

DETAILS >>

Both the local high school and middle school are housed in Valders, Wisconsin's 265,000 square foot school building. The school's maintenance team became aware that a number of the building's heating and cooling units were actually heating and cooling at the same time. A performance audit revealed that this was, indeed, true. The School District also learned that its energy costs were much higher than similarly sized Wisconsin schools.

CHALLENGES >>

"We learned that our system had no interlocks," says Richard Vetting, Director of Buildings and Grounds at Valders Area School District. "Our units were heating and cooling at the same time. It was extremely inefficient." Spiraling energy costs demanded a fast solution. "Unfortunately, we knew that our current supplier lacked the personnel to effectively solve the problem."

SOLUTIONS >>

Vetting turned to ESI for a solution. ESI recommissioned and reprogrammed the School District's HVAC system. "They found ways to reprogram the system so that the units were working properly and efficiently," Vetting says. "They added interlocks and an economizer to make more effective use of the fresh air from outside and to keep the inside temperature appropriately regulated."

Vetting also noted, "ESI makes sure we have up-to-date software versions, too. Our previous supplier was three or four versions behind the times." That means easier to use, more productive systems for the District.

"Cost savings have already been substantial," Vetting says. "The savings from one year to this one have been about \$60,000. In January alone, we saw a savings of almost \$7,000."

"ESI is energy efficiency wise...After its programmers recommissioned our system, our savings over the previous year was about \$60,000."

RICHARD VETTING – Director of Buildings & Grounds, Valders Area School District



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RICHARD VETTING

ADDED ADVANTAGES >>

Working with the School District's team, ESI helped them acquire funding for the recommissioning through Wisconsin's Focus on Energy program. "The energy savings combined with the money from the state-funded program easily justified the investment," according to Vetting.

The School District is so pleased with ESI's results that they've already signed with them for another year. "They're a very talented and knowledgeable bunch of individuals," Vetting says. "ESI is energy efficiency wise. And they're providing the ongoing level of support we need."

In addition to reduced costs and improved energy efficiency, ESI has helped the Valders Area School District achieve additional benefits, including:

- Improved comfort levels
- Fast service response through remote access and control
- A more user-friendly system
- Confidence that any problem will be dealt with quickly and accurately
- A partner that can be relied on for a range of expertise

>>From innovative designs and installation to comprehensive management and support, ESI provides integrated, performance-building solutions that generate success stories. Contact us to find out how we can help you improve your building performance.