

# KY Dept. Of Corrections Central, KY



- Five institutions located in Central, KY: GRCC, KCIW, BCC, NTC, & LLCC

DOC Mission: To protect the citizens of the Commonwealth and to provide a safe, secure and humane environment for staff and offenders in carrying out the mandates of the legislative and judicial processes; and, to provide opportunities for offenders to acquire skills which facilitate non-criminal behavior.

## Major Issues

- Budgetary constraints, Older building systems and Comfort problems

## Solution

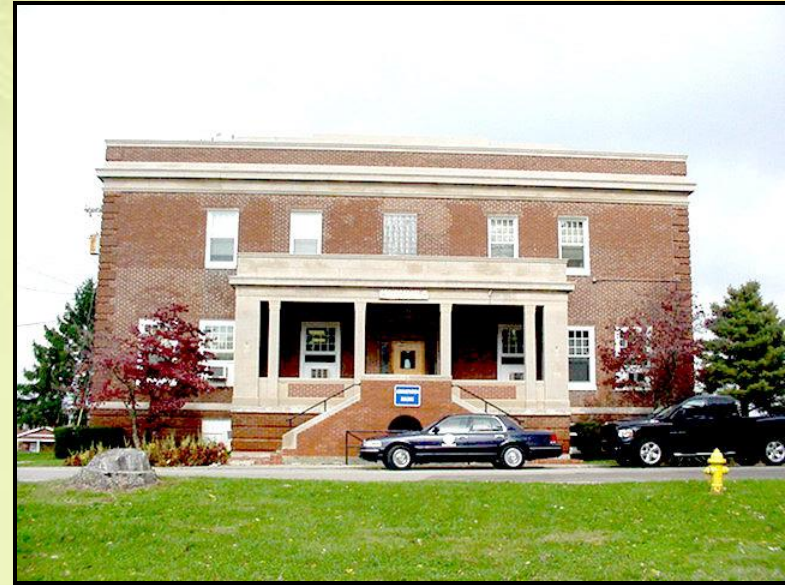
- Guaranteed Energy Savings Performance Contract
- ESCO: NORESKO.
- \$10 million contract / 14-year guarantee term
- Annual energy & operational savings \$900,000

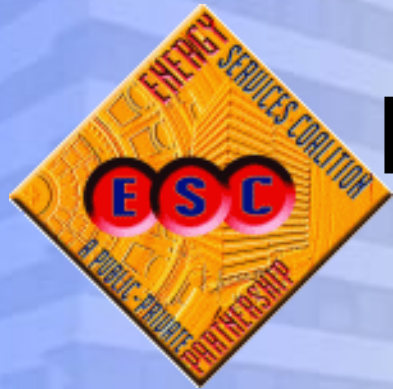




# Project Scope

- Water Conservation & Controls
- Piping Insulation Repair/Replacement
- New Building Automation
- New Hot Water, and Domestic Hot Water Boilers
- Power Factor Correction
- Energy Efficient Lighting Improvements
- Chiller & HVAC Replacement





# Environmental Overview

## Reduced Greenhouse Gas Emissions:

- 6,200 metric tons per year

## Equivalent Annual Reductions:

- Removing 1,742 cars from the road
- Preserving 2,160 acres of trees

- Contract #: CT2-785-1300000013

