



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

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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



PERKINS+WILL

GEORGIA POWER
HEADQUARTERS

AUDIT REPORT

05.18.12

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	Last 12 Months	Average Month
Electric		
Water		
Total		

CONSUMPTION

Average Month	Last 12 Months

RESOURCE CONSUMPTION AND EMISSIONS

CO2 lbs	Coal lbs

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:

