



# WARREN COUNTY FISCAL COURT

BOWLING GREEN, KY



## SAFETY RECORD

ZERO Recordable Events



## PROJECT SIZE

42 County Buildings

\$7M



## PROJECT SCHEDULE

10/26/2018-6/25/2021



## CONTRACT METHOD

ESPC



## SAVINGS INFORMATION

Over \$6.4M in Energy and Operational Savings over the 18-year contract term



Warren County Fiscal Court was seeking to improve their mechanical, controls, and lighting systems and find a solution that would reduce the energy usage and operating costs of the systems. Warren County Fiscal Court selected Energy Systems Group to design and implement a comprehensive scope of energy efficiency and infrastructure improvements amongst their 42 county buildings.

## SOLUTION

The following technologies were installed:

- Heating, ventilation and air-conditioning (HVAC) Upgrades
- New variable refrigerant flow HVAC system
- Electrical system upgrades
- Major mechanical, system controls, and life-safety upgrades
- Light-emitting diode (LED) upgrades
- LED sports lighting and controls
- Water conservation measures

Water savings measures and modifications to the utility rate structure will add additional savings to the project. The County also anticipates benefits from additional rebates and utility incentives.

## SERVICE QUALITY

“Our county is in the midst of significant economic investment, and we project continued population growth, so facility upgrades and improvements are an important component of improving our assets and will help Warren County become a more sustainable community.”

- Mike Buchanon, Warren County Judge-Executive

## RESULTS

From this project Warren County Fiscal Court now has updated green technologies installed that will improve the efficiency of their buildings.

**The project will result in approximately \$6.4 million of energy, water, sewer, and operational cost savings over the 18-year term of the contract.**