

CASE STUDY

U.S. Packaging Corp.
Elkhorn, WI

This national packaging solutions company cut consumption at its Elkhorn Wisconsin facility by converting to high efficiency LED lighting throughout its clean rooms, production, warehouse and office areas including all exterior lighting across its campus.

Savings Analysis:

Annual kWh Savings	729,623
Annual System Savings	\$105,065.76
Combined Incentives	\$112,096.00
Return on Investment	30 months
10-Year Energy Savings.....	\$1,050,650.00

Benefit Analysis:

LED Fixtures Carry 10-Year Warranty and >120,000 hour Lifespan Rating
Occupancy Sensing by Wireless Control System
Enhanced Color Temperature and Light Quality
Improved Uniformity and Distribution of Light
Elimination of Maintenance and Relamping Cycles

Annual Environmental Impact*:

1,094,435 pounds of CO2
1,824,058 grams of Sulfur Dioxide
4,231,815 grams of Nitrogen Oxide
Planting 134 acres of trees
Removing 103 cars from the road each year
Saving 66,329 gallons of gas each year

* Source: 



Murphy Energy is a full service ESCO providing turnkey lighting solutions to improve energy efficiency and system performance in the built environment.

Energy Management Services

- ⊕ Turnkey Project Implementation
- ⊕ Lighting & Control Systems
- ⊕ Building Automation Systems
- ⊕ Daylight Harvesting
- ⊕ Solar
- ⊕ Rebate Administration
- ⊕ EPA Act Certification



414-810-0301
Milwaukee Wisconsin
www.murphyenergy.net