

CITY OF NORTH COLLEGE HILL

1500 West Galbraith Road,
Cincinnati, Ohio 45239

Project Type: Energy Savings Performance Contract
Annual Savings: \$25,800 in **Guaranteed** Energy Savings and Operational Savings
Environmental Impact: Reduction of 357,596 lbs of CO₂ emissions
218,913 Kwh saved
1,063 CCF of natural gas saved
Other Benefits: Energy rebates of \$8,000



CHALLENGES: Perfection was hired by the City of North College Hill to design and install a comprehensive energy conservation program for various city-owned facilities including the Administrative building and the Public Safety building.

SOLUTION: The project covered upgrades to 2 facilities including: the Administrative Building, and the Public Safety building. Energy conservation measures that were incorporated consisted of the following:

- ▶ Lighting retrofits and occupancy sensors
- ▶ New programmable thermostats
- ▶ New unit heaters and economizers
- ▶ Installed new Rooftop Unit
- ▶ Conversion of Steam boiler to hot water
- ▶ New LED traffic lights at 18 intersections

