

Cambridge SD Energy Improvements

School District of Cambridge | CAMBRIDGE, WISCONSIN

LOCATION

Cambridge, Wisconsin

DELIVERY METHOD

Design/Build

PROJECT SIZE

3 Buildings
327,000 SF

PROJECT COST

\$1,619,935

PROJECT DATES

1/2021 – 9/2021

REBATES/INCENTIVES

Estimated \$120,400 in utility incentives

ANNUAL GUARANTEED SAVINGS

\$88,000 in energy and operational savings

CONTACTS

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SERVICES PROVIDED

- Design/Engineering
- Construction/Construction Management
- Project Management
- Commissioning
- Measurement and Verification



PROJECT OVERVIEW

McKinstry implemented energy efficiency and facility improvement measures at all three District buildings. This project involved a multitude of varying design characteristics to maximize energy savings and minimize on-going maintenance. Efficiency improvements included a roof-mount solar PV system installation on the elementary school totaling 192 kW-dc, LED interior and exterior lighting upgrades, building envelope improvements, vending miser upgrades, and motor replacements with variable frequency drives (VFDs).

To further enhance the District's sustainability focus, energy resource conservation programs were put in place to help communicate, train, and encourage staff, students, and the community on the benefits of energy efficiency.

In addition to substantial energy cost savings, McKinstry proactively assisted the District with receiving more than \$120,000 in financial incentives/grants offered through Focus on Energy's Renewable Energy Competitive Incentive and Business Incentive Programs. The combination of these incentives/grants and annual energy savings will help the project pay for itself in just under 15 years.

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SYSTEMS INSTALLED

- Solar PV system installation
- LED interior and exterior lighting upgrades
- Building envelope improvements
- Vending miser upgrades
- VFDs and energy efficient pumps

