

ARCHITECTURAL ENERGY CORPORATION COLLABORATES WITH ONSET COMPUTER CORP. TO DEVELOP A NEW DATA LOGGING SYSTEM

New HOBO® FlexSmart™ logger accepts vast array of sensors via snap-in modules, simplifies energy monitoring applications

BOULDER, COLO., September 14, 2005 – Architectural Energy Corporation, a national leader in building energy efficiency products and services, today announced their 2-year collaboration with Onset Computer Corporation, a world leader in battery-powered data loggers, in developing the HOBO FlexSmart logger, a new modular, reconfigurable data logging system.

The FlexSmart logger, announced today by Onset, enables energy and facility management professionals to quickly and easily solve a broad range of energy and industrial monitoring applications without having to purchase a toolbox full of loggers and sensors. Snap-in signal conditioning modules convert signals from nearly any type of sensor, and powerful software makes set-up and deployment fast and easy.

“FlexSmart meets the data collection needs of energy service companies, commissioning agents, utility companies, engineering firms and others who require a low-cost, accurate and flexible data acquisition system,” said Michael Holtz, president of Architectural Energy Corporation. “Our collaboration with Onset has allowed us to continue our commitment to provide exciting new products for the energy and building marketplaces. The FlexSmart is a ‘next generation’ logger that builds on our previous MicroDataLogger® data acquisition system.”

“Today’s energy professionals want to be able to connect any type of sensor the job calls for without sorting through a box full of loggers or spending countless hours programming a system,” said Mark McSherry, president of Onset. “The FlexSmart logger’s flexible, open-ended architecture makes it instantly compatible with just about any sensor out there, making it an ideal ‘all-in-one’ monitoring tool that can be easily modified or expanded as requirements change from job to job.”

FlexSmart signal conditioning modules simplify the process of connecting a wide range of Onset and third-party sensors. System measurements include True RMS AC current and voltage, power demand (kW) and consumption (kWh), differential air pressure, pulse and contact closure, gauge pressure, as well as plug-and-play sensors for measuring temperature, relative humidity, and other environmental conditions. Once a sensor has been configured, the logger automatically stores its settings, thus allowing the sensor to be automatically recognized the next time it is used.

The FlexSmart logger provides high-accuracy measurements, offering +/-0.25% full-scale accuracy over

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0-20mA and 0-20VDC ranges, and features 12 volt sensor excitation power with programmable warm-up times. It also accepts external power, has a large 512K memory for long-term or fast-sampling deployments, and is housed in a rugged case designed for industrial environments.

The HOBO FlexSmart Logger will be available from Architectural Engineering Corporation and Onset. Please visit <http://www.archenergy.com> or <http://www.onsetcomp.com> for more detailed production information and pricing.

ABOUT ARCHITECTURAL ENERGY CORPORATION

Founded in 1982, AEC is an interdisciplinary, privately held engineering and sustainable research & design firm concerned with energy, buildings, and the environment. The company has been producing battery-powered data loggers for the energy services market since 1992. The mission of AEC is to hasten the transition to a sustainable economy by assisting its clients to improve the energy efficiency, environmental responsiveness, and use of daylighting and renewable energy in their new and existing buildings. AEC employs approximately 65 people and has offices in Boulder, San Francisco, and Chicago. Please visit <http://www.archenergy.com> for more information.

ABOUT ONSET COMPUTER CORPORATION

Onset Computer Corporation has been producing small, inexpensive, battery-powered data loggers and embedded controllers since 1981, and has sold over 900,000 loggers that are used throughout the world by over 40,000 customers. The company manufactures a broad range of data logger and weather station products that are used to measure temperature, humidity, light intensity, voltage, and a broad range of other parameters. Onset products are used in a wide range of energy management, research, commercial, industrial, and educational applications.

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