

Crestwood School District Building and Energy Solutions

This project encompassed district-wide upgrades for Crestwood schools in Dearborn Heights, MI, including a high school, a middle school, three elementary schools, and a bus garage.

The Crestwood School District had boilers that were more than 30-years-old and needed to be replaced. As a result, the comfort and quality of learning for students, faculty, and staff was being adversely affected. However, the school system had no way to fund the necessary replacements.

So ABM designed a three-month project that provided new energy-efficient boilers and pumps, energy-efficient lighting, and multiple-system re-commissionings. With these new Building and Energy Solutions (BES) upgrades – along with new controls, vents, drives, and lighting – Crestwood saved \$232,000 annually, and will total \$4.7 million in **escalated** savings over the next 15 years. With payments spread over that time and no new costs, the project is funded completely from the existing operating and utility budget.



CHALLENGE

- 30-year-old boilers in need of replacement
- Diminishing levels of comfort and quality in multiple school buildings
- Lack of resources to fund repairs

SOLUTION

- Proactive, professional HVAC preventive maintenance
- Upgraded equipment and project expertise utilizing ABM's Building and Energy Solutions (BES) approach
- Energy-efficient boilers, pumps, and lighting; new controls, vents, and drives; multiple-system re-commissionings

BENEFITS

- Crestwood School District saves \$232,000 annually in operating costs
- Total **escalated** savings projected at \$4.7 million over 15-year span
- Payments made from current budget with no additional costs

“The program ABM tailored to fit our needs allowed us to make significant upgrades to our facilities,” said Crestwood Superintendent Dr. Laurine Van Valkenburg. “And they did this without adding any additional burden to an already tight budget.”

ABM Building Solutions
1775 Crooks Rd., Suite B
Troy, MI 48084
248.334.4444
abm.com



©2016 ABM Industries Inc.
Confidential & Proprietary
Information.
All rights reserved.
ABM-02111-0216