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: NORESCO.
• $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