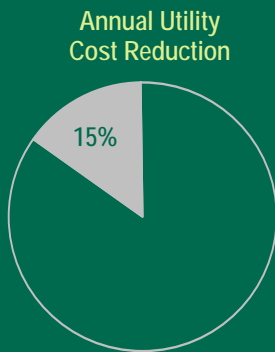




### Improvements Implemented:

- ▶ Lighting retrofit
- ▶ Occupancy sensors
- ▶ Programmable thermostats
- ▶ Window replacement
- ▶ Replace water heater
- ▶ Energy management system



### Environmental Impact:

2,151 tons of harmful greenhouse gas emissions reduced annually

Equivalent to:

- ▶ Preserving 13.6 acres of forest from deforestation
- ▶ Conserving 4,538 barrels of oil

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Sources:  
Leonardo Academy's Cleaner & Greener<sup>SM</sup> Emissions Reduction Calculator,  
[http://www.cleaneandgreener.org/resources/emission\\_reductions.htm](http://www.cleaneandgreener.org/resources/emission_reductions.htm)

U.S. Environmental Protection Agency, Greenhouse Gas Equivalencies Calculator,  
<http://www.epa.gov/cleanenergy/energy-resources/calculator.html>

### Project Reference

## City of Pittsburg

Pittsburg, Kansas

#### Contact:

Jon Garrison, Director of Finance  
City Hall  
201 W. 4<sup>th</sup> Street  
Pittsburg, KS 66762  
620-231-4100

#### Project Stats

**Project Type:** Municipality

**Project Size:** 23 buildings, 315,808 sq. ft.

**Project Value:** \$1,826,932

	Energy	Non-Energy
Guaranteed Annual Savings	\$104,436	\$15,620

	Start Date	End Date
Construction	Nov. 2007	Aug. 2008
Guarantee	Aug. 2008	Aug. 2023

#### Challenge:

The City of Pittsburg was faced with making several capital improvements within the city. Some capital expenditures were the result of building out new infrastructure, while some addressed aging facilities. The city council set a policy of holding the city's debt limit to 10 mills. As a result, the wish list of projects was longer than the funds available.

#### Solution:

By partnering with Custom Energy Services, an energy project allowed them to make improvements to significant city facilities, such as the Memorial Auditorium, without exceeding the internal debt limit. Custom Energy Services identified improvements throughout the entire city that would generate enough energy savings to offset the expense of improving the Memorial Auditorium. Along with the improved lighting and climate comfort in this facility, the city staff in City Hall has a better work environment, and other city facilities are able to operate at a lower cost.



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