



Hampton Public Schools LED Lighting Upgrade



DECEMBER, 2014

PROJECT QUICK FACTS:

Total Facilities:	4
Total Light Fixtures:	590
Total Sensors:	43
Total Cost:	\$75,724
Annual Savings:	\$14,182
Payback:	5.3 years

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

Small District Gets BIG Savings!

October 2014, Hampton Public Schools 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 590 total light fixtures and sensors. It also reduced those facilities' lighting costs by over **73%**--an annual savings of over **\$14,000**.

Hampton is a small school district in Southern Arkansas, but no school is too small to receive big benefits from LED. A full upgrade was performed for their Elementary School, Gymnasium, Cafeteria and Administration Building. Not only did the school district see an average decrease in their fixture wattages, but they now have minimal maintenance

on lighting. Existing linear fluorescent lamps and ballasts are now upgraded to state of the art LED tube lamps. That means no more ballast maintenance!



Energy efficiency is so important for everyone and Excel Energy Group is willing to bring that benefit to any customer. Whether your facilities are small or big, everyone likes to save money on their electric bills. That's why any customer can fit into Excel's Mission: People, Profit and Planet.

Lighting affects all people and when in poor condition it can hinder their work. That's why People are a huge focus in providing clear, well-lit facilities. Dollars are easy to spend but hard to keep, but it couldn't be easier to save your money then by reducing your electric bill. Now all the lights are improved and the extra money you spent on energy is going back into your Profit. However it's not just about the customer, the Planet gets huge benefits as well. Reducing energy consumption means reducing greenhouse gas emissions. Each kWh saved means less CO₂ from burning coal or other fuels for energy.

There's No Place To Hide Now CO₂

Excel was able to reduce the atmosphere every year—the the current fluorescent School's electricity usage by equivalent of removing the technology. By switching to LED, **134,308** kwh annually. That emissions from burning **10,421** gallons of gasoline or **99,476** pounds of coal annually. LED removing the risk of mercury contaminating the environment from disposal. lamps do not contain Mercury like

The Bottom Line:

No matter the size of the customer, Excel is going to give the same great service and each project will see a reduction in their energy bills. Everyone deserves a chance to save money while helping the environment and with Excel Energy Group you can!

