

Sevier County School System LED Lighting Upgrade



100% Funded = 100% Satisfied

Sevier County School System Case Study

Scope of Project

Excel Energy Group is focused on maximizing savings while optimizing district light levels in the most financially efficient manner. **At Sevier County School System, that meant a replacement or retrofit of over 27,000 interior and exterior fixtures to 100% LED lighting throughout the district's 34 facilities including classes, gymnasiums, and exteriors.**

Installation of NEW LED panels and a complete redesign of their lighting provided significant cosmetic improvements to the appearance of the schools, as well as a significant annual savings. Occupancy Sensors were included throughout the facilities to manage and reduce hours of operation during unoccupied times. The end result ensured Sevier County School System met all IES Standards in their facilities, and provided complete disposal, recycling and permitting of their replaced equipment.

Sevier County School System was

100% FUNDED

from **guaranteed** energy savings for this project, and we'd like to help you do the same!

This upgrade is expected to generate \$13.2 million in cumulative energy savings over 20 years.

LED Lighting Upgrade Summary

Initial Cost \$3,264,350
Potential Incentives (\$100,000)

Net Cost \$3,164,350

Total Annual Energy Savings..... **\$533,623**

Annual Material Savings **\$53,977**

Annual HVAC Savings..... **\$74,539**

TOTAL ANNUAL SAVINGS

\$662,138



This NEW LED upgrade resulted in an Annual kWh Reduction of **3,863,772 kWh**



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