



# Case Study

## Interior - Industrial

Technical Metals - Fairbury, IL



**52% energy reduction**  
**47.3 kW demand reduction**  
**\$26,492 electrical cost savings**



Technical Metals upgraded their fluorescent lighting system to high-performance, energy-efficient, LED from energybank. The company significantly improved operations with a 52% decrease in energy consumption and \$26,492 in electrical cost savings.

**Efficient. Sustainable. Good business.** That's LED Done Right®.

Project Data	Annual kWh Consumption	Baseload kW Consumption	Annual Operating Cost
prior system	564,607	91.1	\$44,604
energybank	273,079	43.8	\$18,112
Net Reduction	291,529	47.3	\$26,492

**52% annual energy reduction\***

*\*Additional lighting savings in maintenance and repair + solar contribution during peak*



This lighting project includes award-winning FUSION solar-powered LED.

Energy savings from this project have a positive impact on Greenhouse Gas emissions. A reduction of **291,529 kWh** is the equivalent of:



Eliminating the greenhouse gas emissions from **43 passenger vehicles** driven for one year



Eliminating the CO<sub>2</sub> emissions from the energy use of **24 homes** in one year



The carbon sequestered by **243 acres** of US Forest in one year