



Press release

Elster announces SCADA connected meters using ALPHA® Technology

Bridging the gap between stand-alone revenue metering and SCADA connected point metering

Raleigh, North Carolina, USA 31 January 2008. Elster Electricity, part of Elster Group, a world leader in Advanced Metering Infrastructure (AMI) and integrated metering and utilization solutions to the gas, electricity, and water industries, today announces the availability of two new SCADA connected revenue meters: (1) the A1882 ALPHA® Modbus meter, and (2) the A1884 ALPHA® DNP 3.0 meter. Both meters are a part of the 1880 ALPHA meter family. Elster Electricity is now taking orders for the meters.

The A1880 revenue meters are based on Elster's extensive global metering technology, including both IEC and ANSI standards, and are available for markets in Latin America, Asia, Australia, New Zealand, North Africa, and Europe. These meters are highly accurate, robust, reliable, cost effective, and are system-ready meters for advanced commercial, industrial, and substation metering applications.

"Elster is proud to announce these cost-effective ALPHA platform-based metering products with SCADA connectivity," stated Rafael Cabrera, Senior Business Development Manager, Elster Electricity. "Elster is bridging the gap between stand-alone revenue metering and SCADA connected point metering. We recognize that there is a demand for increased instrumentation and revenue information at the C&I and utility substation level with a proven record in revenue metering. These products, which are built on the ALPHA meter technology and have a long history of reliability and accuracy, are designed to meet this demand."

The new A1884 ALPHA DNP meter offers direct access to revenue and instrumentation data via DNP 3.0. This makes meter point data directly available to SCADA systems at the substation. Instant information allows the utility to make quicker and better decisions.

The new A1882 ALPHA Modbus meter offers direct access to revenue and instrumentation data via Modbus. This makes meter point data directly available to large C&I electricity consumers through their Modbus networks in support of innovative demand-side management programs.

Features include the following:

- Bidirectional, 4 quadrant metering
- Class 0.2 accuracy class metering
- Conforms to IEC 62052-11 and IEC 62053-21 metering standards
- Auxiliary power supply
- Data logging and event recording
- Circuit diagnostics
- Modbus protocol support (A1882 ALPHA) via RS-232 or RS-485 connection
- DNP 3.0 protocol support (A1884 ALPHA) via RS-232 or RS-485 connection
- ALPHA meter energy measurement technology
- Additional serial connection



- Four fully programmable relays (for alarm, load control, TRueQ tests, pulse or rate indication)
- Wide operating voltage range, 49 V to 528 V
- Up to 8 channels of load profile data
- Up to 32 channels of instrumentation profiling data
- Standard 0.5 MB extended memory

Benefits include the following:

- The meters are based on the reliable, cost effective and proven ALPHA revenue meter technology platform.
- The meters transmit revenue and instrumentation data directly to the SCADA system and meter reading systems and integrate easily into existing substation SCADA systems or large C&I industrial control systems.
- The meters utilize existing meter configuration software for setup and configuration, eliminating a high learning curve to install new metering points. Operators trained in Elster's Metercat software configuration tool will be able to configure the A1880 ALPHA meter series lowering installation cost and eliminating costly delays.

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About Elster Electricity

Elster Electricity is a leading provider of electricity metering products and services throughout the world. Located in Raleigh, North Carolina, Elster Electricity offers integrated, cost-effective solutions including smart meters, communication solutions, and metering automation systems for residential, commercial, and industrial applications. Elster Electricity serves customers through a global sales force. For additional information, visit www.elsterelectricity.com.

About Elster Group

Elster Group is a world leader in Advanced Metering Infrastructure (AMI) and integrated metering and utilization solutions to the gas, electricity and water industries. Elster's high quality AMI and AMR products, systems, and solutions reflect the wealth of knowledge and experience gained from over 170 years of dedication to measuring precious resources and energy. Elster provides world class solutions and advanced technologies to help utilities more easily, efficiently and reliably obtain and use advanced metering intelligence to improve customer service, enhance operational efficiency, and increase revenues. Elster's AMI solutions enable utilities to cost-effectively generate, deliver, manage and conserve the life-essential resources of gas, electricity and water. The group has over 7,500 staff and operations in 38 countries, focused in North and South America, Europe, and Asia. For additional information, visit www.elster.com.