Kentucky Department of Corrections
Pineville, Kentucky - Sandy Hook, Kentucky - West Liberty, Kentucky

Project Background
Energy Systems Group (ESG) was selected by the Kentucky Finance and Administration Cabinet to develop a $12.6 million energy savings performance contract at three Kentucky Department of Corrections facilities: Bell County Forestry Camp (BCFC), the Eastern Kentucky Correctional Complex (EKCC) and the Little Sandy Correctional Complex (LSCC).

The project is anticipated to yield energy and operational savings of more than $15.8 million for the KY DOC, over the term of the project. The ESPC project included $4.4 million of Green Bank funding via the American Recovery and Reinvestment Act (ARRA).

Strategies & Solutions
ESG has designed and developed energy conservation and building modernization solutions that include the following:

BCFC – Pineville, Kentucky
- Lighting Improvements
- HVAC Improvements

EKCC – West Liberty, Kentucky
- Conversion of Central Plant from Coal to Natural gas fuel
- Distributed Boilers Replacing Steam-based Heat
- New Magnetic Bearing Chillers
- Additional Heating and Cooling System Upgrades
- Lighting Improvements
- Water Conservation
- Destratification Fans

LSCC - Sandy Hook, Kentucky
- Lighting Improvements
- Water Conservation
- Geothermal System Improvements
- Mechanical Improvements
- Utility Rate Change

Energy and Operational Savings over $15.8 million

ESG is an award-winning energy services company that provides its customers with innovative energy efficiency, technology, and long-term financing solutions for modernization of their facilities and energy infrastructure.

www.energysystemsgroup.com