



Commercial Energy Efficiency Program

GASHE
Quarterly Meeting
September 13, 2019



AGENDA

- Program Overview
- Participation & Sample Project
- Resources
- Q&A / Discussion

PROGRAM OVERVIEW

Commercial Rebate Program

- 2019 Goal = 286,126 MWh's
- Rebate Budget = \$16.8 million
- Georgia Power Commercial customers
- How do customers participate?
 - Trade Ally Network
 - Apply online for Preapproval

Commercial Rebate Program

Prescriptive Program:

Fixed rebate \$\$\$ per equipment unit; pre-approval required before installation.

Custom Program:

Rebate dependent on calculation of avoided energy use, determined on project-by-project basis; pre-approval required before equipment purchase.

Rebate Categories

*Custom Savings

New Construction Lighting

Existing Building Lighting

Food Service and Grocery

Reflective Roofing

Heating & Cooling (e.g. VFDs)



All projects require application submission and preapproval before installation of equipment.

*Custom Savings Program requires preapproval prior to purchase of equipment

Interior Lighting - Retrofit

LED screw-in:
\$2/Lamp



LED Specialty Lighting:
\$4/Lamp



TLED and Linear Fixtures:
\$3/Lamp



LED Troffer/Integrated Retrofit Kit:
\$25/fixture



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

Exterior Lighting

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



LED Fuel Canopy Fixture:
\$50/Fixture



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



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

New Construction or Major Renovation Lighting



Lighting Rebate Qualifiers

- 20% Better than 90.1-2007
- \$0.20 /per watt reduction
for lighting wattage
per square foot

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

Program Caps

Project Type	Unique Cap per building per year
Any Combination of Prescriptive Rebates	\$25,000 <small>*Capped at 50% of equipment cost</small>
New Construction Lighting	\$25,000 <small>*Capped at 50% of project cost</small>
Outdoor Pole-Mounted Lighting	\$10,000 <small>*Capped at 50% of equipment cost</small>
Custom Savings	\$75,000 <small>*Capped at 50% of project cost</small>
Reflective Roofing	\$10,000 <small>*Capped at 50% of project cost</small>

Custom Savings



- Custom Savings Rebate is \$0.10 per kWh saved in first year
- Maximum of \$75,000 per building per year up to 50% of project costs
- Baseline efficiency is determined by current state and federal codes
- Rebates are based on verifiable energy savings calculations and cannot be based on assumed percent reductions

*Maximum rebate is \$75,000 per building per year

*Preapproval required prior to purchase and installation of equipment

Custom Savings Eligible Equipment

- ▶ Cold storage:
- ▶ Data centers:
- ▶ Government
- ▶ Grocery:



- ▶ Hospitals
- ▶ Lodging
- ▶ Offices
- ▶ Schools and more!



Range of Rebate Dollars Awarded per Measure Applied

Chiller Replacement, System Upgrade: \$12,000 - \$75,000

Campus Plant Improvements: > \$75,000

EMS Upgrade, Replacements: \$14,000 - \$51,000

VRF Installations: \$8,000 - \$56,000

Geothermal System Installations: \$20,000 - \$35,000

*Maximum rebate is \$75,000 per building per year

How do I apply for the Custom Savings Program?

www.georgiapowerrebates.com/commercial

Prior to Equipment Purchase

- Apply online for preapproval **before equipment purchase**
- Upload Documentation:
 - Energy Model, Calculations
 - Custom Preapproval Form
 - Quote, Purchase Order, or Bid
 - Equipment spec sheets
 - Payee Designation, if necessary
 - W9 for the rebate recipient



After Project Installed

- Upload final invoice and notify of any changes to the project scope
- Final invoices should be uploaded within **60 days** of project completion.
- Walkthrough with ICF
- Ensure W9, and Payee Designation form have been submitted.

PARTICIPATION & SAMPLE PROJECT

Hospital Participation

Year	Projects	kWh Reduced	Rebate Amount
2017	66	11,093,840	\$ 499,517
2018	52	15,103,322	\$ 617,514
2019	18	3,053,670	\$ 179,856
(Pending)	<u>32</u>	<u>8,746,477</u>	<u>\$ 627,499</u>
TOTAL	168	37,997,310	\$ 1,924,3876

Hospital Sample Project

- Large Atlanta Hospital
- Engaged energy consulting firm
- Took comprehensive approach
 - Interior Lighting
 - HVAC Custom Savings
- Completed late 2018

Hospital Sample Project

Measure	Quantity	Cost	Rebate	Total Cost
Lighting	1,905 lamps	\$ 46,164	\$ 11,993	\$ 34,171
Custom		\$301,944	\$150,000	\$151,944
Total		\$348,108	\$161,993	\$186,115

Hospital Sample Project Savings

Measure	Energy (est)	Energy Actual	Billed Savings
Lighting	1,104,000	1,000,000	\$43,915
Custom	1,228,543	975,724	\$42,850
Total	2,332,543	1,975,724	\$86,765

Summary

- Investment After Rebate
 - \$186,115
 - Simple Payback 2.2 years
- Investment Without Rebate
 - \$348,108
 - Simple Payback 4.0 years
- \$86,765+ Every Year After

RESOURCES

Online Resources

- **Program Website:**

www.georgiapower.com/commercialsavings

- **Rebate Application:**

www.georgiapowerrebates.com/commercial

Online Application

Georgia Power Commercial Energy Efficiency

Learn more about our energy efficiency programs and services.

Lighting, Heating & Cooling, Water Heating

Georgia Power Preapproval

Preapproval is required for all applications effective April 1st, 2013.

Learn more about our energy efficiency programs and services.

Lighting, Heating & Cooling, Water Heating

Georgia Power Welcome Jeff West to the Rebate Application

Preapproval is required for all applications effective April 1st, 2013.

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Georgia Power Create Application

Project Information

Project Name: [Text Field]

Project Type: Preapproval Request Custom Savings

Project Location Information

Customer Name: [Text Field]

Street Address: [Text Field]

City: [Text Field]

State: [Dropdown Menu]

Zip: [Text Field]

Application Type: Not for Profit For Profit

Service Address Information

Energy Power Account Number: [Text Field]

Building Information

Building Type: [Dropdown Menu]

Project Type: New Construction or Major Renovation Existing Building

Project Installation Start Date: [Text Field]

Project Installation Completion Date: [Text Field]

Rebate Recognition

Rebate included

Rebate is customer funding address

Rebate is on third party company name

Buttons: [Cancel] [Continue]

Georgia Power Edit Custom Savings

Project Name: testing

Project Type: Custom Savings

Select Improvement Type:

Pre-approval is required before purchasing or installing improvements. Upload custom application and savings calculations in the supporting document section.

Improvement Type: Custom Measure

Custom Measure Type: Chiller

Description: Testing Chiller

Buttons: [Cancel] [Continue]

Future Considerations

- **Current Cycle Ends 12/6/19**
- **Changes Effective 1/1/20**
- **Intent is for Minimal Impact**
- **2020 Projects Approved on a Reserved Basis**

Contacts

☐ Your Georgia Power Key Account Manager

☐ Your ICF Account Manager

☐ GPC Program Manager:

Stephen Morton: 404.218.8975; ssmorton@southernco.com

☐ Program Website: www.georgiapowerrebates.com/commercial

Call Center: 1-877-310-5607