps

- A. Requirements
 - 1. Rebates are for replacement or retrofit equipment only
 - 2. System must contain CEE certified ballast: CEE requirements found here <u>http://www.cee1.org/com/com-lt/com-lt-main.php3</u>
 - 3. Replacing existing T12 or older T8 fixtures
 - 4.4ft T8 lamps must be listed as HP T8 and listed at <u>www.cee1.org/com/com-lt/lamps-ballasts.xls</u>
 - 5.2ft, 3ft and 8ft T8 and T5 replacement lamps must meet the Color Rendering Index (CRI) and Minimum Rated Lamp Life standards listed in the table below

Measure	Rebate - Replacing T12	Rebate - Replacing T8	Unit
HPT8 - 1 to 4 lamp fixture	\$20	\$10	Per fixture

Lamp Type & Size	Ballast Type	CRI
T8: 2ft, 3ft, 4ft	Programmed Start, Programmed Rapid-Start, or Instant Start	>=80
T8: 8ft	Instant Start	>=80

4. Reduced-Wattage T8 Lamps

- A. Requirements
 - 1. Rebates are for replacement or retrofit equipment only
 - 2. System must contain CEE certified ballast: CEE requirements found here
 - http://www.cee1.org/com/com-lt/com-lt-main.php3
 - 3. Replacing existing T12 or older T8 fixtures

Measure	Rebate - Replacing T12	Rebate - Replacing T8	Unit
Low Wattage T8 - 4ft 1 to 4 lamp fixture	\$20	\$10	Per fixture

5. T5 and T5 HO (High-Output) Lamps

- A. Requirements
 - 1. Rebates are for replacement or retrofit equipment only
 - 2.Only complete (lamp + ballast), hard-wired or permanently mounted, UL-listed systems qualify 3.Replacing existing T12 fixtures

Measure	Rebate - Replacing T12	Unit
T5 or T5HO 4ft 1 to 4 lamp Fixture	\$15	Per fixture



6. De-Lamping Fixtures (Lamp Removal)

- A. Requirements
 - 1. Permanent lamp removal can be claimed if completed project results in a net reduction in the quantity of lamps
 - 2. The total number of lamps claimed for de-lamping cannot be more than the number of replacement lamps installed
 - 3. Removing lamps from a T12 fixture or older T8 fixture that is not being retrofitted with T8 lamps or better are not eligible for this incentive
 - 4. De-lamp incentive is in addition to fixture replacement/retrofit

Measure	Rebate - De-lamp T12	Rebate - De-lamp T8	Unit
De-lamp	\$1.50	\$0.75	Per linear foot

7. High Intensity Discharge (HID) Lighting

- A. Requirements
 - 1.HID must use an electronic ballast
 - 2.HID must be a pulse-start metal halide (PSMH) or ceramic metal halide (CMH) lamp

Measure	Rebate	Unit
HID > 350 Watts	\$25	Per fixture
HID ≤ 350 Watts	\$50	Per fixture

8. CFL Lighting

A. Requirements

1. Must be ENERGY STAR® rated

Measure	Rebate	Unit
CFL > 32 Watts	\$2	Per lamp
CFL ≤ 32 Watts	\$4	Per lamp
CFL Pin-Base Fixtures	\$40	Per fixture

9. Specialty Custom Lighting

A. Cold Cathode Lamps

1. Must replace incandescent lamps that are \geq 10 Watts

2. All cold cathode lamps must be between 2 and 8 Watts

Measure	Rebate	Unit
2 to 8 Watt Cold Cathode Lamps	\$4	Per lamp



10. Induction Fixtures

- A. Requirements
 - 1. Rebates are for new fixtures or retrofit equipment only
 - 2. Rebates are based on a one-for-one replacement of incandescent or high intensity discharge (HID) fixtures including mercury vapor, high pressure sodium, and standard metal halide or pulse start metal halide (interior fixtures only)
 - 3. Street and roadway installations do not qualify
 - 4. New fixtures must not exceed 250 Watts

Existing Lamp Wattage	New Lamp Wattage	Rebate	Unit
400 Watt lamp	≤ 250 Watt lamp	\$100	Per fixture
201 - 399 Watt	≤ 180 Watt lamp	\$50	Per fixture
176 - 200 Watt lamp	≤ 120 Watt lamp	\$45	Per fixture
115 - 175 Watt lamp	≤ 100 Watt lamp	\$25	Per fixture

11. High Efficiency Troffer Fixture

- A. Requirements
 - 1. System must contain CEE certified ballast: CEE requirements found here http://www.cee1.org/com/com-lt/com-lt-main.php3
 - 2. Overall fixture efficiency must exceed 80% for both prismatic lensed and parabolic fixtures

Measure	Rebate - Retrofit, Replacing T12	Unit
2 lamp fixture with 1 ballast	\$35	Per fixture

12. Pendant/Wall Mounted Indirect Fluorescent Fixture

A. Requirements

- 1.T5, T5HO and High Performance T8 Systems are eligible
- 2. System must contain CEE certified ballast: CEE requirements found here http://www.cee1.org/com/com-lt/com-lt-main.php3
- 3. Overall fixture efficiency must exceed 80%
- 4. Ceiling must have a reflectivity of 80% or greater
- 5. Uplight component must be 60% or greater

Measure	Rebate - Replacing T12	Rebate - Replacing T8	Unit
4ft 1 to 3 lamp fixture	\$30	\$25	Per 4 ft section



13. High Efficiency Low Glare Fixture

- A. Requirements
 - 1.T5, T5HO and High Performance T8 Systems are eligible
 - 2. System must contain CEE certified ballast: CEE requirements found here http://www.cee1.org/com/com-lt/com-lt-main.php3
 - 3. Overall fixture efficiency must exceed 80% and minimum of 15% of the zonal lumens between 60 and 90 degrees
 - 4. Must be a new fixture or a retrofit kit incorporating advanced lighting distribution and glare control features

Measure	Rebate - Replacing T12	Rebate - Replacing T8	Unit
Fixture with 1 to 2 lamps and 1 ballast	\$50	\$25	Per fixture

14. High Intensity Fluorescent

- A. Requirements
 - 1.T5, T5HO and High Performance T8 Systems are eligible
 - 2.System must contain CEE certified ballast: CEE requirements found here http://www.cee1.org/com/com-lt/com-lt-main.php3
 - 3. Each unit must have a wattage greater than 125W
 - 4. Must be installed in areas with ceiling heights of 15' or greater
 - 5. Overall fixture efficiency must exceed 80%
 - 6. In retrofit projects, new fixtures must replace HID fixtures

Measure	Rebate	Unit
Fixture with 3 to 12 lamps and 1 balast	\$75	Per fixture

15. High Bay and High Output Lighting (T5HO and HPT8)

A. Requirements

- 1. Must replace existing HID or T12HO lamps
- 2. Mounting height of 15 feet or greater
- 3. Exterior fixtures are not applicable
- 4. Only complete (lamp + ballast), hard-wired or permanently mounted, UL-listed systems qualify 5. For HPT8, system must contain CEE certified ballast: CEE requirements found here http://www.cee1.org/com/com-lt/com-lt-main.php3
- 6. Must be 2 to 8 lamps per fixture

Measure	Rebate	Unit
T5HO 4ft 2 lamp	\$36	Per fixture
T5HO 4ft 3 lamp	\$54	Per fixture
T5HO 4ft 4 lamp	\$72	Per fixture
T5HO 4ft 6 lamp	\$72	Per fixture
T5HO 4ft 8 lamp	\$72	Per fixture
HPT8 4ft 2 lamp	\$28	Per fixture
HPT8 4ft 3 lamp	\$42	Per fixture
HPT8 4ft 4 lamp	\$56	Per fixture
HPT8 4ft 6 lamp	\$56	Per fixture
HPT8 4ft 8 lamp	\$56	Per fixture

16. Lighting Controls

- A. Occupancy Sensor
 - 1. Occupancy sensor must be hard-wired, passive infrared, or ultrasonic
 - 2. Minimum 100 watts controlled
 - 3. Sensors must use programmable rapid start ballasts

Measure	Rebate	Unit
Wall, ceiling, fixture or remote mounted	\$50	Per sensor

B. Bi-Level Stairwell Lighting Controls

1. Qualifying fixtures must be high performance T8 or T5 fluorescent lamps with electronic ballasts that meet CEE requirements or DLC-approved bi-level stairwell LED fixtures.

2. The fixture cannot exceed 50% of full wattage during unoccupied periods

- 3. Must be code compliant with fail safe features for proper stairwell lighting requirements
- 4. This rebate cannot be combined with other lighting rebates
- 5. Only fixtures in stairwells qualify

Measure	Rebate	Unit
Bi-Level Stairwell Lighting Controls	\$75	Per fixture



Note: Any lighting fixture or bulb replacements not listed above may be eligible for Custom incentives. Refer to the Custom Program incentive form, or call us at 877-797-6347 for more information.

How to get started:

- 1. You must meet the following eligibility requirements:
 - a. The Con Edison Customer of record applying for incentives is a directly metered commercial or industrial customer that pays the System Benefits Charge (SBC);
 - b. Have not received an incentive from New York State Energy Research and Development Authority (NYSERDA) or another utility for the same project; and
 - c. Is an existing facility (new construction or major renovation is not eligible for this program).
- 2. Contact your installation contractor or equipment vendor to discuss energy efficient equipment options. If you do not have a contractor or vendor in mind, please visit our website for a list of Program Market Partners;
- 3. All projects require pre-approval. Please contact us toll-free at 1-877-797-6347 to discuss your project prior to equipment purchase and installation.

Financial requirements:

All Prescriptive incentives in the Con Edison C&I Program will be capped at **50% of the total project cost**. Additional requirements apply to incentives for Custom projects; please see the Custom Program sheet for information. Additionally, some Prescriptive incentive projects, and all Custom incentive projects, will be required to pass a cost-effectiveness test, described below.

Total Resource Cost (TRC) Test Requirement

Total Resource Cost (TRC) is a financial evaluation (test) which the New York State Public Service Commission requires all utilities and NYSERDA to use in evaluating all incentive applications. The test compares benefits to the utility grid (electricity or gas savings) and to the general public (reduced CO2 emissions) against the cost of the project. If it is determined that the benefits are greater than the costs, the measure is eligible for an incentive provided it meets all other qualifications. If, however, it is determined the costs are greater than the benefits, the measure is not eligible for an incentive.

This is not meant to be a test of whether it is beneficial for a customer to complete a project – utility bill savings to the customer will generally be of greater value than the benefits calculated by the TRC test, and there are other potential benefits to the customer the test does not consider such reduced maintenance costs and increased employee comfort. However, since the Con Edison C&I Energy Efficiency program is a public utility program, measures must be justified by their benefits to the utility grid in order to qualify for a program incentive.

It is recommended you call 877-797-6347 or email us at <u>conedci@lmbps.com</u> with questions and to verify if your project qualifies for an incentive.