

## PSO Prescriptive Rebates - New Construction Lighting Technical Requirements

### Application Requirements

- A rebate application must be submitted for pre-approval before purchasing and installing equipment, 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 project completion (documented by the date on the “installation invoice” or from the certificate of occupancy).

### General Requirements

- All proposed equipment must be new. Used or refurbished equipment is not eligible for rebates.
- 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.
- 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 90.1–2007 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 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

- At least 75% of the proposed LED luminaires must be listed on the [Design Lights Consortium](#) (DLC) or [ENERGY STAR® Qualified Products List](#).

### Required Supporting Documentation

- ☐ Customer signed Terms and Conditions form
- ☐ [COMcheck](#) or equivalent document listing equipment model numbers, wattages, and quantities.
- ☐ Lighting layout and schedule.
- ☐ Spec sheets of equipment
- ☐ Itemized invoice, upon project completion
  - If the invoice is dated from before project was complete, the certificate of occupancy or “install invoice” may be required.

*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.*

**Submit the rebate application online: [www.psobusinessrebates.com](http://www.psobusinessrebates.com)**

## Interior New Construction Lighting

Interior New Construction Lighting Rebates			
Measure Code	Upgrade Requirement	Rebate/ Watt Reduced	Technical Requirements
Tier 1	> 20% below Base LPD	\$0.20 per watt reduced*	<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 reduced*	

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.
- ☐ Space-by-Space:
  - To be used for projects involving a portion of a building or as an alternative to the whole building area method for those buildings involving multiple separate space types.

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

- ☐ Calculate the interior square footage of building or space types being considered for this application.
- ☐ From the [COMcheck](#) or equivalent document, determine the total number of fixtures and total wattage of the primary\* lighting of the building or per space type.
- ☐ Using the annual hours of operation worksheet provided on the Terms and Conditions form, calculate the annual operating hours for the building or per space type.

*\*Specialty/Task lighting, exit signs, and emergency-only "bug" lights should not be included.*

### Step 3: Input information into [PSOBusinessRebates.com](https://psobusinessrebates.com)

- ☐ Create an application, select 'New Construction' as the Project Type
- ☐ In the Improvements section, add New Construction Lighting
- ☐ Select the space type: Whole Building or Space by Space, then add the following:
  - Install Date
  - Building Type
  - If the space is air-conditioned or not
  - Total Square Footage
  - Total Installed Wattage
  - Annual Operating Hours
  - Total Number of Fixtures

## Exterior New Construction Lighting

Exterior Areas < 5,000 square feet		
Proposed Upgrade	Rebate / Unit	Technical Requirements
Install LED Fixture (<40 Watts)	\$6 / 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 Design Lights Consortium (DLC) or ENERGY STAR Qualified Products List.</li> </ul>
Install LED Fixture (41-65 Watts)	\$13 / Fixture	
Install LED Fixture (66-100 Watts)	\$20 / Fixture	
Install LED Fixture (101-150 Watts)	\$26 / Fixture	
Install LED Fixture (151-250 Watts)	\$45 / Fixture	
Install LED Fixture (251-350 Watts)	\$65 / Fixture	
Install LED Fixture (351-700 Watts)	\$130 / Fixture	

Exterior Areas > 5,000 square feet	Rebate
> 20% below Base LPD	\$0.03 /kWh reduced

### Exterior Areas > 5,000 square feet only

#### Step 1: Determine:

- ☐ Calculate the square footage of the exterior area.
- ☐ From the [COMcheck](#) or equivalent document, determine total number of fixtures and total wattage in the exterior area.
- ☐ Using the annual hours of operation worksheet provided on the Terms and Conditions form, calculate the annual operating hours for the building or per space type.

#### Step 2: Input information into [PSOBusinessRebates.com](#)

- ☐ Add to existing new construction application, or create a new application selecting 'New Construction' as the Project Type
- ☐ In the Improvements section, add Lighting – Exterior areas > 5,000 sqft
- ☐ Add the following:
  - Install Date
  - Exterior Space Type
  - Square Footage
  - Total Installed Wattage
  - Annual Operating Hours (should be 3,996 if using photocells)
  - Number of Fixtures