

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



CHALLENGES

After being approached by Jessamine County to help them save money, Perfection Group performed an energy analysis and determined that the county had multiple savings opportunities due to the aging infrastructure in many of their facilities. Also, the traffic outside the courtroom made the windows rattle so bad that it was difficult to conduct court meetings.

SOLUTIONS

The project covered upgrades to 6 facilities. Energy conservation measures that were incorporated consisted of the following:

- ▶ Lighting retrofits and occupancy sensors
- ▶ New windows at the Courthouse
- ▶ Retro-commission existing HVAC systems
- ▶ Building automation at the Courthouse and Detention Center
- ▶ Water conservation at the Detention Center
- ▶ Replacement of boiler and chiller at the Courthouse



“Part of the project’s positive cash flow savings can be used for additional energy savings improvements or other County projects, allowing us to continue to reap the benefits indefinitely.”

- William Neal Cassity, Judge Executive

PROJECT SUMMARY

LOCATION: Nicholasville, Kentucky

PROJECT COST: \$799,788

ANNUAL GUARANTEED SAVINGS: \$53,000

ANNUAL OPERATIONAL SAVINGS: \$11,466

TOTAL PROGRAM SAVINGS: \$1,290,464

OTHER BENEFITS: The Courthouse received an Energy Star award. Also 104% of guaranteed energy savings were achieved.

Project Completed: 2011