

Eastpointe Community Schools
Eastpointe, MI
*Leveraging Savings to Fund
Capital Needs*

Summary

Eastpointe Community Schools is in Macomb County, Michigan with 6 main school buildings. Like many Districts, Eastpointe Community Schools was facing budget challenges and aging infrastructure. The administration leveraged the performance contract process to be able to make needed improvements. The District had many needs, working together with Siemens, the District selected the right mix of the most critical and efficient improvements so this project was able to be paid completely from savings. This project is a great example of a District being fiscally responsible to their community and taxpayers while providing an improved learning environment for their students.

Client Objectives

- Reduce Energy Costs
- Decrease Operational Risk
- Improve Student Comfort
- Upgrade Infrastructure
- Find Funding for Upgrades
- Create Path for Future Voted Funding Referendum

Siemens Solution

Siemens provided turnkey design, engineering and construction services to help the District address critical infrastructure improvements through a Guaranteed Performance-based Solution.

Project Information

- Total Contract Cost - \$2.4 M
- Type of Contract - Guaranteed Energy Savings
- Length of Contract - 15 Year Financed Term
- Total Guaranteed Savings - \$191,138 Year 1
- Project Year - 2019
- Project Status - Implementation

Project Scope

- Interior Lighting Retrofit
- Lighting Controls
- Exterior Lighting Retrofit
- New Building Automation System
- Water Efficiency
- Unit Ventilator Recommissioning
- Valves / Steam Traps

Client Results

- Reduce Energy Costs - Saving over \$191,000 annually
- Decrease Operational Risk - Replacing equipment before failure
- Improve Student Comfort - Adding better comfort control
- Upgrade Infrastructure - Providing better learning environment
- Find Funding for Upgrades - Self-funded \$2.4 Million improvements without tax increase
- Create Path for Future Voted Funding Referendum - Showed good fiscal management by using savings first



Environmental Impact:

Project Will Save:

1,182,167 kWh
of Electricity

And..

4,173 MCF of
Natural Gas

Which is
equivalent
to..

1,066 Metric
Tons of Carbon
Dioxide

The Environmental Protection Agency's Greenhouse Gas Equivalences Calculator shows the annual environmental benefit from this reduction is equal to one of the following impacts:

Greenhouse Gas Emissions From



Carbon Sequestered By



CO2 Emissions From



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