

Case study

Anderson School District Five

Anderson, South Carolina



Anderson School District improves learning environment through \$7.7 million in energy savings

Anderson School District Five is an urban district made up of 17 schools, serving 10,700 students and 1,300 faculty and support staff. Located in the northwestern corner of the state, the district measures 112 square miles with facilities encompassing 1.9 million square feet.

Challenges

- Improve classroom comfort, air quality, and lighting.
- Address environmental mandates on mechanical systems.
- Fund the facility renovations without taxpayer burden.
- Increase the safety and security of all Anderson District Five students and staff.

Solutions

- Install a Metasys® Building Automation System to control the heating, ventilating, and air conditioning (HVAC) systems of all 17 district schools.
- Replace aging boilers, chillers, cooling towers, and water heaters.
- Enter into a 12-year, \$3.9 million Performance Contract to finance the improvements through guaranteed energy savings.
- Install automated security and fire alarm systems throughout the district.

Results

- Created a comfortable, productive learning environment for both students and teachers. The centralized HVAC monitoring and troubleshooting capabilities of Metasys have improved operations and reduced downtime.
- Enabled the district to complete the improvements without increasing taxes. The annual savings is over \$560,000.
- Produced a more secure learning environment.