



energybank[®]

LED Done Right[®]



AWARD-WINNING

FUSION Solar-Powered LED Lighting
CASE STUDY COLLECTION



AMERICAN
INNOVATION

64% energy reduction. \$59,012 energy cost reduction.



Dutchland Plastics – Oostburg, Wisconsin

Project Data	Total Annual Energy Use	Baseload kW Consumption	Annual Operating Cost	HIGH-BAY APPLICATION	
				PRODUCTION FACILITY	
Prior System	1,026,957 kWh	123.6 kW	\$92,426	Annual Energy Reduction:	655,691 kWh
energybank LED	371,266 kWh	43.5 kW	\$33,414	Operating Cost Reduction:	\$59,012

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



ABC Supply – Jackson, Wisconsin

HIGH-BAY APPLICATION
WAREHOUSE

Project Data	Total Annual Energy Use	Baseload kW Consumption	Annual Operating Cost		
Prior System	91,498 kWh	24.6 kW	\$14,403	Annual Energy Reduction:	52,861 kWh
energybank LED	38,817 kWh	10.9 kW	\$5,473	Operating Cost Reduction:	\$8,930

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



ABC Supply – Hartland, Wisconsin



HIGH-BAY APPLICATION
WAREHOUSE

Project Data	Total Annual Energy Use	Baseload kW Consumption	Annual Operating Cost		
Prior System	15,545 kWh	8.6 kW	\$1,862	Annual Energy Reduction:	10,613 kWh
energybank LED	4,932kWh	4.4 kW	\$591	Operating Cost Reduction:	\$1,271

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



Technical Metals – Fairbury, Illinois

HIGH-BAY APPLICATION
INDUSTRIAL

Project Data	Total Annual Energy Use	Baseload kW Consumption	Annual Operating Cost		
Prior System	564,607 kWh	91.1 kW	\$44,604	Annual Energy Reduction:	291,529 kWh
energybank LED	273,079 kWh	43.8 kW	\$18,112	Operating Cost Reduction:	\$26,492

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



65% energy reduction. \$34,312 energy cost reduction.



Russ Darrow Mitsubishi – Waukesha, Wisconsin | 15 locations retrofitted to date

HIGH-BAY APPLICATION
AUTO DEALERSHIP

Project Data	Total Annual Energy Use	Baseload kW Consumption	Annual Operating Cost		
Prior System	513,106 kWh	111.4 kW	\$53,455	Annual Energy Reduction:	330,346 kWh
energybank LED	182,760 kWh	39.0 kW	\$19,143	Operating Cost Reduction:	\$34,312

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



OFFICE: 72% energy reduction.



Great Lakes Cheese – Plymouth, Wisconsin

HIGH-BAY APPLICATION
OFFICE

Project Data	Fixture Type	Qty	Energy per Unit	Total Annual Energy Use		
Prior System	2x4 Troffer	34	85W	17,787 kWh	Annual Energy Reduction:	12,724 kWh
energybank LED	TLA + FUSION	34	25W max	5,063 kWh	Baseload Energy Reduction:	3.8 kW

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



WAREHOUSE: 79% energy reduction.



Great Lakes Cheese – Plymouth, Wisconsin

HIGH-BAY APPLICATION
WAREHOUSE

Project Data	Fixture Type	Qty	Energy per Unit	Total Annual Energy Use		
Prior System	T5 4-Lamp	142	234W	276,455 kWh	Annual Energy Reduction:	217,184 kWh
energybank LED	LED + FUSION	142	95W max	59,271 kWh	Baseload Energy Reduction:	19.7 kW

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



Team Industries – Kaukauna, WI
High-Bay INDUSTRIAL Application



ITU AbsorbTech – New Berlin, WI
High-Bay PRODUCTION Application



Foxconn – Milwaukee, WI
PARKING GARAGE Application



Nestlé – Dublin, OH
FUSION Integrated Troffer Application



AWARD-WINNING
**FUSION Solar-Powered
LED Lighting**