

Ameren Missouri BizSavers® Program Energy Savings Case Study

First Bank

According to ENERGY STAR®, almost 30% of energy consumed by office buildings goes to waste each year, making energy costs a high priority for owners and managers of buildings of all sizes. Fortunately, improving energy efficiency is easy with cash incentives from the Ameren Missouri's BizSavers® Program. Since 2015, First Bank has installed energy-efficient upgrades in several buildings, saving energy and reducing operating costs while earning cash incentives to reduce the cost of the upgrades. Combining all improvements First Bank has installed in their buildings, the company has earned **nearly \$160,000** in incentives and reduced their annual energy costs by **more than \$140,000!**

Project Summary

First Bank has taken advantage of BizSavers lighting incentives by updating hundreds of fluorescent lights to LEDs. The bank also focused on optimizing their HVAC systems by implementing occupant-based scheduling and other control strategies to achieve significant energy savings and prolong the life of existing equipment. Overall, these upgrades have reduced First Bank's energy use by **more than 1,800,000 kWh** every year.

Incentive

First Bank has earned **more than \$150,000 in incentives** for energy-saving upgrades from the BizSavers program. With a median payback period of just over 2 years, the decision to make high-quality improvements and long-lasting energy efficiency upgrades to several buildings was easy.



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. First Bank took savings even further by installing remote mounted occupancy sensors. LEDs also generate less heat, reducing the impact on the HVAC load. New, efficient HVAC systems use about **30-50% less energy** than older, inefficient units. First Bank is also saving on cooling by replacing old, out-dated thermostats with new, efficient Learning/Smart Thermostats.

Facility Information

Facility type:

Office Building / Bank

Measures:

**Lighting, Cooling
& HVAC**

Annual energy cost savings:

\$144,998

Annual kWh savings:

1,810,793

Total project costs:

\$491,229

Total incentives:

\$159,568

Payback:

2.1 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.