

## MESO Gathers Leaders for Electric Executives Conference

Electric officials are constantly looking forward. With issues such as personnel and infrastructure constantly on their minds, senior system administrators need to be vigilant in their planning.

Leaders from public power communities across Oklahoma came together November 6 to discuss three critical issues to electric operations during the first MESO Electric Executives Conference.

Conference participants heard from industry experts in the areas of cyber security, physical security and distributed energy. “We selected these three topics because of the significant impact they will have on public power in Oklahoma in the very near future.” said Tom Rider, MESO’ General Manager. “Other utilities across the country have already faced a number of issues in the areas of cyber and physical security. Oklahoma’s time is coming.”

James Crabbe, Network Technician with the Oklahoma Municipal Power Authority kicked the conference off talking about cyber security issues. Crabbe told the audience hackers want access to computer systems for one of two reasons to steal personal information on the system or to destroy data and systems.

According to Crabbe, the first line of defense is to ensure the system has the most up-to-date hardware, operating system and security software available. He pointed out it takes years to hack a 10 character password while it takes hours to hack a six character password.

His take away note was “Change all passwords  
(see LEADERS, page 7)



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## Tom Dougherty Would Like to Live at the Lake

*Editor's Note: As part of MESO's monthly newsletter, we will give you some background on the MESO team members in a Q&A format. For this issue, we talked to Tom Dougherty, MESO's Director of Job Training and Safety.*



and Duncan, so I guess they liked my experience.

**Q. What do you see as the biggest issues facing public power today?**

A. There are new OSHA rules and requirements which will be a challenge for all our municipalities to put in place. We

have training in place to help get everyone up to date.

**Q. How do you think MESO benefits public power in Oklahoma?**

A. With the programs we offer, like safety training, communications, etc., we are like an extension of their staff.

**Q. What do you think the benefits are of public power?**

A. The funds stay with the city, not the shareholders, which in turn helps all city departments and offers more opportunity for growth within those cities.

(see DOUGHERTY, page 6)

**Q. How did you get your start with MESO?**

A. I like to tell folks I lost a bet with Tom Rider, but I had known Tom and Shane Woolbright — MESO's former General Manager — for a long time when the Director of JT&S position came open. I had been a lineman forever, more than 30 years. I've worked in Edmond

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\*Job Training & Safety Participants

## OMPA Working Toward Maintenance Crew

Responding to a call from several small member cities in northwestern Oklahoma, the Oklahoma Municipal Power Authority (OMPA) is working toward putting a new line maintenance crew in place.

Andy Bowen, Mayor of Waynoka, and Paul Southwick, City Manager of Fairview, approached the OMPA Board this summer about the need for assistance with maintaining their distribution systems.

At issue was a lack of linemen in that part of the state that would work for a municipal electric system. As a result, the OMPA Board authorized its Engineering Services to look into developing a line crew to assist members and would be supported by cities that wanted to use the service.

The OMPA staff has been working since that time to

establish an electric maintenance crew to be based in the northwestern part of the state. The crew would be available not only to assist the members in that area, but also be available to other members, in addition to performing the current ongoing maintenance and inspections for OMPA and member-city-owned substations and lines.

On Nov. 19, Waynoka became the fifth city to agree to participate in funding the crew, along with the cities of Laverne, Fairview, Goltry and Pond Creek. Plans are to base the crew out of Fairview.

These cities who have stepped up to provide the necessary funding to allow the project to move forward will have first call on the crew services. However, if there is a request from a non-participating city and the crew is



available, they could respond to other city requests and that city would be billed according to the hours worked and equipment/materials used.

The goal is to have contracts with members approved, crew hired and equipment purchased and in place so the program can begin in the spring of 2015.

For additional information or answers to questions, contact Jim McAvoy or Drake Rice at OMPA.

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## GRDA Helping Cities with Economic Development Efforts

An effort by the Grand River Dam Authority to help its Oklahoma municipal customer communities with economic development got underway this fall.

In September, the Wagoner Public Works Authority (WPWA) and GRDA organized the first in a series of “visioning and planning” sessions for citizens. As part of the greater economic development plan, these sessions were designed to produce an action plan for the public power community as it works towards achieving its future development goals.

At that initial meeting, GRDA Chairman Tom Kimball told the participants that his organization (which has provided Wagoner’s wholesale electricity needs since 1947) was committed to assisting all its community partners and municipal electricity customers in becoming stronger and more prosperous.

Also present at the meeting was Tom Gray, President of the Smith & Gray Company. As the industrial economic development consultant for GRDA, Gray’s firm helped lead the sessions and gather input from citizens. Wagoner Public Works Director Dwayne Elam was also on hand to give his perspective on Wagoner’s future.

Other sessions were held in October and November, with the final gathering scheduled for mid-December. As a result of the meetings, citizens were able to form three committees to address Wagoner’s most important “visioning” elements. Those committees will focus on infrastructure upgrades/updates, community funding mechanisms and community marketing/perception/media relations.

At a mid-November session, citizens also met with Rickey Hayes, Founder and Principal of Retail Attractions, LLC. While Smith & Gray is serving as industrial economic development consultant to GRDA, Hayes’ company is focused on retail development.

Hayes told the audience that Wagoner’s public power status can be an important advantage for recruiting new retail businesses. He also said that strong community involvement, as displayed by a large turnout for the meeting, is also a good starting point.

“I’ve been in communities of 250,000 people that couldn’t get this many interested people in the room,” Hayes told participants. “So it’s obvious you all want the same things for Wagoner.”


In April, the GRDA Board approved consulting contracts with both Smith & Gray and Retail



Wagoner Mayor James Jennings (standing) welcomes participants to the GRDA sponsored Economic Development Visioning Meeting, on Monday, November 17, at the Wagoner Civic Center.


Attractions to provide these economic development consulting services to all its municipal customers. While the effort began in Wagoner, sessions will soon be scheduled in other public power partner communities.

# public power



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## Oklahoma Municipal Power Authority Joins Hometown Connections as Sales Affiliate

To help its members gain access to innovative utility management products and services, the Oklahoma Municipal Power Authority (OMPA) will serve as a sales affiliate of Hometown Connections, the utility services subsidiary of the American Public Power Association.

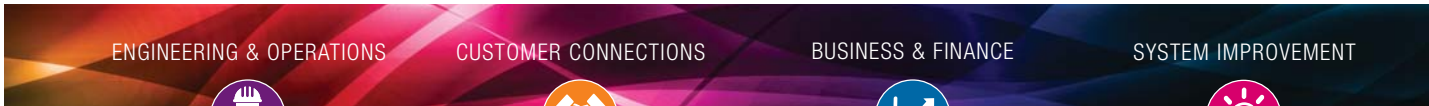
“In addition to meeting the power and energy requirements of Oklahoma’s public power systems, OMPA works to support the operational and service needs of its member utilities and their customers,” said Dave Osburn, General Manager. “By helping our members access the innovative products and services offered through Hometown Connections, we are helping their communities address the many economic, regulatory, and technological challenges impacting today’s electric marketplace.”

OMPA will help promote to its membership the metering, SCADA, outage management, distributed

generation, cyber security and other vendors allied with Hometown Connections, the organizations announced today. OMPA will help coordinate in its region the sales activities of the Hometown Connections personnel and partners, as well as advertise and dedicate media exposure to the offerings from Hometown Connections.

Tim Blodgett, Hometown Connections President and Chief Executive Officer, said, “We are honored to welcome the Oklahoma Municipal Power Authority to our network

of public power officials. By coordinating in Oklahoma the educational and sales efforts of our vendor partners, as well as sharing our advertising, articles and other information, OMPA will help its members identify leading products at discount pricing and access Hometown’s deep knowledge of utility management best practices gathered through our work with more than 850 public power systems across the U.S.”



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## New OSHA Rule on the Reporting of Work-Related Injuries Goes into Effect in January

A new rule from the Occupational Safety and Health Administration (OSHA) going into effect Jan. 1, 2015 tightens a requirement for employers to notify OSHA about certain workplace injuries.

“MESO is proud of the job training and safety programs we deliver to members,” said Tom Dougherty, Director of Job Training and Safety. “We have followed this rule change closely and are taking steps to make certain our members are ready to be in compliance.”

This new rule is separate from OSHA's new standards for electric power generation transmission and distribution work that were announced last April. (That rule, which includes requirements for

electrical protective equipment and revises utility workplace safety standards, became effective on July 10, 2014, although several provisions have compliance dates in 2015.

The new rule, which was announced in September, is part of OSHA's record-keeping regulations. All employers covered by the Occupational Safety and Health Act, even those who are exempt from maintaining injury and illness records, are required to comply with OSHA's new reporting requirements for severe on-the-job injuries and illnesses.

“The new rule requires employers to notify OSHA of work-related fatalities within eight hours, and work-related in-patient

hospitalization, amputations or loss of an eye within 24 hours,” Dougherty said. “The old regulation required employers to report only work-related fatalities and in-patient hospitalizations of three or more employees. Reporting single hospitalizations, amputations or loss of an eye was not required under the previous rule.”

According to OSHA, employers will have three options for reporting the severe incidents. They can call their nearest OSHA office during business hours; call the 24-hour OSHA hotline at 1-800-321-OSHA (1-800-321-6742); or file a report online.

For more information, contact Dougherty at [tomd@meso.org](mailto:tomd@meso.org).

## Dougherty

(continued from page 2)

**Q. Members may not always understand all the things MESO does, if you could teach them one thing, what would that be?**

A. MESO has many training opportunities, but if we don't offer a service they need, we probably know who does or we will look into putting something in place to meet their request.

**Q. Customers may not always understand the municipal electric utility business, if you teach them one thing, what would that be?**

A. A municipal system is the closest to its customers who are the owners and still maintains an office that is open in the town.

**Q. What is your biggest accomplishment?**

A. I helped my wife, Lettie, raise two wonderful daughters, Heather and Leslie. We now get to spoil one granddaughter, Amelia.

**Q. What does your “regular” day look like?**

A. I will teach one or two training sessions, answer questions from member cities, work on the next school training session, and look for more ideas to help our members.

**Q. What makes you most proud about working at MESO?**

A. When I have a Training project such as a climbing school and just to see the improvement in the young lineman as they learn.

**Q. Do you have a favorite sports team? Who are they and why?**

A. The Denver Broncos — my wife lived in Colorado, and once we

married they became my team. I didn't have a choice.

**Q. Where did you grow up?**

A. I grew up in Wellston, Oklahoma – AMERICA. It is a small town full of friendly folks, you know everyone.

**Q. What do you enjoy doing in your time away from work?**

A. My wife loves camping. We have a RV and would live at the lake if we could.



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## Leaders

(continued from page 1)



to 10 or more digits, using a combination of letters, numbers and symbols.”

Chief Brian Edwards, Grand River Dam Authority, and Homeland Security Superintendent Chris Carlson focused on the need for constant vigilance when it comes to the physical security of a utility’s infrastructure. Edwards and Carlson noted that intentional damage to electric facilities is usually a form of sabotage or vandalism. In either case, the disruption to service can be significant.

Edwards and Carlson encouraged participants to train their personnel, electric and non-electric to be more observant around all utility structures – electric, gas, water, wastewater and other physical sites belonging to the municipality.

Their take away note was “Educate your police personnel on what to look for in a substation. What is normal, what would be out of place, such as leaking fluid or spill sites.”

The conference’s final speak was John DiStasio, president of the Large Public Power Council (LPPC). The LPPC represents the 26 largest public power systems in the country.

Distributed generation is the integration of electric generation resources within a service area. This can include both wind and solar generation.

The costs for installing solar panels onto home roofs have dropped dramatically in the past few years, DiStasio noted. As such, many consumers are considering adding solar panel to their homes either as a way to curb their costs in purchasing electricity or as a way to support environmentally friendly ways to generate power.

His take away note was “Don’t wait. Begin planning now for how you will respond to customers who want to add personal distributed generation to the electric grid. Begin the process of separating infrastructure costs from energy costs and educating customers on the difference.”

Planning for the next Electric Executives Conference has already begun. Individuals are encouraged to submit topic suggestions to Rider at [tom@meso.org](mailto:tom@meso.org).

### MESO Level 1 Climbing School

January 14 – 15, 2015

Sallisaw, Oklahoma

Contact us for more information at (405) 528-7564.

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## Grid Security Summit: Creating a Culture of Security Is Imperative as Threats Evolve

*From the November 13, 2014 issue of Public Power Daily*

By Laura D'Alessandro  
Editor, Integrated Media & Communications

As the grid security landscape rapidly transforms, it is important that a security culture spread throughout utilities and government agencies, public power leaders said at the kick-off to the American Public Power Association's inaugural Grid Security Summit on Nov. 12.

Grid security is an issue that requires industry-government cooperation, cross-departmental measures within agencies, and utility-wide understanding and effort, said Kevin Wailes, CEO of Nebraska's second largest retail electric provider.

Wailes, CEO at Lincoln Electric System in Lincoln, Nebraska, also serves on the Electric Sub-sector Security Coordinating Council, or ESCC. Just like utilities have made safety a part of their culture, he said, they must do the same with cyber and physical security measures.

"I think now we have this culture that we have to look at cyber and physical security," Wailes said of the electric industry. "The threats continue to change and continue to adapt."

"These issues really morph and change over time and at any time they can be active in many different forms," said APPA President and CEO Sue Kelly. "It's a many-fronted effort. I'm very proud of our staff in how they've followed these issues as they progress."

Wailes gave APPA an in-depth look at his work with the ESCC in a Q&A for Public Power magazine's Grid Security issue. Below is an excerpt. Find more articles in the special issue of Public Power magazine.

What steps has the ESCC taken to prepare for a major physical or cyber attack, or threat of attack, on a utility or utilities?

Historically, the utility industry has focused on reliability and we've been pretty good at doing that. However, we're looking at different kinds of threats, especially long-term ones, and how we can deal with them.

The focus of the ESCC is more on malicious

threats. But we also recognize the need to make sure we're better at responding to severe storm events.

A good example of our preparation efforts is [the NERC-sponsored] GridEx II [a grid security exercise that took place in 2013] developed from GridEx I, a large nationwide drill held in 2011.

GridEx II involved both cyber and physical security. At the end of the second half day of the drill, industry and government executives met to participate in an extension of the original drill that escalated from where it ended with the general utility participants. The facilitators identified issues and asked the participants what kind of information and resources they needed to address the situations. That allowed everyone to understand the potential holes in response plans, as well as the potential issues our counterparts had to address in those situations.

The exercise brought about a much closer relationship and understanding, between high-level government and utility officials.

The exercise also encouraged a better dialogue among government agencies and better communication among utilities. It helped to build the relationships that are needed if a significant event occurs. For all of us, it helped answer the question: What role would we have in such an event? Our industry has always provided mutual aid, but this drill took it to a higher level.

What steps might the ESCC take in the event of a major physical or cyber attack on a utility or utilities?

That's still a question. Does the ESCC as a group have a role or might it ultimately provide tools and guidance on how to deal with large scale events?

We're still working on how the group would engage if there was an event of significant national security impacting the industry. We don't want to replicate anything that's already being done. And we don't want to put ourselves between other authorities.

### **SAVE THE DATE**

**2015 MESO Public Power Conference**  
**April 26 – 28, 2015 • Norman, Oklahoma**  
*Look for more details coming soon.*



## Pass Cybersecurity Bill, APPA and Nine Other Electricity Groups Tell Senate Leaders

In the remaining days of the 113th Congress, the nation's lawmakers should pass a Senate bill called the Cybersecurity Information Sharing Act of 2014 (CISA), the American Public Power Association and nine other electricity organizations said Nov. 20.

In a letter to Senate Majority Leader Harry Reid, D-Nevada, and Minority Leader Mitch McConnell, R-Kentucky, APPA and the others said the cybersecurity bill, S. 2588, "is broadly supported by the business and critical infrastructure owner-operator community."

"Enactment of information sharing legislation is urgently needed to further enhance communication among the federal government, the North American electric power sector, and other critical infrastructure sectors, which in turn will improve our ability to defend against cyber attacks," said the 10 electricity sector groups.

Joining APPA in signing the letter were: the Canadian Electricity Association, Edison Electric Institute, Electric Power Supply Association, GridWise Alliance, Large Public Power Council, National Rural Electric Cooperative Association, Nuclear Energy Institute, Transmission Access Policy Study Group, and Utilities Telecom Council.

"Every day, the industry faces threats that, if not immediately addressed and remedied, could have operational consequences," the electricity groups told Reid and McConnell. "We must and do respond swiftly and thoroughly to these threats to ensure the

protection of the electric grid and our ability to maintain reliable electric service to customers."

If the bill passes the Senate before the 113th Congress adjourns in December, it could be conferenced with H.R. 624, Cyber Intelligence Sharing and Protection Act (CISPA) and be sent to President Obama for his signature.

"Although the electric power sector already has in place mandatory and enforceable reliability and cybersecurity standards, the need for government and industry to better share actionable security information in a timely, confidential manner remains," they wrote. "The more thorough our understanding of the threats our sector faces, the more quickly and effectively we can prevent or mitigate cyber attacks."

S. 2588, a bipartisan bill that

easily passed the Senate Select Committee on Intelligence, "provides the essential mechanisms and protections for improved information exchange to occur," said APPA and the others.

"The electric power sector takes very seriously its responsibility to maintain the reliability, safety, and security of the electric grid," they told the Senate leaders. Beyond the mandatory reliability and cybersecurity standards already in place, the industry also uses a "defense-in-depth" mitigation strategy against cyber and other threats, they added.

They noted that the electric power sector also is working with the federal government through the Electricity Subsector Coordinating Council and the Electricity Sector Information Sharing and Analysis Center to improve the flow of and access to information.

### UPCOMING 2015 MESO & APPA EVENTS

January 14 – 15, 2015  
**MESO Level 1 Climbing School**  
Sallisaw, OK

March 9 – 12, 2015  
**APPA Legislative Rally**  
Washington, D.C.

April 26 – 28, 2015  
**MESO Public Power Conference**  
Norman, OK

May 16, 2015  
**APPA Lineworkers Rodeo**  
Sacramento, CA

May 17-20, 2015  
**APPA Engineering and & Operations Technical Conference**  
Sacramento, CA

June 5-10, 2015  
**APPA National Conference**  
Minneapolis, MN

Sep 23-24, 2015  
**Oklahoma Municipal League Conference**  
Tulsa, OK

October 1, 2015  
**MESO Lineworkers Rodeo**  
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Christmas Season and a great 2015.



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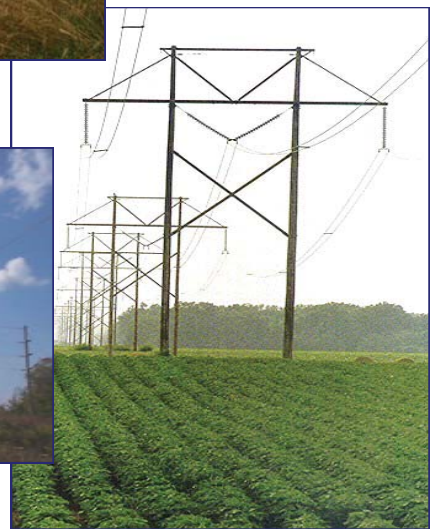
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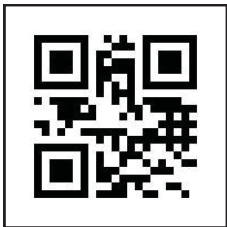
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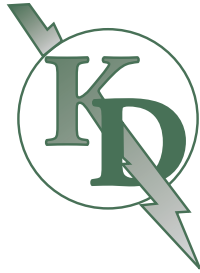
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