

INCENTIVE APPLICATION
JUNE 1, 2011 THROUGH MAY 31, 2012

Outdoor and Parking Garage Lighting

How to Participate in *Smart Ideas for Your Business*®

1. Check Project and Equipment Eligibility

- ✓ Project must be a new improvement at an existing facility that results in a permanent reduction in electrical usage (kWh).
- ✓ All installed equipment must meet or exceed the specifications given in the application and be installed in facilities served by ComEd. Customers must have a valid ComEd account number on a ComEd non-residential rate.

2. Submit Pre-Approval Application to Reserve Funds

- ✓ We strongly recommend that you submit a pre-approval application to set aside or “reserve” the incentive for your project. Pre-approval is required for some types of projects and for all custom applications. Check the specifications pages for details.
- ✓ For pre-approval, fill out and submit the Applicant Information form (check the “Pre-Approval” box) and the Incentive Worksheet for the measures that you plan to install. Be sure to keep a copy of the application for your records.
- ✓ Once submitted, your application will be reviewed. Upon approval, incentive funds will be set aside for your project for 90 days (or the end of the program year). A pre-installation inspection may be required. If so, you may be contacted to schedule a pre-installation inspection.

3. Install Equipment or Perform Project Work

- ✓ The incentive reservation allows you 90 days to complete your project. Contact ComEd’s *Smart Ideas* team for specific questions about reservations and extensions.
- ✓ Verify that the equipment installed meets or exceeds the specifications and requirements found on the Specifications pages.

4. Submit Final Application

- ✓ Submit a final application as soon as possible after the project is completed. You may simply revise the pre-approval application and check the “Final Application” box. The final application must be submitted within 60 days of the project completion date. The Final Application must include the Final Application Agreement page signed by the customer. Additionally, attach the following documentation: a scope of work (detailed project description), dated and itemized invoices for the purchase and installation of all equipment installed, and specification sheets for all equipment installed verifying that it meets the program specifications.
- ✓ The program team will review your final application. You may be contacted during the final review to schedule a post inspection.

5. Receive Incentive Payment

- ✓ The incentive check will be sent four to six weeks after the final project approval.

Submit Application to:
E-mail: ComEdSmartIdeas@kema.com
ComEd *Smart Ideas for Your Business*®
120 E. Liberty Dr. #290 • Wheaton, IL 60187

Fax: 630-480-3436
Call: 888-806-2273
Visit our Website:
www.ComEd.com/BizIncentives

*Pre-Approval Application for Prescriptive & Custom Projects
 Custom applications and certain measures on incentive applications require a pre-approval application to reserve funding. Please see the Incentive worksheets pages for additional information. Pre-approval of an application is not a guarantee of an incentive. The actual incentive will be based on the equipment installed and the energy savings as determined in the final application. Funds will be reserved for 90 days unless an applicant is granted an extension. The program team reserves the right to contact the customer before the reservation expiration date to ensure that the project is moving forward. If the project is not underway, the reservation will be cancelled. Funds that have been reserved are not transferable to other projects, facilities and/or customers. A waiting list may be established if funds become fully subscribed.

APPLICANT INFORMATION (REQUIRED)

Use for both pre-approval and final application. Keep a copy for your records.

Pre-approval Date _____

Final Application Date _____

Attach:

- Incentives worksheet for measures installed
- Specification sheets for new equipment
- Scope of work with type, quantity and wattage of old and new equipment

Please update project cost and completion date below.

Attach:

- Incentives worksheet for measures installed
- Signed final application agreement (next page)
- Updated scope of work (detailed project description)
- Dated, itemized invoices for the purchase and installation of all equipment
- Equipment specification sheets showing that equipment installed meets program specifications

Estimated Project Completion Date _____

Estimated Project Cost _____

Actual Project Cost _____

Actual Project Completion Date _____

NAME OF COMPANY	NAME AS IT APPEARS ON YOUR UTILITY BILL
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BUSINESS TYPE (Check One)

<input type="checkbox"/> Office	<input type="checkbox"/> Retail/Service	<input type="checkbox"/> Hotel/Motel	<input type="checkbox"/> Grocery	<input type="checkbox"/> Light Industry	<input type="checkbox"/> College/University
<input type="checkbox"/> School/K-12	<input type="checkbox"/> Restaurant	<input type="checkbox"/> Medical	<input type="checkbox"/> Warehouse	<input type="checkbox"/> Heavy Industry	<input type="checkbox"/> Miscellaneous

NAME OF CONTACT PERSON	TITLE
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TELEPHONE ()	FAX ()
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E-MAIL ADDRESS _____

ADDRESS WHERE MEASURES INSTALLED _____

CITY WHERE MEASURES INSTALLED	STATE	ZIP + 4
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YOUR MAILING ADDRESS _____

YOUR CITY	STATE	ZIP + 4
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COMED ACCOUNT NUMBER (WHERE MEASURES INSTALLED) _____

TAXPAYER ID NUMBER (SSN/FEDERAL EIN) _____

TAX STATUS FROM W9

Individual/Sole Proprietor
 Corporation
 Partnership
 Other
 Limited Liability Company
 Exempt
 Enter tax classification _____ (D=disregarded entity C=corporation P=partnership)

CONTRACTING COMPANY	CONTRACTOR CONTACT NAME
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CONTRACTOR PHONE ()	CONTRACTOR E-MAIL
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CONTRACTOR MAILING ADDRESS _____

CONTRACTOR CITY	STATE	ZIP + 4
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As an eligible customer, I verify the information is correct and request consideration for participation under this program.

CUSTOMER SIGNATURE (COMED CUSTOMER)	PRINT NAME
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TOTAL INCENTIVE REQUESTED*	DATE
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*Incentive cannot exceed 100 percent of the incremental measure cost and 50 percent of the total project cost and must meet all program terms and conditions.

FINAL AGREEMENT (REQUIRED)

As an eligible ComEd customer, I certify that work was completed on this project between June 1, 2011, and May 31, 2012. My decision to acquire and install the energy efficiency measures can be demonstrated by documentation indicating contract dates after March 1, 2011. The energy efficiency measures are for use in my business facility and not for resale.

I understand that project documentation, including product specification sheets and copies of dated invoices for the purchase and installation of the measures, is required, and I am submitting that documentation with this final application. (Further information on documentation requirements is available in the Policy and Procedures Manual at www.ComEd.com/BizIncentives, or by calling the program hotline at 888-806-2273).

I understand that the location or business name on the invoice must be consistent with the application information. Final applications and all required supporting documentation must be received by May 15, 2012.

I agree to verification by the utility or their representatives of both sales transactions and equipment installation.

I understand that these incentives are available to all customers who pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA) and receive their electricity over ComEd wires, regardless of retail electric supplier.

I certify that the information on this application is true and correct, and that the taxpayer ID number and tax status is the applicant's. I understand that incentives over \$600 will be reported to the IRS unless the applicant is exempt or a corporation. I understand that incentive payments assume related energy benefits over a period of five years or for the life of the product, whichever is less.

I agree that if: (1) I do not install the related product(s) identified in my application or (2) I remove the related product(s) identified in my application before a period of five years or the end of the product life, whichever is less, then I shall refund a prorated amount of incentive funds to ComEd based on the actual period of time in which the related product(s) were installed and operating (or the full amount if the product was never installed). This is necessary to assure that the project's related energy benefits will be achieved.

I understand that the program may be modified or terminated without prior notice.

I understand that the final application and all required documentation must be received by the ComEd *Smart Ideas for Your Business*® program within 60 days of project completion. I understand that this documentation must prove that all equipment has been purchased and installed.

I certify that this project involves a facility improvement that results in improved energy efficiency. I certify that replaced equipment has been permanently removed. I also certify that all materials removed, including lamps and PCB ballasts, have been permanently taken out of service and disposed of in accordance with local codes and ordinances, and that no resale of replaced equipment has or will take place. I certify that I have complied with any applicable codes or ordinances. Information about hazardous waste disposal can be found at: www.epa.gov/epawaste/hazard/index.htm.

In no case will ComEd pay more than 100 percent of the incremental measure costs and 50 percent of the total cost of the project. I understand that ComEd or its representatives have the right to ask for additional information at any time. ComEd's *Smart Ideas for Your Business* program will make the final determination of incentive levels for this project.

The program has a limited budget. Applications will be processed until allocated funds are reserved or spent. Final applications must be received by May 15, 2012, to be eligible for funding in Program Year 4.

I understand that my company may be recognized as a program participant in promotional materials; however, project details will not be released without prior consent. If I choose to opt out of any recognition, I will indicate my choice in a written letter.

I understand that ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program and, further, that ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work or equipment made, performed or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

I understand that in the event the application received pre-approval and funds were reserved based upon the application, such pre-approval or reservation, including the specific dollar amount of reservation, did not represent a guarantee that such funds will be paid. Payment of incentives will be based upon the final application and program terms and conditions, as well as the availability of funds.

I have read and understand the program requirements, measure specifications and terms and conditions set forth in this application and agree to abide by these requirements. Furthermore, I concur that I must meet all eligibility criteria in order to be paid under this program.

CUSTOMER SIGNATURE (COMED CUSTOMER)	PRINT NAME	DATE
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FOR FINAL APPLICATIONS, SIGN AND SUBMIT ONLY AFTER ALL EQUIPMENT HAS BEEN INSTALLED. A CUSTOMER SIGNATURE IS REQUIRED FOR PAYMENT.

PAYMENT RELEASE AUTHORIZATION (OPTIONAL)

Complete this section ONLY if incentive payment is to be paid to an entity other than the ComEd customer listed on the Applicant Information page.

I am authorizing the payment of the incentive to the third party named below and I understand that I will not be receiving the incentive payment from ComEd. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the measure specifications and Terms & Conditions.

Authorized by:

CUSTOMER SIGNATURE (COMED CUSTOMER)	PRINT NAME	DATE
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Check should be made payable to:

PAYEE: COMPANY/INDIVIDUAL NAME

MAILING ADDRESS

CITY	STATE	ZIP + 4
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TELEPHONE ()	TAXPAYER ID NUMBER (SSN#/FEIN OF PAYEE)
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TAX STATUS

- Individual/Sole Proprietor
 Corporation
 Partnership
 Other
 Limited Liability Company
 Exempt

Enter tax classification _____ (D=disregarded entity C=corporation P=partnership)

TERMS AND CONDITIONS

Commonwealth Edison Company (ComEd) is offering prescriptive and custom incentives under the ComEd *Smart Ideas for Your Business*® program to facilitate the implementation of cost-effective energy efficiency improvements for non-residential (commercial and industrial) customers.

Funds are limited and subject to availability.

Program Effective Dates

Smart Ideas for Your Business energy efficiency incentives are offered until approved funds are exhausted or May 31 of each program year, whichever comes first. The effective dates of Program Year 4 (June 1, 2011, through May 31, 2012) of the *Smart Ideas for Your Business* program, and application submittal requirements are as follows:

- ✓ Projects with a final completion date before June 1, 2011, are not eligible for an incentive.
- ✓ All Program Year 4 *Smart Ideas for Your Business* projects must be completed and final applications received no later than May 15, 2012.
- ✓ Subsequent program year budgets and plans will be made available toward the end of the existing program year. At the current time, ComEd has a commitment to provide this program through May 31, 2012.

Program and Project Eligibility

The *Smart Ideas for Your Business* program offers both prescriptive incentives for some of the more common energy efficiency measures and custom incentives for those eligible improvements not included on the list of prescriptive measures. Program incentives are available under the Smart Ideas for Your Business program to non-residential customers within ComEd's service territory. These incentives are available to all non-residential customers who pay into the Energy Efficiency and Demand Response Adjustment (Rider EDA) and receive their electricity over ComEd wires, regardless of retail electric supplier.

Public buildings such as government buildings, municipal facilities and public schools should refer to the Illinois Department of Commerce and Economic Opportunity (DCEO) Program (www.illinoisenergy.org).

Custom projects must involve measures that result in a reduction in electric energy usage due to an improvement in system efficiency. Projects that result in reduced energy consumption without an improvement in system efficiency are not eligible for a custom incentive. However, projects that involve an automated control technology such as energy management system programming may be eligible for an incentive. All projects must meet ComEd's cost-effectiveness requirements.

Projects involving measures covered by the prescriptive incentive portion of the program are not eligible for a custom incentive. However, the applicant has the option to apply for a custom incentive for projects that involve a combination of prescriptive incentive measures and measures that are not eligible for prescriptive incentives. For example, a chiller system upgrade project that includes a chiller replacement could be a custom project, even though the chiller replacement would normally go through the prescriptive portion.

Project requirements under the *Smart Ideas for Your Business* program include the following:

- ✓ Projects must involve new equipment installed at an existing facility that results in a permanent reduction in electrical energy usage (kWh).
- ✓ Equipment must be installed and operational.
- ✓ Projects that are NOT eligible for an incentive include the following:
 - Fuel switching (e.g. electric to gas or gas to electric)
 - Changes in operational and/or maintenance practices or simple control modifications not involving capital costs
 - On-site electricity generation
 - Projects involving gas-driven equipment in place of electric equipment (such as a chiller)
 - Projects focused primarily on power factor improvement
 - Projects that involve peak-shifting (and not kWh savings)
 - Renewables
- ✓ Any measures installed at a facility must be sustainable and provide 100 percent of the energy benefits as stated in the application for a period of five years or for the life of the product, whichever is less. If the customer ceases to be a delivery service customer of ComEd, or removes the equipment or systems at any time during the five-year period or the life of the product, the customer may be required to return a prorated amount of incentive funds to ComEd.

Incentive Payment Limits

For both the prescriptive and custom programs, the total incentive paid cannot exceed 100 percent of the incremental measure cost and 50 percent of the total project cost. The definition of incremental measure cost depends on whether the measure being installed is considered to be a replacement or a retrofit. For replacement measures, the incremental measure cost is defined as the cost to purchase and install the energy efficient equipment minus the cost to purchase and install similar equipment that would meet federal and local energy standards but not qualify for an incentive under this program. For retrofit measures, the incremental measure cost is simply the cost to purchase and install the qualifying measures. Contractor labor costs can be considered in the project cost. Internal customer labor costs cannot be included in the project cost.

Customers may receive up to \$1 million per program year (June 1 through May 31), per facility, for any combination of prescriptive or custom incentives, as follows:

- 100% of the calculated incentive up to \$100,000
- 50% of the calculated incentive above \$100,000
- Maximum \$1 million per program year (June 1 through May 31)

A "facility" is defined as contiguous property for which a single customer is responsible for paying the ComEd electricity bill.

TERMS AND CONDITIONS

Final Application

The final application must be submitted within 60 days of project completion. Project documentation, including dated invoices for the purchase and installation of the measures and product specification sheets, is required.

The location or business name on the invoice must be consistent with the application information. Final applications and all required supporting documentation must be received by May 15, 2012, to be eligible for funds in Program Year 4.

The project invoice must provide sufficient detail to separate the project cost from the cost of other services, such as repairs and building code compliance. ComEd reserves the right to request additional supporting documentation as deemed necessary to ensure measure eligibility and verify that the expected energy savings will occur. All customer information will be held in confidence. Requested information could include equipment purchase dates, installation dates, proof that the equipment is operational, manufacturer specifications, warranty information and proof of customer co-payment.

Application Review Process

Pre-approval of an application is not a guarantee that the final application will be approved or a guarantee of an incentive payment. ComEd will review final applications for eligibility and completeness. Completed applications will be reviewed in the order received. Funds are reserved for the project when ComEd receives a complete pre-approval application and determines that the project meets the program eligibility requirements. Applicants who submit incomplete applications will be notified of deficiencies upon review of the application and could lose their place in line in the review process until all requested information is received. Applicants are encouraged to call the program hotline at 888-806-2273 if they have any questions about documentation requirements.

Inspections

ComEd reserves the right to inspect all projects to verify compliance with program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections, detailed lighting layout descriptions, metering, data collection, interviews and utility bill data analyses. The customer must allow access to project documents and the facility where the measures were installed for a period of five years after receipt of incentive payment by ComEd.

Requirements for Custom Project Electricity Savings Calculation

The annual electricity savings must be calculated for custom projects using industry accepted engineering algorithms or simulation models. The applicant must estimate the annual electricity usage of both the existing and proposed equipment based on the current operation of the facility. If the existing equipment is at the end of its useful life, the applicant must substitute equipment that would meet the applicable federal and local energy codes when calculating the annual energy savings.

The applicant must be able to clearly describe the method used to calculate the savings. The applicant must provide all assumptions used in the calculations and document the source for these assumptions.

The method and assumptions used by the applicant to calculate the annual savings will be reviewed by ComEd. ComEd is solely responsible for the final determination of the annual energy savings to be used in calculating the incentive amount. ComEd also reserves the right to require specific measurement and verification activities including monitoring both before and after the retrofit and to base the incentive payment on the results of these activities.

ComEd may need to conduct inspections both before and after the retrofit projects to verify equipment and operation conditions. The applicant is required to submit a pre-approval application while the existing equipment is still in operation to allow ComEd the opportunity to verify the existing equipment.

Tax Liability

Incentives are taxable and, if more than \$600, will be reported to the IRS unless the customer is tax exempt. ComEd is not responsible for any taxes that may be imposed on your business as a result of your receipt of this incentive.

Disclaimer

ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program. ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work or equipment made, performed or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

In consideration of the services provided by ComEd as part of this program, you agree that, other than the energy cost savings realized by your company, ComEd is entitled to 100% of the benefits and rights associated with the measures, including without limitation PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program regulation or program, and you waive, and agree not to seek, any right to the same.

OUTDOOR & PARKING LIGHTING INCENTIVES WORKSHEET

Equipment Type	Incentive per Unit (A)	Unit	Number of Units (B)	Incentive (A X B)
Sensor Controlled Parking Garage Bi-Level Fixture	\$135 per fixture	Number of fixtures installed:		
Sensor-Controlled Wall Pack Fixture	\$100 per fixture	Number of fixtures installed:		

Exterior or Parking Garage LED or Induction Fixtures

Replace or Retrofit ≤175W HID with LED or Induction	\$30 per fixture	Number of fixtures installed:		
Replace or Retrofit 176-250W HID with LED or Induction	\$50 per fixture	Number of fixtures installed:		
Replace or Retrofit 251-400W HID with LED or Induction	\$75 per fixture	Number of fixtures installed:		

T8/T5 New Fluorescent Fixtures with Electronic Ballast (Pre-Approval Application Required)

T8/T5 PROJECT SUMMARY

Fill in the brief project description below or attach an itemized project plan.
(See example: replacing 100 metal halide fixtures with 100 T8 fixtures)

Type of equipment to be replaced 250W metal halide	Quantity of equipment to be replaced 100	Wattage of equipment to be replaced 295W	Total wattage of old equipment 29,500	Type of new fixture to be installed 4-lamp 4-ft T8	Quantity of new equipment 100	Wattage of new equipment 120W	Total wattage of new equipment 12,000	Difference (old wattage minus new) 17,500
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Equipment Type	Incentive per Unit (A)	Unit	Number of Units (B)	Incentive (A X B)
New T8 or T5 Fluorescent Fixtures with Electronic Ballast (Note: Pre-Approval Application is Required)	\$0.40 per Watt reduced	Watts reduced (from project summary above):		
	Incentive is capped at \$150 per new fixture	Number of new fixtures installed:		

OUTDOOR & PARKING LIGHTING INCENTIVES WORKSHEET

Equipment Type	Incentive per Unit (A)	Unit	Number of Units (B)	Incentive (A X B)
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CFL Lighting

Hardwired Compact Fluorescent Fixtures ≤ 29W	\$25 per fixture installed	Number of fixtures installed:		
Hardwired Compact Fluorescent Fixtures ≥ 30W	\$50 per fixture installed	Number of fixtures installed:		
High Wattage Screw-in CFLs ≥ 40W	\$10 per lamp installed	Number of fixtures installed:		

Metal Halide Lamps and Fixtures

Integrated Ballast Ceramic Metal Halide Lamps ≤ 25W	\$5 per lamp installed	Number of lamps installed:		
Pulse Start or Ceramic Retrofit Kit (HID retrofit only) ≤ 100W	\$30 per kit installed	Number of kits installed:		
Pulse Start or Ceramic Retrofit Kit (HID retrofit only) 101-200W	\$40 per kit installed	Number of kits installed:		
Pulse Start or Ceramic Kit (HID retrofit only) 201-350W	\$50 per kit installed	Number of kits installed:		
150-249W Metal Halide Lamp to ≤ 149W Ceramic Discharge Metal Halide Lamp	\$10 per lamp installed	Number of lamps installed:		
250-399W Metal Halide Lamp to ≤ 249W Ceramic Discharge Metal Halide Lamp	\$15 per lamp installed	Number of lamps installed:		
400-849W Metal Halide Lamp to ≤ 399W Ceramic Discharge Metal Halide Lamp	\$20 per lamp installed	Number of lamps installed:		
≥ 850W Metal Halide Lamp to ≤ 849W Ceramic Discharge Metal Halide Lamp	\$25 per lamp installed	Number of lamps installed:		

LED Signage

Outdoor LED Channel Sign ≤ 2 ft	\$6 per letter	Number of letters:		
Outdoor LED Channel Sign > 2 ft	\$20 per letter	Number of letters:		

Lighting Controls

Bi-Level Stairwell/Hall/Garage Fixtures	\$25 per fixture	Number of fixtures installed:		
Photocells	\$0.05 per watt controlled	Watts controlled:		
Time Clocks for Lighting	\$0.05 per watt controlled	Watts controlled:		
Photocell plus Time Clock	\$0.09 per watt controlled	Watts controlled:		

TOTAL

OUTDOOR & PARKING LIGHTING INCENTIVES WORKSHEET (CONT.)

All Other Lighting Measures

Use this section to apply for incentives for lighting retrofits and replacements that are not listed above. To qualify for incentives, lighting projects must have a payback period between one and seven years and must meet the specifications in this application (starting on page 12). If you need more room, you may attach a separate sheet.

Existing Lighting System

Type/Description	Number of Fixtures (A)	Fixture Wattage (B)	Annual Hours of Operation (C)	Total Annual kWh A x B x C/1000
Total kWh of Existing System (D)				

New/Proposed Lighting System

Type/Description	Number of Fixtures (A)	Fixture Wattage (B)	Annual Hours of Operation (C)	Total Annual kWh A x B x C/1000
Total kWh of New/Proposed System (F)				

Incentive Calculation

Incentive	Annual Electric Savings in kWh (D-F):		X \$0.05 =
Measure Life	Estimated Life of Measure (in Years):		
Payback Period	$\frac{\text{Total Project Cost}}{\text{Estimated Annual Electric Savings (in Dollars)}}$		=

Note: Project payback period must be more than one year and less than seven years for project to be eligible for incentive.

OUTDOOR & PARKING LIGHTING SPECIFICATIONS

Measure	Definition	Specifications	Incentive
Sensor-Controlled Parking Garage Bi-Level Fixture	Replacing high-intensity discharge (HID) fixtures with new sensor-controlled parking garage bi-level or dimming fixtures. New fixture must be pulse start metal halide, induction, fluorescent or LED fixture.	Fixture is integrated with occupancy sensor or photo sensor that allows the light to switch between high and low levels. Switching between high and low light levels based on occupancy or light levels maintains sufficient light for security and way-finding while maximizing energy savings. New fixture must have lower nominal wattage than existing fixture.	\$135 per fixture
Sensor-Controlled Wall Pack Fixtures	Replacing high-intensity discharge (HID) fixtures with new sensor-controlled wall pack bi-level or dimming fixtures. New fixture must be pulse start metal halide, induction, fluorescent or LED fixture.	<p>Fixture is integrated with occupancy sensor or photo sensor that allows the light to switch between high and low levels. Switching between high and low light levels based on occupancy or light levels maintains sufficient light for security and way-finding while maximizing energy savings. New fixture must have lower nominal wattage than existing fixture.</p> <p>LED fixtures must have a minimum efficacy of 35 lumens per watt, have a CRI of 75 or above, be tested to IES LM-79 by a third-party DOE-accredited lab, and carry a warranty on the light source and power supplies of three years or more.</p>	\$100 per fixture
Exterior/Garage LED or Induction Fixtures	Replacing or retrofitting high intensity discharge or T12 HO fixtures with LED or induction fixtures. Eligible applications include canopy lighting and wall packs.	<p>Replacement or retrofit fixture must have a lower wattage than the nominal wattage of the existing fixture. LED fixtures must have a minimum efficacy of 50 lumens per watt, be tested to IES LM-79 by a third-party DOE-accredited lab, and carry a warranty on the light source and power supplies of three years or more. LED products meeting Design Lights Consortium specifications will qualify (see designlights.org).</p> <p>The wattage range given in the measure name is the nominal wattage of the existing fixture.</p> <p>Induction fixtures must have a color rendering index (CRI) of 80 or above and a mean efficacy of 50 or above.</p>	\$30 to \$75 per fixture – see worksheet
New T8/T5 Fluorescent Fixtures with Electronic Ballast (Pre-Approval Required)	<p>Replacing one or more existing fixture with new fixtures containing T8 or T5 lamps and electronic ballasts. Incentives are only available for new fixtures. Retrofit kits are not considered to be new fixtures. This incentive can be used in highbay and lowbay fluorescent applications.</p> <p>A pre-approval application is required for this measure.</p>	<p>The T8 or T5 lamps must have a color rendering index (CRI) ≥ 80.</p> <p>The electronic ballast must be high frequency (≥ 20 kHz), UL listed, and warranted against defects for five years.</p> <p>Ballasts must have a power factor (PF) ≥ 0.90. Ballasts for 4-foot lamps must have total harmonic distortion (THD) ≤ 20 percent at full light output. For 2- and 3-foot lamps, ballasts must have THD ≤ 32 percent at full light output. High output T5/T8 lamps also qualify for this incentive.</p>	<p>Incentives for this measure are calculated based on the reduction in connected watts at \$0.40 per watt reduced.</p> <p>Maximum incentive is \$150 per installed fixture.</p>

OUTDOOR & PARKING LIGHTING SPECIFICATIONS

Measure	Definition	Specifications	Incentive
High Wattage Screw-in CFLs	Screw-in lamps that replace an incandescent or high-intensity discharge (HID) lamp only.	High-wattage (>40W) CFL must have efficacy of ≥ 40 lumens per Watt (LPW).	\$10 per lamp
Hardwired Compact Fluorescent Fixtures	For exterior hardwired CFL fixtures, only complete new fixtures or modular hardwired retrofits with hardwired electronic ballasts qualify. Screw-in CFLs are not eligible for an incentive.	The CFL ballast must be programmed start or programmed rapid start with a power factor (PF) ≥ 0.90 and a total harmonic distortion (THD) ≤ 20 percent. Lamps must be rated to -20°F .	$\leq 29\text{W}$: \$25 per fixture installed $\geq 30\text{W}$: \$50 per fixture installed
Integrated Ballast Ceramic Metal Halide Lamps	Replacing incandescent lamps with integrated, electronic, self-ballasted metal halide lamp	Qualifying lamps are 25 Watt or less integrated ballast ceramic metal halide PAR lamps with a rated life of 10,500 hours or greater.	\$5 per lamp installed
Metal Halide Fixtures – Pulse Start or Ceramic	Retrofits of probe start high intensity discharge fixtures with either pulse start metal halide or ceramic metal halide fixtures The wattage listed in the measure description is the nominal wattage of the lamp in the new kit.	Total replacement wattage must be lower than existing wattage to ensure energy savings. Retrofit kits must be used on existing mercury vapor, standard metal halide or high pressure sodium fixtures only.	$\leq 100\text{W}$: \$30 per kit 101-200W: \$40 per kit 201-350W: \$50 per kit
Ceramic Discharge Metal Halide (CDM) Lamps	Retrofits of probe start high intensity discharge fixtures with ceramic discharge metal halide lamps. The wattage listed in the measure description is the nominal wattage of the lamp in the new kit.	Total replacement nominal wattage must be lower than existing nominal wattage to ensure energy savings. Lamps must be used in existing mercury vapor, standard metal halide or high pressure sodium fixtures only. New lamps must be compatible with existing ballast and socket.	150-249W MH lamp to $\leq 149\text{W}$ CDM lamp \$10 per lamp 250-399W MH lamp to $\leq 249\text{W}$ CDM lamp \$15 per lamp 400-849W MH lamp to $\leq 399\text{W}$ CDM lamp \$20 per lamp ≥ 850 MH lamp to $\leq 849\text{W}$ CDM lamp \$25 per lamp
Outdoor LED Channel Sign	Retrofitting or replacing incandescent, HID, argon-mercury or neon-lighted channel letter signs with LED channel signs.	Replacement signs cannot use more than 20 percent of the input power of the sign that is being replaced. Maximum letter height determines incentive.	\$6 per letter ≤ 2 feet \$20 per letter > 2 feet

OUTDOOR & PARKING LIGHTING SPECIFICATIONS

Measure	Definition	Specifications	Incentive
Bi-Level Stairwell/ Hall/ Garage Fixtures	Replacing existing 4-ft. two-lamp T12 fixtures with hardwired 4-ft. two-lamp T8 fluorescent fixtures with electronic ballasts and manufacturer integrated occupancy sensors. Used in areas where code requires lighting 24 hours a day (such as stairwells, halls, and garages).	Fixtures with manual override capabilities are not eligible. During occupied periods, the fixture should operate at full light output. During unoccupied periods, the fixture should operate at lower light output and wattage. This measure is not also eligible for the occupancy sensor or T12 to T8 incentive.	\$25 per fixture
Photocells	Installing photocells on exterior lighting that has no existing controls or time clocks only.	Eligible controls are built-in or stand-alone photoelectric cells that switch outdoor lights on at dusk and off at dawn.	\$0.05 per Watt controlled
Time Clocks for Lighting	Installing time clocks on interior and exterior lighting.	Clocks must control on/off schedule of lighting equipment and must have a three-hour back-up system to maintain the program schedule during power outages. Astronomical time clocks (where on-off times are in accordance with sunrise and sunset) are required for outdoor lighting when photocells are not in use.	\$0.05 per Watt controlled
Photocell plus Time Clock	Installing both photocells and time clocks on outdoor lighting fixtures.	See specifications for photocells and time clock measures. Time clock must turn off lighting equipment at least 3 hours per night each night.	\$0.09 per Watt controlled