



## Continental Local Aces Efficiency

### Smart upgrades for the data center, lighting and heating

Continental Local Schools in northwest Ohio has worked with AEP Ohio on efficiency projects throughout the school system.

"Thanks to AEP Ohio's Energy Efficiency Programs, we're able to divert energy dollars toward educating our students," said Continental Superintendent Danny Kissell.

Continental's first project was through the Data Center Program. Data centers must be kept cool, and Continental had used a massive centralized chiller that had to run constantly—even when the building was unoccupied during the evening or on weekends.

AEP Ohio recommended the installation of a dedicated cooling unit sized for the 1,200 sq. ft. data center, with 50 percent of the cost covered through a program incentive. The new unit dramatically lowered the school's operating costs.

That efficiency success inspired other projects, including LED upgrades and high efficiency heating units in the elementary building, and an LED installation in the school auditorium.

"Our students are more comfortable and can see better," said Kissell, "and the savings we're seeing help us do more with less."

***"We're able to divert energy dollars toward educating our students."***

— Danny Kissell  
Superintendent  
Continental Local Schools

### Project brief:

#### Upgrade:

- Dedicated Data Center Cooling Unit
- LED lighting at elementary school and auditorium
- High efficiency heating unit at elementary school

#### Annual energy savings:

\$33,019

#### Incentives paid:

\$43,637

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



*Continental's efficient new cooling unit keeps temperatures constant in the data center*



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