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Monday 13 October, 2014

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Optimized market integration for PV power plants with PVGuard® FlexReportXL

Berlin, 13 October 2014 – At this year's Solar Energy UK exhibition from 14 to 16 October in Birmingham, skytron® energy will showcase an enhanced reporting feature that generates customizable plant reports with data for the entire plant portfolio. The Berlin-based company's technology has a proven track record with solar plant operators in the UK, guaranteeing trouble-free operation and enhanced performance of solar power plants around the country. The reporting technology has now been updated to meet the requirements of the new support scheme for solar energy.

"We continuously work to optimize our solutions for utility scale power plants, clearly demonstrating skytron energy's ability to contribute to improving market and system integration of solar PV generated energy," explains Stefan Degener, Managing Director of skytron energy. "At the Solar Energy UK exhibition in Birmingham, we are particularly proud to present our new reporting feature, which is part of the PVGuard® FlexReportXL. It has been designed to help UK plant operators continue to successfully market their power under the new UK trading regulations for solar energy (CfDs), which will take effect 1 May 2015 when the certificate support scheme (ROCs) for PV power plants above 5 MWp is terminated."

The PVGuard FlexReportXL generates reports and analyses on day-to-day plant performance, yields, revenues and plant availability. It allows PV plant operators to maximize their profits by collecting and evaluating historic, actual and forecasted data, taking into account the plant's key performance indices and the applicable CfD and PPA schemes. The PVGuard FlexReportXL also supports the integration of high-quality plant monitoring with commercial asset management.

Conergy UK Ltd. is one of skytron energy's partners in the UK. "Conergy's O&M business is big in the UK and internationally, and our customers value quality reporting from the growing number of large solar assets we are managing. We have teamed up with skytron energy on one project in the UK as they offer excellent monitoring technology, in particular their high-precision string current measurement system. Most solar farms operate for over 20 years and we want technology that is reliable and high quality", says Robert Goss, Managing Director of Conergy UK Ltd.

The benefit of skytron energy's advanced supervision system is its modular design, which includes intelligent combiner boxes for DC distribution, local data storage in data loggers and a special on-site server. All performance characteristics of the plant along with detailed information on irradiation and weather conditions are recorded in real time and around the clock. The information is saved in high resolution in data loggers at one minute intervals and maintained for the entire lifecycle of the plant. This assures the day-to-day plant supervision as well as long-term quality and availability of the PV plant. The stored data allows operators to review past performance conditions, forecast power production and compile comprehensive plant reports.

For further information on skytron energy's monitoring, control and supervision system, please contact sales@skytron-energy.com or **visit skytron energy at Solar Energy UK, booth I22, 14 -16 October, 2014, Birmingham.**

About skytron energy

skytron energy has been developing integrated monitoring, control and supervision systems since 1977. Now one of the leading suppliers in the industry, specializing in utility-scale and commercial power plants, it has installed monitoring and control systems in more than 600 plants with a total capacity of 5 GWp. The company's core competencies are plant condition monitoring, power plant control, remote plant supervision, system migration of existing power plants, operation & maintenance, and PV asset management. skytron energy is headquartered in Berlin, Germany. As a technology leader, skytron energy has received a number of prestigious awards, such as the highly coveted Solar Industry Award for the "skylog" Data Logger System or the InterSolar Award for the "PVGuard" Supervision Platform and for the "StringGuard" string current measurement system.

For further information please visit www.skytron-energy.com

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