

# PROJECT REFERENCE

## CITY OF ATHENS, OHIO

8 East Washington Street  
Athens, Ohio 45701



**Project Type:** Energy Savings Performance Contract

**Annual Savings:** \$49,431 in **Guaranteed** Energy Savings and Operational Savings

Actual savings was 105.9% of projection

**Environmental Impact:** Reduction of 694,066 lbs of CO<sub>2</sub> emissions

149,400 gallons of water saved

**Other Benefits:** 414,023 kWh of electricity saved







3,622 CCF of natural gas saved



**CHALLENGES:** Perfection Group was hired by the City of Athens to design and install a comprehensive energy and water conservation program for the following city buildings:

1. City Hall
2. Code Office
3. Community Center
4. Parking Garage

**SOLUTION:** The project covered upgrades to 4 facilities including: the City Hall, the Code Office, the Community Center and the Parking Garage. Energy conservation measures that were incorporated consisted of the following:

-  Lighting retrofits and occupancy sensors
-  New double-paned windows
-  Retro-commission existing HVAC systems and Controls system
-  Water conservation at the Detention Center
-  Replacement of boiler and chiller
-  Replacement of toilets and urinals with high-efficiency low flow fixtures

