

SOLREVIEW



FEATURES

- Inverter direct & revenue grade monitoring
- Performance charting
- Real-time status notifications
- Detailed system data
- Reliable, safe & secure data storage
- SunSpec compatible

OPTIONS

- Site privacy
- XML Feed
- Sub-array monitoring (SolZone™)
- Weather station
- Automated agency reporting

WEB-BASED MONITORING

SolrenView monitoring provides PV system owners a highly accurate and real time web-based monitoring solution to maximize efficiency and profitability of their solar assets. Solectria Renewables' SolrenView web-based monitoring solution is available for use with residential, commercial and utility-scale inverters, allowing for real-time, seamless recording and reporting of PV system production. The SolrenView data logger comes standard and fully-integrated within all commercial and utility-scale inverters. A standalone SolrenView data logger is available for residential inverters. The complete SolrenView system features inverter direct monitoring, revenue grade monitoring, agency reporting, SolZone sub-array current monitoring, XML feed, kiosk view and weather station monitoring.



SolrenView™ Inverter Direct

STANDARD MONITORING PACKAGE

SolrenView Inverter Direct monitoring allows customers to see detailed operational inverter data (DC and AC) using a web enabled device. This standard package allows customers to view daily, weekly, monthly, and annual graphs up to 5 years into the past, viewing single events or long-term performance trends. The package includes e-mail and cell phone alerts with detailed descriptions of system issues and a recommended course of action.

SolrenView™ Revenue Grade Energy Production

OPTIONAL MONITORING PACKAGE

SolrenView Revenue Grade Energy Production Monitoring package option keeps track of lifetime energy produced by a customer's PV system. This package option also includes e-mail alerts with detailed descriptions of system problems and a recommended course of action. Compatible with all third party inverters.

SolrenView™ Agency Reporting

OPTION

SolrenView Agency Reporting is for customers that require a revenue grade energy production report to be sent to an agency such as NEPOOL, WREGIS, MassCEC, PG&E, SCE, CCSE, IID or PaCE. A report is generated from SolrenView Revenue Grade metering outputs and sent directly to the agency of choice. Solectria Renewables' staff works directly with agencies to activate and maintain solar production credit accounts.

SolrenView™ Kiosk View (Animated View)

STANDARD WITH ALL SOLRENVIEW PACKAGES

The Kiosk View (Animated View) provides customers with a clean, quick and easy access to a customer's PV system performance. This is a great tool for advertising and public viewing. When the "Animated View" button is clicked on the SolrenView screen, SolrenView will continuously loop through the site overview, environmental foot print, project details, site analytics, and if applicable, the detailed analytics page.

SolrenView™ SolZone™ DC Current Sub-Array Monitoring

OPTION

SolZone provides an extra level of granularity to see multiple sub-array DC currents. SolZone has the ability to compare individual PV zones against each other based on the number of sub-array fuses or 'zones' built into a Solectria factory-installed DC subcombiner. SolZone is also compatible with most third party monitoring systems.

SolrenView™ XML Feed

OPTION

SolrenView XML feed option provides a reporting framework for customers with a need to display real-time monitoring information about their PV system within their applications/website or using third party monitoring.

SolrenView™ Weather Station

OPTION

SolrenView Weather Station is a real-time weather package which allows customers to view accurate readings of crucial environmental information that affect the performance of your PV system. The weather station comes standard with a solar irradiance sensor as well as temperature sensors for ambient and module measurements. Wind speed and wind direction sensors are options that may be added to the weather station. The weather station is a great educational tool and a must-have for PPAs. Complies with RS-485 SunSpec Environmental Sensor System.

Viewable Measurements:

- Solar Irradiance
- Ambient Temperature
- Module Temperature
- Wind Speed and Direction (option)

SolrenView™ AIR

OPTION

The SolrenView AIR option permits customers to take advantage of SolrenView web-based monitoring features via a fully-integrated 3G cellular modem when standard internet access is not available at a site. SolrenView AIR may be factory integrated for any inverter 50 kW and greater (PVI 50-100KW, SGI 225-500PE, SGI 500XT & SGI 500/750XTM inverters).