



# energybank. Interior - Industrial

## Case Study

Universal Handling Equipment - Owosso, MI



**UNIVERSAL  
HANDLING EQUIPMENT**

**67% energy reduction**  
**21.96 kW demand reduction**  
**199% foot-candle increase**



Post-project foot-candles



Pre-project foot-candles

Universal Handling Equipment upgraded their lighting system to high-performance, energy-efficient, award-winning OmegaLight® LED from energybank. The company significantly improved operations with a 199% increase in light levels combined with a 67% decrease in energy consumption. Efficient. Sustainable. Good business. That's LED Done Right®.

Project Data	Type	Qty	Energy per Unit	Total Energy	Electric Demand
prior system	400W MH	72	455W	32,760W	32.76 kW
energybank	Omega 215	72	150W	10,800W	10.80 kW

**TOTAL ENERGY REDUCTION: 21,960W**  
**ANNUAL ENERGY REDUCTION: 67%**  
**ANNUAL KW DEMAND REDUCTION: 21.96 kW**

*\*Additional savings in lighting maintenance and repair*

Energy savings from this project have a positive impact on Greenhouse Gas emissions. A reduction of **51,386 kWh** (21.96 kW at 2340 hours) is the equivalent of:



Eliminating the greenhouse gas emissions from **9 passenger vehicles** driven for one year



Eliminating the CO<sub>2</sub> emissions from the energy use of **4.5 homes** in one year



The carbon sequestered by **49.5 acres** of US Forest in one year

