SUNPOWER

SUNPOWER® MONITORING SYSTEM FOR COMMERCIAL

BENEFITS

- Access real-time data online
- Track system energy performance and consumption at multiple sites
- Quickly diagnose issues with automated alerts
- View monthly and annual reports of system performance
- Calculate environmental impact

Trusted and Proven Solution

The SunPower® Monitoring System for Commercial is a comprehensive monitoring system that allows you to monitor the energy output of your solar system and keep track of overall energy performance.

With real time performance data, the monitoring system is the ideal solution for commercial businesses, government agencies, water districts, schools, the military and agricultural facilities. SunPower has been providing solar monitoring to some of the largest commercial sites around the world for over a decade.

Comprehensive Solution

The SunPower Monitoring System enables you to track performance of your overall system as well as individual system components. With detailed visibility on how much energy your system is producing, and automated alerts that trigger notifications when issues arise, managing the daily operation of your system is a breeze. With the SunPower Monitoring System you can rest assured that your solar investment is working for you every day.

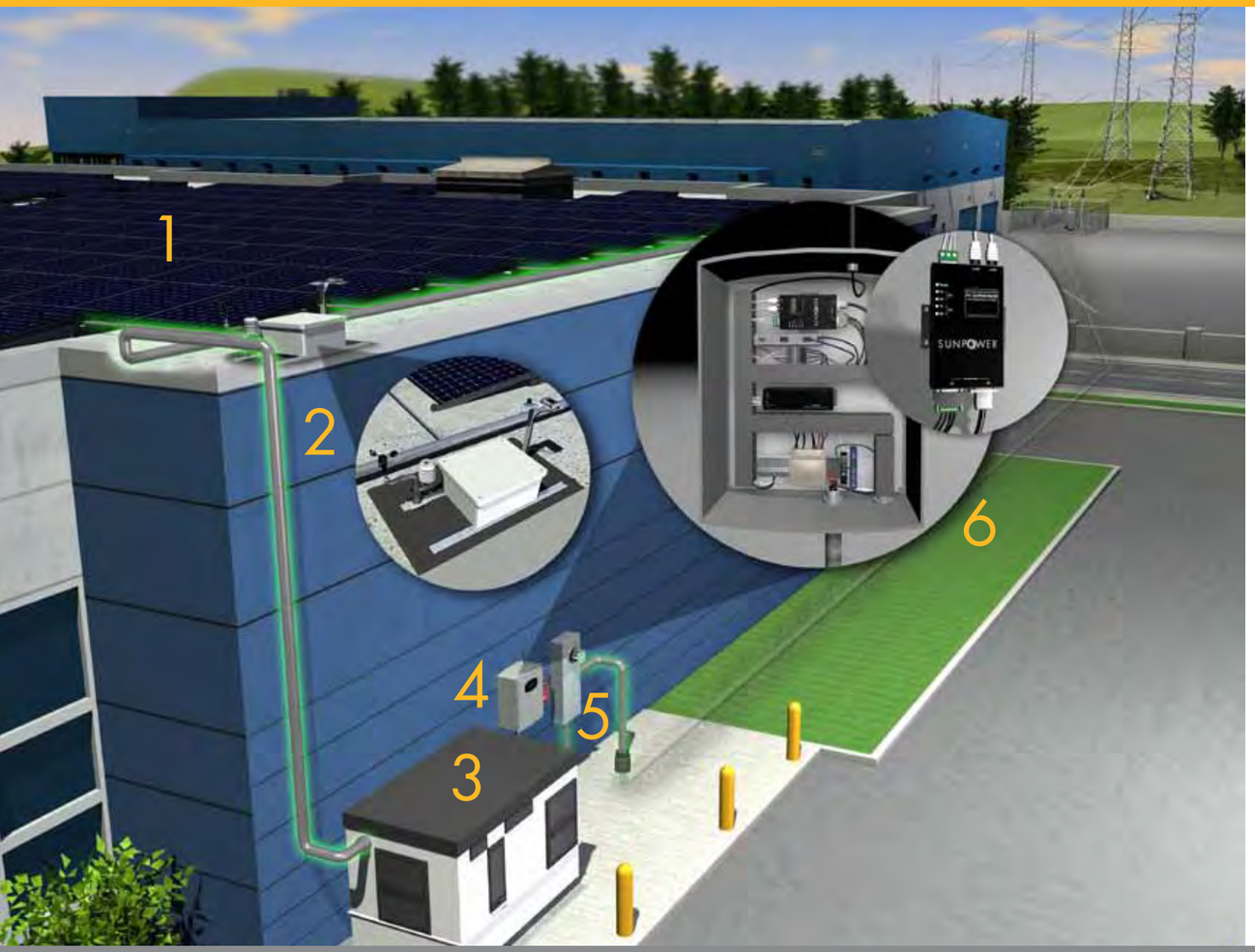
With the expanded visibility and management of energy production for multi-site commercial customers, the SunPower Monitoring System provides one of the most comprehensive monitoring systems available on the market today.

Intuitive web interface tracks system performance.

Easy Access Options

The SunPower Monitoring System can be accessed from any computer connected to the internet at sunpowermonitor.com. The monitoring website provides you with detailed visibility on your energy production and environmental savings. You can see how much solar power you are producing right now (in 15 minute increments), and review historical data generated by day, month or year.

BENEFITS OF SOLAR - CLEAN, RENEWABLE, COST EFFECTIVE SOURCE OF POWER



1 SOLAR PANELS	Solar panels absorb sunlight and begin to convert solar power almost on contact. When solar production exceeds usage, the excess power generated goes back to the grid.
2 METEOROLOGICAL STATION	The meteorological station measures temperature, wind speed and more (included with Premium service).
3 INVERTER	The inverter converts the direct current power (DC) produced by the solar panels to alternating current (AC), used by the utility grid and your business.
4 WEATHERPROOF ENCLOSURE	The weatherproof enclosure contains the PV Supervisor, cellular communication and back-up power supply for your PV solar system (included with Plus service).
5 REVENUE GRADE METER	The revenue grade meter is an optional feature that can be added to any of the monitoring systems and provides a record of energy performance.
6 PV SUPERVISOR	The PV Supervisor is the central processing unit of the system and is designed to be the key interface with net and sub meters, inverters and the optional meteorological stations.
7 WEB INTERFACE	The web interface provides you with detailed visibility on how your system is performing and how much energy your system is using.

"The SunPower Monitoring System has been a delight to work with right from the start. The graphic user interface is intuitive and accommodates the cursory interests of the casual observer, while allowing a technical user to dive deep into all aspects of system performance.

Web-based access is quick and flawless and information can be rolled up to system level or sliced down to inverter level data for all parameters. The environmental impact dashboard is comprehensive and easy to understand."

Raj V. Rajan, PhD, PE
Environmental Engineer
Trustee, India Community Center of Rochester NY

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The Right Solution for You

The SunPower Monitoring System for Commercial includes three levels of service: Core, Plus and Premium. The service offerings vary in terms of measurement, communication options and hardware features which gives you the flexibility to select the solution that best meets the needs of your business. In addition, you can subscribe to the SunPower monitoring service for just 1 year or for up to 10 years. Your SunPower dealer will work with you to help you select the right solution for your company.

HARDWARE	CORE	PLUS	PREMIUM
PV Supervisor	✓	✓	✓
Nema 4 Enclosure		✓	✓
Cell Modem		✓	✓
Battery Backup		✓	✓
Meteorological Station			✓
Reference Cell			✓
Revenue Grade Meter	Additional		

SERVICES	CORE	PLUS	PREMIUM
Subscription	✓	✓	✓
Web Interface	✓	✓	✓
Automated Alarms	✓	✓	✓
Monthly Reports	✓	✓	✓

MEASUREMENT	CORE	PLUS	PREMIUM
System Level			
Cumulative energy (kWh)	✓	✓	✓
Interval energy (kWh)	✓	✓	✓
AC Power (kW)	✓	✓	✓
Total lifetime energy (kWh)	✓	✓	✓
Inverter level			
Energy (kwh)	✓	✓	✓
Current (A)	✓	✓	✓
Power (kW)	✓	✓	✓
Voltage (V)	✓	✓	✓
Met Station			
Temp (°F)			✓
Irradiance (W/m^2)			✓
Wind speed (mph)			✓

COMMUNICATION	CORE	PLUS	PREMIUM
LAN	✓	✓	✓
Cellular		✓	✓

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CUSTOMER SUPPORT

"Follow the Sun" Technical Support Hotline toll-free number is staffed 24/ 7 to respond to problems and requests.

Our technical experts are always available to assist facility and energy managers with troubleshooting problems.

For more information about the SunPower Monitoring System for Commercial contact your dealer, call 1.800.SUNPOWER (1.800.786.7693) or go to sunpowercorp.com.