



Unifying solutions
for the **Smart Grid**



Welcome to **Connections**, your source for up-to-date EnergyAxis news and information

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Webster Electric Co-op replaces entire meter base with EnergyAxis

Webster Electric Cooperative (Marshfield, MO) has selected the Elster EnergyAxis® AMI Smart Grid solution. Webster Electric Cooperative plans to deploy 18,500 EnergyAxis Smart Meters before the end of 2010. With EnergyAxis, Webster will be able to remotely read residential and commercial Smart Meters, eliminating their current method of customer self-reads and estimated billing.

"When we decided to modernize our network with Smart Meters and a new communications network, we selected Elster because of EnergyAxis' field-proven technology and the company's extensive experience in the electric industry. This deployment of Elster's EnergyAxis AMI solution will substantially upgrade our billing infrastructure and customer service," said Tom Houston, general manager, Webster Electric Cooperative.

<http://www.energyaxis.com/news-release0100.asp>

Columbia Power and Water Systems (Columbia, TN) has selected Elster for its multi-utility Smart Grid project

Elster recently concluded a 60-day system acceptance test at CPWS, which involved rigorous analysis of its EnergyAxis software, communications modules and meters at 600 electricity and water locations.

CPWS will deploy approximately 25,000 Elster smart electricity meters and 25,000 smart water meters over the next five years. EnergyAxis will enable CPWS to enhance its delivery of electricity and water services by increasing meter accuracy, providing additional load data for engineering analysis, reducing water loss, improving responsiveness for restoring unplanned outages and adding customer service offerings such as demand response.

"With its proven track record of successful Smart Grid deployments and the outstanding reliability and performance we saw with the EnergyAxis solution during our testing process, we believe we have found the best Smart Grid solution to bring maximum benefit to CPWS and its customers," said Jim Clark, general manager of CPWS.

<http://www.energyaxis.com/news-release0110.asp>

Register Today: New and Refresher Training for EA_MS 7.0*

Mark your calendar and sign up today. Four full days of training will accelerate your team's performance and ability to leverage new and existing functionality in EnergyAxis.

Dates: August 2-5, 2010 (Monday - Thursday, lunch provided)

Location: Elster Solutions Training Center, Raleigh, NC;

Cost per attendee: \$2750 USD; class size will be limited to NINE participants

Agenda: Visit <http://energyaxis.com/training> for complete details and to register.

In addition to system overview, sessions include administration, navigation, element/meter setup, on request reads, schedule setup and monitoring, gatekeeper synchronization, troubleshooting, billing & demand, TOU, LP, water, disconnect and other topics.

Who should attend: You could benefit if you...

- Had training, but haven't used many of the features of EA MS in a long time
- Want to refresh your understanding of long-time features and learn more about the new features in EnergyAxis 7.0
- Were trained "on the job" and want to expand your skills
- Are a new user at a utility with an existing system

Instructors: Sessions will be taught by experienced Elster training staff and include substantial hands-on exercises with applicable hardware as well as software.

Seats are limited, so register today at <http://energyaxis.com/training>.

*This is a new training opportunity for existing EnergyAxis users; Elster will continue to provide on-site training services to new customers.

Prevent Meter Tampering and Theft of Electricity, Water or Gas

Since the day the first meter was deployed, unscrupulous people have attempted to alter meters to steal utility-provided resources. Some approaches are simplistic, others sophisticated. What is certain is that as security technology evolves, so do the inventiveness and sophistication of the thieves.

Inspired by real concerns regarding "smart grid electric meters being altered to steal electricity", author Jeff McCullough describes measures currently provided by Elster meters and the Elster EnergyAxis solution to detect and/or prevent theft, tamper and loss of electricity, water or gas.

Download the white paper at <http://www.energyaxis.com/pdf/WP42-1010A.pdf>

Demand Response: Watt's in it for you?

By James Harstad, Technical Manager, Elster Solutions

Demand Response is supported by EnergyAxis, giving the utility greater ability to manage load and the consumer more control over energy consumption and costs. As you may know, EnergyAxis supports a number of third party load control devices, programmable communicating thermostats (PCT) and in-home displays.

The other day I happened to be in a utility employee's home demonstrating one of the EnergyAxis Home Area Network (EA HAN) devices. His 8-year-old son was mesmerized by the in-home-display and its ability to immediately show the money saved by turning off the TV, computer, video console, and other appliances.

As I continued my demonstration, we found ourselves in darkness. The boy had turned off the living room lights, studied the display and announced how much he had saved! What a game changer! With the savvy of the Game Boy generation, this child immediately made the cause-and-effect connection between his actions and the reduced cost shown on the in-home display.

See this game changer for yourself! Not a slide show or a simulation, you will get a live demonstration with real data, EnergyAxis and a selection of third-party products. Contact your Elster representative today to schedule your EnergyAxis demand response demonstration. If you use the on-line contact form at <http://www.energyaxis.com/ea-inf-contacts.asp>, please select "Demand Response Solutions".

Partner Spotlight: CalAmp delivers "anytime/anywhere" communications



EnergyAxis works with the leading telecommunication service and hardware providers as a key component of its unparalleled interoperability. When it comes to choosing the best private network to deliver an end-to-end Smart Grid solution, CalAmp is one of Elster's "go to" technology partners.

CalAmp Wireless Networks specializes in utility class wireless solutions for SmartGrid, Distribution Automation, and SCADA. From narrowband to broadband, licensed to unlicensed, private to public infrastructure, their technology supports both fixed and mobile connectivity for mission critical communications. They offer world-class pre and post sales support to make planning, implementation, and maintenance of wireless networks easier with long-lasting results. Elster is leveraging these capabilities to provide backhaul connectivity for EnergyAxis smart metering applications and grid modernization initiatives.

For more information about CalAmp, please contact your Elster representative. Also visit www.calamp.com.

Upcoming Events

- [CARILEC Engineering Manager's Conference](#), July 26-29, St. Maarten
- [EA MS Training](#), August 2-5, Raleigh, NC
- [Autovation](#), September 12-15, Austin, TX;
 - Toronto Hydro presents "Transformer Smart Metering in Toronto Hydro's Smart Grid Community", Sept 15, 8:45am
 - Elster participates in AMI vendor panel discussion Sept 14, 8:00am