



# Wynne School District LED Lighting Upgrade



DECEMBER, 2014

## PROJECT QUICK FACTS:

Total Facilities:	5
Total Light Fixtures:	5,700
Total Sensors:	720
Total Cost:	\$685,638
Total Incentive:	\$76,350
Annual Savings:	\$92,156
Payback:	7.4 years

Decreased light wattage by an average of 68% in each area

## Wynne Schools Win! Here Comes LED!

During 2014 Wynne School District made a great decision to partner with Excel Energy Group to update their facilities with a new LED lighting system and add occupancy sensor controls. The projects involved retrofitting or replacing over 5,700 total light fixtures and sensors. It also reduced those facilities' lighting costs by over **65%**--an annual savings of over **\$92,000**.

With their upgraded lighting system, Wynne School District has taken their facilities into the new and exciting world of LED lighting. Existing linear fluorescent lamps and ballasts are now upgraded to state of the art LED tube lamps. That means no

more ballast maintenance! Wynne's upgrade was not just limited to interior lighting and controls. They also saw drastic improvements on the exterior of their building by using new LED fixtures.



From canopies to wall packs and floods to poles, Excel was able to upgrade the outdated and inefficient outdoor lighting to LED. The new LED tube lamps and fixtures are DLC or Energy Star listed.

Wynne received \$76,350.66 in incentives from Entergy Arkansas via the CitySmart program. Excel is an approved Trade Ally of the CitySmart program and aided the District through-out this incentive process. Approximately 10 percent of this energy efficient upgrade was paid for with this free funding!



First National Bank of Wynne provided low interest financing for the project.

## Goodbye CO<sub>2</sub>, Here's to LED!

Excel was able to reduce the District's electricity usage by **1,024,619** kwh annually. That means Wynne School District will eliminate over **707 metric tons** of carbon dioxide from the

atmosphere every year—the equivalent of removing the emissions from burning **79,500** gallons of gasoline or **758,900 pounds** of coal annually. LED lamps do not contain Mercury

like the current fluorescent technology. By switching to LED, Wynne School District is removing the risk of mercury contaminating the environment from disposal.



## The Bottom Line:

Wynne Schools had zero out of pocket expense, received a comprehensive LED lighting upgrade, 100% paid for by Entergy Incentives and lower electric bills - All guaranteed by Excel!

