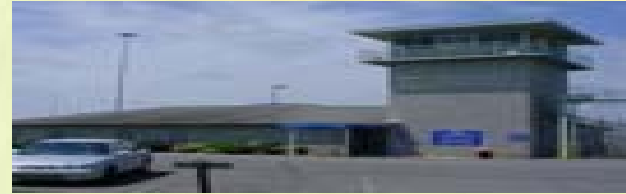


Kentucky Department of Corrections Western KY

- Kentucky State Penitentiary – Eddyville, KY
- Western Kentucky Correctional Complex - Fredonia, KY



The Western Kentucky Correctional Complex, located in Lyon County, is a 693 bed medium security facility which houses adult female inmates and includes a 200-bed minimum security unit. The minimum security inmates maintain a 2,300 acre farm and provide several community work details.

Major Issues

- Budgetary constraints
- Infrastructure failing –
 - increasing maintenance costs

Solution

- Guaranteed Energy Savings Performance Contract
- ESCO: JCI
- \$3.2 million contract / 15 year guarantee term / annual savings \$368,638

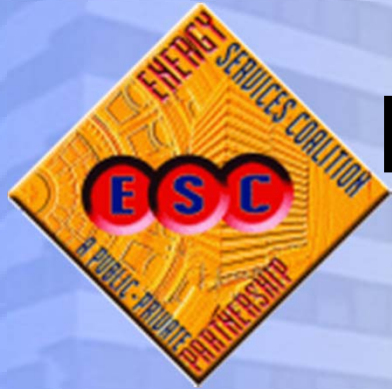


Project Scope



The Kentucky State Penitentiary, located near Eddyville in Lyon County, is the Department's oldest and only maximum security facility. This facility houses Death Row Inmates.

- Campus wide steam trap renovations at KSP
- Campus wide piping insulation upgrades at KSP
- Building envelope upgrades (window film and sealing)
- Boiler stack economizer and Controls at KSP
- Digital (DDC) control upgrades at KSP & WKCC
- Reverse Osmosis System at KSP
- Lighting upgrade at KSP & WKCC
- Chiller Replacement at KSP 5 & Cellhouses
- Ozone Laundry System at KSP



Environmental Overview

Reduced Greenhouse Gas Emissions

- 2,130.42 metric tons per year

Equivalent Reductions

- Removing 336 cars from the road each year
- Preserving 15.2 acres of trees annually

- Contract #: CT2-785-1000000184

