



Stay current on utility cybersecurity threats and strengthen your strategies for monitoring and responding to them with experts and peers.

November 18 - 20
2019 | **THE ACADEMY**
Cybersecurity Summit
Nashville, Tennessee

PublicPower.org/CyberSummit



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2019

THE ACADEMY

Cybersecurity Summit

Nashville, Tennessee

If cybersecurity is among your utility's top concerns or priorities, then you can't miss the Public Power Cybersecurity Summit. This is your chance to hear from leading experts and your public power colleagues about evolving threats and the strategies to mitigate them. Whether you are forming a new cybersecurity strategy or want to update your plan to align with leading practices, the Summit can help you understand the landscape and connect on practical solutions for utilities of any size.

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.

Monday, Nov. 18

Pre-Summit Seminars

8 a.m. – 4 p.m.

DOE's CyberStrike Workshop **FREE!**

Recommended CEUs .7/PDHs 6.5/CPEs 7.8

Get a hands-on, simulated demonstration of a cyberattack, drawing from elements of the 2015 and 2016 cyber incidents in Ukraine, and defend against a mock cyberattack on the industrial control equipment you routinely encounter. The U.S. Department of Energy's Office of Infrastructure Security & Energy Restoration, in collaboration with the Electricity Information Sharing and Analysis Center and Idaho National Laboratory, developed this workshop to prepare energy sector owners and operators in the U.S. for a cyber incident impacting industrial control systems. Build your skills and learn from industry experiences that give you insight into the multifaceted interdependencies between the country's critical infrastructure and how you can detect threats and respond within compressed timelines to prevent highly impactful consequences.

Tim Conway, CyberStrike Instructor, Idaho National Laboratory

8:30 a.m. – 4:30 p.m.

Cybersecurity for Industrial Control Systems: Architecture, Asset Inventory, Network Security Monitoring & Event Detection

Recommended CEUs .7/PDHs 6.5/CPEs 7.8

Building off of the Association's introductory cybersecurity courses, take a technical focus to outlining a cybersecurity program in the industrial control system environment. Review the principles of a defensible architecture, learn how to conduct a thorough cyber asset inventory, and discover the necessary event detection techniques and network security monitoring tools to identify an attack in the ICS. Explore how network security monitoring provides visibility into the operational technology network, including determining a baseline for normal operations and alerting you to unexpected events. The course is ideally suited for utility IT or ICS technical personnel who are responsible for, or interested in, applying cybersecurity standards and best practices to the industrial environment.

Gus Serino, PE, Principal ICS Security Analyst, Dragos, Inc., Boston, Massachusetts

Tuesday, Nov. 19

7:30 – 8:30 a.m.

Registration & Coffee

8:30 – 9:15 a.m.

Welcome and Introductions

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

Decosta Jenkins, President & CEO, Nashville Electric Service, Tennessee; and Chair, American Public Power Association

9:15 – 10 a.m.

KEYNOTE PRESENTATION

Threat Briefing: Utilities, Be Aware

Threat actors continue to focus on how to break into the U.S. power system, with attempts becoming more frequent and sophisticated. The threats do not stop coming after you make improvements to your systems. Hear what you need to know about this evolving threat landscape and what you need to watch for now and in the future to keep your utility protected.

Speaker TBA

10 – 10:15 a.m.

Break

10:15 – 11:45 a.m.

I Was Hacked: True Stories from Utilities

The warnings aren't exaggerated if they are true: municipalities and organizations have had critical files encrypted in ransomware attacks. Hear true stories of utilities that were hacked and learn how they recovered and revamped their cybersecurity measures to come out stronger on the other side.

Victor Lay, City Administrator, City of Spring Hill, Tennessee; and **Chris Lindell**, Electronic Systems Analyst, Beatrice Board of Public Works, Nebraska

11:45 a.m. – 1 p.m.

LUNCH KEYNOTE

DOE's Cyber Update

Get an update from the Department of Energy on its cybersecurity initiatives and hear about new developments of interest to public power.

Speaker TBA, Department of Energy, Washington, DC

1 – 1:15 p.m.

Break

1:15 – 2:45 p.m.

GridEx V: What Did We Learn?

The North American Electric Reliability Council's Grid Security Exercise (GridEx) is an opportunity for utilities to demonstrate how they would respond to and recover from simulated coordinated cyber and physical security threats and incidents. Discuss some of the early lessons learned from the public power utilities who participated in GridEx V, including ways to strengthen essential crisis communications relationships.

Warren Brooks, PE, Manager-Electric Line Engineering, City Utilities of Springfield, Missouri; **Ken Lewis**, Principal Planning Analyst, Business Continuity & Emergency Management, Salt River Project, Phoenix, Arizona; and **Shanna Ramirez**, Vice President of Integrated Security, CPS Energy, San Antonio, Texas

2:45 – 3 p.m.

Break

3 – 4:15 p.m.

E-ISAC Industry Engagement Program

Learn about the E-ISAC's Industry Engagement Program, an innovative effort started by public power utilities to foster collaboration and information sharing between the E-ISAC and utilities. Learn how to be a part of the feedback loop, discuss ways to take action on information that is shared, and hear examples of changes that have been made because of feedback from public power organizations.

Randy Crissman, Sr. Reliability and Resilience Specialist – Utility Operations, New York Power Authority, White Plains, New York; and **Bluma Sussman**, Associate Director, Member Engagement, Electricity Information Sharing and Analysis Center, North American Electric Reliability Corporation, Washington, D.C.

4:30 – 5:30 p.m.

Roundtable Discussion

Join your fellow attendees for in-depth discussions on topics covered throughout the day.

5:30 – 6:30 p.m.

Reception

Wednesday, Nov. 20

8 – 8:30 a.m.

Networking & Coffee

8:30 – 9:45 a.m.

Don't Go It Alone: Making the Most of Strategic Partnerships

It is okay to ask for help with cybersecurity. Learn how public power utilities use strategic and innovative partnerships to manage cybersecurity activities, including using cyber mutual aid and teaming up with universities.

Carter Manucy, *Cyber Security Manager, Florida Municipal Power Agency, Orlando, Florida*; and **Scott Smith**, *CISSP, CGCIO, Chief Information Security Officer, City of Bryan, Texas*

9:45 - 10 a.m.

Break

10 – 11:15 a.m.

Recruiting, Retaining and Training Your Cybersecurity Workforce

Cybersecurity personnel are in demand, and we aren't just competing with other utilities for talent. Hear how public power utilities are reaching this workforce, what their staffing plans are for the future, and how they are training employees to develop critical cybersecurity skills.

Sharon Chand, *Principal, Cyber Risk Services, Deloitte & Touche LLP, Chicago, Illinois*; and **Fred Christie**, *Chief Information Officer, Easton Utilities Commission, Maryland*

11:15 - Noon

Closing Discussion

Synthesize what you learned in a roundtable discussion with your peers on the issues addressed throughout the summit, including ongoing challenges and new questions. Plan your next steps and talk about how public power can work together to secure the grid against cyber attacks.

Noon

Summit Adjourns

Accreditation & Certification



Continuing Professional Education (CPE) Credits

The American Public Power Association is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be addressed to the National Registry of CPE Sponsors, 150 Fourth Ave. N., Suite 700, Nashville, TN 37219-2417. Website: www.nasbaregistry.org.

Earn up to 9 CPE credit hours for attending the summit, or up to 24.6 CPEs for also attending pre-summit seminars. All sessions are intermediate-level, group-live offerings with no prerequisites and no advance preparation required. Hours and areas of study are subject to change based on the final course agenda. For more information regarding administrative policies, such as clarification of requirements, complaints, and refunds, please contact EducationInfo@PublicPower.org.

Continuing Education Units (CEUs)

The American Public Power Association is accredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU.

Professional Development Hours (PDHs)

APPA educational practices are consistent with the criteria for awarding Professional Development Hours (PDHs) as established by the National Council of Examiners for Engineering and Surveying (NCEES). Course eligibility and number of PDHs may vary by state.

Reliable Public Power Provider (RP3) Designation

Participating in conferences and seminars offered by the American Public Power Association's Academy is an easy way to earn points toward the Reliable Public Power Provider (RP3®) designation. RP3 is the Association's program to recognize and reward public power utilities that demonstrate basic proficiency in four important disciplines: reliability, safety, workforce development, and system improvement. For more information, visit www.PublicPower.org/RP3.

Hotel

Nashville Marriott at Vanderbilt University

2555 West End Ave.
Nashville, TN 37203

RESERVATIONS

Telephone: (615) 321-1300

Group Rate: Single/Double \$249 per night, (plus tax, 15.25%, plus City tax of \$2.50 per night)

Reservation Cut-off Date: October 28, 2019

Reservation Telephone: 1-800-533-0127

Group Code: 2019 Public Power Forward & Cybersecurity Summit

Online Reservation Link: <https://book.passkey.com/event/49921635/owner/6143/home>

CANCELLATION POLICY

Registrants who cancel on or before November 12, 2019 are entitled to a refund of the registration fee, minus a \$50 cancellation fee. Registrants who cancel after November 12 will not receive a refund but may send a substitute to the event. Registrants and no-shows who do not cancel on or before November 12 are responsible for the full registration fee and are not entitled to a refund.

Cancellations must be emailed to Registration@PublicPower.org.

CONTACT US

Get the latest program updates and register at www.PublicPower.org/CyberSummit

Program Questions

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Registration

www.PublicPower.org/CyberSummit

Register online or download a registration form.

REGISTRATION FEES

Pre-Summit Seminar: DOE's CyberStrike Workshop **FREE**

Pre-Summit Seminar: Cybersecurity for Industrial Control Systems: Architecture, Asset Inventory, Network Security Monitoring & Event Detection

	Before Oct 21	After Oct 21
Association Members	\$650	\$700
Nonmembers	\$1300	\$1350

Cybersecurity Summit

	Before Oct 21	After Oct 21
Association Members	\$745	\$795
Nonmembers	\$1,490	\$1,540

Register for both summits and save!

Save \$100 on your total registration price when you register for both the Cybersecurity Summit and the Public Power Forward Summit. Discount will be applied automatically.

Cybersecurity Summit (Nov 19-20) & Public Power Forward Summit (Nov 21-22)

	Before Oct 21	After Oct 21
Association Members	\$1,390	\$1,440
Nonmembers	\$2,880	\$2,930

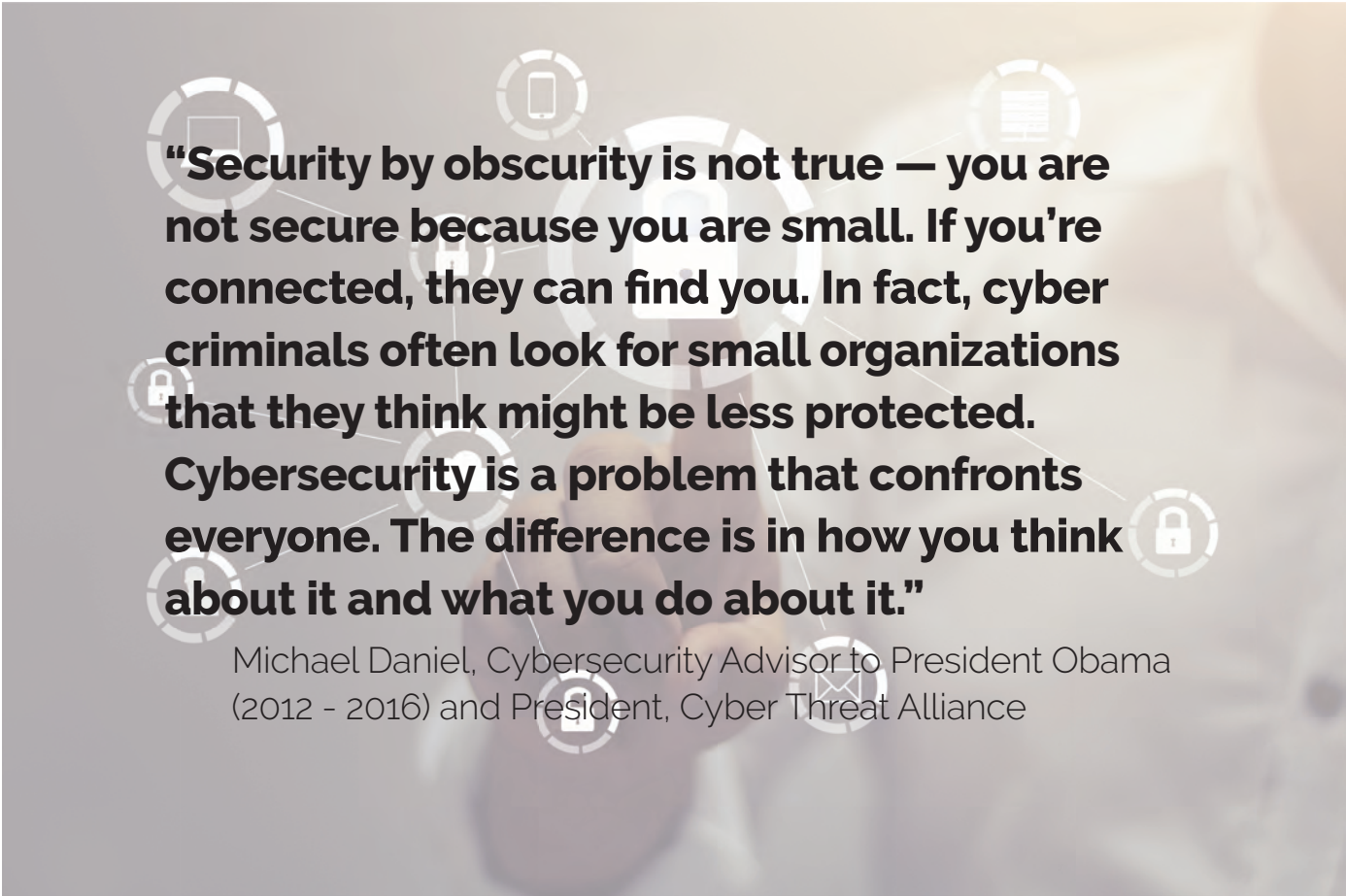
Not yet a member? Join today and save \$745 on your conference registration. Call 202-467-2944 or email Membership@PublicPower.org.

Sponsor

As of July 23, 2019

Thank you to our sponsor for the generous financial support to help us offer the best experience for attendees.





“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