

PUBLIC POWER FORWARD SUMMIT

December 11-12, 2017 | San Francisco, California



DIAMOND SPONSORS



Monday, December 11

7:30 – 8:30 a.m.

Registration and Coffee

PEACOCK COURT FOYER / LOBBY TERRACE

8:30 – 9:45 a.m.

Welcome and Introductions

PEACOCK COURT

[Recommended CEUs .1](#) / [PDHs 1.25](#) / [CPEs 1.5](#)

Transitioning to the Future

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

Untapped Opportunity: The Growing Interest in Connected Devices

Connected consumer electronics are growing in popularity for non-energy-related uses. Utilities are capitalizing on this trend and using these smart devices to communicate with and better understand their customers. Hear how leading smart thermostat and energy services provider Nest is working with utilities in the U.S. and abroad to manage and predict energy demand via the smart technology already in millions of homes.

Ben Bixby, *General Manager, Energy & Safety, Nest Labs, Palo Alto, California*

9:45 – 10 a.m.Break

10 – 11:45 a.m.

Implementing Solar Today and Tomorrow

[Recommended CEUs .2](#) / [PDHs 1.75](#) / [CPEs 2.1](#)

Whether it's rooftop, community, or utility-scale solar, you need to keep up with new options and opportunities in solar energy. Hear details about solar programs two public power utilities offer, and discuss the potential role for utilities in distributing and generating solar energy in the years to come.

Martin Adams, *Chief Operating Officer, Los Angeles Department of Water & Power, California*; and **Ed Shikada**, *General Manager and Assistant City Manager, City of Palo Alto Utilities, California*

11:45 a.m. – 1 p.m.

Lunch Keynote

A Smart City Success Story: San Diego

Learn how the San Diego region is emerging as a leader in the smart cities movement thanks to a collaborative approach that brings together public, private, and academic leaders. Learn how the collaborative is leading initiatives on electric vehicle adoption and charging infrastructure, net zero living, intelligent streetlights, and smart building projects at local landmark locations such as the port, airport, baseball park, bay front, and more.

Jason Anderson, *President and CEO, Cleantech San Diego, California*

1 – 1:15 p.m.Break

1:15 – 2:45 p.m.

Electric Vehicles: Driving the Grid

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

The U.S. has more than 400,000 electric vehicles on the road, and that number is steadily increasing. Automakers are helping the utility industry develop and standardize EV charging infrastructure, while customers are looking to the utility for guidance as a trusted energy advisor. Utilities must understand the system impacts and customer requirements associated with electric vehicles and prepare their systems to support the increased adoption of EVs. Learn how public power utilities are proactively addressing the increased number of electric vehicles and the resulting impacts on the utility.

Matthew J. Ide, *Executive Director of Energy & Financial Markets, Massachusetts Municipal Wholesale Electric Company, Ludlow, Massachusetts*; and **David Wright**, *General Manager, Los Angeles Department of Water & Power, California*

2:45 – 3 p.m.Break

Monday, December 11

3 – 4:45 p.m.

Energy Storage: Beyond the Tipping Point

Recommended CEUs .2 / PDHs 1.5 / CPEs 1.8

Energy storage is positioned for unprecedented growth thanks to recent advances in technology, reduced costs, and mandates from regulators. Yet amid all the potential benefits and hype about storage, the technology's future remains uncertain and challenges to adoption remain. Hear what public utilities are doing with energy storage now and where experts expect the technology to be in a few years.

Kevin Kelley, General Manager, Imperial Irrigation District, Imperial, California; **Carla Peterman**, Commissioner, California Public Utilities Commission, San Francisco, California; and **Bob Rudd**, Director of Energy Storage & Microgrids, Tesla, San Francisco, California

5 - 6 p.m.

Roundtable Discussions

Recommended CEUs .1 / PDHs 1 / CPEs 1.2

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

Challenges in Policy and Regulatory

PEACOCK COURT

Challenges in Operations

WILLARD ROOM

Challenges in Communications

BARCLAY ROOM



6 - 7 p.m.
Reception
ROOM OF THE DONS

Tuesday, December 12

8 – 8:30 a.m.

Registration and Coffee

PEACOCK COURT FOYER / LOBBY TERRACE

8:30 – 9:45 a.m.

Learning from the West: Where is the Industry Headed?

PEACOCK COURT

Recommended CEUs .1 / PDHs 1.25 / CPEs 1.5

From 100% renewable portfolio standards and community choice aggregation in California to developing projects and initiatives in the Pacific Northwest. Hear different perspectives on what the future may hold for public power and your community and consider how these changes may impact your operations.

Barry Moline, Executive Director, California Municipal Utilities Association, Sacramento, California (moderator); **Michael Picker**, President, California Public Utilities Commission; and **Larry Weis**, General Manager and CEO, Seattle City Light, Washington

9:45 – 10 a.m. **Break**

10 – 11:30 a.m.

When Microgrids Are the Answer

Recommended CEUs .2 / PDHs 1.2 / CPEs 2.4

Microgrids may not be for everyone, but they may be a key solution for customers who need to disconnect from the grid — including military bases, data centers, and other customers who want to shift to onsite resources during outages. Learn about the latest developments in microgrid deployment and get a preview of the capabilities and possibilities of the microgrid of the future.

H. Scott Gibson, P.E., Generation Division, Snohomish County PUD, Everett, Washington; **Dr. Robert B. Schainker**, Senior Technical Executive, Electric Power Research Institute, Palo Alto, California; and **Eric Walters**, Administrative and Fuels Operations Director, Gainesville Regional Utilities, Florida

11:30 a.m. – Noon

Ideas to Action: Summit Key Takeaways

Association staff will lead this utilities-only roundtable discussion on the key themes and hot topics raised during the summit and ways to turn ideas into action. Join your colleagues in brainstorming the policies, tools, and practices you'll be taking home, and help inform our strategy to keep public power moving forward.

Noon **Adjourn**

Continuing Education

Public Power Forward Summit attendees will have the opportunity to earn up to 1.1 Continuing Education Units (CEUs), 9.45 Professional Development Hours (PDHs), and 12.3 Continuing Professional Education credit hours (CPEs).



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.



Reliable Public Power Provider Designation (RP3)

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

Professional Development Hours (PDHs)

The Association's 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.



Continuing Professional Education Credits (CPEs)

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 12.3 CPE credit hours for attending the summit. All sessions are intermediate level, group-live offerings with no prerequisites and no advance preparation required. Areas of study are listed on the Verification of Attendance form. For more information regarding administrative policies, such as clarification of requirements, complaints, and refunds, contact EducationInfo@PublicPower.org.

Special thanks to the Public Power Forward Summit Sponsors!

DIAMOND SPONSORS



SILVER SPONSORS



Thank you to our co-hosts!

