

PROJECT REFERENCE

PIKE COUNTY FISCAL COURT – KY KRS 45A.352 Energy Savings Performance Contract



“We have been looking for a long time to reduce our long-term energy costs. We dealt with two companies in the past, but neither could supply the fiscal court with the complete verification with savings and shelter for the county that Perfection could if there were to be a shortfall after the first year.”

- Wayne T. Rutherford, Judge Executive

CHALLENGES

The county was paying nearly \$600,000 annually in electric and gas, and utility costs were continually rising. Much of the aging infrastructure was costly to maintain.

SOLUTIONS

The project covered upgrades to 8 facilities including: (3) Courthouses, the Hall of Justice, multiple Community Centers, a Fire Department, the Animal Shelter, the Road Garage, and various street lighting. Energy conservation measures that were incorporated consisted of the following:

- ▶ Lighting retrofits and occupancy sensors
- ▶ Replacement of Cooling Tower, Boiler, Domestic Hot Water Boiler, various Split Systems
- ▶ Retro-commission existing HVAC systems
- ▶ Centralized building automation system
- ▶ Vending-mizer controls

PROJECT SUMMARY

LOCATION: Pikeville, KY

PROJECT COST: \$1,300,000

ANNUAL GUARANTEED SAVINGS: \$65,000

ANNUAL OPERATIONAL SAVINGS: \$16,442

TOTAL PROGRAM SAVINGS: \$2,264,136

OTHER BENEFITS: The Main Courthouse was awarded the ENERGY STAR AWARD. Year one savings were more than double after the first Measurement & Verification.

Project Completed: 2013