

# Ameren Missouri BizSavers® Program Energy Savings Case Study

## Pole Position Raceway

Mike Johnson, the owner of indoor go-cart track Pole Position Raceway, went from 0 to nearly \$15,000 in energy cost savings each year by taking advantage of the Ameren Missouri BizSavers Program. The building, which was formerly a big box department store, was in need of an extensive renovation, including an upgrade to the lighting system. Because Johnson opted for high-efficiency lighting, his project qualified for a sizeable BizSavers New Construction incentive.

### Project Summary

The total cost of retrofitting the old, inefficient T12 fluorescent fixtures, metal halide fixtures, and incandescent fixtures to more efficient LED fixtures—complete with occupancy controls—was a little more than \$39,000. Without an incentive, the reduction in energy would have yielded a 2.6 year payback on the investment. Once Johnson heard about the New Construction incentives available for his project, he knew it was a great opportunity! After receiving the incentive, Johnson's project paid for itself in just over a year and a half.

### Incentive

Pole Position Raceway received more than \$15,000 in cash incentives from Ameren Missouri BizSavers New Construction program for replacing its inefficient lighting and installing occupancy sensors.



### Technology

By replacing fluorescent T8s and T12s with LED lamps and fixtures, you can save up to 75 percent in annual lighting costs. In addition, LEDs produce less heat, meaning the building will see a decreased cooling load. LED lamps are known for their long life, reducing maintenance costs and downtime. In fact, certain types of LEDs have an operational life of 100,000 hours. That's 22 years if they're on 12 hours each day!



We are so thankful that Ameren Missouri has this program. The way the BizSavers program helped us from start to finish is a great example of big corporations helping small business owners.

– Mike Johnson, owner  
Pole Position Raceway



### Facility Information

**Facility type:**  
Indoor go-cart track

**Square footage:**  
56,664 square feet

**Annual energy cost savings:**  
\$14,856

**Annual kWh savings:**  
173,558 kWh

**Project cost:**  
\$39,290

**Incentive:**  
\$15,405

**Payback:**  
1.61 years

## 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).