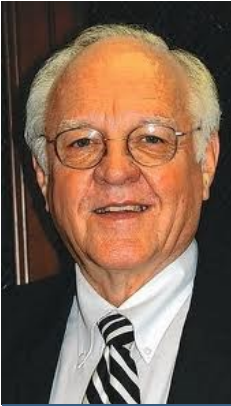


## PIKE COUNTY FISCAL COURT

146 Main St.  
Pikeville, KY 41501



“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

**Project Type:** Energy Savings Performance Contract  
**Annual Savings:** \$65,768 in **Guaranteed** Energy Savings  
\$16,442 in Operational Savings  
**Environmental Impact:** Reduction of over 1 million lbs of CO<sub>2</sub> emissions  
**Other Benefits:** \$40,000 in rebates from AEP  
Refinanced existing debt on Hall of Justice for savings of \$600,00



**BACKGROUND:** Located in the Appalachian Mountains of Eastern Kentucky, Pike County is known as “America’s Energy Capital” due to the abundance of natural resources. With the reduction in coal production and coal severance tax dollars the county was looking for ways to offset the financial impact to the community.

**CHALLENGES:** The county was paying nearly \$500,000 annually in electric and gas, and utility costs were continually rising. Much of the aging infrastructure was costly to maintain.

**SOLUTION:** 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

