

# Ameren Missouri BizSavers® Program Energy Savings Case Study

## Walgreens

Walgreens knows the prescription for reducing energy costs in its stores! Ameren Missouri's BizSavers Program helped Walgreens reduce its electric bill in each of its seventy-five stores in Ameren Missouri territory by \$4,230 annually. The project included energy-efficient upgrades to coolers and freezers. Not only will Walgreens enjoy more than \$315,000 in annual energy savings, the company also received nearly \$300,000 in cash incentives to offset project costs.

### Project Summary

Each of the seventy-five Walgreens stores in Ameren Missouri's territory underwent retrofits to cooler and freezer cases, which resulted in substantial energy savings. Doors were installed on the previously openfront dairy cases; fluorescent fixtures located in the coolers and freezers were replaced with more efficient LED fixtures; older, less efficient motors were replaced with electronically commutated motors; and controls were installed on the anti-sweat heaters used on the cooler doors. Each store saw approximately 57,700 kWh in annual electric savings.

### Get Started Saving!

Find out how you can save at [AmerenMissouri.com/BizSavers](http://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](http://TradeAllyNetwork.com).



### Incentive

Walgreens received approximately \$3,900 per store in cash incentives for energy-efficient upgrades to its coolers and freezers. That's nearly \$300,000 to reduce the upfront cost of becoming more energy efficient!

### Technology

Traditional retail food and drink coolers have open fronts, allowing conditioned air to escape into the store and essentially go to waste. By installing doors on cooler cases, electric consumption is reduced by nearly 10,000 kWh per year per cooler. Switching from fluorescent lighting to LED lighting not only uses almost two-thirds less energy, but it produces less heat - meaning there is less demand on the cooling system. Pair that with efficient motors and controls, and a business can expect to receive a large dose of energy savings!

### Facility Information

**Facility type:**

**Retail store/pharmacy**

**Square footage:**

**Approximately 14,820 square feet per store**

**Annual energy cost savings:**

**\$315,000 total  
\$4,230 per store**

**Annual kWh savings:**

**4,327,000 kWh total  
57,700 kWh per store**

**Project cost:**

**\$1.2 million total  
\$16,000 per store**

**Incentive:**

**\$292,500 total  
\$3,900 per store**

**Payback:**

**2.8 years**