

# PROJECT REFERENCE

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



“We had to do something to fix our HVAC at the Regional Jail. Perfection provided the best way of getting that done with a paid from savings approach.”

- Ann Melton, County Judge Executive

### CHALLENGES

Adair County, located in the heart of south central Kentucky, was looking for a way to fix the lingering HVAC and water issues at the Regional Jail. The mechanical equipment was aged and failing, causing many headaches for the jail staff. It was costing the tax payers serious dollars to keep repairing old outdated HVAC equipment.

### SOLUTIONS

This project updated all the mechanical and electrical equipment in the Regional Jail. This solution provided Adair County a means to get much needed work done with no increase to the local tax payers. This paid from savings approach will save Adair County thousands of dollars over the next 10 years, allowing them to use the capital dollars on other needed projects throughout the county.

- ▶ New vending machine controls.
- ▶ New HVAC equipment including: Boiler, Condensing Unit, Air Handler and VAV's, Control HVAC.
- ▶ New Building Automation System.
- ▶ New low flush technology on all combination units.
- ▶ New low usage showers and controls.
- ▶ New interior and exterior lighting.

## PROJECT SUMMARY

**LOCATION:** Columbia, Kentucky

**PROJECT COST:** \$457,000

**ANNUAL GUARANTEED SAVINGS:** \$8,360  
**ANNUAL OPERATIONAL SAVINGS:** \$4,300  
**TOTAL PROGRAM SAVINGS:** \$360,433

**OTHER BENEFITS:** \$2,119 in rebates from Kentucky Utilities. Awarded \$100,000 in Energy Efficiency and Conservation Grants by the DLG.

**Project Completed:** 2014