

Case Studies – LED Experience in Public Facilities



Oak Hills Local School District CASE STUDY



K-12 Schools

PROJECT SCOPE:

- Interior Lighting Retrofits
- Exterior LED Lighting
- Smart Bus Block Heater System Installed
- Condensing Boiler with Solar Thermal Preheat
- Smart Controls in Kitchen Appliances
- Energy Education Program

Oak Hills High School Cincinnati, Ohio

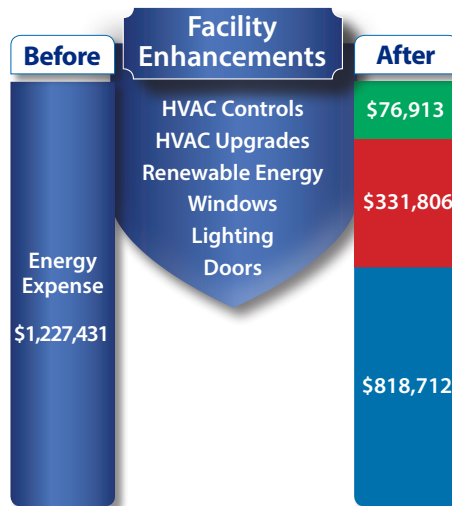
Project Cost: \$3.8 million
Annual Savings: \$408,719
Positive Annual Cash Flow: \$76,913
Simple Payback: 9.49 years

Annual Energy & Environmental Savings

Electrical Savings - 2,477,931 kWh
 Fuel Savings - 11,371 MMBtu
 Cars Taken off the Road - 683
 Acres of Trees - 1,043
 Year Implemented - 2015

Oak Hills Local
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Energy Cost Savings



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

Testimonial

"As a leader in education, it's incumbent on us to also take a leadership role in making smart investments in smart energy. This project will not only save our taxpayers dollars, it will put us firmly at the leading edge of using energy management technologies."

Todd Yohey
 Superintendent

"Building systems are becoming more efficient; it just makes sense to take advantage of these improvements to make our operations as cost-effective as possible. On top of that, we expect our buildings will be more comfortable and our systems more reliable."

John Beckemeyer
 Director of Operations