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Georgia Power Rebates presentation

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Weiland, Malte

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Hey Everyone,

Attached are the slides from this morning's training on the Georgia Power Rebates. As Kim mentioned in the session, we will get with Facilities to develop a process for these going forward. In the meantime, if you feel that you have a project that qualifies for a rebate, the resources in these slides will support you and your contractors in submitting an application. Feel free to come to me with any questions.

Thanks,

Malte

Malte Weiland

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2017 Commercial Energy Efficiency Program

Georgia Institute of Technology
April 6, 2017

Commercial Program Update

- 2017 Starts New 3 Year Program Cycle

- Goals and Rebate Budgets Increase 2% per Year

- Market Conditions Influence Program Design

Eligible Equipment

Existing Building Lighting

New Construction Lighting

Heating & Cooling

Food Service & Grocery

Reflective Roofing

Custom Savings

Agricultural

High Efficiency Servers



How Do I Apply?

Prior to Purchasing Equipment


- Apply for preapproval online at www.georgiapowerrebates.com/commercial
- Upload Documentation:
 - Quote, Purchase Order, or Bid
 - Equipment spec sheets
 - Payee Designation, if necessary
 - W9 for entity receiving the rebate



After Project Completion

- Upload final invoice and make edits to equipment as needed
- Final invoices should be uploaded within 60 days of project completion.

ADD EXISTING BUILDING LIGHTING

Location of Lighting	Annual Hours of Operation	Install Date
<input type="text" value="Ex: 'Floor 1 Offices' or 'Building 3 Class'"/>	<input type="text" value="0"/>	<input type="text"/> 

Installed in air conditioned space? Yes No

Fixture Upgrade Type: New Retrofit

Install Location Type: Interior Exterior Highbay Pole-Mounted Outdoor

Existing Lighting

Type

Proposed Lighting

Type

Rebate Amount

Savings

<input type="text" value="0"/>	% Reduction
<input type="text" value="0"/>	kW Savings
<input type="text" value="0"/>	kWh Savings

Interior Lighting - Retrofit*

LED screw-in: \$2/Lamp



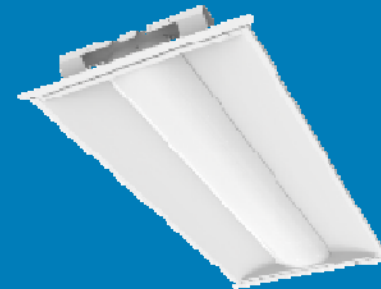
LED Specialty Lighting: \$4/Lamp



TLED and Linear Fixtures: \$3/Lamp



LED Integrated Retrofit kit:
\$25/fixture



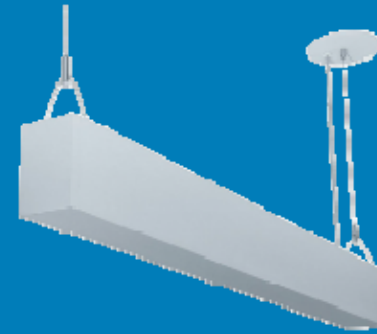
*Maximum rebate is \$25,000 per building per year.

Interior Lighting – New Fixtures*

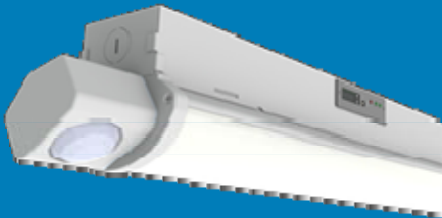
Cans, Track Lights, Downlight Fixtures: \$10/Fixture or Head



New LED Fixture: \$25/Fixture



LED Stairwell Fixture w/ integrated occupancy control: \$20/Fixture



LED Exit Signs: \$7/fixture



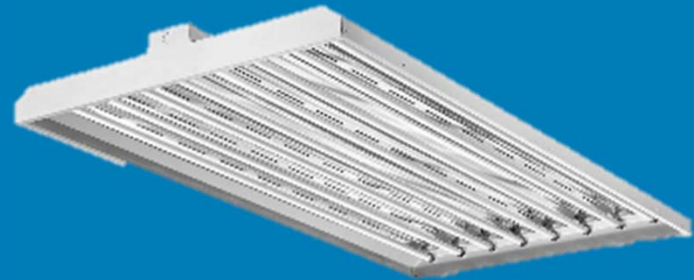
*Maximum rebate is \$25,000 per building per year.

Interior Lighting - New High/Low Bay Fixtures*

New LED High/Low Bay: \$30-
\$100/Fixture



New Fluorescent High/Low Bay: \$20-
\$50



*Maximum rebate is \$25,000 per building per year.

Interior Lighting - New Lighting Controls*

Occupancy Control, Wall or
Fixture Mounted: \$7/Control



Indoor Daylight Sensor:
\$25/Control



*Maximum rebate is \$25,000 per building per year.

Exterior Lighting Eligibility - DLC Primary Use

Outdoor Luminaires

- Whole fixture replacements only
- Exceed Specified Lumens

Specified Primary Use

- Parking Garage Luminaires
- Fuel Pump Canopy
- Stairwell and Passageway
- Outdoor Pole/Arm Mounted Area Luminaires

Outdoor Retrofit Kits

- **None are Eligible**



Mogul (E39) Screw Base Replacements

- **None are Eligible**

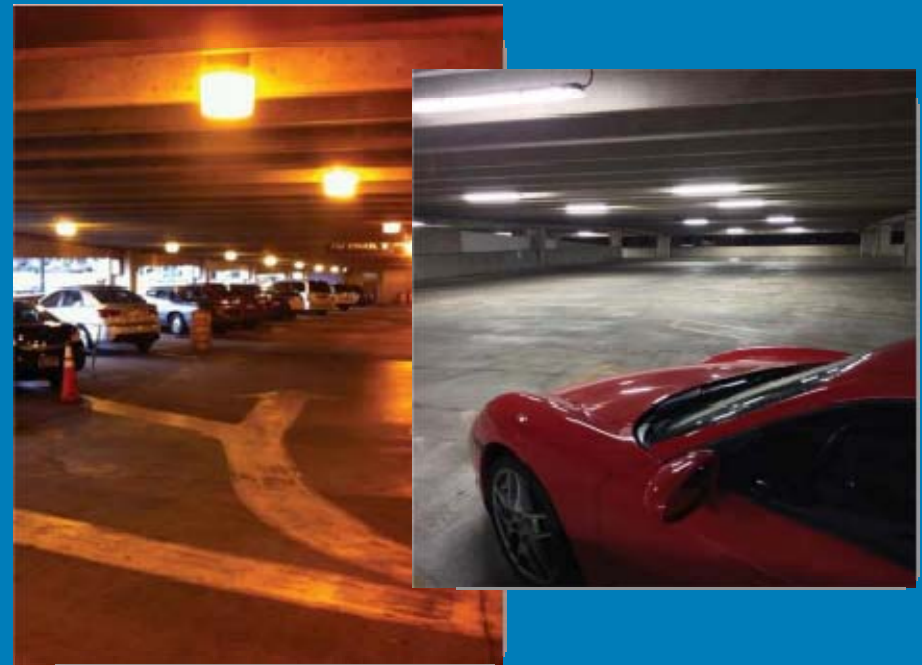


Exterior Lighting*

LED Exterior Fixtures:
\$10-\$120/Fixture



LED Parking Deck Fixtures:
\$30-\$50/Fixture



LED Fuel Canopy Fixture:
\$50/Fixture



*Maximum rebate is \$25,000 per building per year.

Exterior Lighting – Pole-Mounted Fixtures*

LED Pole-Mounted Fixtures: \$10-\$120/Fixture



- Retrofit kits are not eligible
- Must be replacing existing pole mounted fixtures
- Incentives paid to Customer, no 3rd party rebates
- Lights are behind a meter

*Maximum rebate is \$10,000 per building per year.

Existing Building Lighting Eligibility

DLC Listing Changes to Occur April 1st

The screenshot displays the DLC website interface. On the left, a banner reads "Bringing efficiency to light." with a search bar containing "Search over 285,052 qualified lighting products." and a search button. Below the banner, there is a navigation menu with "Solid State Lighting", "Lighting Controls", "News & Events", and "Terms".

The main content area is divided into two columns. The left column contains a sidebar with the following sections:

- Technical Requirements Version Number**: Includes a filter for "Add Technical Requirements Version Filter".
- Tested Criteria**: Includes a filter for "Add Tested Criteria".
- Reported Criteria**: Includes a filter for "Add Reported Criteria".
- Dimming Criteria**:
 - Continuous (Cannot dim down to ≤ 10% (W))
 - Continuous (Can dim down to ≤ 10% (W))
 - Stepped
 - Not Dimmable
 - Not Yet Verified
- Integral Controls**:
 - Available with Integral Controls
 - Doesn't have Integral Controls

The right column displays "Select Primary Use Categories" with a search bar. Below the search bar, there are three columns of product categories, each with a list of items and radio button selection options:

- Four Pin-Base Replacement Lamps for CFLs**:
 - Replacement Lamps (plug and play) (UL Type A)
 - (Version 2.1) Two-Foot Linear Replacement Lamps
 - 2-lamp External Driver Lamp-Style Retrofit Kits (UL Type C)
 - 3-lamp External Driver Lamp-Style Retrofit Kits (UL Type C)
 - 4-lamp External Driver Lamp-Style Retrofit Kits (UL Type C)
 - Dual Mode Internal Driver (UL Type A and Type B)
 - Internal Driver Lamp-Style Retrofit Kits (UL Type B)
- Indoor Luminaires**:
 - Specialty: Hazardous Flood and Spot Luminaires
 - Architectural Flood and Spot Luminaires
 - Fuel Pump Canopy Luminaires
 - Outdoor Full-Cutoff Wall-Mounted Area Luminaires
 - Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Outdoor Pole/Arm-Mounted Decorative Luminaires
 - Parking Garage Luminaires
 - Specialty: Sports Flood
 - Bollards
 - Landscape/Accent Flood and Spot Luminaires
 - Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area
- Indoor Retrofit Kit**:
 - Retrofit Kits for Large Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Retrofit Kits for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Retrofit Kits for Fuel Pump Canopy Luminaires
 - Retrofit Kits for Outdoor Full-Cutoff Wall-Mounted Area Luminaires
 - Retrofit Kits for Parking Garage Luminaires
 - Specialty: Hazardous Flood and Spot Luminaires
 - Architectural Flood and Spot Luminaires
 - Bollards
 - Landscape/Accent Flood and Spot Luminaires
 - Outdoor Full-Cutoff Wall-Mounted Area Luminaires
 - Outdoor Non-Cutoff and Semi-Cutoff Wall-Mounted Area Luminaires
 - Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Outdoor Pole/Arm-Mounted Decorative Luminaires
 - Parking Garage Luminaires
 - Specialty: Canopy Lighting
 - Specialty: Hazardous Wall Mounted Luminaire
 - Specialty: Non-Cutoff Wall-Pack
- Mogul (E39) Screw-Base Replacements for HID Lamps**:
 - Retrofit Kits for Fuel Pump Canopy Luminaires
 - Retrofit Kits for Large Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Retrofit Kits for Outdoor Full-Cutoff Wall-Mounted Area Luminaires
 - Retrofit Kits for Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
 - Retrofit Kits for Outdoor Pole/Arm-Mounted Decorative Luminaires
 - Retrofit Kits for Parking Garage Luminaires
 - Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type B)
 - Replacement Lamps for Outdoor Full-Cutoff Wall-mounted Area Luminaires (Type C)
 - Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type B)
 - Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires (Type C)
 - Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)
 - Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type C)
 - Replacement Lamps for Parking Garage Luminaires (Type B)

Interior Lighting Eligibility –DLC Primary Use



Indoor LED Luminaires

- All types eligible



Indoor Retrofit Kits

- Types *not eligible*: Retrofit Kits for High/Low Bays & Linear Retrofit Kits



Linear Replacement Lamps (TLED)

- All types eligible



Mogul (E39) Screw Base Replacements for HID Lamps

- *None are eligible*

Interior Lighting Eligibility – Integrated Retrofit

Primary Use Type: Integrated Retrofit

Model # 2VTL4R 34L ADP EOHN LP835 IPS NAKD



Manufacturer: Acuity Brands Lighting
Brand: Lithonia Lighting
Technical Requirements Version: 3.1
Date Qualified: 06/02/2016
Product ID: P33GURTB

Categorization

Main: Indoor Retrofit Kit
General Application: Troffer
Primary Use: Integrated Retrofit Kits for 2x4 Luminaires
Classification: Premium
Is Parent Product: Yes
DLC Family Code: ZZZZQZ
Dimming Status: NotDimmable
Listing Status: Listed

Tested Data

Reported Data

Zonal Lumens

Spacing Criteria

Family Data

Light Output: 3355.15 lm
Wattage: 28.11 W
Efficacy: 119.36 lm/W
Power Factor: 0.88
CCT: 3491 K
CRI: 83.1
Total Harmonic Distortion: 17.58 %

DLC Definition:

Integrated-Style Retrofit Kits for 2x2, 1x4, and 2x4 Luminaires: Troffer retrofit kits that replace all reflectors and optical systems of the existing luminaire, effectively creating a completely new luminaire.



Interior Lighting Eligibility – Linear Retrofit

Primary Use Type: Linear Retrofit

Model # T10LB4-18 3K

Manufacturer: USA LED Lighting Solutions
Brand: USA LED
Technical Requirements Version: 4.1
Date Qualified: 09/24/2014
Product ID: PX4QAZ7WP

Categorization

Main: Indoor Retrofit Kit	Classification: Standard	View Notes
General Application: Troffer	Is Parent Product: Yes	
Primary Use: Linear Retrofit Kits for 2x4 Luminaires	DLC Family Code: KKKMIV	
	Dimming Status: NotDimmable	
	Listing Status: Listed	

Tested Data | Reported Data | Zonal Lumens | Spacing Criteria | **Family Data**

Light Output: 3729.44 lm
Wattage: 35.84 W
Efficacy: 104.06 lm/W
Power Factor: 0.895
CCT: 2892 K
CRI: 82.3
Total Harmonic Distortion: 11.96 %

DLC Definition:

Linear-Style Retrofit Kits for 2x2, 1x4, and 2x4 Luminaires. Strip-style retrofit kits for troffers. Products in this category do not replace the optical systems of the existing luminaire, and leave the basic form of the existing luminaire intact.



New Construction or Major Renovation



Lighting Rebates:
20% Better than ASHRAE
90.1-2007 Energy Code
\$0.20/per watt reduction
for lighting wattage per
square foot

*Maximum rebate is \$25,000 per building per year.

Heating and Cooling

Set-Back Programmable
Thermostat: \$50/unit



Smart, Wi-Fi Enabled Thermostat:
\$75/unit



HVAC: Variable Frequency Drives
(VFDs): \$50/horsepower on existing
motors only



*Maximum rebate is \$25,000 per building per year.

Food Service and Grocery*



NEW REBATES in 2017: Evaporator Fan Motors, Combination Ovens



ENERGY STAR Qualified Appliances : \$50-\$300/unit



Other Rebates: Display Case and Walk-In Upgrades, Variable Speed Ventilation Hoods: \$200/HP

*Maximum rebate is \$25,000 per building per year.

Reflective Roofing



ENERGY STAR Qualified

- \$0.05/sq ft of applicable roof area capped at \$10,000 per building per year
- Roof over conditioned space only

*Maximum rebate is \$10,000 per building per year.

Custom Savings



Custom Preapproval Form Required

Rebate is \$0.08 per kWh saved in 1st year

Capped at \$40,000 per building per year up to 50% of project costs

Applications must include: proposed cost, baseline and proposed energy consumption, and supporting calculations

Examples: Energy management systems, chillers, motors, demand control ventilation



Program Caps

Project Type	Unique Cap per building per year
Any Combination of Prescriptive Rebates	\$25,000 *Capped at 50% of equipment cost
New Construction Lighting	\$25,000 *Capped at 50% of project cost
Outdoor Pole-Mounted Lighting	\$10,000 *Capped at 50% of equipment cost
Custom Savings	\$40,000 *Capped at 50% of project cost
Reflective Roofing	\$10,000 *Capped at 50% of project cost

Online Resources

Georgia Power Home For My Home For My Business Our Community Environment Energy About Us Contact Us Search

My Account Login
 Pay Bill
 Register
 Turn On/Off Power
 Report/Check an Outage

Commercial Energy Efficiency Program

Georgia Power's commercial rebate program makes incorporating energy-efficient improvements into your business easy and affordable. Whether you're replacing outdated, inefficient equipment or installing high-efficiency equipment during new construction, we offer a variety of rebates to help you reduce the initial cost, resulting in lower energy consumption and savings.

[Apply for Rebates](#)

Create a new application or check the status of previously submitted applications. To ensure prompt review of your rebate application, please follow these [Online Application Instructions \(PDF\)](#).

Preapproval is Now Required For All Projects

Please review the new program [Terms and Conditions](#) for details. You can apply for preapproval by creating a new application and submitting all required documentation. Applications will be reviewed and a preapproval letter will be emailed to the address used when creating the application. Preapproval commitments are valid for 120 days from the date on letter for retrofits projects and 1 year for new construction projects. Upon project completion, an invoice should be submitted within 60 days. Projects may, on a case by case consideration, be granted an extension to this timeline. More information is located at georgiapowerrebates.com/commercial.

Eligible Equipment and Programs

View the types of equipment and programs eligible for rebates.

[Learn More](#)

Business Solutions Center

Charlotte, Business Solutions Center

Have a question, or can't find what you're looking for? Our service specialists can help.

1-888-855-5888
 24 hr. a day, 7 days a week

[Email Us](#)

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Trade Allies are service providers that have been trained on the Georgia Power Commercial Energy Efficiency Program and are available to help customers implement energy efficiency projects and apply for incentives. To find a Trade Ally, select the service you need, enter your zip code and click "Search".

Find a Trade Ally

Select a Service
 -- Any Service --

Zip Code

[Search](#) [Clear](#)

CS Smart Energy Solutions
 6250 Jimmy Carter Boulevard, Norcross, GA 30071 (770) 242-2740
[Log In](#)

Veeva Lighting
 1372 Highways Ridge Road, South East, Smyrna, GA 30082 (770) 435-8557
[Log In](#)

Sonneater Systems
 225 Town Center, Kennesaw, GA 30144 (330) 204-6619
[Log In](#) [Lighting & Cooling](#) [Food Service & Grocery](#)
[General Contractor/Consultant](#)

Beyond LED Technology
 2728 Midway Rd, Atlanta, GA 30328 (770) 491-7272

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Featured Rebates and Money Savers

- 1 Have a unique energy-saving project? Consider the Custom Savings Program.
- 2 Direct install savings for small commercial customers.

Customer Testimonials

See what our customers are saying about the commercial energy efficiency program.

Online Resources

- Program Website: www.georgiapower.com/commercialsavings
- Rebate Application: www.georgiapowerrebates.com/commercial
- Eligible equipment details
- Find a Trade Ally link
- Trade Ally Program Information

Contacts

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- ICF Commercial Account Manager:
 - Jacquelyn Schneider: 404.860.4433; jacquelyn.schneider@icf.com
- GPC Commercial Energy Efficiency Program Manager:
 - Eric Swann: 404.506.7012; ecswann@southernco.com
- Program Website: www.georgiapower.com/commercialsavings
- Application Website: www.georgiapowerrebates.com/commercial
- Call Center: 1-877-310-5607