

Siemens Energy Conservation



Project Description:

This project began in October 2016 when Montgomery County partnered with Siemens Industry, Inc. to complete a large scale lighting retro-fit and upgrade of the HVAC system to the Montgomery County Historic Courthouse, Courts Center, Jail, Health Department and Veterans Plaza property unit. Over 23,000 lights and fixtures were retro-fitted to LED bulbs, three chillers and four boilers were replaced with more efficient units, two 500-gallon hot water storage tanks were replaced, four cooling towers were refurbished, and the HVAC automation and variable frequency drive (VFD) systems were upgraded to increase efficiency at multiple locations. An ozone laundry treatment system for the jail was installed along with upgrades of over 600 toilets at various facilities with low flush components. This project was awarded the 2018 Governor's Environmental Stewardship Award in the Energy and Renewable Resources Category. This project was completed in the fall of 2017 with expected & guaranteed cost savings of over \$6 million over 15 years.



Design Team:
Siemens Industry, Inc. &
Montgomery County

Contractor Team:
Siemens Industry, Inc.

Total Project Cost:
\$5,097,171.50

Completion Date:
September 2017



Jim Durrett
County Mayor

Nick Powell, P.E.
County Engineer

Siemens Energy Conservation



Jim Durrett
County Mayor

Nick Powell, P.E.
County Engineer