

# CASE STUDY:

Standard Transportation Services



## QUICK FACTS

### ENERGY SAVINGS

43 KW

265,000 KWH PER YR

### PROJECT SCOPE

Energy Conservation

### ENVIRONMENTAL IMPACT

190 TONS PER YEAR CARBON REDUCTION (EQUIVALENT TO TAKING 30 CARS OFF THE ROAD)

### ECONOMICS

**TOTAL REBATES:** \$59,760

**ANNUAL SAVINGS:** \$23,360

**SIMPLE PAYBACK:** 3.1 YEARS

*“The team at OES is great to work with. They take care of the utility rebates and have done numerous projects for us on time and on budget, every time.”*

*- Fred Mason-General Warehouse Manager*

## THE PROJECT

Standard Transportation has a number of facilities in the Joplin area. When the Missouri DNR Energize Missouri program was rolled out in 2010, OES developed an application for three of Standard's warehouses totaling 430,000ft<sup>2</sup> of floorspace. Between this program and two others that OES aided in applying for, nearly 1/2 of the lighting upgrade expense was covered through incentive programs.

6-lamp T5 fixtures with integral motion sensors and shatterproof lamps were selected for the high bay lighting in the buildings. The sensors in this application are estimated to save an additional 60% by reducing the run-time of the new fixtures. Light levels are improved, maintenance expenses reduced and a glass-breakage hazard eliminated.

Exit signs were replaced with LED units that feature integrated emergency lighting, improving safety. Exterior lighting at one warehouse was replaced with energy efficient LED fixtures for additional energy and maintenance savings.

With another utility rate case filed for, Standard Transportation is happy they chose OES to design the project and handle the incentive applications and documentation.