

# SOLRENVIEW



## FEATURES

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

## OPTIONS

- Sub-array monitoring (SolZone)
- Weather station
- Kiosk View (Flash View)
- Automated agency reporting
- Sun Spec alliance compatible

## WEB-BASED MONITORING

Solectria Renewables' SolrenView web-based monitoring solution is available for use with any residential, commercial or SMARTGRID Inverters, allowing for real-time, seamless recording and reporting of PV system production. The SolrenView gateway hardware provides data via Ethernet (standard) or cellular modem. The SolrenView hardware comes standard and fully-integrated within all commercial and SMARTGRID inverters and is available for residential use with LCD or LITE gateway systems. The complete SolrenView series features inverter direct monitoring, revenue grade monitoring, agency reporting, SolZone sub-array monitoring, Kiosk View (flash view) system and a weather station.



## SolrenView™ Inverter Direct

### STANDARD DATA MONITORING PACKAGE

SolrenView™ Inverter Direct monitoring allows customers to see detailed inverter data (DC and AC) using a web browser. This standard package allows customers to view daily, weekly and monthly graphs up to 5 years in 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. This service is only available for the industry-leading Solectria PVI and SGI series inverters.

## SolrenView™ Revenue Grade Energy Production

### OPTIONAL MONITORING PACKAGE

SolrenView™ Revenue Grade Energy Production monitoring package option keeps an accurate count of every kWh produced by a customer's PV system. The energy produced is automatically reported to a solar program agency for convenience, if the agency reporting option is chosen. This package option also includes e-mail alarms with detailed descriptions of system problems and a recommended course of action. This package option is available for systems 1kW – multi-MW utilizing any inverter make and model.

## SolrenView™ Weather Station

### OPTION

The real-time weather package allows customers to view accurate readings for crucial environmental information. 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. This is a great educational tool and a must for PPAs.

#### *Viewable Measurements:*

- Solar Irradiance
- Ambient Temperature
- Module Temperature
- Wind Speed (optional)
- Wind Direction (optional)

## SolrenView™ SolZone™ Sub-Array Monitoring

### OPTION

While SolrenView™ provides to the customer the ability to view the total system performance, 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 sub-combiner. Each sub-array zone may be monitored and compared against each other. The data collected, monitored and displayed via web browser is viewable in various modes. SolZone™ is also compatible with many third party monitoring systems.

## SolrenView™ Agency Reporting

### OPTION

The SolrenView™ Agency Reporting is an ideal option for customers that require Revenue Grade reporting to be sent to an agency such as PTS, SCE, CCSE and PGE. A report is generated from SolrenView™ Revenue Grade outputs and sent directly to the agency of choice.

## SolrenView™ Kiosk View (Flash View)

### OPTION

The Kiosk View (Flash View) option provides customers with a clean, simple view and quick, easy access to a customer's PV system performance. This is a great tool for advertising and public viewing. This option includes custom Flash Programming only. The Kiosk View must be ordered in addition to a SolrenView™ service package. This option requires a dedicated computer and monitor, purchased elsewhere (not available for purchase through Solectria Renewables).