

# Pre-Qualified Lighting

**Applicant** \_\_\_\_\_

**Facility** \_\_\_\_\_

## Completing the Lighting Measure Application

- Fill in the appropriate fields for individual lighting measures on pages 2 through 4.
- To calculate the **Total Incentive** for each measure, multiply the **Count** (quantity of installed equipment) by the **Unit Incentive** and enter this amount in the **Total Incentive** column.
- Enter the sum of the **Total Incentive** for each lighting measure type on the summary worksheet below.
- Add these **Total** amounts together for the **Grand Total** amount on the last line.

## General Eligibility Requirements for Lighting Systems and Controls


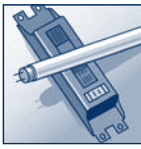
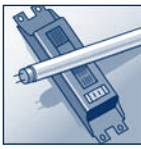

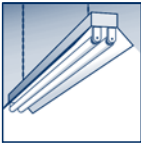
- Pre-Qualified projects must submit an application for incentives within 90 days of invoice for the purchase and installation of Pre-Qualified measures.
- Please attach:
  - 1) Main program application  
[http://www.nysersda.org/programs/Existing\\_Facilities/pdfs/Existing%20Facilities%20application.pdf](http://www.nysersda.org/programs/Existing_Facilities/pdfs/Existing%20Facilities%20application.pdf)
  - 2) Recent utility bills, with SBC notation
  - 3) Invoices, including purchase and installation price, and
  - 4) Equipment specification sheets, including product manufacturer and model number
- All lamps, ballasts, fixtures and controls installed must be new. Used or rebuilt equipment is not eligible.
- For energy saving lighting measures not covered by the Pre-Qualified application, please contact NYSERDA regarding Performance-Based programs.

## Individual Measure Incentive Totals

Lighting Systems (pages 2, 3 and 4) ..... Total \$ \_\_\_\_\_

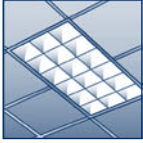
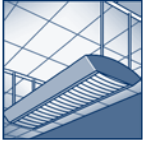
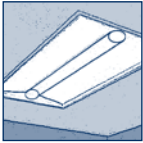
Lighting Controls (page 4) ..... Total \$ \_\_\_\_\_

**Grand Total Lighting Systems and Controls Incentive Requested \$** \_\_\_\_\_

Lighting Systems						
Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Count	Unit Incentive	Total Incentive	
<p><b>Energy Star Exit Signs</b></p> <ul style="list-style-type: none"> <li>Eligible units shall be ENERGY STAR registered exit signs</li> <li>Entire sign must be new, replacing an existing sign</li> <li>Exit sign retrofit kits are not eligible</li> <li>New construction projects are not eligible</li> </ul>		ES-1	New ENERGY STAR LED Exit Sign	Replacement \$10 per sign		
<p><b>High Performance T8 Relamp and Reballast</b></p> <ul style="list-style-type: none"> <li>T8 ballasts must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>4-foot linear T8 lamps must be listed on the CEE High Performance T8 List or meet CEE High Performance Specifications</li> <li>2-foot lamps must have minimum efficacy of 75 Mean Lumens/Watt</li> <li>4-foot U-shaped lamps must have minimum efficacy of 79 Mean Lumens/Watt</li> <li>1 Unit = 1 to 4 lamps and 1 ballast</li> <li>Must be an upgrade of an existing T12 fixture</li> </ul>		HPT8-RF	Upgrade an Existing T12 Fixture with New High Performance T8 Lamps and Ballasts	Retrofit \$15 per fixture		
<p><b>Reduced Wattage T8 Relamp and Reballast</b></p> <ul style="list-style-type: none"> <li>Lamps and ballasts must be listed on the CEE Reduced Wattage T8 "Qualifying Products" List or must meet the CEE Reduced Wattage T8 Specifications<sup>1</sup></li> <li>1 Unit = 1 to 4 lamps and 1 ballast</li> <li>Must be an upgrade of an existing fluorescent fixture</li> </ul>		RWT8-RF	Upgrade an Existing Fixture with New Reduced Wattage T8 Lamps and Ballasts	Retrofit \$15 per fixture		
<p><b>New Fluorescent Fixtures</b></p> <ul style="list-style-type: none"> <li>T5 and High Performance T8 systems are eligible</li> <li>T8 ballasts must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>4-foot linear T8 lamps must be listed on the CEE High Performance T8 List or meet CEE High Performance Specifications</li> <li>2-foot lamps must have minimum efficacy of 75 Mean Lumens/Watt</li> <li>4-foot U-shaped lamps must have minimum efficacy of 79 Mean Lumens/Watt</li> <li>1 Unit = 1 new fixture with 1 to 4 lamps and 1 ballast</li> <li>In replacement projects, new fixtures must replace existing T12 fixtures</li> </ul>	 	HPT8-NF	New Lighting Fixture with T5 or High Performance T8 Lamps and Ballasts	New Construction \$10 per fixture		
	Replacement \$20 per fixture					

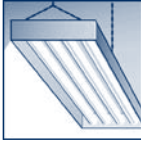
# Pre-Qualified Lighting

## Lighting Systems *(continued from page 2)*

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Count	Unit Incentive	Total Incentive
<b>High Efficiency Troffer Fixture</b>  <ul style="list-style-type: none"> <li>T8 ballasts must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>4-foot linear T8 lamps must be listed on the CEE High Performance T8 List or meet CEE High Performance Specifications<sup>1</sup></li> <li>2-foot lamps must have minimum efficacy of 75 Mean Lumens/Watt</li> <li>4-foot U-shaped lamps must have minimum efficacy of 79 Mean Lumens/Watt</li> <li>1 Unit = 1 fixture with 2 lamps and 1 ballast</li> <li>2x4, 2x2 and 1x4 fixtures are eligible</li> <li>Overall fixture efficiency must exceed 80% for both prismatic lensed and parabolic fixtures</li> <li>In replacement projects, new fixtures and retrofit kits must replace T12 fixtures</li> </ul>	HPT8-HEF	Recessed or Surface Mounted High Efficiency Troffer Fixture with High Performance T8 Lamps and Ballasts		<b>New Construction</b> \$15 per fixture	
				<b>Replacement</b> \$35 per fixture	
<b>Pendant/Wall Mounted Indirect Fluorescent Fixture</b>  <ul style="list-style-type: none"> <li>T5, T5HO and High Performance T8 systems are eligible</li> <li>T8 ballasts must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>4-foot linear T8 lamps must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>1 Unit = a 4' length (stand-alone or continuous runs) of new fixture with 1 to 3 lamps</li> <li>Overall fixture efficiency must exceed 80%</li> <li>Ceiling must have a reflectivity of 80% or greater</li> <li>Fixture must be installed according to manufacturers guidelines for pendant length and spacing</li> <li>Uplight component must be 60% or greater</li> </ul>	HEF-P	Indirect and Direct/Indirect T5 or High Performance T8 Fixtures		<b>New Construction</b> \$25 per 4 ft. section	
				<b>Replacement</b> \$30 per 4 ft. section	
<b>High Efficiency Low Glare Fixture</b>  <ul style="list-style-type: none"> <li>T5, T5HO and High Performance T8 systems are eligible</li> <li>T8 ballasts must be listed on the CEE High Performance T8 List or meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>4-foot linear T8 lamps must be listed on the CEE High Performance T8 List or meet CEE High Performance Specifications<sup>1</sup></li> <li>2-foot lamps must have minimum efficacy of 75 Mean Lumens/Watt</li> <li>4-foot U-shaped lamps must have minimum efficacy of 79 Mean Lumens/Watt</li> <li>1 Unit = 1 fixture with 1 or 2 lamps and 1 ballast</li> <li>2x4, 2x2 and 1x4 fixtures are eligible</li> <li>Overall fixture efficiency must exceed 80%</li> <li>Must be a new fixture or a retrofit kit incorporating advanced lighting distribution and glare control features<sup>2</sup></li> </ul>	HEF-LG	Recessed High Efficiency T5 or High Performance T8 Fixture with Low Glare Features		<b>New Construction</b> \$25 per fixture	
				<b>Replacement</b> \$50 per fixture	

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## Lighting Systems *(continued from page 3)*

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Count	Unit Incentive	Total Incentive
<b>High Intensity Fluorescent</b> <ul style="list-style-type: none"> <li>T5, T5HO and High Performance T8 systems are eligible</li> <li>T8 lamp and ballasts must be listed on the CEE High Performance T8 List or must meet the CEE High Performance T8 Specifications<sup>1</sup></li> <li>Each unit must have a wattage greater than 125W</li> <li>Must be installed in areas with ceiling heights of 15' or greater</li> <li>1 Unit = 1 fixture with 3-12 lamps</li> <li>Overall fixture efficiency must exceed 80%</li> <li>In replacement projects, new fixtures must replace HID fixtures</li> </ul> 	HIF	New Fluorescent Fixture for High and Low Bay Applications		<b>New Construction</b> \$35 per fixture	
				<b>Replacement</b> \$75 per fixture	
<b>Additional Incentive for Fixture Mounted Occupancy Sensor</b> <ul style="list-style-type: none"> <li>New construction or retrofit</li> </ul>	OC-HIF	Fixture Mounted Occupancy Sensor		\$20 per sensor	
<i>(enter on page 1)</i>			<b>Total Lighting Systems Incentive Requested</b>		<b>\$</b>

<sup>1</sup>The Consortium for Energy Efficiency maintains specifications and a list for High Performance and Reduced Wattage T8 lamps and ballasts. The list is updated frequently and is available at <http://www.cee1.org/com/com-lt/com-lt-main.php3>. If a CEE qualifying product is not available for a specific application, please contact NYSERDA.

<sup>2</sup>Examples of lighting fixtures with advanced glare reduction features include: Lithonia RT-5; Columbia ZPT; Ledalite Pure FX; Metalux Accord; Lightolier HP90; Day-brite Softrace; H.E. Williams HET. For other fixtures, please contact NYSERDA.

## Lighting Controls

Measure Description and Eligibility Criteria	Measure Code	Eligible Installations	Count	Unit Incentive	Total Incentive
<b>Wall Mounted Occupancy Sensors</b> <ul style="list-style-type: none"> <li>Hardwired, passive infrared and/or ultrasonic wall-mounted occupancy detectors are eligible</li> <li>Installations must comply with manufacturer's guidelines on coverage and maximum controlled watts</li> <li>New construction projects are not eligible</li> <li>Occupancy sensors or installations with manual "on" override capability are NOT eligible</li> </ul> 	OC-1	Wall Mounted Occupancy Sensors		\$10 per sensor	
<b>Remote Mounted Occupancy Sensors</b> <ul style="list-style-type: none"> <li>Passive infrared and/or ultrasonic remote mounted occupancy detectors are eligible</li> <li>Installations must comply with manufacturer's guidelines on coverage and maximum controlled watts</li> <li>Wall switchplate mounted sensors are not eligible</li> </ul> 	OC-2	Remote Mounted Occupancy Sensor		\$50 per sensor	
<i>(enter on page 1)</i>			<b>Total Lighting Controls Incentive Requested</b>		<b>\$</b>