

# Case Studies – LED Experience in Public Facilities



## K-12 Schools

- PROJECT SCOPE:**
- LED Interior Lighting Retrofits
  - Exterior LED Lighting
  - Building Controls Upgrades
  - Mechanical System Upgrades
  - Smart Controls in Kitchen Appliances
  - Energy Education Program

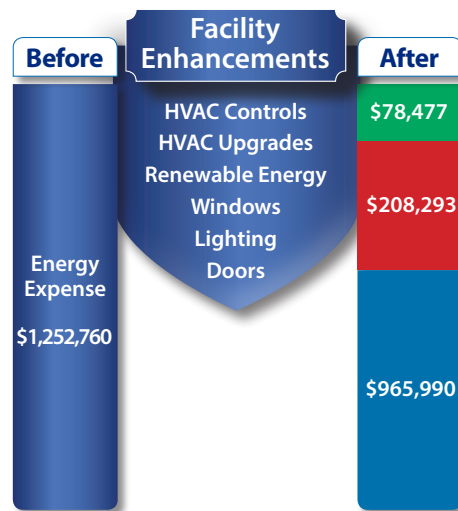
**Lima City School District**  
Lima, Ohio

**Project Cost:** \$2.5 million  
**Annual Savings:** \$286,770  
**Positive Annual Cash Flow:** \$78,477  
**Simple Payback:** 8.64 years

**Annual Energy & Environmental Savings**

- Electrical Savings - 1,724,380 kWh
- Fuel Savings - 4,113 MMBtu
- Cars Taken off the Road - 421
- Acres of Trees - 642
- Year Implemented - 2015

### Energy Cost Savings



### Testimonial

*"This is a tremendous opportunity to improve our operational efficiency and learning environments. As the largest district in the county, we feel it's imperative that we demonstrate to our students and our community that we are making wise use of both our natural and our financial resources."*

**Jill Ackerman**  
Superintendent

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■ Extra Money in the District's Pocket  
■ Annual Project Payment  
■ Reduced Annual Operating Expense