# **Lancaster City Schools**

#### **Client Profile:**

Lancaster City Schools is located in Central Ohio, and serves the families of the City of Lancaster. Their mission is Lancaster City Schools - the Place to Be for Learning, Caring, Succeeding. Lancaster HS, one of 11 schools in the district, is one of only a handful of comprehensive high schools in Ohio, meaning they offer vocational/career -technical education as part of our high school curriculum.



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#### **Client Challenges:**

Decreasing funding for capital improvements Lack of building control throughout the district Rising operational costs as building aged Failing HVAC Equipment



Lancaster HS

#### **Strategic Plan:**

Implement a HB264 program that would mostly affect the HS & two JrHS's and would blend well with the New Elementary Building Project by the OFCC. The project began in March 2013 and has yielded savings greater than expected.

# **Project Scope and Results**

## Project Scope:

- Centralized District Automation System
- Interior & Exterior Lighting Upgrades
- Occupancy Sensors Throughout
- Vending Machine Optimizers
- New Boilers in 4 Bldgs
  New High-E Domestic Boilers 3 Bldgs
  New Kitchen Dishwashers 3 Bldgs
- New Security Camera & Access System
- Variable Speed Drives
- Refurbish AHU's

Guaranteed Annual Savings: \$213,709

### Results:

- Improved learning environment
- 8% reduction in maintenance costs
- 12% increase in classroom lighting
- Improved Building Safety
- Centralized Building Control Location
- Energy Savings:

During Const.: \$333,128

Yr. 1: \$ 220,273

Yr. 2: \$ In Progress

