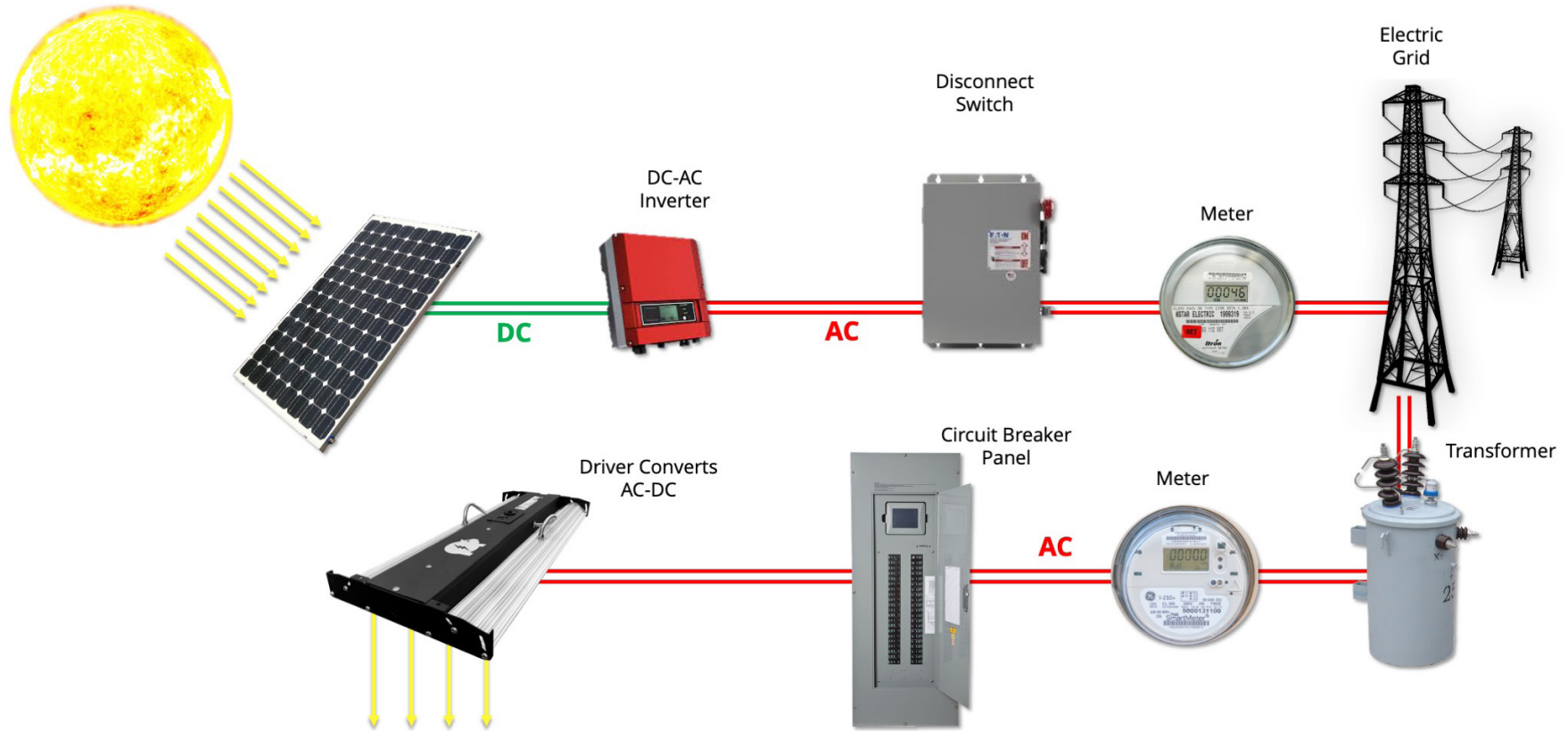




Conserve. Control. Create.

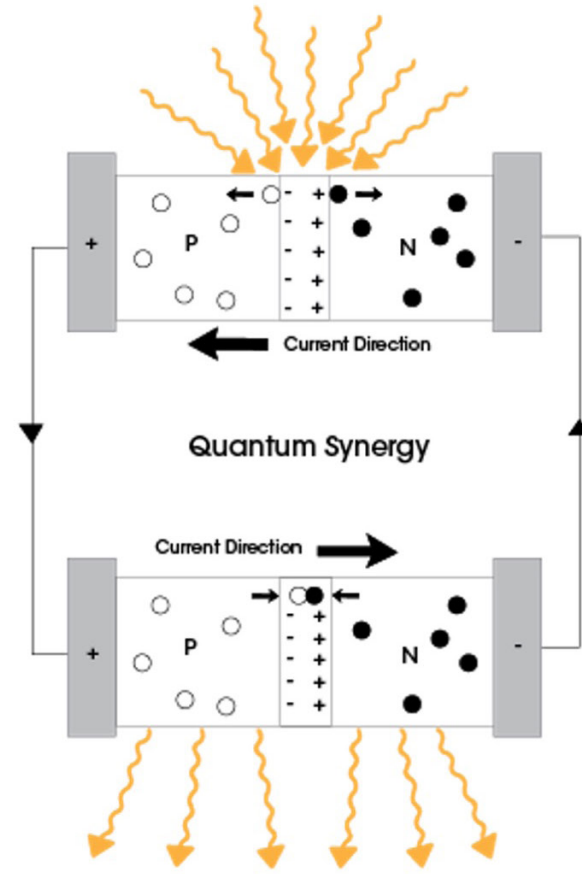
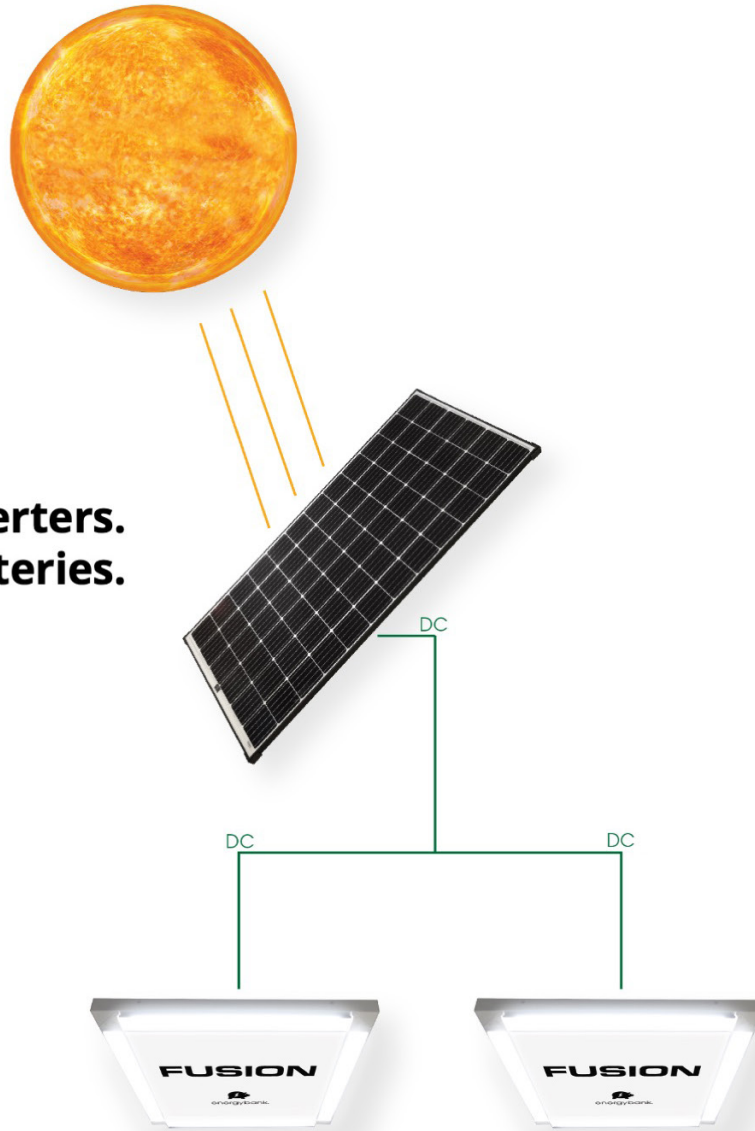
Traditional PV Solar



Results in considerable losses.

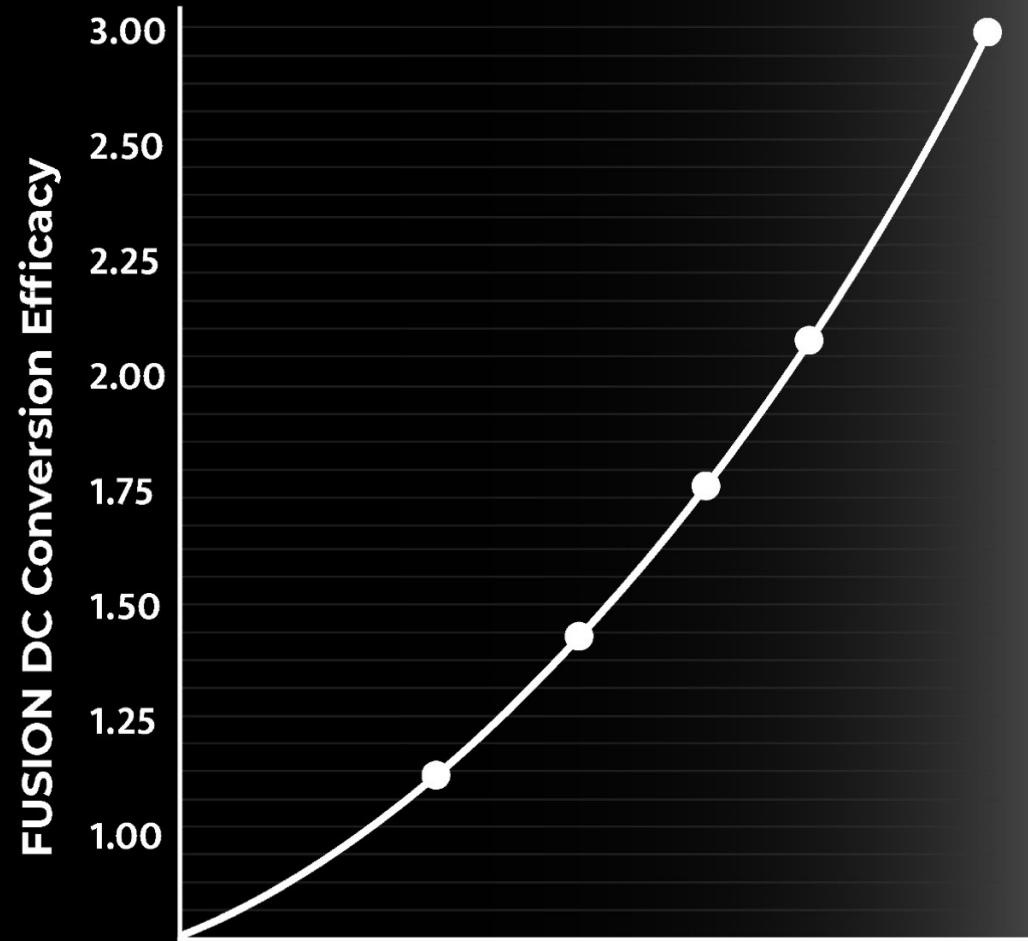
FUSION Hybrid PV> LED

No Inverters.
No Batteries.



FUSION Increases PV System Efficacy

FUSION direct DC maximizes PV solar system output including in low light conditions



Peak Solar Day **FUSION Displaces** AC Watts 3:1

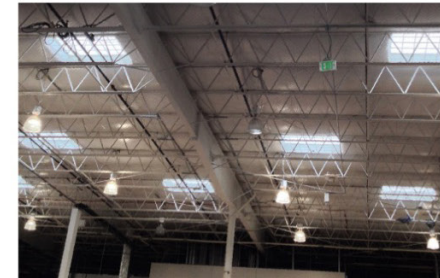
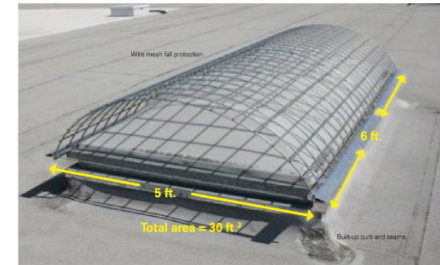
*Performance may vary be less with other manufactures LED fixtures.

FUSION Skylight Big Light Small Hole



- Minimal panel density on roof allows easy access for roof maintenance
- Skylights can be reconfigured if building usage changes
- Panel angle allows for snow to slide off and keeps panels cleaner

Compare to a traditional skylight



FUSION Direct PV to LED vs Traditional Photovoltaic

- Fusion eliminates the requirement for costly infrastructure inverters, grid connection, controls resulting in unprecedented ROI's less than 3 years
- No grid connection eliminates tariff pricing risk
- Maximize Federal ITC 30% when bundling Fusion with an LED project

Fusion is safe < 50 volts DC



Traditional PV systems are typically configured to produce high voltage DC capable of generating a continuous DC arc flash with temperatures exceeding 2000 degrees Celsius

FUSION Expandable Ecosystem



Multiple
Communication
Protocols

Military
Grade
Encryption

- PV Powered LED
- Demand Response
- Digital Ceiling Canopy
- Dynamic Motion Control
Individual • Zone • Facility

- Revenue Grade Metering
- Indirect Carbon Offset Measurement and Verification
- IoT Visualization Dashboard
- FUSION Integrated System eligible for 30% Federal Tax Credit.
 - Sec. 179(d) Deduction
 - Additional State and Utility Rebates

ANDROID Configuration Tool

CUSTOMIZATION AT YOUR FINGERTIP

Android Interface configuration tool allows businesses to make real-time adjustments to light level set-points and motion zones. Businesses can also take advantage of the master switching capability for Arc Flash compliance.

- Individual Fixture
- Zone
- Facility



*Color Tuning requires custom fixture.

CUSTOMIZABLE Visualization Dashboard

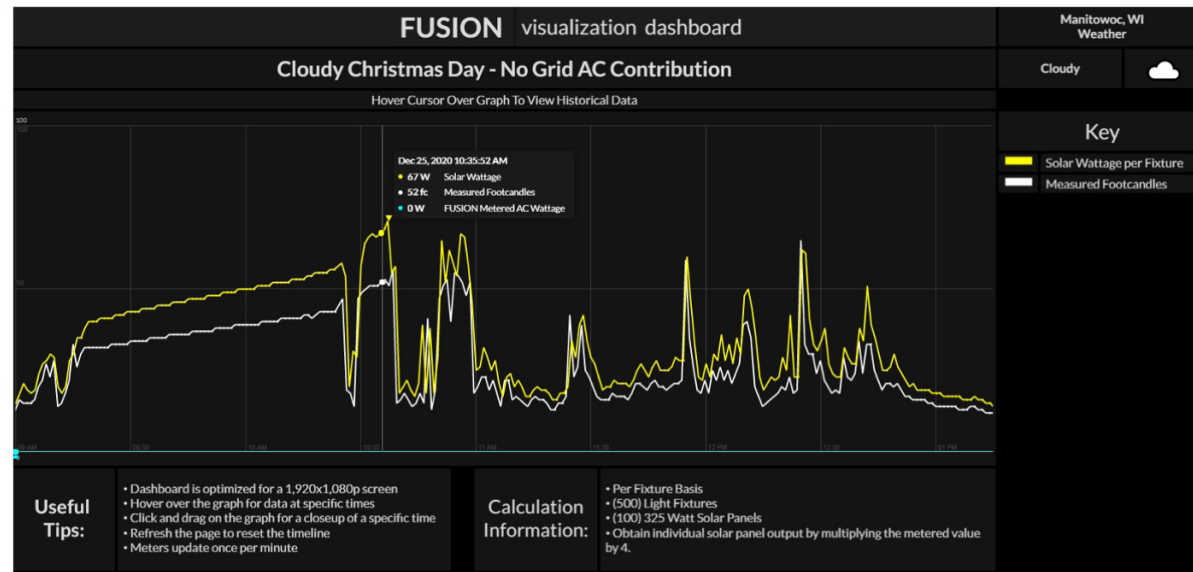


POWERED BY 

The **FUSION** Visualization Dashboard lets businesses mine and archive mission critical data while automatically messaging key performance indicators that are vital to your operation. Project performance can be verified with revenue grade metering.

FUSION Visualization Dashboard

Fusion is expandable to include interfacing with a cloud-based visualization dashboard hosted by Amazon Web Services.



The dashboard allows users to stream and archive real-time data including, but not limited to:

- Electric Usage
- Temperature
- Pressure
- Humidity
- Process Equipment

Alarms for Critical KPI's can be sent via email/text message.

At 10:53 A.M. on Christmas Eve, this 120,000sq. ft. facility in Wisconsin used zero watts of AC power, while delivering 52 foot-candles from their **FUSION** PV LED System

FUSION IoT - Wireless That Works

- **Ωmegalight® 3.0 Fixture**

- Adjustable Optics up to 20°
- Inventronics Industrial Drivers
- Superior Thermal and Optical Efficiency
- Black Emissive Coating
- Extruded Aluminum Heat Sink
- Aluminum PCB Premium LED
- 6ft Adjustable Hanging Cables

- **Genius IoT® Controller**

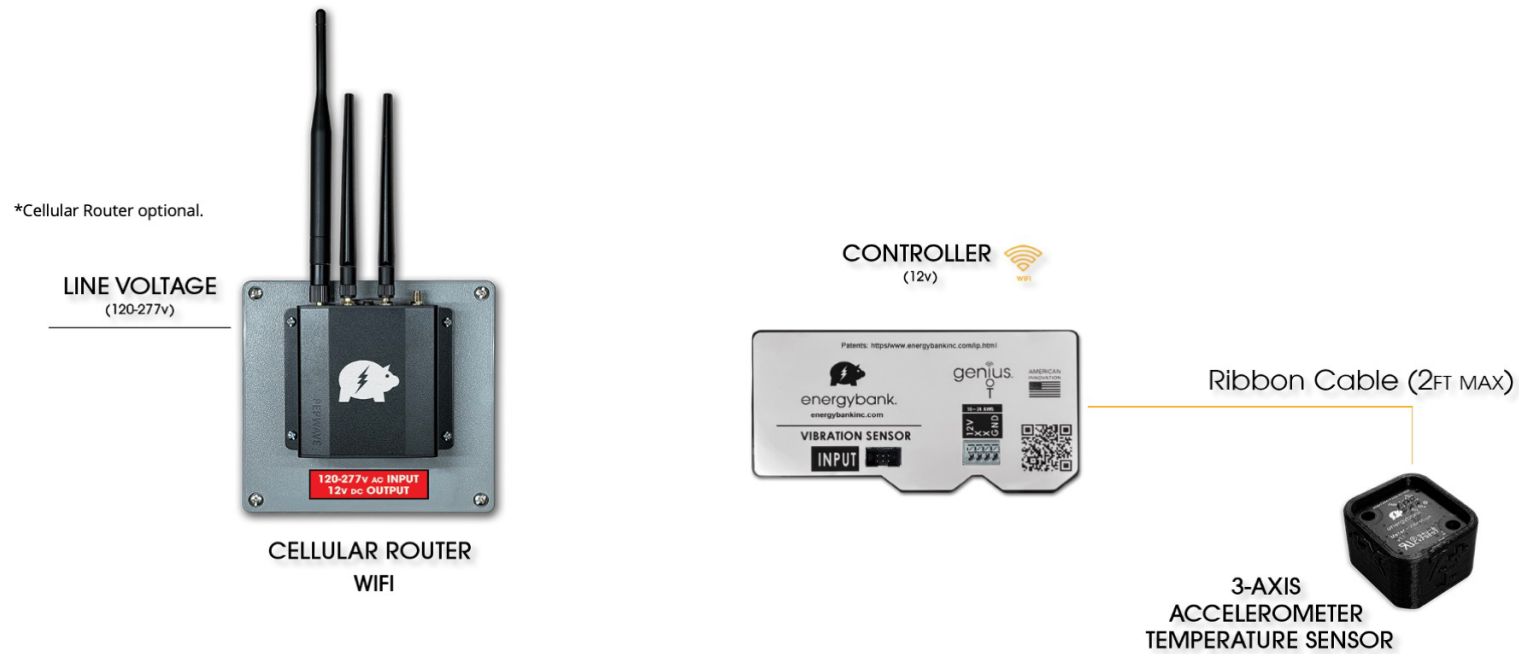
- Powerful 915MHz Wireless
- Upgradeable to FUSION PV Solar
- Dynamic Demand Based Motion Control
- Individual / Zone / Building
- 4 Levels of Setpoint
- Digital Ceiling Canopy



- **Accessory Options**

- Supports Multiple PIR Motion Sensors (3 Max)
- Emergency Battery Backup
- External Surge Protection
- External Power Supply
- AC Metering
- Vibration Sensor

Industrial Vibration Temperature Monitoring Sensor



- Full 3-Axis Measuring
- Settings and configuration are programmable via android app
- Alert Functions – Email and/ or SMS alerts based on individually customizable thresholds

Multiple Form Factors



SKYLIGHT



INTEGRATED HIGH
BAY



INTEGRATED
TROFFER

FUSION Integrated Troffer with Controls



FUSION Integrated High Bay with Controls



DZNC
MANUFACTURING



FUSION PV Solar to LED Integrated High Bay with Controls



Fluorescent Fixtures

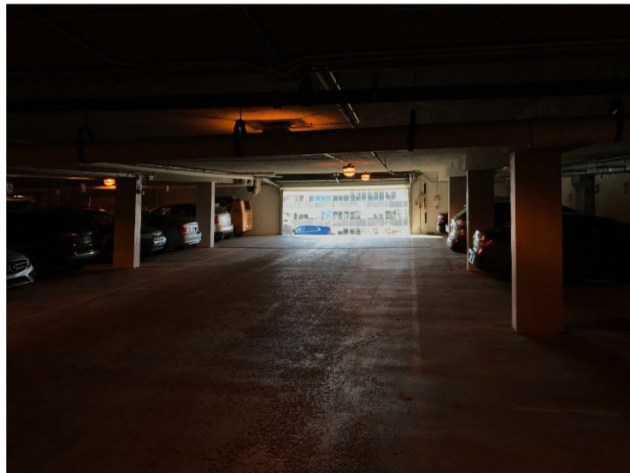
239 AC watts (metered)
26 fc (foot-candle)



45 AC watts (metered)
80 fc (foot-candle)

FUSION Parking Garage

FOXCONN[®]



FUSION Skylight with Controls



INDUSTRY VALIDATION



Thank You for the opportunity to earn your business



energybank.

www.energybankinc.com

For more information
sales@energybankinc.com
Energybank Inc, FUSION Intro 03.23.23