

# Ameren Missouri BizSavers® Program Energy Savings Case Study

## Johnson Group

Big savings can be achieved by small office spaces, which is great news since 94% of commercial properties are smaller than 50,000 square feet, according to ENERGY STAR®. Through energy-efficient upgrades alone, property owners and managers can reduce energy use by up to 30%, freeing up funds for reinvestment.

Since 2014, Johnson Group has made upgrades to several buildings, saving energy and reducing operating costs with the Ameren Missouri BizSavers® Program. Combining all of the energy efficiency upgrades Johnson Group installed in their buildings, the company has earned **more than \$28,000** in incentives and reduced their annual energy costs by **more than \$17,000!**

### Project Summary

Johnson Group has taken advantage of BizSavers lighting incentives by swapping hundreds of fluorescent lights for energy-efficient LEDs. Along with upgrading to more efficient Packaged Rooftop Units, Johnson Group added variable frequency drives (VFD) to HVAC equipment. Overall, these upgrades have reduced Johnson Group's energy use by **more than 230,000 kWh** every year.

### Incentive

Johnson Group has earned **over \$28,000 in incentives** for energy-saving upgrades from the BizSavers program. With a median payback period of just under 4 years, the decision to make high-quality improvements and long-lasting energy efficiency upgrades to several buildings was an easy choice.



### 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 employees and customers with a better and brighter working environment. They 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. Buildings can take their savings further by adding advanced controls like VFDs.

## Facility Information

**Facility type:**  
**Office Building**

**Measures:**  
**Lighting, Cooling  
& Motors**

**Annual energy cost savings:**  
**\$17,397**

**Annual kWh savings:**  
**230,131**

**Total project costs:**  
**\$140,642**

**Total incentives:**  
**\$28,267**

**Payback:**  
**3.9 years**

## Get Started Saving!

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