

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 90.1–2004 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 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

- 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

For more information, visit PowerForwardWithPSO.com, or call 888.776.1366.

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*	<input type="checkbox"/> This application can be used for either new construction or major renovation projects. <input type="checkbox"/> Rebates are subject to a *\$45/fixture cap
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.
- 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 total number of fixtures of the primary* lighting of the building or per space type.
- From the COMcheck or equivalent document, determine the total wattage of the primary* lighting for 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

- 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

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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"> Exterior LED fixtures installed as part of a new construction or major renovation project. LED luminaires must be listed on the Design Lights Consortium (DLC) or ENERGY STAR Qualified Products List.
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 sqft only

Step 1: Determine:

- Calculate the square footage of the exterior area
- From the COMcheck or equivalent document, determine total number of fixtures in the exterior area
- From the COMcheck or equivalent document, determine the 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](https://www.pso.com/businessrebates)

- 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