



MCCRACKEN COUNTY FISCAL COURT

PADUCAH, KY



QUOTE

“I am very pleased with the process and how ESG kept in contact with our staff to ensure a quality result with each phase of our project. I can easily recommend ESG.”

- Hon. Robert Leeper,
County Judge
McCracken County



PROJECT SIZE

\$3.1M



PROJECT SCHEDULE

9/1/2016-1/14/2019



CONTRACT METHOD

ESPC



McCracken County Fiscal Court (MCFC) was seeking to develop new green solutions at their facilities in order to help reduce operating costs, improve facility environmental conditions and maintenance and operations, and provide better working and operating conditions – all while preserving capital funds. MCFC selected Energy Systems Group (ESG), a leading energy services provider, since ESG was able to develop a project that guarantees an optimal environment that promotes sustainability, efficiency, and livability in the community.

SOLUTION

Before undertaking the facilities improvement project, MCFC had utilized heating and cooling equipment that was not only inefficient but also near failure. These systems required constant maintenance and were incapable of maintaining desired comfort levels for staff and inmates. ESG identified a variety of solutions that offered MCFC improved working environments, professional energy management, and state-of-the-art efficient equipment upgrades. The following ECM's were installed:

- Lighting Upgrades
- Water Conservation Measures
- Kitchen Equipment Upgrades
- Mechanical Upgrades to the Jail
- Control Upgrades
- Laundry Improvements
- HVAC Upgrades at Various Facilities
- Annex Electrical Meter Consolidation
- Courthouse Exterior Door Replacement
- Air Handling Unit UV Lighting at Jail
- Courthouse Outdoor Air Unit Replacement
- Courthouse Cooling Tower Replacement

RESULTS

From this project, MCFC now has state of the art efficient equipment upgrades and green technologies that provide and sustainable and optimal environment for not only their employees but for their community as well.

This project resulted in over \$230,000 in Annual Energy and Operational Savings.