



# Cybersecurity Summit

November 13-14, 2018 • Austin, Texas

GET UP TO SPEED ON THE LATEST  
IN CYBERSECURITY AND LEARN  
FROM THE EXPERIENCES OF  
OTHER UTILITIES

[www.PublicPower.org/cybersummit](http://www.PublicPower.org/cybersummit)



**Cybersecurity** is among the top concerns that keep public power leaders like you up at night. Whether you're just starting the cybersecurity journey or have a plan you need to refresh in the face of evolving threats, don't miss the Cybersecurity Summit. Learn from leading experts and colleagues that have traveled this road already.

**“Security by obscurity is not true — you are not secure because you are small. If you're connected, they can find you. In fact, cyber criminals often look for small organizations that they think might be less protected. Cybersecurity is a problem that confronts everyone. The difference is in how you think about it and what you do about it.”**

Michael Daniel, Cybersecurity Advisor to President Obama (2012 - 2016) and President, Cyber Threat Alliance

## Who Should Participate

- General managers/CEOs
- Mayors, board/city council members
- Policy, operations, communications executives
- Security officers
- IT, OT managers
- Industry partners, subject matter experts

This event is closed to the press.

# Tuesday, November 13

Noon - 1 p.m.....**Registration**

1 - 1:30 p.m.

## Welcome and Introductions

**Mike Hyland**, Senior Vice President, Engineering Services, American Public Power Association

**Khalil Shalabi**, Vice President, Strategy, Technology, and Market Operations, Austin Energy, Texas

1:30 - 2:30 p.m.

## Keynote Presentation

### High Tech, High Threat: Next Generation Cyber Challenges

Today, almost any device with an on-and-off switch can be connected to the Internet and to other devices. By 2020, there could be more than twenty-six billion connected devices. As this Internet of Things and other technologies evolve, so do threats to the electric grid. Today, cyber attackers are targeting more than laptops and servers. They are looking to break in at the operations, distribution, and even consumer level. Learn about new cyber vulnerabilities and how you can protect against them. Review the risks that emanate from the use of drones, robots, artificial intelligence, autonomous systems, AMI, and more. Learn how to mitigate the risks so you can leverage technologies of the future to provide safe, reliable service.

**Peter Morin**, Director, Cyber Security Services, KPMG, Halifax, Nova Scotia, Canada

2:30 - 2:45 p.m.....**Break**

2:45 - 4 p.m.

## Know Your Enemy: Active Defense & Penetration Testing for Utilities

Understanding your adversaries and how they operate is crucial to cyber defense. This intelligence can lead to more effective prioritization of controls and improved detections for organizations "hunting for evil" in their networks. This knowledge of adversary capabilities can also be leveraged to simulate real-world attack scenarios on infrastructure during Penetration testing efforts and reveal the risk remediation that matters most. Hear from two public power utilities that have used Active Defense and Penetration testing to better protect their IT/OT systems.

**Dan Gunter**, Principal Threat Analyst, Dragos Inc., San Antonio, Texas; **Brent Heyen** and **Mark Johnson-Barbier**, Senior Principle Analysts, Cyber Security Architecture, SRP, Phoenix, Arizona; and **Jessica Matlock**, Director, Government Relations, External Affairs and Strategic Accounts, Snohomish County PUD, Everett, Washington

4 - 4:15 p.m.....**Break**

4:15 - 5:30 p.m.

## Assessments Made Simple: The New Cybersecurity Scorecard

The new Cybersecurity Scorecard from the American Public Power Association is being used by a growing number of public power utilities to assess cybersecurity risks and build up defenses.

Based on the DOE's Electricity Subsector Cybersecurity Capability Maturity Model, the scorecard — at a basic level — allows your utility to start assessing your cyber risks and vulnerabilities by completing a self-assessment comprising 14 questions. Based on the score, you get customized recommendations you can use to build a cybersecurity action plan. Learn how other utilities have benefited from using the scorecard to issue a wake-up call to management and get buy-in from policymakers to invest in cybersecurity. You can sign up for the scorecard platform at no charge at the end of the session.

**Carter Manucy**, Cyber Security Manager, Florida Municipal Power Agency, Orlando, Florida

5:30 - 6:30 p.m.

## Reception

# Wednesday, November 14

8 – 8:30 a.m.....**Registration**

8:30 – 9 a.m.

## DOE Opening Address

9 – 10:15 a.m.

### Better Informed Is Better Prepared: Threat Alerts and Analysis

An essential component of your cyber defense system is to monitor industry-wide and cross-sector threat alerts so you'll know what you should be prepared for. Two trusted sources for threat information and analysis are the E-ISAC and MS-ISAC. E-ISAC offers situational awareness on security threats, remediation, task force reviews, and other resources. MS-ISAC, operated by the nonprofit Center for Internet Security, is the go-to resource for cyber threat prevention and recovery for U.S. state, local, tribal, and territorial government entities. Hear from both entities about the threat monitoring and analysis services they offer. Learn from the experience of a public power utility that has used both portals to stay aware of threats. Find out how you can participate in these portals, distill the information, and plan your responses and action plan.

**Kenneth Carnes**, Chief Information Security Officer, New York Power Authority, White Plains, New York; **Bill Lawrence**, PMP, Vice President and Chief Security Officer, E-ISAC, Washington, D.C.; and **Ryan Spelman**, Senior Director, Center for Internet Security, Albany, New York

10:15 – 10:30 a.m.....**Break**

10:30 – 11:45 a.m.

### An Unclassified Threat Briefing

The U.S. faces a complex global cyber threat. The Intelligence Community World Wide Threat Assessment notes that the leading state intelligence threats to U.S. interests will continue to be Russia and China. Other adversaries will pose local and regional cyber threats to U.S. interests. Adding to these threats is the clear targeting of the energy sector. Get information to help your organization understand threat actors and discuss options for enhancing energy security and resilience.

11:45 a.m. - 1 p.m.

### Lunch Keynote

**Tim Roxey**, Chief Cyber Security Officer for the North American Electric Reliability Corporation (NERC), Washington, D.C.

1 – 1:15 p.m.....**Break**

1:15 – 2:45 p.m.

### Building a Cybersecurity Culture: Tips and Tricks

Humans are the weakest link in the cybersecurity chain. Changing the leadership and staff culture to be more aware is often harder than putting the right hardware and software in place. Yet without the culture change, no cyber plan can be effective. Hear from a change management expert as well as a public power utility official on how you can motivate and train everyone on your team to practice good cyber hygiene and secure the frontiers of your utility against attackers.

**Chris Kelley**, Vice President, Beam Reach Consulting Group, Severna Park, Maryland

2:45 – 3 p.m.....**Break**

3 – 4:30 p.m.

### Cybersecurity Innovations: from Research to Reality

The Department of Energy's National Laboratories have served as leaders of scientific innovation for more than seventy years. They address large scale, complex research and development challenges with a multidisciplinary approach that places an emphasis on translating basic science to innovation. Learn more about what the National Labs are doing on the cybersecurity front and how they translate cyber threat information into actionable programs. See how you can work with the labs and what resources you can get from collaborating with DOE.

**David Manz**, PhD, Senior Cyber Security Scientist, National Security Directorate/Cyber Security Group, Pacific Northwest National Laboratory, Richland, Washington; and **Virginia "Ginger" Wright**, Domestic Nuclear Cyber Program Manager, Idaho National Laboratory

4:30 – 5 p.m.

### Closing Discussion: Next Steps

Join Association staff and your utility peers at a roundtable discussion on the issues addressed throughout the summit. Discuss your challenges and questions with your peers. Plan next steps and see how public power can work together to secure the grid against cyber attacks.

5 p.m.....**Adjourn**

## Hotel

### InterContinental Stephen F. Austin Hotel

701 Congress Avenue  
Austin, TX 78701

### Reservations

**Main Telephone:** 512-457-8800

**Group Rates:** Single/Double \$249 per night, plus 15% tax

**Reservation Cut-off Date:** October 15, 2018

**Reservation Telephone:** 1-800-235-4670

**Group Code:** JOQ or Power Forward

**Online Reservation Link:** <https://www.publicpower.org/CyberSummit> (look under Hotel)

## Registration

<https://www.PublicPower.org/CyberSummit>

Register online or download a registration form

### Registration Fees

|                            | Before Oct. 15 | After Oct. 15 |
|----------------------------|----------------|---------------|
| <b>Association Members</b> | \$ 645         | \$ 695        |
| <b>Nonmembers</b>          | \$1,290        | \$1,340       |

Not yet a member? Join today and save \$645 on your conference registration. Call 202-467-2944 or email Membership@PublicPower.org.

## Cancellation Policy

Registrants who cancel on or before Nov. 5, 2018 are entitled to a refund of the registration fee, minus a \$50 cancellation fee. Registrants who cancel after Nov. 5 will not receive a refund, but may send a substitute to the event. Registrants and no-shows who do not cancel on or before Nov. 5 are responsible for the full registration fee and are not entitled to a refund.

Cancellations must be made in writing and emailed to: Registration@PublicPower.org.

## Contact Us

Get the latest program updates and register online at [www.PublicPower.org/CyberSummit](http://www.PublicPower.org/CyberSummit).

### Program Questions

Ursula Schryver  
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202-467-2980

### Registration Questions

Registration@PublicPower.org  
202-467-2978

### Hotel Questions

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202-467-2941

### Sponsor Inquiries

Haley Herbst  
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The banner features a dark blue background with a futuristic, circuit-like pattern of glowing lines and arrows. In the top right corner, there is a circular logo for the American Public Power Association Academy. The main text is in large, bold, white font on an orange background. Below the title, there is a calendar icon, the dates 'November 12-13, 2018', and a location pin icon with 'Austin, Texas'. At the bottom, there is a call to action in white italicized font.

**AMERICAN PUBLIC POWER ASSOCIATION ACADEMY**

# Public Power Forward Summit

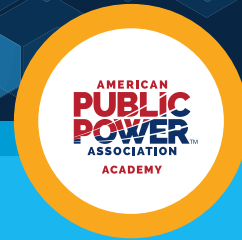
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