

*2015 SPEER Summit*  
*Initiatives to Accelerate*  
*Energy Efficiency*



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# The City of Fort Worth & Energy Efficiency

City of Fort Worth	Project Performance - Financial				
Resource Conservation	Guarantee Period	Performance Period	Guaranteed Savings	Reported Savings	Pos./ (Neg.) Variance
City Dept.-Project(s)	Start-date	End-date	\$-to-date	\$-to-date	Delta-\$
Property-ESPC (6-Phases)	Oct-04	Sep-14	\$ 15,342,489	\$ 17,930,228	\$ 2,587,739
T/PW-LED Traffic Signals	Oct-07		\$ 3,756,368	\$ 3,756,368	\$ -
Water-ESPC (3-Phases)	Oct-10		\$ 4,065,521	\$ 7,032,336	\$ 2,966,815
<b>Total Program</b>	<b>Oct-04</b>	<b>Sep-14</b>	<b>\$ 23,164,378</b>	<b>\$ 28,718,932</b>	<b>\$ 5,554,554</b>
Note: ESPC is the common acronym for the <i>Energy Savings Performance Contract</i> construction method.					





# The Fort Worth Better Buildings Challenge

- Better Buildings Initiative
- *Community Partner Agreement* (DOE-City, 2012)
- Focus: Energy & Water Reductions
- Structure: Local Partner & Ally Network
  - ✓ Partners: City Building Property Owners
  - ✓ Allies: Utilities & Professional Organizations





# The Fort Worth Better Buildings Challenge

- Governance: FWBBC Advisory Committee
  - ✓ Co-Chairs: City- & Fort Worth Chamber-Representatives
  - ✓ Subcommittees: Audit, Water, Finance, & Communication
- Process: FWBBC Advisory Committee
  - ✓ Introduce Network
  - ✓ Benchmarking
  - ✓ Assess Opportunities
  - ✓ Build Support for Projects
  - ✓ Implement Efficiency Projects



# Fort Worth BBC Partners/Allies

## Allies

- Downtown FW, Inc.
- FW South, Inc.
- FW Chamber of Commerce
- BOMA Fort Worth
- BRIT
- ASHRAE Fort Worth
- North Texas AEE
- AIA Fort Worth
- USGBC north Texas
- Oncor Electric Delivery
- Atmos Energy
- FW Water Department

## Partners

- UTA Fort Worth Center
- FW Museum of Science & History
- Lockheed Martin
- Baylor All Saints Medical Center
- JPS Health Network
- Texas Christian University
- Marriott Blackstone
- Titan Alliance
- Red Oak Reality
- Tarrant County College District
- UNT Health Science Center
- McKesson Pharmaceuticals
- Hope Church



# City Initiatives

- Houston
  - 165,000 LED Street Lights
  - Municipal Building Data Made Public for all buildings over 25,000 sq. ft.
  - Houston Green Office Challenge and Better Buildings Partner
  - First City in Texas to use Qualified Energy Conservation Bonds for public building retrofits
- San Antonio
  - 340 Retrofit Projects; avoiding cost of \$1.3M/year
  - Revolving Internal Energy Efficiency Fund
  - Municipal Swimming Pool Retrofit Project



# City Initiatives

- El Paso
  - 42 Million in ESPC Projects
  - Internal Energy Efficiency Challenge
  - 19,000 LED Street Light Conversions
  - Better Buildings Participant
- Dallas
  - 5 Performance Contracts
  - Automated Controls
  - 2030 District Participation
- Austin
  - Energy Conservation Audit Disclosure ordinance (one of first cities nationally to pioneer rating and disclosure policy)
  - Piloting remote energy audits and automated demand response in City buildings

