



# Existing Building Lighting

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**Maximum rebate for the combination of lighting, heating and cooling, business equipment, food service and grocery, pumps and water heating upgrades is \$25,000 per building per year up to 50% of equipment cost, unless otherwise noted. Existing interior and exterior lighting must meet the 10% minimum wattage reduction requirement.**

## Existing Building Interior Lighting

### Interior Retrofit Existing Fixture

Measure Description	Rebate/Unit	Requirements
LED Screw-In	\$2/Lamp	Installation of type-A base bulbs: <ul style="list-style-type: none"> <li>• Lamps must be installed in hard-wired, wall- or ceiling-mounted fixtures</li> <li>• Lamps installed in portable fixtures are not eligible for rebates</li> <li>• Equipment is listed on the ENERGY STAR® or Design Lights Consortium</li> <li>• (DLC) Qualified Product List (QPL)</li> <li>• Minimum operation time is 1,000 hours annually</li> </ul>
LED Décor/Candelabra	\$4/Lamp	Installation of type, PAR, MR, BR, R, G or B integral screw-in lamps and 2 or 4-pin LED lights: <ul style="list-style-type: none"> <li>• Self-contained recessed can/downlight trim kits are acceptable</li> <li>• Lamps must be installed in hard-wired, wall- or ceiling-mounted fixtures</li> <li>• Lamps installed in portable fixtures are not eligible for rebates</li> <li>• Equipment is listed on the ENERGY STAR® or DLC QPL</li> <li>• Minimum operation time is 1,000 hours annually</li> </ul>
TLEDs	\$3/Lamp	Installation of T8, T5, T5 HO, or U-Bend LED bulbs: <ul style="list-style-type: none"> <li>• Replacement of fluorescent lamps with LED linear tube replacements (TLEDs)</li> <li>• TLED rebates are for the retrofit of existing fixtures only</li> <li>• TLEDs may be Type A, B or C</li> <li>• TLED rebate is the same, regardless of length or size</li> <li>• Equipment is listed on the DLC QPL</li> <li>• Minimum operation time is 1,000 hours annually</li> </ul>
LED Troffer Retrofit Kit (Integrated Only)	\$25/Fixture	Installation of retrofit LED troffer, panels or similar integrated luminaires in existing fixtures: <ul style="list-style-type: none"> <li>• Integrated LED retrofit kits only</li> <li>• Linear retrofit kits are NOT eligible</li> <li>• Equipment is listed on the DLC QPL</li> <li>• Minimum operation time is 1,000 hours annually</li> </ul>



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## Existing Building Interior Lighting

### New LED Interior Fixtures

Measure Description	Rebate/Unit	Requirements
LED Can, Track, Pendant	\$10/Fixture, Head or Downlight	Installation of new recessed, surface, pendant, downlight fixture or track luminaires to replace incandescent, halogen, linear fluorescent or CFL luminaires: <ul style="list-style-type: none"> <li>Equipment is listed on the DLC QPL</li> <li>Minimum operation time is 1,000 hours annually</li> </ul>
LED Troffer Fixture	\$25/Fixture	Installation of new LED troffers, panels or similar linear luminaires to replace existing fixture: <ul style="list-style-type: none"> <li>Equipment is listed on the DLC QPL</li> <li>Minimum operation time is 1,000 hours annually</li> </ul>
LED Stairwell Fixture (with Integrated Controls)	\$20/Fixture	Installation of self-contained occupancy-based luminaires in stairwell retrofit projects: <ul style="list-style-type: none"> <li>Eligible fixtures contain onboard, factory-furnished occupancy controls</li> <li>Not eligible for additional lighting control rebates</li> <li>LED retrofit kits are NOT eligible</li> <li>Equipment is listed on the DLC QPL</li> <li>Minimum operation time is 1,000 hours annually</li> </ul>
LED Exit Signs	\$7/Fixture	Installation of LED exit signs to replace incandescent or fluorescent sources: <ul style="list-style-type: none"> <li>LED retrofit kits are NOT eligible</li> <li>Equipment is listed on the DLC QPL</li> <li>Minimum operation time is 1,000 hours annually</li> </ul>



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## Existing Building High/Low Bay Lighting

Measure Description	Baseline Wattage (W)	Rebate/Unit	Requirements
LED High Bay	Existing Fixture > 401 W HID or > 326 W Fluorescent	\$100/Fixture	Installation of LED high/low bay luminaires in place of HID sources or existing linear fluorescent high/low bay luminaires: <ul style="list-style-type: none"> <li>Equipment is listed on the DLC QPL</li> <li>LED retrofit kits are NOT permitted</li> <li>Luminaires installed <math>\geq</math> 15 ft. above finished floors</li> </ul>
LED High Bay	Existing Fixture 400 W-251 W HID or 221 W-325 W Fluorescent	\$60/Fixture	<ul style="list-style-type: none"> <li>Wattage ranges referenced in the measure descriptions apply to nominal lamp wattage, not system wattage</li> <li>Replacement of existing linear fluorescent fixtures is permitted, provided that minimum wattage reduction requirements are met. The sum of the existing lamp wattage will determine which rebate is applicable.</li> <li>Minimum operation time is 1,000 hours annually</li> <li>Installation of on-board occupancy sensors qualifies for additional rebate</li> </ul>
LED High Bay	Existing Fixture $\leq$ 250 W HID or $\leq$ 220 W Fluorescent	\$30/Fixture	<ul style="list-style-type: none"> <li>Minimum operation time is 1,000 hours annually</li> <li>Installation of on-board occupancy sensors qualifies for additional rebate</li> </ul>
New Fluorescent T5HO/Low Bay Fixture	Existing Fixture > 401 W HID or > 326 W Fluorescent	\$50/Fixture	Installation of fluorescent high/low bay luminaires in place of HID sources or T-12 linear fluorescent fixtures: <ul style="list-style-type: none"> <li>Standard T5 lamps are not permitted with this measure code</li> <li>Overall fixture efficiency must be <math>\geq</math> 80 percent</li> </ul>
New Fluorescent T5HO/Low Bay Fixture	Existing Fixture 400 W-251 W HID or 221-325 W Fluorescent	\$30/Fixture	<ul style="list-style-type: none"> <li>Luminaires must contain 3–12 lamps and be installed <math>\geq</math> 15 ft. above finished floor</li> <li>Wattage ranges referenced in the measure descriptions apply to nominal lamp wattage, does not include ballast factor</li> <li>For existing fluorescent fixtures, the sum of the existing lamp wattage determines which rebate is applicable</li> <li>Minimum operation time is 1,000 hours annually</li> <li>Installation of on-board occupancy sensors qualify for additional rebate</li> </ul>
New Fluorescent T5HO/Low Bay Fixture	Existing Fixture $\leq$ 250 W HID or $\leq$ 220 W Fluorescent	\$20/Fixture	<ul style="list-style-type: none"> <li>Minimum operation time is 1,000 hours annually</li> <li>Installation of on-board occupancy sensors qualify for additional rebate</li> </ul>



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## Existing Building Lighting Controls

Measure Description	Min. Watts (W) Controlled	Rebate/Unit	Requirements
Lighting Occupancy Sensor (Wall or Fixture Mounted)	175 W	\$7/Control	Installation of a new occupancy control in place of a manual wall switch: <ul style="list-style-type: none"> <li>· Hardwired wall switch occupancy control; passive infrared, ultrasonic or dual technology</li> <li>· Sensors required by energy code are not eligible</li> <li>· Space must have 1,000 hours of occupancy</li> <li>· Fixture mounted sensors may be furnished as new equipment by fixture manufacturer or installed on existing fixture(s) as a retrofit measure</li> <li>· Residential grade controls or those with manual on override capability are not eligible</li> <li>· Sensors controlling less than 175 watts will be prorated on a per project basis</li> </ul>
Daylight Sensor	150 W	\$25/Control	Installation of a new occupancy control in place of a manual wall switch: <ul style="list-style-type: none"> <li>· Hardwired, wireless ceiling- or wall-mounted daylight sensor, which is designed to dim or switch fixtures based on ambient light levels</li> <li>· Sensors required by energy code are not eligible</li> <li>· Space must have 1,000 hours of occupancy</li> <li>· Parking deck fixtures are eligible</li> <li>· Sensors controlling less than 175 watts will be prorated on a per project basis</li> </ul>



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## Existing Building Exterior Lighting

### New LED Exterior Fixtures

Measure Description	Baseline Wattage (W)	Min. Lumen (lm) Output	Rebate/Unit	Requirements
LED Exterior	Existing Fixture ≥ 751 W HID	28,000 lm	\$120/Fixture	Installation of LED luminaires in place of HID sources: <ul style="list-style-type: none"> <li>· Exterior fixtures require a functioning time clock or photocell to qualify for lighting incentives</li> <li>· LED retrofit kits are NOT permitted</li> <li>· Equipment is listed on the DLC QPL</li> <li>· Minimum operation time is 1,000 hours annually</li> <li>· Lumen output determines final rebate</li> </ul>
LED Exterior	Existing Fixture 750 W-201 W HID	5,000 lm	\$60/Fixture	
LED Exterior	Existing Fixture 200 W-76 W HID	2,500 lm	\$50/Fixture	
LED Exterior	Existing Fixture ≤ 75 W HID	1,500 lm	\$10/Fixture	

## Existing Building Parking Deck Lighting

### New LED Parking Deck Fixtures

Measure Description	Baseline Wattage (W)	Rebate/Unit	Requirements
Parking Garage LED Light	Existing Fixture ≥ 151 W	\$50/Fixture	Installation of parking deck luminaires to replace HID, fluorescent or incandescent luminaires: <ul style="list-style-type: none"> <li>· LED retrofit kits are NOT permitted</li> <li>· Equipment is listed on the DLC qualified product list</li> <li>· Minimum operation time is 1,000 hours annually</li> </ul>
Parking Garage LED Light	Existing Fixture ≤ 150 W	\$30/Fixture	

Additional requirements:

- Parking decks are considered a separate building and are capped at \$25,000 per building per year
- Available only for existing parking garages and fixtures — new parking garages should apply under new construction

## Existing Fuel Canopy Lighting

### Gas Station Canopy LED Light

Measure Description	Baseline Wattage (W)	Rebate/Unit	Requirements
Gas Station Canopy LED Light	Existing fixture ≥ 230 W	\$50/Fixture	Installation of gasoline canopy luminaires to replace HID or incandescent luminaires: <ul style="list-style-type: none"> <li>· LED retrofit kits are NOT permitted</li> <li>· Equipment is listed on the DLC QPL</li> <li>· Minimum operation time is 1,000 hours annually</li> </ul>



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**Maximum rebate for outdoor pole-mounted lighting is \$10,000 per building per year up to 50% of equipment cost. Existing interior and exterior lighting must meet the 10% minimum wattage reduction requirement.**

## Existing Outdoor Pole-Mounted Lighting

### New LED Pole-Mounted Fixtures

Measure Description	Baseline Wattage (W)	Min. Lumen (lm) Output	Rebate/Unit	Requirements
LED Pole-Mounted Fixture	Existing Fixture $\geq$ 751 W HID	28,000 lm	\$120/Fixture	Installation of LED luminaires in place of HID sources: <ul style="list-style-type: none"> <li>Exterior fixtures require a functioning time clock or photocell to qualify for lighting incentives</li> <li>Pole-mounted outdoor lighting rebates are for metered systems and retrofit projects only</li> <li>Rebate NOT available for new pole-mounted lighting</li> <li>LED retrofit kits are NOT eligible</li> <li>Equipment is listed on the DLC QPL</li> <li>Lumen output determines final rebate</li> <li>Minimum operation time is 1,000 hours annually</li> </ul>
LED Pole-Mounted Fixture	Existing Fixture 750 W-201 W HID	5,000 lm	\$60/Fixture	
LED Pole-Mounted Fixture	Existing Fixture 200 W-76 W HID	2,500 lm	\$50/Fixture	
LED Pole-Mounted Fixture	Existing Fixture $\leq$ 75 W HID	1,500 lm	\$10/Fixture	

Additional requirements:

- Rebates for pole-mounted lighting projects must be paid to Georgia Power customer



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**Maximum rebate for new construction or major renovation lighting is \$25,000 per building per year up to 50% of equipment cost.**

## New Construction or Major Renovation Lighting Requirements

### General Requirements

- ▶ To qualify for new construction lighting rebates, projects must have an installed Lighting Power Density (LPD) that is at least 20 percent less than the ASHRAE 90.1–2013 Interior Lighting Power Density Allowance
- ▶ Rebates are calculated at \$0.04/kWh reduced, and are capped at \$25,000 per building per year
- ▶ Building lights must operate at least 1,000 hours annually
- ▶ Rebates are also available for qualifying interior lighting control devices, such as: occupancy controls, daylight sensing controls, and advanced lighting control systems

### Project Requirements

- ▶ Must be a new construction project or major renovation project
- ▶ Major renovation is defined as: Removal of the entire existing lighting system and wiring, redesigning of the entire existing lighting systems, and where a licensed professional architect or engineer has prepared and certified building plans and drawings
- ▶ Must provide maintained lighting levels in accordance with IESNA recommendations

### Required Supporting Documentation to Obtain Preapproval

- ▶ COMcheck or equivalent document listing equipment info, wattages, and quantities
- ▶ Lighting Floor Plan
- ▶ Lighting Fixture Schedule and Legend
- ▶ Architectural Cover Page(s) or equivalent document listing square footage

### Required Supporting Documentation to Obtain Rebate Payment

- ▶ Lighting Submittal Package
  - Manufacturer's Specification Sheets for all equipment specified (manufacturer, model numbers, and wattages)
- ▶ Final Payment documentation such as one of the following or its equivalent:
  - Pay Application with summary cost per division
  - Itemized Invoice for electrical/lighting equipment

### Other Supporting Documentation to Obtain Rebate Payment

- ▶ Certificate of Occupancy
- ▶ Updated Construction Documents, when Change Orders have altered the project scope of work from Preapproval Conditions:
  - As-Built Submittals
  - As-Built Lighting Floor Plans
  - As-Built Lighting Fixture Schedule and Legend
  - As-Built COMcheck or total interior wattage calculation



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## New Construction Lighting Rebate Application Requirements for “Whole Building” and “Partial Building”

### About Rebate Applications

- ▶ **For “Whole Building”:** If building usage type is listed on the ASHRAE 90.1-2013 Table 9.5.1, then this method should be used. Most applications should use this method. The total lighting wattage and square footage of the building must be entered in the application. Whole Building should also be used for a major renovation project that has changed building usage type and/or has been fully gutted to the building shell.
- ▶ **For “Partial Building”:** If building usage type is not listed in the “Whole Building” table, then ASHRAE 90.1-2013 Table 9.6.1 should be used. Lighting information for all indoor areas of the new building must be entered in the application. This approach may also be used for a building addition.
- ▶ Incentive is \$0.04 per kWh reduced, and is capped at \$25,000 per building per year up to 50% of project cost.
  - Based on the difference between the total wattage of new lighting and appropriate maximum allowable Lighting Power Density by ASHRAE 90.1-2013 Energy Code

### Equipment Requirements

- ▶ Lighting Watts per square foot (W/SF) must be 20% or less than ASHRAE 90.1-2013 Energy Code
- ▶ Lights must operate at least 1,000 hours or more (annual operating hours)
- ▶ Lighting applications should include interior lighting only (Exception: parking garages)

### Required Supporting Documentation to Obtain Preapproval

- ▶ COMcheck or equivalent document listing equipment info, wattages, and quantities
- ▶ Lighting Floor Plan
- ▶ Lighting Fixture Schedule and Legend
- ▶ Architectural Cover Page(s) or equivalent document listing square footage

### Required Supporting Documentation to Obtain Rebate Payment

- ▶ Lighting Submittal Package
  - Manufacturer’s Specification Sheets for all equipment specified (manufacturer, model numbers, and wattages)
- ▶ Final Payment documentation such as one of the following or its equivalent:
  - Pay application with summary cost per division
  - Itemized invoice for electrical/lighting equipment