



UTICA LIBRARY BEGINS NEW CHAPTER IN EFFICIENCY

Unlike the classic titles you'll find on the shelves of the Utica Public Library, its 1970s-era lighting has not stood the test of time.

The building was riddled with dark spots, patrons complained about low light, and staff struggled with eye strain. Simply keeping up with bulb and ballast replacement became a challenge.

"Poor lighting is a problem we've been battling for years," says Librarian Emily Schaub, whose desk was positioned directly under a four-bulb fluorescent fixture that would frequently flicker and fail. "We had to do something."

At the recommendation of Utica Fire Chief Ben Brown (also chief bulb replacer at the library), Schaub reached out to Ameren Illinois.

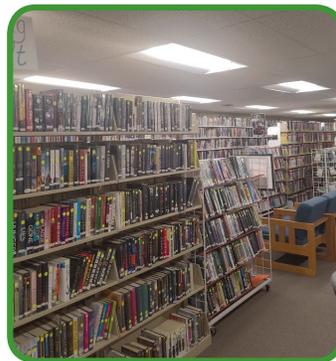
"Our Energy Efficiency Program provides information and incentives to help customers make changes that reduce their energy bills and preserve our energy resources," says Ken Woolcutt, Energy Efficiency Manager at Ameren Illinois. "Lighting is a great place for any facility to start saving."

The utility provided approximately \$8,500, which covered more than 90 percent of the library's cost to upgrade to 62 LED T12 fixtures. Ultimately, the library paid just under \$500 for upgrades worth nearly \$9,000.

The library chose Project Green Environmental Solutions, an Ameren Illinois Program Ally, to install the new lighting. In less than two months, the library was transformed into a far more welcoming place.

"We love our new lights. The entire library is much brighter, and we can all see a heck of a lot better," says Schaub. Today, one high-efficiency LED bulb has replaced the four-bulb fixture over her desk, making flickers a faint memory.

The LED lighting will reduce the library's annual energy use by more than 31,000 kilowatt-hours, *(continued on next page)*



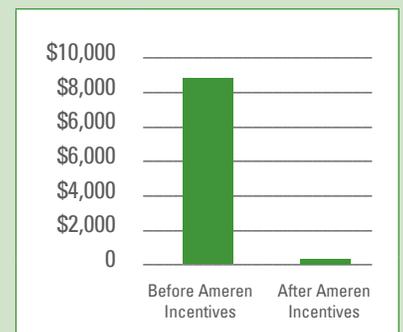
"Utica Public Library is a great example of how small changes can lead to big savings with energy efficiency projects."

— Ken Woolcutt,
Manager of Energy Efficiency

Benefits to Utica Library

- Approximately \$8,500 in incentives covered more than 90 percent of project costs
- Annual energy savings of more than 31,000 kWh
- Annual dollar savings of more than \$1,900
- Better quality of light
- 10-year guarantee on new LED lighting
- Improved patron and staff satisfaction
- Reduced impact on the environment

Project Cost Comparison



Brighten Your Business & Boost Your Bottom Line

Flip the Switch on Energy Waste

Lighting accounts for 20 to 50% of the average business' electricity consumption. On the bright side, that means you can enjoy significant savings — year after year — simply by making simple lighting improvements.

Ameren Illinois offers cash incentives for a variety of lighting projects, including:

- Replacing T12s with high-performance T8 or T5 lamps
- LED exit signs
- Interior LED lighting
- LED case lighting
- High-bay lighting replacements
- Exterior lighting for canopies and garages
- T8-to-T5 relamp and reballast
- Permanent lamp/fixture removal

The Lowdown on LEDs

ENERGY STAR®-qualified LED lighting uses at least 80% less energy than incandescent lighting, which cuts operating costs. And because it lasts 35 to 50 times longer than incandescent lighting — and up to five times longer than fluorescent lighting — you'll save on maintenance costs, too.



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while producing a better quality of light.

"The LED bulbs produce an amazing quality of light," says Schaub. "I was concerned at first, but they have a nice warmth to them."

Lasting up to five times longer than fluorescent lighting, the LED lights will reduce the library's impact on the environment (not to mention the Fire Chief.)

"We use a lot of energy —and a lot of trees have to die to make a library possible — so we want to try to be as green as possible," says Schaub. "The new lights help with that."

Another feel-good factor is the 10-year guarantee that came with the new lights.

"The price is right, the product is amazing, and the work was done quickly," says Schaub, who commends the tidy (and quiet) team at Project Green Environmental Solutions.

By switching from fluorescent to LED lighting, Utica Public Library will save nearly \$1,900 per year — money better spent on books.

Even as the library gears up for a major expansion, it will continue to reduce its carbon footprint with help from Ameren Illinois.

"Utica Public Library is a great example of how small changes can lead to big savings with energy efficiency projects," says Woolcutt. "An action as simple as switching to LEDs can potentially save thousands of dollars per year."

There's no need to keep quiet about this library's success story. Schaub readily recommends the Ameren Illinois Energy Efficiency Program to any organization looking to ease its impact on the budget and the environment.

As Schaub says: "Ameren Illinois made this a really easy choice. I didn't have to do anything but reach out."

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— Emily Schaub, Librarian,
Utica Public Library

Energy Efficiency Pays

Since 2008, the award-winning Ameren Illinois Energy Efficiency Program has provided more than \$100 million in incentives to help business customers save more than \$525 million in annual energy costs. Incentives are available for a variety of energy-saving projects, including lighting, heating and cooling, refrigeration, motors, steam system improvements, and compressed air.

