

Ameren Missouri BizSavers® Program Energy Savings Case Study

St. Roch

Established in 1911, St. Roch Parish and School (Pre-8) have served the heart of St. Louis for over 100 years. Nationwide, energy is the second highest operating cost for K-12 schools, and with such an old building, keeping maintenance and energy costs down was sure to be a challenge. By installing energy-efficient equipment, St. Roch is not only saving money, but is continuing to provide students and faculty with brightly lit and more comfortable learning environments. By participating in the Ameren Missouri BizSavers® Program, St. Roch earned incentives that decreased the cost to complete the energy-saving lighting and HVAC projects which also brought down their annual energy costs by **more than \$26,500 each year!** Combining all of the energy efficiency upgrades installed in their school buildings, they were able to earn **more than \$37,000** in Ameren Missouri BizSavers incentives.

Project Summary

Across three energy efficiency projects, the school updated several HID and fluorescent lamps and light fixtures to LEDs as well as installed new rooftop units. Overall, these upgrades have reduced the school's energy use by **more than 295,000 kWh** every year.



Incentive

St. Roch has earned **over \$37,000 in incentives** for their energy-saving upgrades from the BizSavers Program. With the incentives and annual energy

cost savings, the upgrades to the facility paid for themselves in under a year!

Technology

Known for their low energy consumption and long life, LED lamps can **save up to 50% in energy costs** as compared to fluorescent lamps and provide students with better and brighter classrooms, gyms, hallways and more. They also generate less heat, reducing the impact on the building cooling load.

New, efficient HVAC systems use about **30-50% less energy** than older, inefficient units. Installing energy-efficient HVAC equipment will reduce maintenance costs and lengthen equipment life, all with a short payback period. After completing the upgrades, St. Roch has been able to provide students with a healthier, more efficient environment to learn and grow.

Facility Information

Facility type:
**Private Pre-K - 8th
Grade School**

Measures:
**Lighting, Cooling
and HVAC**

Annual energy cost savings:
\$26,531

Annual kWh savings:
295,573

Total project costs:
\$85,737

Total incentives:
\$37,868

Total projects:
6

Payback:
0.98 years

Get Started Saving!

Find out how you can save at AmerenMissouri.com/BizSavers or by contacting a Business Development Representative at BizSavers@Ameren.com or **1.866.941.7299**. Ready to start saving now? Find an approved contractor at TradeAllyNetwork.com.