



# Pennsylvania State Capitol Complex

## HIGHLIGHTS:

- Capital Improvements:  
\$19 Million
- 1st Year Savings:  
\$1.5 Million
- Start Date:  
July 2006
- Completion Date: February 2008
- Term of Project:  
15 years



Energy Efficiency

## CALL US

To discover how we can put our expertise to work for you, call us today at 1-800-436-3749 (1-800-4ENERGY).

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The State Capitol Complex is an assembly of classical government buildings in Harrisburg surrounded by parks, plazas, fountains, and statuary. Built between 1893 and 1939, the classical structures include the Capitol, Finance, Forum, Matthew Ryan Legislative Office, and North, Northwest and South Office buildings.

In a drive to save tax dollars through energy efficiency improvements, the Capitol Complex Energy Project has been one of the most demanding guaranteed energy savings efforts the state has ever undertaken.

In collaboration with the Pennsylvania Department of General Services (DGS), Constellation Energy developed, constructed, and monitors the savings generated by this high-impact project.

## MAJOR ENERGY CONSERVATION MEASURES IMPLEMENTED:

- 2,400 windows replaced
- 1,503 steam traps installed
- 14 variable-frequency fan and motor drives installed
- 332 lantern-style walkway pole lights converted to LED technology
- Existing direct digital control system upgraded/expanded
- Central chilled-water plant upgraded with two new 2,500-ton chillers
- Exposed steam piping and valves insulated
- All lighting retrofitted
- Building insulation upgraded
- Water conservation program instituted



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