

CUSTOMER SUCCESS STORY



Chambersburg Area School District

The Opportunity

Nestled in the heart of Cumberland Valley, the Chambersburg Area School District ranks as one of the top 25 largest districts in Pennsylvania. With approximately 9,000 students, and more than 20 district facilities, including 17 schools, Chambersburg wanted to make schools safer, more engaging and relevant for students. Thinking big about using energy as a foundation, the District sought to use energy savings to help fund their campus modernizations.

The Partnership

Starting in 2000, Chambersburg entered into a seven phase program partnership with OPTERRA Energy Services to address energy performance needs that would in turn redirect savings to improve the learning environment. The program included water saving technologies and updated video monitoring systems.



PROGRAM HIGHLIGHTS

- Nearly \$4MM in net savings over the life of the program
- Transformed the learning environment across aging campus facilities
- Provided training, energy monitoring and verification support for District staff



SOLUTIONS

- Energy management system
- New chillers, boilers, unit ventilators, air handling units, water pumps, ceiling and rooftop unit
- Upgraded and repaired HVAC controls
- Water conservation measures
- Lighting retrofit

Supporting People

This project exemplifies a collaborative effort between OPTERRA and Chambersburg Area School District to make schools safer and more efficient. The energy savings made it possible to improve key facilities across the District, such as computer labs and athletic event centers, providing more modernized and engaging spaces for the students.



Saving Money

The energy program saved \$380,000 a year for the District over the life of seven phases of work, resulting in nearly \$4 million in net savings over the long-term.

Protecting the Environment

The multifaceted scope of the project will lead to large energy savings that will further benefit the District and the environment.

