

Savings for Correctional Facilities

NIPSCO ENERGY EFFICIENCY PROGRAMS FOR BUSINESSES



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Correctional facilities in the United States are sprawling complexes operating 24/7. They consume substantial amounts of energy and water and put a strain on the infrastructure of the small, rural communities where many of them are located.

Reducing the energy and water consumption of correctional facilities can bring significant economic and developmental advantages for their surrounding communities. However, due to their campus-based nature and diverse functions, these facilities require a tailored approach to achieve efficiency improvements.¹

Let NIPSCO guide your correctional facility toward sustainable energy solutions. Our tailored programs are designed to help cut costs and enhance efficiency, benefiting both your facility and the surrounding community.

¹www.energy.gov/scep/slsc/public-correctional-facilities



NIPSCO Energy Efficiency Opportunities for Correctional Facilities

Note: Often Overlooked Upgrades in Bold

- Building Envelope
- Insulation
- Energy Management Systems
- Interior Lighting Design, Fixtures and Lighting Controls
- Exterior Lighting Design and Fixtures
- **HVAC – Energy Recovery**
- HVAC – (Heating & Cooling, Ventilation, Reduction, DCV, De-stratification, Equipment and Controls)
- Water Heating (Gas-Fired, Heat Pump)
- Motor Upgrades (Fans, Pumps)
- Refrigeration
- **Data Processing Cooling Equipment**
- Office Equipment
- **Kitchen Equipment**
- Other Energy Efficient Equipment

NIPSCO's energy efficiency programs are administered by TRC, a third-party implementation specialist that helps homes and businesses save energy.

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NIPSCO
Energy Efficiency



An Indiana Correctional Facility Locks in Savings During New Construction

This project stems from the ever-growing need for updated correctional facilities in Indiana. This newly constructed facility has many security upgrades, education services and will address crime relapse.

Financial Impact:




- Total kWh Saved: **5,219,966 kWh**
- Total Incentives Earned: **\$469,796.91**
- Total Project Cost: **\$949,786.66**
- Project Cost After Incentive: **\$479,989.75**
- 1st Year ROI*: **89%**
- Payback*: **1.12 Years**

* With incentive

Upgrades included:

Energy efficient lighting installed.

Saving 5,219,966 kWh, is equal to:




-  **867.4 vehicles** removed from the road
-  **7,285.4 homes** powered for one month
-  **1,411.4 tons** of landfill CO₂ emissions eliminated

Other Projects: Various heating, ventilation and air cooling (HVAC) projects completed.

- Total kWh Saved: **250,412 kWh**
- Total Therms Saved: **284 therms**
- Total Incentives Earned: **\$27,785.32**
- Total Project Cost: **\$59,342.00**
- Project Cost After Incentive: **\$31,556.68**
- 1st Year ROI*: **90%**
- Payback*: **1.11 Years**

* With incentive

Saving 250,412 kWh and 284 therms, is equal to:

-  **42 vehicles** removed from the road
-  **352.9 homes** powered for one month
-  **68.4 tons** of landfill CO₂ emissions eliminated

State Prison Secures Energy and Money Savings

Financial Impact:

- Total kWh Saved: **314,151 kWh**
- Total Incentives Earned: **\$24,725.00**
- Total Project Cost: **\$157,281.65**
- Project Cost After Incentive: **\$132,556.65**
- 1st Year ROI*: **20%**
- Payback*: **4.93 Years**

* With incentive

Upgrades included: Replacing exterior pole lights with energy efficient fixtures.

Get Started Saving!

Now that you know more about what to upgrade, visit trcsavesenergy.com/TradeAlly/TradeAllySearch to find an experienced contractor or contact a TRC Field Engineer in your area by visiting trcsavesenergy.com/Home/ContactUs or calling TRC at **1-800-299-2501**.