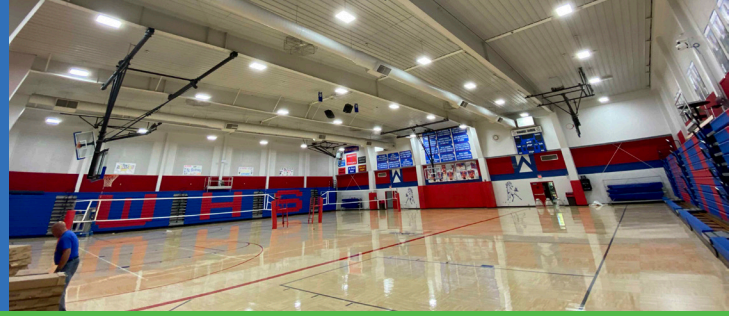


Wabaunsee USD #329

Energy-Efficiency Improvements
Alma, Kansas



QUICK FACTS

- Completion:** 2022
- Total Square Feet:** 167,000
- Number of Buildings:** 5
- Total Project Cost:** \$429,500
- Annual Savings:** \$48,700
- Utility Savings:** 20%

ENERGY CONSERVATION MEASURES

- indoor air quality
- LED lighting
- building envelope/
weatherization
- recommissioning
- retro-commissioning
- HVAC replacements
- energy conservation training

“ESP was the one company that provided us everything we needed to address our MUCH-needed energy updates. All while ‘paying for itself!’”

- Brad Starnes, Superintendent
Wabaunsee USD 329

BACKGROUND

Wabaunsee USD 329 is a Kansas unified school district located in Alma, KS. District facilities include Alma Elementary School, Maple Hill Elementary, Paxico Middle School, Wabaunsee Junior High, and Wabaunsee High School.

CHALLENGE

Wabaunsee consulted with multiple ESCO’s before ultimately selecting ESP as their partner. ESP’s team began by conducting a detailed analysis of the district’s needs and energy-saving opportunities. Complicating matters was the fact that the district was simultaneously looking to pass a bond issue. Working together, ESP and the district considered many possible combinations of projects that balanced the potential bond projects with energy-saving efforts.

SOLUTION

The district ultimately selected a group of improvements that addressed their immediate needs. The project included indoor air quality (IAQ) improvements, new LED lighting, sealing air leaks around doors, recommissioning of some HVAC units to extend their life, roof-top unit replacements, and energy conservation training.

BENEFITS

The upgrades greatly improved lighting, comfort and air quality in the classrooms. By implementing the energy-saving improvements, the district was able to cut utility bills by 20%.