



# Public Power Forward Summit

November 12-13, 2018 • Austin, Texas

NEW TECHNOLOGIES, NEW  
EXPECTATIONS, NEW PLAYERS  
ARE YOU READY?

*[www.PublicPower.org](http://www.PublicPower.org) under Education & Events*



# Public Power Forward Summit

**“As your trade association, we help you keep up with new technologies and opportunities as well as to assess what may be coming down the pike and prepare for it. To do that, we need to look beyond our own industry, at global trends that are reshaping everyday life. These trends will affect how we serve our retail customers in the coming years.”**

**Sue Kelly, President & CEO, American Public Power Association**

**Join the conversation about our evolving future at the Public Power Forward Summit. Get ideas from your peers in public power and preview the global landscape with futurists and visionaries.**

## Who Should Participate

- General managers/CEOs
- Executives in strategy, policy, operations, communications
- Mayors
- City council and governing members
- Industry partners and consultants

# Monday, November 12

7:30 – 8:30 am Registration & Coffee

8:30 – 9:15 am

## Evolving to Our Future: Global Trends

**Sue Kelly**, *President and CEO, American Public Power Association*

## Building a Better Austin: Innovative Energy Solutions

**Jacqueline Sargent**, *General Manager, Austin Energy, Texas*

9:15 – 10 am

## Keynote Presentation

**Scott Ungerer**, *Founder & Managing Director, EnerTech Capital*, has been a visionary and recognized leader in venture capital investing for the traditional and advanced energy sectors for nearly 20 years. He looks for opportunities that reduce the cost and/or improve the customer experience related to all aspects of energy supply, delivery and usage. His areas of expertise include companies that sell into the following sectors: central and distributed power generation; electric transmission; electric, natural gas and water distribution; energy management for the customer premise; broadly defined Intelligent Grid; and transportation. He serves on the E Source Advisory Committee, the Industrial Internet Consortium (Chairman of the SmartGrid TestBed Program's Advisory Group); and formerly served as a board member of the Smart Grid Interoperability Panel (SGIP); Chairman of the VC Advisory Board for the National Renewable Energy Lab; member of the Battelle Energy Advisory Council; and member of the Cleantech VentureNetwork Advisory Board.

Scott will share his thoughts on the future of the energy industry, customer expectations and what public power utilities can do to be successful.

10 – 10:15 am.....**Break**

10:15 – 11:45 am

## Store Up Your Energy Storage Options

Federal and state regulations are encouraging energy storage. FERC is leaning toward a greater role for storage in the energy markets. Several states are offering grants and even setting energy storage targets or mandates. Coast to coast, public power utilities of all sizes have adopted or are exploring how to deploy storage to shave peak loads, reduce costs, and increase

reliability. See what the future holds and learn how your utility can leverage new opportunities. Examine the latest storage technologies and determine what might be best for you.

**Felix Aguayo**, *Director, Distributed Electricity and Storage, EDF Renewable Energy, San Diego, California; and Nitzan Goldberger*, *State Policy Director, Energy Storage Association, Washington, D.C.*

11:45 am – 1 pm

## Lunch Keynote

## Tap into the Evolving Energy Ecosystem

Electrification of transport, home heating, and water heating provides opportunities for load growth, but also may provide challenges to your existing infrastructure in meeting the demand for these new technologies. Consider how you need to adapt your business model and infrastructure to take advantage of new loads with electrification, and examine the role of the grid in supporting distributed energy resources, dealing with changing loads, and meeting evolving customer expectations. Discover how to unlock the potential of new DER technologies with 360-degree resource planning and integration, targeted investments, and continuous operational awareness.

**Rob Chapman**, *Vice President, Energy & Environment, Electric Power Research Institute, Palo Alto, California; and Paul Zummo*, *Director, Policy Research & Analysis, American Public Power Association, Arlington, Virginia*

1 pm – 1:15 am.....**Break**

1:15 – 2:30 pm

## Prepare Now for the New Rate Race

Solutions are still evolving for utility rate design to support distributed energy resources. Net energy metering has been the fallback option but it results in customers subsidizing each other, limits cost recovery for the utility, and sends ineffective price signals. States and utilities are reexamining rate structures to design options that are fair to all customers, whether or not they have distributed generation. Join a panel of forward-thinking utility leaders to hear about innovative rate designs that support the core public power values of affordability, reliability, and responsiveness to community needs.

**Brian Skelton**, *President, Tullahoma Utilities Authority, Tennessee*

2:30 – 2:45 pm.....**Break**

# Tuesday, November 13

2:45 – 4:15 pm

## Mine the Real Costs: The Bitcoin Dilemma

Bitcoin mining can create instant load growth of as much as 25 megawatts or more. But bitcoin's transitory nature makes it difficult for utilities to plan for a load that, literally, might be here one day and gone the next. While some utilities have welcomed energy-intensive bitcoin miners, others are imposing moratoriums while they grapple with how to handle this new load. Learn how you can leverage local opportunities while considering reliability, safety and public health, rates, and community interests. See how you can limit the impact of heavy bitcoin loads on other customers and what additional costs you may incur to serve bitcoin miners, if the phenomenon persists.

**Casey Crabtree**, *Director of Economic Development, Heartland Consumers Power District, Madison, South Dakota*; **Andrew McMahon**, *General Manager, Massena Electric Department, New York*; and **Steve Wright**, *General Manager, Chelan County PUD, Wenatchee, Washington*

4:30 – 5:30 pm

## Roundtable Discussions

Join the roundtable of your choice to debrief on topics covered through the day and share ideas and takeaways with your peers.

5:30 – 6:30 pm

## Reception

8 – 8:30 am

## Registration & Coffee

8:30 – 9:45 am

## Get Smart: Powering the Connected Future

The Internet of Things is increasingly affecting us on three levels — the smart self, the smart home, and the smart city. Examine where you stand at the intersection of data and technology in this increasingly connected world. Learn how the growth of AMI can help your utility tune into the apps, devices, and business models of the future. Explore new opportunities to collect and analyze data on energy use and customer behaviors. Discuss how you can manage reams of data while addressing data privacy and cybersecurity concerns.

**Juliet Shavit**, *President, SmartMark Communications, LLC, Langhorne, Pennsylvania*

9:45 - 10 am.....**Break**

10 – 11:15 am

## Charge Forward: Evolutions in EV Infrastructure

There are more than 700,000 electric vehicles on the road in North America. It is estimated that by 2025, 25 percent of vehicles sold will be electric. How are other electric utilities preparing for this explosive growth and what can you learn from them? Find out why and when it makes sense to invest in charging infrastructure in public places. Explore costs and returns, available technologies, and opportunities for collaboration with third party vendors. Discover how you can leverage data from charging stations to monitor and influence energy usage and environmental impacts.

**James Ellis**, *Senior Director, Utility Solutions, ChargePoint, Campbell, California*; and **Brent Ridge**, *Vice President, Corporate Services and Chief Financial Officer, Energy Northwest, Richland, Washington*

11:15 am - Noon

## Public Power Forward: On the Ground

Learn about new resources offered by the American Public Power Association, including a toolkit for utilities developed in collaboration with the Minnesota Municipal Utilities Association. Get answers to your questions and tell us about your needs and ideas for future resources and programs.

Noon.....**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/index.php/event/public-power-forward-summit> (look under Hotel)

## Registration

[www.PublicPower.org](http://www.PublicPower.org) under Education & Events

Register online or download a registration form.

### Registration Fees

	Before Oct. 15	After Oct. 15
Association Members	\$ 645	\$ 695
Nonmembers	\$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](mailto: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](mailto:Registration@PublicPower.org).

## Contact Us

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

### Program Questions

Ursula Schryver  
[USchryver@PublicPower.org](mailto:USchryver@PublicPower.org)  
202-467-2980

### Registration Questions

[Registration@PublicPower.org](mailto:Registration@PublicPower.org)  
202-467-2978

### Hotel Questions

[Meetings@PublicPower.org](mailto:Meetings@PublicPower.org)  
202-467-2941

### Sponsor Inquiries

Haley Herbst  
[HHerbst@PublicPower.org](mailto:HHerbst@PublicPower.org)  
202-467-2944



The banner features a dark blue background with a hexagonal pattern. A large padlock icon is centered in a circle. In the top right corner, there is a circular logo for the American Public Power Association Academy. The text 'Cybersecurity Summit' is prominently displayed in white. Below it, a calendar icon indicates the dates 'November 13-14, 2018' and a location pin icon indicates 'Austin, Texas'. At the bottom, the text reads 'Come for Public Power Forward, Stay for the Cybersecurity Summit!'.



Standard  
Presorted  
U.S. Postage Paid  
Arlington, VA  
Permit No. 188

A decorative graphic at the bottom of the page consists of a dark blue upper section with white and light blue technical motifs like circuit lines, arrows, and geometric shapes. Below this is a solid orange section. On the right side of the orange section is a circular logo for the American Public Power Association Academy.

# Public Power Forward Summit

November 12-13, 2018 • Austin, Texas