



MARLBORO CENTRAL SCHOOL DISTRICT

MARLBORO, NY



SAFETY RECORD

ZERO Recordable Events



PROJECT SIZE

345,823 sq. ft.

3 buildings

\$7.5M



PROJECT SCHEDULE

12/1/20-WIP

Scheduled to Close by 12/31/23



CONTRACT METHOD

ESPC



SAVINGS INFORMATION

Savings over \$9.3M over the 18-year contract term



Marlboro Central School District (MCS D) is located in Milton, NY in Ulster County, along the Hudson River and amidst the scenic Catskill Mountains of New York State. The district serves over 1,900 students in grades K-12 with a student-teacher ratio of 13 to 1. The district is comprised of one elementary school; one middle school; one high school. MCS D was looking to upgrade infrastructure throughout the district and provide a more comfortable and efficient learning environment for the students and staff of MCS D.

SOLUTION

The project team's services included engineering, design, project management, and guaranteed energy savings. ESG and Marlboro Central School District worked collaboratively to develop an Energy Performance Contract Program (EPC) for their buildings. The project was funded through a 15-year Tax Exempt Lease Purchase. The engineering and design meetings were a joint effort and allowed the District to gain full understanding of what plans were being developed for their buildings. The team worked alongside CS Arch and their capital project to achieve maximize synergies of the project. The energy savings utilized in this project are helping a School District achieve their long awaited infrastructure needs and goals.

- LED lighting Upgrades
- Split AC Unit Replacements
- Refurbishment of RTUs and Coils
- Retro-Commissioning & Preventative Maintenance
- Building Envelope Upgrades
- Walk-in Box Control Upgrades
- Solar PV Installation - Ground Mount
- Ceiling UV
- HVAC Insulation
- Window Film
- BMS Optimization
- BERTS plug load controllers

RESULTS

MCS D will save over \$500K every year from the updated energy efficient infrastructure installed throughout the district. This project's infrastructure will not only serve students now but will provide a more comfortable and sustainable learning environment for years to come.