

Excel Energy Group, Inc. Guarantees Brighter Future for Camden Fairview



Project Facts

Lighting Retrofit

Total Project Cost \$1,019,191

Efficiency Upgrade

Annual Savings 65% or \$123,939

Electrical Power Savings 147,199 kwh

Number of Fixtures & Sensors 7,400

Incentive Amount \$126,651

Payback 7.2 years



Opportunity

Camden Fairview School District had outdated fluorescent lighting throughout the District, which was producing insufficient output and negatively impacting students and faculty. The inefficient lighting was also draining the school’s budget with high energy usage and maintenance costs.

Solution

Excel Energy Group, Inc. designed a customized LED Lighting Project that increased functionality and decreased energy consumption, utility bills and maintenance. The design included retrofitting or installing more than 6,800 lighting fixtures with LED technology and decreased wasted electricity usage even further by installing 642 occupancy sensors. The new LED design utilized DLC or Energy Star rated lights that qualified the District to utility incentives in the amount of \$126,651. The impact of switching existing metal halides to LED in the indoor practice room was a difference of night and day!

“We love the look of the LEDs and the light they put out,” said superintendent Mark Keith. “It really is a simple way to save energy and money that we can invest into other areas of the District. Excel was great to work with every step of the way.”

Benefits

The new LED lighting in the school improved classroom lighting and exterior safety while reducing energy consumption by 65% and eliminated maintenance. Excel specializes in **Energy Savings Performance Contracting**— meaning Excel guarantees that the savings generated by the upgrade will generate enough savings to make 100% of the payments for the new system. There was no need to alter the District budget in any way because the combination of the District’s new electricity payment and payment for the lighting upgrade is less than the District’s old electricity payment.