



# case study

## West Chester Borough Hall

### New Supplier and Conservation Program Cut Municipal Electric Bill by One-Third

#### Project Description/Services:

- Two-phased program of services:
  - Phase 1: Assessment of energy consumption and electricity rates. Conservation education & awareness program for municipal employees.
  - Phase 2: Operational assessment (HVAC controls/settings, air temperature data logging, ductwork & systems evaluation).

#### Outcomes:

- Assessment of electricity rates revealed high charges for winter heat/HVAC general service (GS) for this dual-metered municipal hall.
- Conservation education & awareness (E&A) program for municipal employees, combined with motivational tracking posters on display in the lobby, have been highly successful.
- A switch to a new electricity supplier, combined with the PES education and awareness program, produced a 31% decrease in electricity costs and a 12% decrease in consumption for the first year of the program, eliminating more than 88,000 pounds of CO<sub>2</sub> emissions.
- Phase 2 temperature logging/HVAC setpoint evaluation is expected to produce additional savings.

#### Project Stats:

- Services Provided January 2009-ongoing

#### Contact:

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*Motivational monthly posters track electricity consumption, cost, and CO<sub>2</sub> emissions savings for municipal employees.*