

# Lansing Correctional Facility

301 East Kansas Street  
Lansing, KS 66043



## Contact

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## Project Information

Project Size: 48 buildings, 716,157 sq. ft.  
Project Type: Correctional facility  
Project Dates: 01/2004 – 07/2004  
Project Value: \$3,583,697

## List of Improvements

- ▶ Lighting system upgrades
- ▶ Shower improvements
- ▶ Steam trap replacement
- ▶ Unit heater controls upgrade
- ▶ HVAC replacements
- ▶ Laundry process optimization
- ▶ Water heater replacement
- ▶ Domestic hot water system upgrades
- ▶ Energy management system upgrade
- ▶ Air conditioning condenser coil cleaning
- ▶ Kitchen exhaust hood controls installation
- ▶ Support services controls re-commissioning
- ▶ Variable frequency drives on boiler feedwater pump installation

## Savings Summary

Utility	Units	Guaranteed Savings	Average Annual Savings
Electric Consumption	kWh	2,205,715	2,205,715
Electric Demand	kW	4,115	4,115
Natural Gas	Therms	654,110	654,110
Water	kgal	18,753	18,753
	Dollars	\$373,989	\$373,989

## Project Highlights

Lansing Correctional Facility chose to partner with Custom Energy as a means of dealing effectively with the challenges presented by rising utility costs, deferred maintenance issues, and a lack of capital budget. The primary objective in implementing the Facility Conservation Improvement Program (FCIP) project was to reduce energy consumption, and consequently, the expenditures on energy and energy-related services. This is accomplished through the installation of new energy efficient equipment, systems, materials, and services. Facility improvements and the modernization of older, inefficient equipment, systems, and materials were also major goals of this partnership.