

### Atlanta Better Buildings Challenge Background

### **Atlanta's Goal:**

To engage the local community to reduce energy and water consumption by at least 20% in participating buildings across Atlanta's central business district by 2020 and become one of the country's top sustainable cities.



## Atlanta Better Buildings Challenge Background

- National competition initiated by US Department of Energy
- Started in June 2011 with 3 pilot cities: Los Angeles, Seattle and Atlanta
- Mayor Reed launched program locally in November 2011
- Now 36 Community Partners (cities, states, school districts) representing 2 billion square feet



# Atlanta Better Buildings Challenge Power To Change



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Comprehensive Plan with 10 Citywide Measures

- Air
  - Community Health/Vitality
- Education
- Energy
- Growing Business
- Land Use
  - Materials Management
- Sustainability Planning
  - Transportation
- Water

2

Focus on a strategic few



The Better Buildings Challenge is a strategy that not only reduces energy, but also yields to many other impact areas supporting Power to Change.

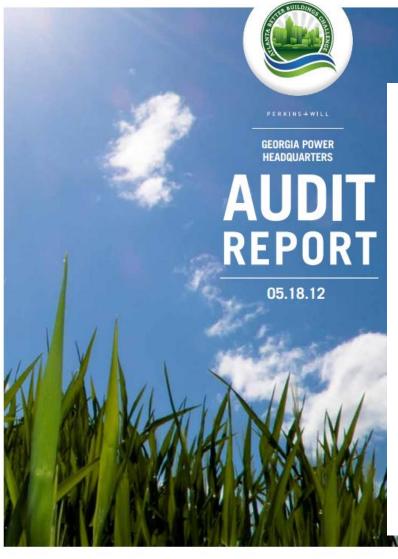
# Atlanta Better Buildings Challenge Progress: Nov. 2011-To Date

- Mayor launched program
- Organized campaign, partnerships and sponsors
- Completed Building Assessments for 20 million square feet
- Hosted outreach and education events
- Completed Showcase Project Civic Center
- Westside TAD Grant Program/Commercial PACE
- Began progress reporting to Dept. of Energy
- 50,000,000+ square feet now committed to assessments and project implementation



### Atlanta Better Buildings Challenge Program Successes

- Completed building assessments for 20+ million sq. ft.
- Completed showcase project Civic Center
- Westside TAD Grant Program/Commercial PACE
- Current commitment
  - More than 100 buildings
  - 65,000,000+ square feet
- National recognition for 9% energy savings and complete data for 37 million square feet
- Participants meeting the challenge:
  - 13 have exceeded 20% energy savings
  - 6 have exceeded 20% water savings



### **Assessment Report**

### **FACILITY OVERVIEW**

Facility Name	GaPower HQ	
Address	241 Ralph McGill	
City/State	Atlanta, GA	
Year Built	1979	
Overall Square Feet	780,000	

### **UTILITY OVERVIEW**

COST

Utility Electric Water Total

t 12 Months	Average Month
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CONSUMPTION

Average Month	Last 12 Months
	:

RESOURCE CONSUMPTION AND EMISSIONS

CO2 lbs	Coallbs
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### **EUI AND ENERGY STAR SCORE**

This comparison shows how your building compares to other buildings similar to yours based on EPA commercial buildings database.

Energy Use Intensity (EUI): Unit of measurement that describes a building's energy use relative to its size, typically calculated as kBtu / Sq Ft

EUI	Average EUI	Energy Star Rating
	0	0

### Atlanta Better Buildings Challenge: Networking Events





### **Atlanta Better Buildings Challenge Education & Technical Resources**

- FREE training for building owners and facilities staff
- Programs administered by USGBC Georgia





# Atlanta Better Buildings Challenge Showcase Project

### **Boisfeuillet Jones Atlanta Civic Center**

- ✓ Project Cost: \$2.1 million
- ✓ Energy savings since 2009: **25**%
- ✓ Expected annual energy savings: \$200,000
- ✓ Atlanta was first to complete Showcase Project



# Atlanta Better Buildings Challenge Westside TAD Grant Program

\$8 million of Westside TAD Tax Increment for energy audits and project implementation for ABBC Participants

- 4 Buildings awarded Investment-Grade Energy Audits (IGA)
- 2 Service Providers selected to perform IGAs
- \$1.2 million in project implementation funding to date
   July 2013





# Atlanta Better Buildings Challenge Our Competition

### **Comparison to Other BBC Cities:**

