



Eastern Local Schools Win with Efficiency

District scores energy savings with upgrades

Eastern Local School District recognized an opportunity to become more energy efficient in the Pike County building that houses its students, teachers, staff and school board members.

Taking advantage of Ohio's Energy Conservation Program (H.B. 264) and AEP Ohio's Efficient Products for Business Program, the district replaced outdated lighting, added lighting and HVAC sensors, and put in Variable Frequency HVAC Drives (VFDs). "H.B. 264 offered us a loan mechanism for financing," explained Rodney Schilling, treasurer of the Eastern Local School District. "And our contractor knew all about the AEP Ohio program, which had incredible incentives for our district to follow through on the project."

The district engaged Heating, Electrical, Air Conditioning and Temperature (H.E.A.T.) Controls as the contractor for the project. "We did an assessment of the building and found several things that we could replace or upgrade to save the school district money in the long run," said H.E.A.T.'s project manager Mark Rubcich.

And the upgrades are definitely paying off—to the tune of several thousand dollars in electric savings each month.

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— Rodney Schilling
Treasurer
Eastern Local School District

Project brief:

Upgrades:

- Prescriptive lighting
- HVAC sensors
- Variable frequency drives

Annual energy savings:

\$60,994

Incentives paid:

\$67,136

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



Eastern Local's lighting upgrades create a brighter, cleaner look for the facilities