

## Customer Overview

Through an energy performance contract (EPC), Constellation Energy provided this 3,100 unit public housing authority a way to finance and implement energy efficient solutions that reduced their utility bills. Units include high-rise communities and scattered sites. Oklahoma City Housing Authority wanted to reduce its energy and operational costs while increasing energy and operational efficiencies to meet the challenges of future demand.



***Constellation has delivered more than \$3.6 million in water and energy savings, exceeding projected savings by more than \$1 million in the first three years.***

## Project Description

Constellation Energy and the Oklahoma City Housing Authority's energy performance contract provided for the installation of water and energy system improvements to all of the Authority's public housing developments.

## Highlights

- Capital investment: \$5.15 million
- \$1.2 million average annual savings
- Upgrades include extensive HVAC improvements, boiler/chiller conversions, lighting upgrades, water conservation measures and pipe insulation
- Direct purchase of gas from 3<sup>rd</sup> party

## Contract and Schedule

- 12-year contract term ending 2017
- Project completed five months ahead of schedule

## 2008 Annual Savings

- Projected: \$852,879
- Actual: \$1,238,251
- Electricity: 2,914,502 kWh  
13% reduction in consumption
- Water: 70,153,000 gallons  
40% reduction in consumption
- Natural gas: 369,786 CCF  
23% reduction in consumption