



# Public Power Forward Summit

November 12-13, 2018 • Austin, Texas



CO-HOST



# Monday, November 12

7:30 – 8:30 a.m.

## Registration & Coffee

CAPITAL AB FOYER

8:30 – 9:15 a.m.

Recommended CEUs .1/PDHs .75 /CPEs .9

## Welcome and Introductions

CAPITAL BALLROOM

### 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 a.m.

Recommended CEUs .1/PDHs .75 /CPEs .9

## Keynote Presentation

**Scott Ungerer**, *Founder & Managing Director, EnerTech Capital*, 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 a.m.

## Break

10:15 – 11:45 a.m.

Recommended CEUs .2/PDHs 1.5 /CPEs 1.8

### 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 Renewables, San Diego, California*; and **Nitzan Goldberger**, *State Policy Director, Energy Storage Association, Washington, D.C.*

11:45 a.m. – 1 p.m.

## Lunch Keynote

CAPITAL BALLROOM

### 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 – 1:15 p.m.

## Break

1:15 – 2:30 p.m.

Recommended CEUs .1/PDHs 1.25 /CPEs 1.5

### 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 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.

**Christopher Mickelson**, *Energy Analyst, Finance and Corporate Services Division, Austin Energy, Texas*; and **Brian Skelton**, *President, Tullahoma Utilities Authority, Tennessee*

2:30 – 2:45 p.m.

## Break

2:45 – 4:15 p.m.

[Recommended CEUs .2/PDHs 1.5 /CPEs 1.8](#)

## 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 p.m.

[Recommended CEUs .1/PDHs 1 /CPEs 1.2](#)

## Roundtable Discussions

Join the roundtable of your choice to discuss hot topics impacting the utility of the future. Share efforts and issues impacting your utility and discuss emerging issues of concern. Roundtable discussions will focus on:

- **Rate Design and its Impacts**  
ASSEMBLY B
- **Distributed Energy Resources and Technology**  
CAPITAL BALLROOM

5:30 – 6:30 p.m.

## Reception

STEPHEN F'S

## KEY FACTS

### Summit Evaluation

A link to an online survey about the summit will be emailed to attendees after the conference. We appreciate your valuable feedback.

### Summit Presentations

Copies of the speakers' presentations are available on the American Public Power Association's website here: <https://www.publicpower.org/public-power-forward-summit-past-presentations>.

### Restricted Sessions

The Association reserves the right to designate any meeting or session open only to Association regular members (public power utilities, rural electric co-operatives, joint action agencies and state/regional associations). Please inquire at the registration desk if you have any questions.

## Thank You Summit Sponsors

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# Tuesday, November 13

8 – 8:30 a.m.

## Registration & Coffee

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8:30 – 9:45 a.m.

Recommended CEUs .1/PDHs 1.25 /CPEs 1.5

## 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*; and **Carolyn Shellman**, *Chief Legal & Administrative Officer, CPS Energy, San Antonio, Texas*

9:45 - 10 a.m.

## Break

10 – 11:15 a.m.

Recommended CEUs .1/PDHs 1.25 /CPEs 1.5

## 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*; **Brent Ridge**, *Vice President, Corporate Services and Chief Financial Officer, Energy Northwest, Richland, Washington*; and **Pete Westlake**, *Sustainability Programs Manager, Orlando Utilities Commission, Florida*

11:15 a.m. - Noon

Recommended CEUs .1/PDHs .75 /CPEs .9

## 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

# CONTINUING EDUCATION

Complete the Verification of Attendance form (available at the registration desk) to receive a certificate for continuing education credits. Certificates will be sent via email after the summit.



### Continuing Professional Education (CPE) Credits

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### 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 members (public power utilities, rural electric cooperatives, joint action agencies and state/regional associations). Please inquire at the registration desk if you have any questions.



### 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.

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