

Coldwater Community Schools

Energy Project

Coldwater, MI



LED Lighting



HVAC Replacement



Building Automation



Data/Analytics Monitoring



Contract Amount:
\$3,294,000

1st Year Projected Energy
& Operations Savings: Up
to \$102K

Projected Energy &
Operations Savings Over
15 Years: Up to \$2M

Anticipated Completion
Year: 2023



PROJECT OVERVIEW

Coldwater Community Schools has partnered with Veregy to complete an energy project at Coldwater High School and Max Larsen Elementary School. During a walkthrough of the high school, Veregy detected high levels of CO2 in classrooms which prompted the district to act quickly to improve their HVAC systems and enhance learning environments for students. HVAC controls replacement at the high school, integrations with facility management system at the high school, and LED lighting retrofit at both buildings will also improve energy and operational efficiency. The District utilized TIPS, a purchasing co-operative that Veregy has been thoroughly vetted by, to streamline and expedite the procurement process.

PROJECT HIGHLIGHTS

- Replace the existing boilers and domestic water heater with (2) new higher efficiency hot water boilers and new domestic water heater at the high school
- Install new building automation system and replace existing pneumatic controls with direct digital controls (DDC) on all central pieces of HVAC equipment at the high school
- Integrate new building automation system with computerized maintenance management system (CMMS) to streamline work order management and scheduling at the high school
- Provide user-friendly interface for utility bill monitoring and analytics (EnergyTracer)
- Upgrade to LED lighting at both buildings
- Provide lighting controls in select areas (dimmers, occupancy sensors) at both buildings

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