



# Lighting

Energy-efficient lighting not only reduces costs but can also increase productivity and customer satisfaction. Our rebates make interior and exterior lighting upgrades more affordable. For technical requirements, please visit our website at [georgiapower.com/commercialsavings](http://georgiapower.com/commercialsavings).

**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)

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