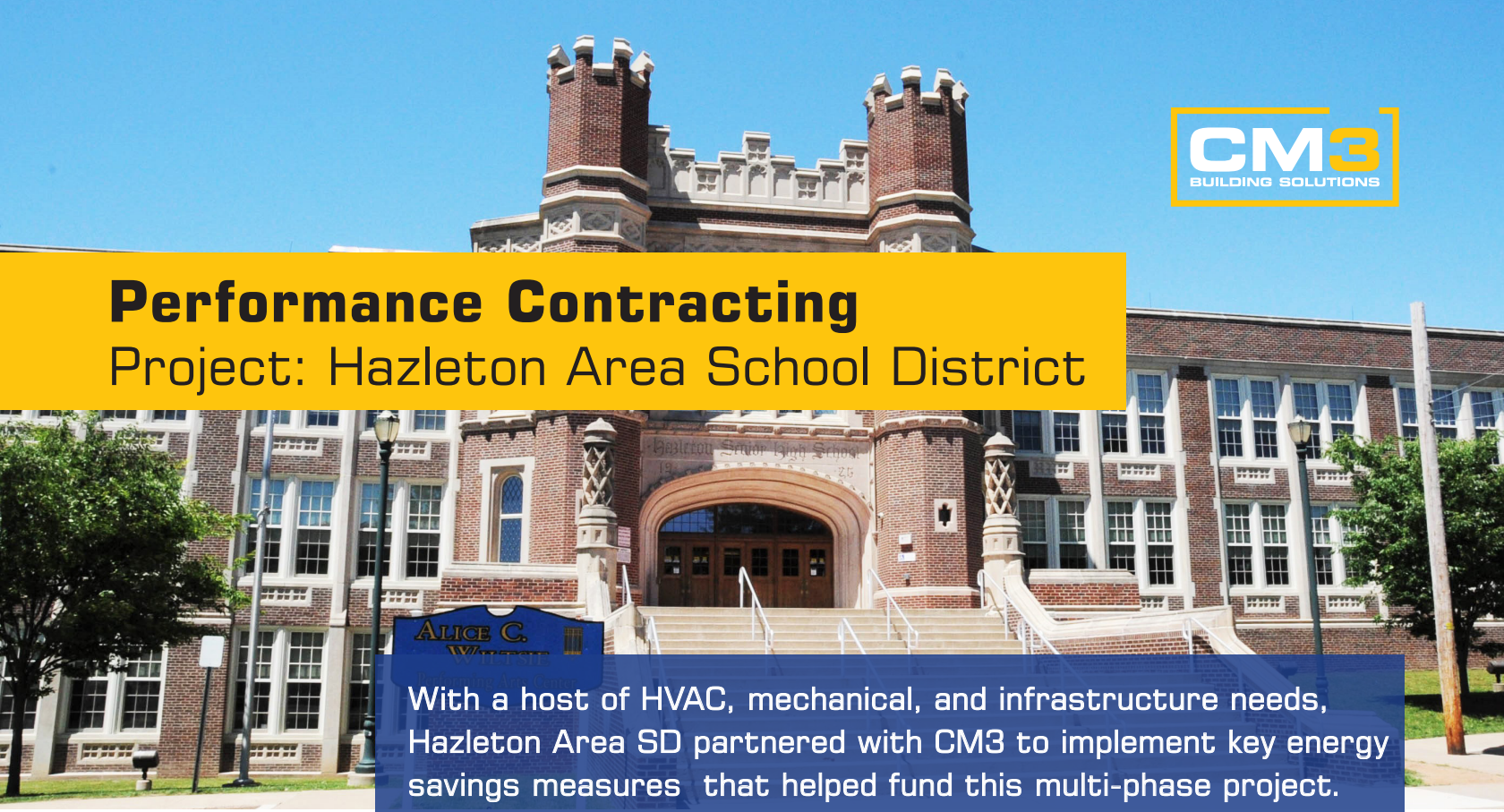


# Performance Contracting

## Project: Hazleton Area School District



With a host of HVAC, mechanical, and infrastructure needs, Hazleton Area SD partnered with CM3 to implement key energy savings measures that helped fund this multi-phase project.

### Background

Hazleton Area School District is a large district, serving more than 11,000 students and stretching across Luzerne, Schuylkill, and Carbon Counties in Northeastern Pennsylvania.

To address various capital needs, the district leveraged a consultant-administered RFP process, for which they received proposal responses from five ESCOs.

Given the extent of the needed upgrades, the school district anticipated a multi-phase approach with savings from the first phase funding the first phase project in its entirety.

### Results

Energy savings and replacement needs were prioritized into Priority 1 and Priority 2 ECMs (Energy Conservation Measures). This enabled district leaders to determine which measures to implement immediately while providing a blueprint for future phases that could eventually address all mechanical replacements and upgrades.

The priority 1 ECMs identified for positive payback were:

- » LED Lighting Upgrades
- » Building Automation Controls
- » Commissioning
- » Building Automation Software Upgrades

Ultimately, Hazleton partnered with CM3 to complete a two-phase, \$16 million GESA project of which phase 1 was completely funded from savings and phase 2 was largely funded from savings.

### Project Overview

**Cost:** \$16 Million

**Financing:** Municipal Lease/Purchase

**Savings:** \$670,000/YR

**Contract Terms:** 15 Years

### Performance Contract Benefits

- » A guaranteed level of performance from the chosen partner
- » Single-point accountability for the entire project
- » No referendum required
- » No change orders
- » An accelerated timeline for facility improvement
- » Minimal disruption to building schedules
- » Greater oversight regarding scope of renovations
- » Better control over final cost of the project
- » Enhanced management of renovation timeline
- » Greater flexibility on product selection

ECM Priority 1

ECM Priority 2

School

ECM Description

School

ECM Description



Multiple RTU Replacement  
Classroom Unit Vent RCx  
Temperature Control Upgrades  
Domestic HW Heaters Replacement  
Boiler Replacements / Roof Restoration



Chiller Replacement  
Admin Bld. AHU Replacement  
Career Center AHU Replacement  
Temperature Control Upgrade  
Admin Bld. VAV Replacement



Gym/Stage/Cafeteria HVAC Upgrade  
Classroom Unit Vent RCx  
HW/CW Pump Replacements  
Temp Controls RCx  
Roof Restoration



Boiler Replacement  
Gym/Cafeteria AHU Replacement  
Temp Controls Replacement  
Classroom Unit Vent RCx



Boiler Replacement  
RTU Replacements  
Classroom Unit Vent RCx



Boiler Replacement  
Temperature Control Updates  
Room Restoration



Library AHU Replacement  
Classroom Unit Vent RCX



Chiller Replacement  
Domestic HW Heaters Replacement



Library AHU Replacement  
Classroom Unit Vent RCX



Chiller Replacement



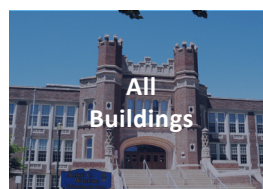
Boiler Replacement



HW Pumps RCx



Roof Restoration



Indoor and Outdoor Lighting Upgrades  
Building Envelope Improvements  
HVAC Control Software Training