

# NEWTON FALLS EXEMPTED VILLAGE SCHOOLS



## NEWTON FALLS, OHIO Efficient Lighting Project

Newton Falls Exempted Village Schools is a public school district in northeast Ohio, comprised of an elementary, middle, and combined junior and high school. The school district provides education for nearly 1,500 students. The school district focuses on offering an atmosphere of learning and safety for all of its students, encouraging individual success and achievement.

### PROJECT GOALS:

Reduce energy costs for the school district.

### SOLUTION:

Replace existing lights with new, energy-efficient options.

### PROJECT SUMMARY:

In 2016, the Newton Falls Exempted Village Schools district completed comprehensive energy upgrades as part of a School Energy Performance Contracting (House Bill 264) project, which allows for school districts to pay for energy efficiency improvements through the cost savings of the projects. The school district worked with Efficiency Smart to complete efficient lighting upgrades in each of its three buildings as part of this project.

The school district replaced its existing lighting with high-performance T8s (HPT8s), linear fluorescent T5 and T8s, and CFLs. LED exit signs along with occupancy sensors were also installed.

An Efficiency Smart energy consultant worked with the school district and its contractor to review the project and validate the energy savings. As a result of the project, the school district was able to meet its goal of reducing its energy use and operating costs.

“Efficiency Smart was very helpful during our energy efficiency project. They made the process very easy by working with our contractors without creating a lot of extra work for us. The rebates we received are a nice bonus for our efficiency upgrades.”

–Dawn Meeks

Treasurer and CFO, Newton Falls Exempted Village Schools



### PROJECT FACTS AT A GLANCE

**Annual kWh Savings:**  
610,300

**Annual Cost Savings:**  
\$61,000

**Lifetime Cost Savings:**  
\$698,100

**Simple Payback:**  
6.32 years

**Annual CO<sub>2</sub> Reduction:**  
1,058,400 pounds

### PROJECT PARTNERS

Paul Woodard  
Superintendent  
Newton Falls Exempted Village Schools

Dawn Meeks  
Treasurer and CFO  
Newton Falls Exempted Village Schools

Tracy Reimbold  
Finance Director  
City of Newton Falls