



\$1,994

per year in energy savings*

60–125%

increase in lumen output

39%

decrease in electricity usage

“We knew a lighting upgrade would have a direct and immediate impact not only on student classrooms and teacher offices, but on energy costs. This was one project that would create budget savings and enhance the quality of learning.”

Shain Crank

Superintendent, Galatia Community School District #1

Illinois School Lights Up with Energy Efficiency Project

The Galatia Grade School in Illinois upgraded their energy efficiency strategy and invested in the learning environment of their students

At Galatia Grade School, students, teachers and parents are the very life of the building. So when it comes to caring for the place that provides education and community, District administration makes it a high priority.

Challenge

After touring the classrooms and offices at Galatia Grade School, the Superintendent of Galatia Community School District #1 observed that the lighting was inadequate. Instead of fostering vibrant learning environments, the rooms appeared dim and less inviting. Discussions with the building maintenance team revealed that the school's lighting fixtures were outdated, primarily consisting of T8 and T12 fluorescent technology from the original construction.

“Walking into the classrooms I couldn't help but notice a general yellow hue, and in some rooms, dark spots. Looking up, I could tell the lighting was outdated,” noted the Superintendent.

Recognizing the potential for LED technology to substantially reduce energy costs and enhance the quality of the learning environment, the Superintendent sought guidance from NextEra Energy Services and NextEra Energy Solutions to evaluate available options and determine the most effective solution for the school's lighting needs.

Solution

Following an in-depth discussion and an investment-grade site audit, NextEra Energy Services and NextEra Energy Solutions presented the District with a comprehensive set of recommendations, including a detailed savings analysis and various financing options.



*Savings and performance results are specific to the project and facilities profiled. Actual results will vary for each customer. Projected savings may vary based on energy and other utility cost fluctuations.



The decision to upgrade the lighting was financially challenging, given the tight budgets and extensive project lists typical of schools. However, for the Superintendent and the School Board, the focus remained on the students and teachers and the critical role of a conducive learning environment.

"We knew a lighting upgrade would have a direct and immediate impact not only on student classrooms and teacher offices, but on energy costs. This was one project that would create budget savings and enhance the quality of learning," noted the Superintendent.

Result

Given budget constraints, the District opted to implement the lighting upgrades in two phases, with Phase 1 focusing on the Grade School classrooms and offices. This initial phase was completed in just three days over the summer.

The installation of new lighting fixtures and the replacement of outdated technology in the Grade School have made a noticeable impact. Students, teachers, and district administrators have all remarked on the significant improvement. "The new lights are incredible! We've heard numerous comments from the community on the brightness and clarity of the rooms. Our maintenance staff is also happy to be freed up to tend to other repairs," stated a District representative.



About Us

We are NextEra Energy Services, a leading competitive energy supplier serving customers in deregulated markets, including residential, commercial and industrial consumers. We deliver comprehensive energy services and state-of-the-art technologies tailored to meet the unique needs of our diverse customer base including energy supply, efficiency, resiliency and more. We do so through competitive retail electricity and natural gas and by helping customers rethink their energy strategy.

As part of the NextEra Energy family of companies, the nation's largest capital infrastructure investor, we help develop customized and comprehensive energy management plans aimed to leverage both traditional and renewable energy resources, mitigate exposure to energy market volatility, reduce energy costs and meet goals.



Commodity services conducted within the greater Northeast, TX, FL, and IL territories are conducted through regional affiliate brands; Gexa Energy, LP #10027, Frontier Utilities, LLC #10169, NextEra Energy Services, LLC: CT, #1383; D.C., #14227; DE, #08-127; IL, #06-0776; ME, #2005-132; MD, #IR-966; MA, #CS-046; NH, #12-145; NJ, #ESL-0014; NY, OH, #08-145(1); PA, #A-2008-2060044; RI, 3 D-96-6 (M3).

Engineering solutions and Energy Service Company (ESCO) projects conducted throughout the greater U.S. territories (outside of TX) are conducted by NextEra Energy Solutions, LLC. Engineering solutions and Energy Service Company (ESCO) projects conducted within TX are conducted through our regional affiliate brand Gexa Energy Solutions, LLC. Engineering COA's: AL, ECA5720; AZ, 25021-0; CA, CO, DE, 4743; GA, PEF 008315; IL, 184.007794-0002; IN; LA, EF.0006974; MD, 51635; MA, 1231175; NJ, 10606253; NM, 5512816; OH, COA.05360; OK, CA 8486; PA; TX, F-16231. NextEra Energy Services does not provide engineering services.

©2025 NextEra Energy Services, LLC. All rights reserved.

127481