

Elster Bridges Solutions for Public Power

Evolution in the primary and secondary metering markets

The metering industry is experiencing a renaissance that reflects the rapidly evolving market place.

Replacement of single phase residential meters with more functionality, primarily communications capabilities, began brewing as early as 2004. Clearly now, utilities want metering with advanced functionality as well as two-way communications. Over the past few years, utility customers began transitioning to Advanced Metering Infrastructure (AMI) systems and smart metering.

The image features the Elster logo at the top, which consists of a stylized globe icon made of blue dots above the word "elster" in a lowercase, sans-serif font. Below the logo is a photograph of a young girl with curly hair, wearing a red, white, and blue patriotic hat with stars and stripes. The background of the photo is a warm, orange-red glow with abstract, glowing lines that suggest energy or technology.

Elster's EnergyAxis® System delivers smart metering solutions for public power

Therefore, the market for standalone single phase residential meters continues to decline, from 4.5 million meters annually to 1 million units in 2008. In addition, there are an ever-growing number of used meters in good condition that are being removed for AMI projects that have entered the secondary market. Elster, with electric, water, and gas metering products and solutions, will continue to listen and respond to market challenges and needs. With the downward trend of non-communicating single phase meters, Elster is excited to offer two solutions to this changing market segment.

The electromechanical single phase meter has been the work horse for the metering industry for over 100 years. The combination of a declining market, rising costs of raw materials, and the need to better utilize the large number of stand alone single phase meters being removed from service, has caused Elster to address the situation.

Given this list of circumstances, Elster would like to introduce a single phase standalone "green" meter.

Elster's solutions for the secondary market is the certified AB1G single phase meter.

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Elster will use a pre-qualified meter chassis and new parts in offering a new warranted meter that fully complies with ANSI and other metering standards. We will replace the rotor, bearings, disc, and name plate with new Elster parts.

Think of this approach as restoring a vintage automobile, where the body will be used, but the engine, transmission, and other critical parts will be replaced.

The AB1G meter will be available as a Class 200, Form 2S, standard clock

dial 13 8/9 RR register and we will have the option to supply either a glass or polycarbonate cover. Elster will also support current OEM module installation.

To meet Elster's existing quality standards, Elster will calibrate and test AB1G meters and we will offer the same warranty, manufacturing quality controls, calibration standards, and calibration reports that are normally supplied with our products. Elster will continue to support customer-specific serial numbers as in the past.

Elster prides itself both in the quality of its products supplied and in being a good steward of the environment. Recycling good electromechanical meters not only fulfills our responsibility and commitment to the environment but also meets the needs of the new secondary meter market.

Elster solutions for bridging to the future

Many of our customers have stated that they intend at some point to install AMI communicating meters and systems but have not determined the specifics for the business case or have budget to proceed. Elster has an exciting suite of products to offer customers who face this dilemma.

We can provide to the customer a REX2-EA™, single phase or urban network meter that has communications technology installed, but can be used as a non-communicating meter. When the customer decides that the time is right for a systems deployment, they only have to install the collectors and the MAS communications server and AMI functionality can be realized. There is no need for the meters that have been installed to be revisited, therefore, eliminating the need for costly visits back to the field locations. Moreover, the customer can use this approach to do

a “test drive” of the AMI system. As an example, if there is an apartment complex or new housing project, a collector can be installed when there is sufficient density and be read remotely so that the customer can understand the benefits of the EnergyAxis® system. As well, WESCO can offer meter reading services to the utility where data is posted and available to the customer via the internet.

Elster looks forward to partnering with all utilities – large and small – to plan the best solutions for the challenges we face by using the most powerful, cost effective tools for

increasing productivity and reducing costs which ultimately improves the utility’s bottom line.

For more information about the AB1 or the AG1G meters, or more advanced smart meters and EnergyAxis systems for the smart grid, see www.elster.com.

Contact your local WESCO Branch or visit www.wesco.com



WESCO Distribution, Inc.

WESCO goes the distance to assist in hurricane recovery

Every year, the Atlantic Coast braces for the six-month hurricane season, which peaks August through October.

In 2008, Hurricanes Gustav and Ike slammed the Gulf Coast challenging our customers to meet the electrical needs of hundreds of thousands of customers in Texas and Louisiana.

Entergy Corporation, with annual revenues of nearly \$13 billion and approximately 14,700 employees, is a major integrated energy company engaged in electric power production and retail distribution operations. Entergy owns and operates power plants with approximately 30,000 megawatts of electric generating capacity, and it is the second-largest nuclear generator in

the United States.

WESCO has supplied transmission, distribution, and MRO materials to Entergy for almost 15 years. Most goods flow through Entergy’s distribution warehouses in Beaumont, Texas; Hammond, Louisiana; Little Rock, Arkansas; and Jackson, Mississippi to serve their 2.7 million utility customers. During major weather-related emergencies, Entergy prepares these facilities to serve as staging areas to quickly distribute materials needed for repairs.

WESCO had First Responders in place in Louisiana prior to Gustav’s landfall. Branches in Lafayette and Hammond were fully staffed with all employees out of those locations as

well as additional first responders. Staff were also behind the scenes at a national level to aid in the procurement and expediting of orders. In all, 66 employees were deployed from WESCO to aid in the Gustav and Ike hurricane preparation and recovery.

Gustav was the second worst hurricane in Entergy’s 95-year history. Outages peaked at over 960,000 at its worst. Thanks to WESCO’s proactive response, Entergy’s preparations made in advance of the storm contributed directly to the power that remained in New Orleans.

Our customers were able to meet nature’s challenges head-on, thanks to the “whatever it takes” assistance from WESCO!

