



Efficiency Takes Center Stage in Dublin Schools

Unique energy usage creates savings opportunities

Comprised of 20 school buildings, the Dublin City School District consumes electricity like a university or small Ohio town.

But with high energy consumption comes opportunities for big savings, and the district has made the most of them in conjunction with AEP Ohio's Business Incentives Program. It has replaced inefficient lights and steam boilers, installed a multitude of controls (lighting, HVAC, vending, etc.), implemented a district-wide energy management system and much more.

"It takes a lot of planning, people and communication to pull all of this off," said Jeffery Krouse, HVAC/Maintenance Supervisor for Dublin Schools.

Krouse said the installation was handled with his in-house team. The most recent energy efficiency installation can be found in the stage area at two of the district's cultural arts centers, where quartz and high-pressure sodium house lights were replaced with dimmable LEDs.

"And we're not done. We're always on the lookout for more ways to save energy," adds Krouse.

That kind of energy-efficient attitude deserves a standing ovation!

"We're always on the lookout for more ways to save energy."

— Jeffery Krouse
HVAC/Maintenance Supervisor
Dublin City School District

Project brief:

Upgrades:

- Lighting retrofits
- Motors & pumps
- HVAC controls
- Variable Frequency Drives
- Energy management systems
- Vending controls

Annual energy savings:

\$321,741

Incentives paid:

\$349,960

Note: The annual energy savings are calculated using an electric rate of \$0.08 per kilowatt hour (kWh).



The LED lights at the Dublin Scioto High School Cultural Arts Center give an outstanding energy performance



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