



# 2011 Prescriptive Lighting Application

## Customer Information

Company		Electric Utility Serving Applicant		Electric Account No.		Anticipated Installation Date	
Facility Address				City		State	Zip
Type of Project <input type="checkbox"/> New Construction <input type="checkbox"/> Renovation <input type="checkbox"/> Equipment Replacement						Size of Building	
Company Mailing Address				City		State	Zip
Contact Person (Name/Title)				Telephone No. (   )		Fax No. (   )	
Incorporated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt				Federal Tax ID# or SSN		E-mail Address	
Incentive Payment to <input type="checkbox"/> Customer <input type="checkbox"/> Contractor <input type="checkbox"/> Other				Please assign payment to contractor/vendor/other indicated below Customer Signature			

## Payee Information (must submit W-9 form with application)

Company						E-mail Address	
Contact Name			Incorporated? <input type="checkbox"/> Yes <input type="checkbox"/> No		Federal Tax ID#		
Street Address			City	State	Zip	Telephone No. (   )	Fax No. (   )

## Contractor/Vendor Information (if different from Payee)

Company						E-mail Address	
Contact Name			Incorporated? <input type="checkbox"/> Yes <input type="checkbox"/> No		Federal Tax ID#		
Street Address			City	State	Zip	Telephone No. (   )	Fax No. (   )

## Building Type (circle one)

Education-Primary School; Education-Community College; Education-University; Grocery; Medical-Hospital; Medical-Clinic; Lodging Hotel(Guest Rooms); Lodging Motel; Manufacturing-Light Industrial; Office-Large; Office-Small; Restaurant-Sit Down; Restaurant-Fast Food; Retail-3 Story Large; Retail- Single Story Large; Retail-Small; Storage Conditioned; Storage Unconditioned; Warehouse; Other

## Prescriptive Lighting Incentive

**\$\_\_\_\_\_ Total Incentive (per attached worksheet calculations)**

**Note: Prescriptive Lighting Worksheet must accompany this application.**



## Specific Program Requirements\* (these requirements are in addition to the Program Terms and Conditions.)

1. Please refer to the program guide for additional applicable technical requirements.
2. Include the manufacturer's specification sheet with the application package and mail or fax directly to the Commercial/Industrial Program Manager.
3. Incentives for T-5 and T-8 lamps with electronic ballasts are available only for fixtures with a Total Harmonic Distortion of  $\leq 20\%$ .
4. Incentives for retrofits/replacement of existing fixtures  $\leq 250W$  to T-8 lighting requires high performance or reduced wattage lamps (4' only) and ballasts qualified by CEE.
  - Incentives for delamped T-8 lamps with new reflectors are available only for fixtures with a total Harmonic Distortion of  $< 20\%$ . Electronic ballast replacement required for all eligible de-lamped fixtures. Eligible de-lamping can include reduction in linear lamp feet from existing conditions. For example, 1-8' linear fluorescent lamp can be considered as 2-4' linear lamps. U-bend lamps 4' in total length can be considered as 2-F17/T8 lamps.
  - Electronic ballast replacement is necessary for all eligible de-lamped fixtures.
  - Reduced wattage T8 (28W/25W 4') (1-4 lamps) retrofit requires lamp and ballast replacement.
5. For all eligible lighting devices, fixture or lamp must be listed by UL or other OSHA approved Nationally Recognized Testing Laboratory (NRTL) in accordance with applicable US standards.
6. Requirements for CFL fixtures (must meet all requirements):
  - Fixtures must be new and ENERGY STAR® qualified
  - Fixtures must have replaceable electronic ballasts
  - Total Harmonic Distortion (THD) must not exceed 33%
  - Power factor of the ballast must be no less than 90%
  - The manufacturer must warrant all fixtures for a minimum of 3 years. Warranty does not pertain to lamps or photocells not physically part of the fixture.
  - The installer must warrant installation of fixtures for a minimum of 1 year.
7. Screw-in PAR 38 or 30 Compact Fluorescent Lamps (CFL) with Aluminum Reflectors replacing existing incandescent fixtures.
  - Lamp must be ENERGY STAR® qualified where applicable. For ENERGY STAR® qualified and non-qualified product, ALL the following requirements must be met:
    - The lamp must be new and warranted by the manufacturer for 12 months, or one year
    - Average rated lamp life must be  $\geq 8,000$  hours
    - Power factor of the ballast must be  $> 50\%$
8. Pulse Start Metal Halide (including pole-mounted parking lot lighting) must have a 12% minimum wattage reduction.
9. T-5 or T-8 Fixtures replacing incandescent or T-12 fluorescent fixtures greater than 250 watt or High Intensity Discharge shall comply as follows:
  - T-5 fixtures replacing T-12 fluorescent or incandescent fixtures 250 watts or greater, or HID fixtures shall have a ballast factor greater than or equal to 1.0; have reflectivity greater than or equal to 91%; have a minimum 2 lamps; and be designated as F54T5 HO.
  - T-8 fixtures replacing T-12 fluorescent or incandescent fixtures 250 watts or greater, or HID fixtures shall have a ballast factor greater than or equal to 1.14; have reflectivity greater than or equal to 91%; have a minimum of 4 lamps; and be designated as F32T8, minimum 32 watts.
10. Incentive requirements for LED fixtures and lamps (excluding LED Exit Signs)
  - LED fixture or lamp must be listed on ENERGY STAR® or Design Lights Consortium Qualified (DLC) Product Lists.
  - For replacement of incandescent, fluorescent and HID only
  - LEDs categories not listed by ENERGY STAR®<sup>(1)</sup> or DLC<sup>(2)</sup> qualified products will not be evaluated through Custom for incentive eligibility.
    - (1) [http://www.energystar.gov/index.cfm?c=ssl.pr\\_commercial](http://www.energystar.gov/index.cfm?c=ssl.pr_commercial)
    - (2) [http://www.designlights.org/solidstate.about.QualifiedProductsList\\_Publicv2.php](http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php)

## ACKNOWLEDGEMENT

CUSTOMER'S SIGNATURE \_\_\_\_\_

By signing, I certify that I have read, understand and agree to the Specific Program Requirements/Terms and Conditions listed on this application form, I will also submit for approval a properly completed application package, which includes this signed application, worksheet (if applicable), manufacturer's specification sheets and complete utility bill (name and address on utility bill must match name and address on application).

**Mail or fax your application package DIRECTLY to the Commercial/Industrial Program Manager.**

New Jersey's Clean Energy Program  
c/o TRC Energy Services  
900 Route 9 North, Suite 404 • Woodbridge, NJ 07095  
Phone: 866-657-6278 • Fax: 732-855-0422

**Visit our website: [NJCleanEnergy.com/ssb](http://NJCleanEnergy.com/ssb)**



# Prescriptive Lighting Measures and Incentives

## NEW FIXTURE INCENTIVES

Type of Fixture	Incentive		
<b>Compact Fluorescent</b>			
<b>Recessed and Surface-Mounted Compact Fluorescents</b> <b>(New Fixtures Replacing Incandescent Fixtures Only):</b> Only available for hard-wired, electronically ballasted new fixtures with rare earth phosphor lamps and 4-pin based tubes (including: twin tube, quad tube, triple tube, 2D or circuline lamps), THD<35% and BF>0.9	\$25 per 1-lamp fixture \$30 per 2-lamp or more fixture		
<b>Linear Fluorescent</b>			
Type of Old Fixture	Wattage of Old Fixture	Type of New Fixture	Incentive Per Fixture Replaced
HID, T-12, Incandescent	≥ 1000 Watts	T-5, T-8	\$200
HID, T-12, Incandescent	400-999 Watt	T-5, T-8	\$100
HID, T-12, Incandescent	250-399 Watt	T-5, T-8	\$50
HID only	175-249 Watt	T-5, T-8	\$45
HID only	100-174 Watt	T-5, T-8	\$30
HID only	75-99 Watt	T-5, T-8	\$16
T-12 only	<250 Watt	T-5, T-8 (1-4 lamps)	\$25
<b>Induction Lighting</b>			
Replacement of HID	\$70 per HID (≥100w) fixture replaced with a new induction fixture. Replacement unit must use 30% less wattage per fixture than existing HID system.		
<b>LED Lighting</b>			
LED Exit Signs (new fixtures only):			
For existing facilities with connected load <75 kW	\$20 per fixture		
For existing facilities with connected load ≥ 75 kW	\$10 per fixture		
LED Display Case Lighting	\$50 per display case		
LED Shelf-Mounted Display and Task Lights	\$15 per linear foot		
LED Portable Desk Lamps	\$20 per fixture		
LED Wall-Wash Lights	\$30 per fixture		
LED Recessed Down Lights	\$35 per fixture		
LED Outdoor Pole/Arm-Mounted Area and Roadway Luminaires	\$175 per fixture		
LED Outdoor Pole/Arm-Mounted Decorative Luminaires	\$175 per fixture		
LED Outdoor Wall-Mounted Area Luminaires	\$100 per fixture		
LED Parking Garage Luminaires	\$100 per fixture		
LED Track or Mono-Point Directional Lighting Fixtures	\$50 per fixture		
LED High-Bay and Low-Bay Fixtures for Commercial & Industrial Buildings	\$150 per fixture		
LED High-Bay-Aisle Lighting	\$150 per fixture		
LED Bollard Fixtures	\$50 per fixture		
LED Linear Panels (2x2 Troffers Only)	\$50 per fixture		
LED Fuel Pump Canopy	\$100 per fixture		
LED Screw-based & Pin-based (PAR, MR, BR, R) Standards (A-Style) and Decorative (globe, candelabra, etc.) Lamps	\$20 per lamp		
LED Refrigerated/Freezer Case Lighting: Incentive for replacement of fluorescent lighting systems in medium or low temperature display cases	\$42 per 5' fixture \$65 per 6' fixture		
<b>Pulse-Start Metal Halide</b>			
Pulse Start metal Halide (for fixtures ≥ 150 watts)	\$25 per fixture (includes parking lot lighting)		

## RETROFIT INCENTIVES

<b>Compact Fluorescent</b>	
Screw-in PAR 38 or PAR 50 (CFL) as per requirement 7.	\$7 per lamp replaced
<b>Linear Fluorescent Lighting</b>	
<b>High-Efficiency Fluorescent Fixtures:</b> For retrofit of T-12 fixtures to T-5 or T-8 with electric ballasts	\$10 per fixture (1-4 lamps retrofits)
For retrofit of T-8 fixtures by permanent delamping & new reflectors. Electronic ballast replacement required for all eligible delamped fixtures.	\$15 per fixture
T-12 to T-8 fixtures by permanent delamping & new reflectors. Electronic ballast replacement required for all eligible delamped fixtures.	\$20 per fixture
Retrofit of existing 32 watt T-8 system to reduced wattage (28w/25w 4')	\$10 per fixture (1-4 lamps)
<b>Induction Lighting</b>	
\$50 per HID (≥100w) fixture retrofitted with induction lamp	\$50 per HID (≥100w) fixture retrofitted with induction lamp, power coupler and generator. Replacement unit must use 30% less wattage per fixture than existing HID system.

**New Construction & Complete Renovation - Performance based only**

## Program Terms and Conditions

### Definitions:

**Design Incentives** – Incentives that may be offered to design professionals by the Program.

**Design Services** – Services that may be offered to design professionals under the Program.

**Energy-Efficient Measures** – Any device eligible to receive a Program Incentive payment through the NJ Clean Energy Commercial and Industrial Program (New Jersey SmartStart Buildings).

**New Jersey Utilities** – The regulated electric and/or gas utilities in the State of New Jersey. They are: Atlantic City Electric, Jersey Central Power & Light, Rockland Electric Company, New Jersey Natural Gas, Elizabethtown Gas, PSE&G, and South Jersey Gas.

**Administrator** – New Jersey Board of Public Utilities, Office of Clean Energy

**Participating Customers** – Those non-residential electric and/or gas service customers of the New Jersey Utilities who participate in this Program.

**Product Installation or Equipment Installation** – Installation of the Energy-Efficient Measures.

**Program** – The Commercial and Industrial Energy-Efficient Construction Program (New Jersey SmartStart Buildings) offered herein by the New Jersey Board of Public Utilities, Office of Clean Energy pursuant to state regulatory approval under the New Jersey Electric Discount and Energy Competition Act, NJSA 48:3-49, et seq.

**Program Incentives** – Refers to the amount or level of incentive that the Program provides to Participating Customers pursuant to the Program offered herein (see description under “Incentive Amount” heading).

**Program Offer** – Program Incentives are available to non-residential retail electric and/or gas service customers of the New Jersey Utilities identified above. Program Incentives for new construction are available only for projects in areas designated for growth in the State Plan. Public school (K-12) new construction projects are exempted from this restriction and are eligible for new Program incentives throughout the State. Customers, or their trade allies, can determine if a location is in a designated growth area by referring to the Smart Growth Locator available from the HMFA website or contact the Program Manager if you are uncertain about project eligibility.

**Program Manager** – TRC Energy Services.

**Application and Eligibility Process** – The Program pays incentives after the installation of qualified energy-efficient measures that were pre-approved (for exceptions to this condition, please refer to “Exceptions for Approval”). In order to be eligible for Program Incentives, a Customer, or an agent (contractor/vendor) authorized by a Customer, must submit a properly completed application package. The package must include an application signed by the customer; a complete (current) utility bill; and technology worksheet and manufacturer’s cut sheets (where appropriate). This information must be submitted to the Program Manager before equipment is installed. Applications for measures that are self installed by customers must be submitted by the customer and not the sales vendor of the measure, however, the customer may elect to assign payment of the incentive to the sales vendor. This application package must be received by the Program Manager on or before December 31, 2011 in order to be eligible for 2011 incentives. The Program Manager will review the application package to determine if the project is eligible for a Program Incentive. If eligible, the Customer will receive an approval letter with the estimated authorized incentive amount and the date by which the equipment must be installed in order for the approval to remain in effect. Upon receipt of an approval letter, the Customer may then proceed to install the equipment listed on the approved application. Equipment installed prior to the date of the Program Manager’s approval letter is not eligible for an incentive. The Program Manager reserves the right to conduct a pre-inspection of the facility prior to the installation of equipment. This will be done prior to the issuance of the approval letter. All equipment must be purchased within 12 months of date of application. **Any Customer and/or agent who purchases equipment prior to the receipt of an incentive approval letter does so at his/her own risk.**

**Exceptions for Approval** – The Application and Eligibility Process pertains to all projects except for those involving either Unitary HVAC or Motors having an incentive amount less than \$5,000. These measures, at this incentive level, may be installed without prior approval. In addition, but at the sole discretion of the Program Manager, emergency replacement of equipment may not require a prior approval determination and letter. **In such cases, please notify the Program Manager of such emergencies as early as possible, that an application will soon be sent in that was not pre-approved.**

**Post-Installation Approval** – After installation is completed, the Customer, or an agent authorized by the Customer, must finalize and submit an invoice for the purchase of the equipment (material cost must be broken out from labor costs), and any other required documentation as specified on the equipment application or in the Program Manager’s initial approval letter.

Please refer to the program guide on the NJCleanEnergy.com/ssb website for the complete Application and Eligibility Process.

The Program Manager reserves the right to verify sales transactions and to have reasonable access to Participating Customer's facility to inspect both pre-existing product or equipment (if applicable) and the Energy-Efficient Measures installed under this Program, either prior to issuing incentives or at a later time.

Energy-Efficient Measures must be installed in buildings located within a New Jersey Utilities' service territory and designated on the Participating Customer's incentive application. Program Incentives are available for qualified Energy-Efficient Measures as listed and described in the Program materials and incentive applications. The Participating Customer must ultimately own the equipment, either through an up-front purchase or at the end of a short-term lease. Design Incentives are available to design professionals as described in the Program materials and applications. A different and separate agreement must be executed by participating design professionals to be eligible for this type of incentive. The design professional does not need to be based in New Jersey.

*Equipment procured by Participating Customers through another program offered by New Jersey's Clean Energy Program or the New Jersey Utilities, as applicable, is not eligible for incentives through this program. Customers who have not contributed to the Societal Benefits Charge of the applicable New Jersey Utility are not eligible for incentives offered through this program.*

**Incentive Amount** – Program Incentives will equal either: a) the approved Program Incentive amount, or b) the actual equipment cost of the Energy-Efficient Measure, whichever is less, as determined by the Program Manager. Products offered at no direct cost to the customer are ineligible. Incomplete application submissions, applications requiring inspections and unanticipated high volume of activities may cause processing delays. Program Incentives are limited to \$500,000 per utility account in a calendar year. Contact the Program Manager regarding any questions.

**Tax Liability** – The Program Manager will not be responsible for any tax liability that may be imposed on any Participating Customer as a result of the payment of Program Incentives. All Participating Customers must supply their federal tax identification number or social security number to the Program Manager on the application form in order to receive a Program Incentive. In addition, Participating Customers must also provide a Tax Clearance Form (entitled "Business Assistance or Incentive Clearance Certificate") that is dated within 90 days of equipment installation.

**Endorsement** – The Program Manager and Administrator do not endorse, support or recommend any particular manufacturer, product or system design in promoting this Program.

**Warranties** – THE PROGRAM MANAGER AND ADMINISTRATOR DO NOT WARRANT THE PERFORMANCE OF INSTALLED EQUIPMENT, AND/OR SERVICES RENDERED AS PART OF THIS PROGRAM, EITHER EXPRESSLY OR IMPLICITLY. NO WARRANTIES OR REPRESENTATIONS OF ANY KIND, WHETHER STATUTORY, EXPRESSED, OR IMPLIED, INCLUDING, WITHOUT LIMITATIONS, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING EQUIPMENT OR SERVICES PROVIDED BY A MANUFACTURER OR VENDOR. CONTACT YOUR VENDOR/SERVICES PROVIDER FOR DETAILS REGARDING PERFORMANCE AND WARRANTIES.

**Limitation of Liability** – By virtue of participating in this Program, Participating Customers agree to waive any and all claims or damages against the Program Manager or the Administrator, except the receipt of the Program Incentive. Participating Customers agree that the Program Manager's and Administrator's liability, in connection with this Program, is limited to paying the Program Incentive specified. Under no circumstances shall the Program Manager, its representatives, or subcontractors, or the Administrator, be liable for any lost profits, special, punitive, consequential or incidental damages or for any other damages or claims connected with or resulting from participation in this Program. Further, any liability attributed to the Program Manager under this Program shall be individual, and not joint and/or several.

**Assignment** – The Participating Customer may assign Program Incentive payments to a specified vendor.

**Participating Customer's Certification** – Participating Customer certifies that he/she purchased and installed the equipment listed in their application at their defined New Jersey location. Participating Customer agrees that all information is true and that he/she has conformed to all of the Program and equipment requirements listed in the application.

**Termination** – The New Jersey Board of Public Utilities reserves the right to extend, modify (this includes modification of Program Incentive levels) or terminate this Program without prior or further notice.

**Acknowledgement** – I have read, understood and am in compliance with all rules and regulations concerning this incentive program. I certify that all information provided is correct to the best of my knowledge, and I give the Program Manager permission to share my records with the New Jersey Board of Public Utilities, and contractors it selects to manage, coordinate or evaluate the NJ SmartStart Buildings Program. Additionally, I allow reasonable access to my property to inspect the installation and performance of the technologies and installations that are eligible for incentives under the guidelines of New Jersey's Clean Energy Program.