



CASE STUDY

BOSTON HOUSING AUTHORITY, MA

TECHNOLOGY TYPE

ENERGY SAVINGS PERFORMANCE CONTRACT
GUARANTEED ENERGY SAVINGS

FACILITY SIZE

3.8
MILLION SQ FT
(4,300 UNITS)

ESPC ENERGY PROJECT SIZE

\$66.7
MILLION

REDUCTION OF GAS AND WATER USAGE

30+
PERCENT

ESPC ANNUAL ENERGY SAVINGS:

\$4,800,000

AMERESCO 

SUMMARY

The Boston Housing Authority (BHA) is the largest landlord in Boston and the largest public housing authority in New England. As such, the BHA houses approximately 10 percent of the city's residents through its programs.

SERVICES PROVIDED

Ameresco was selected to develop and implement a comprehensive energy and water performance contract for the BHA. The project consisted of three project phases through a Guaranteed Energy Savings Performance Contract.

- Designed and installed over 17 Energy Conservation measures
- Energy conservation measures will include water, natural gas and electrical improvements
- Implemented a comprehensive resident work opportunity program

“ Projects like this prove that low-income housing can also be energy-efficient housing. We're excited to be moving forward with green technology and upgrading our residents' homes at the same time. ”

Bill McGonagle
Administrator, Boston Housing Authority

CUSTOMER BENEFITS

Partnering with Ameresco, BHA was able to implement 17 energy efficiency measures that have resulted in significant energy and water savings for the BHA.

- \$4.8 annual Energy Savings; \$119 million predicted over 20 year term
- Upgrades to 4,300 units in 13 developments
- Electrical, Mechanical, Water and Operational Upgrades
- Enhanced living and working conditions, with a 37% reduction in water consumption, 36% decrease in natural gas, and 4% reduction in electrical usage annually.
- Saves the equivalent of 26 million pounds of CO2 per year
- Ongoing performance site inspections over the term of the 20-year contract
- Web-based Energy Management System

For the full story, visit: ameresco.com

AMERESCO
Green • Clean • Sustainable 