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INVESTING IN GEORGIA'S  
ENERGY, LAND & WATER RESOURCES



## *State Building Competition*

GASFA

PJ Newcomb, State Utilities Program Engineer

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# Competition Background





# Meet the Competitors

DCA HQ



Public Safety Training Center Admin. Building



GBA 2  
Peachtree St



Savannah Technical College  
Auto/Industrial Tech

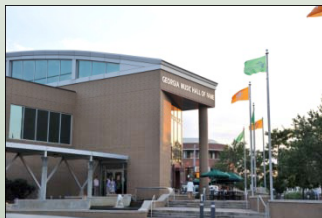
Student Finance Commission HQ



GBI's HQ



Music Hall of Fame



UGA's Boyd Grad. Studies and Science Library



# Meet the Partners

Trainers:



Partner:





# The Competition



- “Biggest Loser” format – largest reduction in Energy Use Intensity is the winner
- Energy Use Intensity (EUI) – Btu/sq. ft./year
- Data tracked in Energy Star Portfolio Manager
- Time Frame
  - FY11 vs. FY10
  - “Active Competition” January – June 2011





# The Results

- Total: reduced their energy consumption by more than **20 billion British thermal units (BTUs)**  
(20,000 mmBtu)
- Equivalent of shutting down Music Hall of Fame...
- Carbon dioxide emissions reduction of **2,765 metric tons** is the equivalent of
  - removing **542 passenger vehicles** from the road,
  - the annual **electricity use of 345 homes**, *or*
  - the carbon sequestered by more than **70,900 tree seedlings** grown for 10 years.



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And the Winner is...



# Third Place

University of Georgia (UGA)  
Boyd Graduate Studies and Science Library

Trainer:



*EUI Reduction: 9.9 percent.*





# Second Place

Georgia Public Safety Training Center  
Administration Building

Trainer: **Honeywell**

*EUI Reduction: 11.8 percent.*  
*Energy Star Score raised from 53 to 66*





# First Place

Georgia Department of Community Affairs  
Headquarters Building

Trainer:



*EUI Reduction: 16.7 percent*

*Energy Star Score raised from 42 to 61  
Have now exceeded the Energy Challenge Goal!!*



# Honorable Mention

Georgia Music Hall of Fame  
Museum

Trainer:



*EUI Reduction: 17.4 percent (as of May)*  
*Technically disqualified due to closing mid-June*



## *In Closing...*

Thanks again to all of the **Trainers** and **Georgia Power** for support!

Thanks to the **Competitors** for participating and showing what can be done to reduce energy use!

Congratulations to the **Winners!**

**2<sup>nd</sup> Annual Competition???**



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