

# Pittsburg State University

205 Russ Hall  
Pittsburg, KS 66762



## Contact

Office of Administration and Campus Life  
(620) 235-4108

## Project Information

Project Size: 27 buildings, 1,427,717 sq. ft.  
Project Type: College/University  
Project Dates: 12/2002 – 10/2003  
Project Value: \$4,500,000

## List of Improvements

- ▶ Chiller replacement
- ▶ Cooling tower replacement
- ▶ Lighting system upgrades
- ▶ Water conservation measures
- ▶ Central plant boiler replacement
- ▶ Condensing units replacement
- ▶ Air conditioning system replacement
- ▶ Water line replacement

## Savings Summary

Utility	Units	Guaranteed	Average Annual Savings
Electric Consumption	kWh	2,657,596	2,981,950
Electric Demand	kW	---	---
Natural Gas	Therms	163,920	183,480
Water	kgal	7,639	9,379
	Dollars	\$300,676	\$314,291

## Project Highlights

The Kansas Facility Conservation Improvement Program (FCIP) process was used for this project. This has resulted in a substantial reduction of utility dollars that are now being redirected to fund critical infrastructure improvements.

Custom Energy brought the new boiler on-line in forty-five days, which was ahead of schedule and saved the university money by eliminating a temporary rental boiler.

The university staff worked together with Custom Energy to provide a truly holistic energy efficiency project that addressed significant facility needs in academic, administration, housing, and athletic buildings, improving the entire campus.