

Ameren Missouri BizSavers® Program Energy Savings Case Study

7-Eleven

One of the most well-known convenience store chains in the world, 7-Eleven operates many stores in Missouri and has worked with Ameren Missouri's BizSavers Program on more than 60 energy efficiency projects since 2010. With many stores open 24 hours, keeping costs low is critical to 7-Eleven's ability to continue providing convenient shopping experiences for its customers. Across their decade of energy efficiency projects, 7-Eleven stores have earned **more than \$23,000** in BizSavers incentives and reduced their annual energy costs by **more than \$40,000**.

Project Summary

Since beginning their energy efficiency projects in 2010, 7-Eleven has installed more than 700 LED lamps, replacing fluorescent, incandescent and HID lights. The company has also upgraded to efficient packaged rooftop HVAC units and ENERGY STAR® commercial freezers and refrigerators. In total, these upgrades have reduced 7-Eleven's energy use by **more than 416,000 kWh** every year.

Incentive

To reduce the upfront costs of their efficiency improvements, 7-Eleven has **earned over \$23,000** in BizSavers incentives. For the extensive upgrades made to their many buildings, the significant incentives and annual energy cost savings brought the median payback to less than 5 years.

Technology

Known for their low energy consumption and long life, LED lamps can **save up to 50% in energy costs** compared to fluorescent lamps. They also generate less heat which reduces the strain on your HVAC and refrigeration systems. Lastly, LED lamps support your business by providing employees and customers with a better and brighter working and shopping environment. Improving lighting is the easiest way to see a quick ROI and reduce your energy usage.

Another great way for convenience stores to save energy and money is to upgrade to ENERGY STAR® refrigerators and freezers, which are on average **20% more energy-efficient** than other standard models. For existing equipment, retrofitting systems with efficient motors and controls can significantly improve their overall efficiency and prolong useful life. Upgrading to more energy-efficient technologies will lower operating costs, improving your store's bottom line.

Facility Information

Facility type:

Convenience Stores

Measures:

**Lighting, Refrigeration
& Cooling**

Annual energy cost savings:
\$40,024

Annual kWh savings:
416,491

Total project costs:
\$268,316

Total incentives:
\$23,182

Payback:
4.9 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.