Inverter monitoring

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SolrenViewTM monitoring provides PV system owners a highly accurate and real time web-based monitoring solution to maximize efficiency and profitability of their solar assets. Yaskawa Solectria Solar"s 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 system features inverter direct monitoring, revenue grade monitoring, agency reporting, SolZoneTM sub-array current monitoring, XML feed, kiosk view and weather station monitoring. CLICK HERE to view a site with all SolrenView options.

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.

CLICK HERE, then click the site analytics tab to view an example.

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 and cell phone alerts with detailed descriptions of system problems and a recommended course of action. Compatible with third-party inverters.

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 Yaskawa Solectria Solar factory-installed DC subcombiner. Inverter hardware is required for SolZone. This package option also includes e-mail and cell phone alerts called SolZone Alarms with detailed notifications of sub-array problems and a recommended course of action. SolZone is compatible with most third-party monitoring systems.

CLICK HERE, then click the detailed analytics tab to view an example.

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

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generated from SolrenView Revenue Grade metering outputs and sent directly to the agency of choice. Yaskawa Solectria Solar"s monitoring team works directly with agencies to activate and maintain solar production credit accounts.

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.

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.

STANDARD WITH ALL SOLRENVIEW PACKAGESThe Kiosk View (Animated View) provides customers with a 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 footprint, project details, site analytics, and if applicable, the detailed analytics page.

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