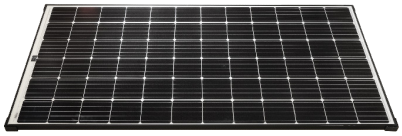
energybank

Case Study
Interior - Office - FUSION



FUSION
Solar-Powered LED

Great Lakes Cheese - Plymouth, WI

72% energy reduction with LED upgrade

~ Additional 40% energy reduction with solar contribution ~

Project Data	Type	Qty	Energy per Unit	Annual kWh Consumption
Prior System	2x4 Troffer	34	85W	17,787 kWh
energybank	TLA + FUSION	34	25W max	5,063 kWh

NET ANNUAL ENERGY REDUCTION:	**12,724 kWh**
ANNUAL ENERGY REDUCTION:	**72%**
ANNUAL BASELOAD KW REDUCTION:	**3.8 kW**

** 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. **12,723 kWh** reduction is the equivalent of:

- Avoiding **9.9 tons** of CO_2
- Eliminating the greenhouse gas emissions from **21,998 miles** driven by an average passenger vehicles over one year
- Eliminating the CO_2 emissions from **1,012 gallons** of gasoline consumed
- The carbon sequesterd by **10 acres** of US Forest in one year

Harnessing the Power of the Sun

Great Lakes Cheese has put the power of the sun to work on their behalf. Utilizing solar power during peak rates to illuminate their new, award-winning, energy-efficient ThinLine LED office troffers. Great Lakes Cheese is achieving pleasing light levels of 60 foot-candles for as little as 5W AC per fixture throughout the day. With the upgrade from their existing fluorescent lighting fixtures to high-performance LED, Great Lakes Cheese achieved a 72% energy reduction. Solar contribution from FUSION delivers an additional 40% energy reduction, on average, on the LED lighting system. That's LED Done Right®.

Efficient. Sustainable. Good Business.

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