

## PSO Business Rebates

### New Construction Lighting Technical Requirements

#### Application Requirements

- Project pre-approval is required when the project includes the installation of 250 fixtures or more.
- For projects that do not require pre-approval, a rebate application must be submitted within 60 days of the invoice date.

#### General Requirements

- Rebates for new construction lighting are available for reducing the lighting power density (LPD), watts per square foot, from the baseline lighting design that complies with ASHRAE/IESNA 90.1–2004 Interior Lighting Power Allowance.
- Wattage reduction may be calculated on a space-by-space or building-area basis. To qualify for new construction lighting rebates, projects must have an installed LPD that is at least 20 percent less than what the code requires.
- Must be a new construction project or, on a case-by-case basis, an extensive/substantial renovation project that consists of the installation of new fixtures throughout the building or renovated spaces.
- Must provide maintained lighting levels in accordance with IESNA recommendations.
- Must provide high-quality lighting achieving appropriate levels of glare control, color rendering, lighting uniformity, and other lighting quality parameters.

#### Technical Requirements

- High-performance and reduced-wattage T8 lamps and ballasts must be specified if T8 systems are being installed. A current list of qualifying products is available at the [Consortium for Energy Efficiency](#) (CEE) website.
- LED luminaires must be listed on the [Design Lights Consortium](#) (DLC) or [ENERGY STAR® Qualified Products List](#).

#### Required Supporting Documentation

- [COMcheck](#) or equivalent document listing equipment model numbers, wattages, and quantities.
- Lighting layout and schedule.
- Manufacturer's specification sheets for all equipment specified.

*Note: PSO reserves the right to require submission of site-specific photometric reports and/or point-by-point lighting calculations for each significant space type.*

## **New Construction Interior Lighting**

Projects must have an installed LPD that is at least 20% less than ASHRAE/IESNA 90.1–2004 Interior Lighting Power Allowance baseline LPDs to qualify for new construction lighting rebates.

New Construction Interior Lighting Rebates			
Measure Code	Upgrade Requirement	Rebate/ Watt Reduced	Technical Requirements
Tier 1	> 20% below Base LPD	\$0.20 per watt*	<ul style="list-style-type: none"> <li>This application can be used for either new construction or major renovation projects.</li> <li>Rebates are subject to a *\$45/fixture cap</li> </ul>
Tier 2	> 30% below Base LPD	\$0.40 per watt*	

**The following information is needed to determine project qualification:**

### **Step 1: Determine Project Type**

- Whole Building :
  - To be used for projects involving the entire building or projects involving a single, independent, and separate occupancy in a multi-occupancy building.
  - All lighting in the building or separate occupancy must be included in the calculations.
- Space-by-Space:
  - To be used for projects involving a portion of a building or as an alternative to the building area method for those buildings involving multiple separate space types.

### **Step 2: Determine Building or Space Type Information**

- Determine square footage of building or space types being considered for this application.
- Determine total installed lighting wattage for the building or per space type.
- Determine the annual operating hours for the building or per space type.
- Determine total fixture counts of the building or per space type.

### **Step 3: Input information into [PSOBusinessRebates.com](http://PSOBusinessRebates.com)**

- Create an application, select 'New Construction' as the Project Type, and add the new construction lighting information into the Improvements section.

## Exterior LED Lighting

Exterior LED Lighting Rebates		
Proposed Upgrade	Rebate / Unit	Technical Requirements
Install LED Fixture (<40 Watts)	\$5 / Fixture	<ul style="list-style-type: none"> <li>• Exterior LED fixtures installed as part of a new construction or major renovation project.</li> <li>• LED luminaires must be listed on the <a href="#">Design Lights Consortium (DLC)</a> or <a href="#">ENERGY STAR Qualified Products List</a>.</li> </ul>
Install LED Fixture (41-65 Watts)	\$10 / Fixture	
Install LED Fixture (66-100 Watts)	\$15 / Fixture	
Install LED Fixture (101-150 Watts)	\$20 / Fixture	
Install LED Fixture (151-250 Watts)	\$35 / Fixture	
Install LED Fixture (251-350 Watts)	\$50 / Fixture	
Install LED Fixture (351-700 Watts)	\$100 / Fixture	
<b>Exterior Area &gt; 5,000 square feet</b>	<b>Rebate / Unit</b>	
> 20% below Base LPD	\$0.03 /KWh reduced	

Ready to submit an application? Click [here](#) to begin.