

Ameren Missouri BizSavers® Program Energy Savings Case Study

7-Eleven

Probably the most well-known convenience store chain 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 plus of energy efficiency projects, 7-Eleven stores have earned **more than \$23,000** in Ameren Missouri 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. Taken in total, these upgrades have reduced 7-Eleven's energy use by **more than 416,491 kWh** every year.

Incentive

For their efficiency improvements, 7-Eleven has **earned over \$23,400** in incentives from the BizSavers Program. Because of the generous incentives and annual energy cost savings, the median payback period for the extensive upgrades made to their many buildings across 63 projects amounted 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** as compared to fluorescent lamps and provide employees and customers with a better and brighter working and shopping environment. They also generate less heat, reducing the impact on the HVAC load, helping keep coolers cooler. Lighting is the easiest and quickest way to see an ROI as well as reduce energy usage.

Another great area 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 and can greatly reduce a store's energy consumption and utility costs. For existing equipment, upgrading to efficient motors and controls can enhance efficiency significantly 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.