



A Study in Energy Efficiency: Trenton Housing Authority, Trenton, NJ

Efficiency Upgrades Improve Quality of Life, Save Millions of Dollars.

Customer Profile

The Trenton Housing Authority provides a secure and affordable housing environment for low and moderate income residents throughout the City of Trenton.

The Challenge

The Trenton Housing Authority was looking for a way to create safe neighborhoods for over 3,000 residents while reducing energy costs. They also wanted to improve the quality of life for their tenants and implement energy conservation measures.



ConstellationSM

An Exelon Company

The Solution

The Trenton Housing Authority first chose Constellation in 2008 to implement Phase 1 of an energy performance contract. Over 1,850 high-rise units and family townhouses were upgraded with high-efficiency equipment and appliances. Phase 1 energy conservation measures included:

- Retrofitted with energy efficient lighting
- Installed new toilet and showerhead fixtures
- Installed ENERGY STAR® refrigerators
- Upgraded steam radiator control valves and steam traps
- Replaced all windows at most sites
- Executed insulation improvements

The Results

Due to the success of Phase 1, the housing authority entered into Phase 2 of the performance contract in 2011 to implement additional measures at five housing developments. The Phase 2 energy conservation measures are funded in part by \$10 million of cost savings resulting from Phase 1.

Phase 2 Energy Conservation Measures included:

- Updated HVAC systems
- Installed new boilers
- Updated bathroom shower conversions

Call Us

To discover how we can put our expertise to work for you, call us today at **1.866.237.7693**.

Highlights

Phase 1 & Phase 2 Combined

Capital Investment:

- \$10.3 million (Phase 1)
- \$11.5 million (Phase 2)

Guaranteed Estimated Combined Savings:

- \$31 million
- Term of Contract: 15 years (Phase 1 and 2 combined)

“Energy efficient upgrades have helped us to improve the quality of life for more than 3,000 residents. These upgrades wouldn’t have been possible without an energy savings performance contract, which provided a budget-neutral way to fund projects without large, upfront capital expenses.”

— Herbert Brown, Executive Director, Trenton Housing Authority

Constellation, an Exelon company, is a leading competitive supplier of power, natural gas, renewable energy and energy management products and services for homes and businesses across the continental US. We provide integrated energy solutions that help customers strategically buy, manage and use their energy. Our customers, including two-thirds of the Fortune 100, rely on our commitment to innovation, reliability, transparency and service. That is the kind of value you and your communities can expect from Constellation.

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