



VILONIA SCHOOL DISTRICT

VILONIA, AR



QUOTE

“ESG’s commitment to excellence was evident at every turn. It is without hesitation that I recommend ESG.”

- Dr. David Stephens, Vilonia School District Superintendent, Retired



PROJECT SIZE

6 campuses, 575,000 sq. ft.

\$3.2M



PROJECT SCHEDULE

5/1/2020-3/29/2021



CONTRACT METHOD

Energy Savings Contracting



SAVINGS INFORMATION

Energy and operational savings over \$6.1M



The Vilonia School District, located in central Arkansas, serves approximately 3,200 students. The district had limited resources for facility upgrades. By partnering with ESG, Vilonia SD was able to improve their facilities without having to invest significant capital. The district saw this as an opportunity to make substantial improvements that would directly impact student achievement.

SOLUTION

- Lighting Upgrades
 - LED lighting improvements were carried out at a dozen facilities including the Frank Mitchell Intermediate School, Vilonia Freshman Academy, Vilonia High School, Vilonia Middle School, Vilonia Elementary School, and Vilonia Primary School.
- HVAC Upgrades
 - 76 HVAC units replaced across the high school, primary school, elementary school, and Freshman Academy
- Building Envelope Improvements
 - Installed new door seals, caulked windows and sealed walls to prevent energy loss
- Controls Upgrades
 - Upgraded the district-wide building automation and control system with a wireless mesh web-based operating system to control existing and new HVAC equipment, providing optimum energy efficiency
- Water Conservation Improvements
 - Installed new, efficient fixtures at seven facilities
- Destratification Improvements
 - New destratification fans with Smart Triac controllers installed to improve consistent air circulation in the school district’s high-ceiling buildings, which are its seven gymnasiums

RESULTS

This project created a more resilient campus by funding critical infrastructure upgrades while reducing maintenance costs. The guaranteed annual savings allowed this project to be budget-neutral.

This project has resulted in over \$6.1 million in energy and operational savings.