



CITY OF LAWRENCE, KANSAS

Performance Contracting

Goals and Challenges

The City of Lawrence was struggling with rising utility rates and aging equipment across its 40 buildings. With an even tighter financial outlook from the State's new tax lid, they were seeking innovative and budget neutral avenues for resolving their myriad facility challenges.

Aside from mechanical and fiscal challenges, city leadership was also reluctant to engage in a large-scale project that relinquished oversight of design, bidding, and pricing processes due to their past experiences with project delivery that had not met the City's expectations.

Solutions

For the City of Lawrence, being able to trust a company to follow through on its promises was an important component of their needs.

At Willdan, we work hard to build trust among our clients by making our entire process transparent.

For the City of Lawrence, this transparency made all the difference and allowed them to be a part of all aspects of the decision-making process.

Willdan implemented a comprehensive scope that addressed their priorities, including:

- Upgraded lighting to LEDs in 40 City buildings and all City parks
- Redesigned and replaced equipment at the City's Indoor Aquatic Center to resolve humidity challenges
- Redesigned and replaced existing boilers and chillers at several community facilities
- Installed 100kW solar PV array

Project Value



\$10,937,472

Guaranteed Annual Energy Savings



\$548,019

Energy Savings



6,027,724 kWh



14,486 kW



72,499 therms

Carbon Offset



12,622 trees

Project Payback



10.3 years



"Willdan helped us communicate our progress to citizens. They helped us create educational materials to inform our citizens about the project, what we were doing, and why. It was above and beyond our initial scope with them, but they were happy to jump in and help us share our successes with our citizens."

**- Eileen Horn,
Sustainability Director**

- Replaced windows and roofs at several City buildings
- Redesigned and replaced dozens of packaged rooftop units and split systems across numerous City facilities
- Upgraded antiquated controls City-wide

Results

- The City resolved its problems with aging infrastructure and cut years off its maintenance backlog.

Highlighted Result: The City has greatly reduced its annual energy costs by investing in energy-efficient products, including green energy such as the 100kW solar PV array on one of its fire stations.

- The people of the City of Lawrence have peace of mind that the project was installed cost effectively AND done right.



Featured Solutions

- Grid Optimization
- Energy Efficiency
- Engineering Design
- Construction Management

