



For 80 years, public power has grown stronger by joining our voices and interests as the American Public Power Association. Join us at the nation's premier gathering of public power leaders as we celebrate 80 years of powering strong communities together and amp up for the future.

Explore how changing policy, technology, and lifestyles are reshaping the energy industry and what it means for your community. Engage with visionaries and experts, exchange strategies and solutions with your peers, and discover tools for your future success. Celebrate the experience, innovation, and leadership of your national public power community at the American Public Power Association's National Conference.

PublicPower.org/NationalConference



Connect with other public power leaders for ideas and insights:

- General managers and CEOs
- Senior managers and rising leaders
- Mayors
- City council members
- Governing board members
- Industry partners and vendors



# BUILD your community

There's no shortage of new people to meet at the National Conference. Take advantage of:

- A lounge where you can have in-depth conversations, engage with peers, and exchange ideas
- Public Power Expo where you can catch up on the latest and greatest products and services to better meet the needs of your organization
- Mentor program to help both new and long-time attendees meet new people
- Interactive seminars and sessions where you can discuss your issues and share solutions with your peers
- Receptions, happy hours and a block party where you can get energized, excited, and connected

# THANK YOU Sponsors

As of February 18, 2020

Thank you to our sponsors for the generous financial support to create the best experience for attendees.

#### Diamond Sponsors





























The American Public Power Association is the voice of not-for-profit, community-owned utilities that power 2,000 towns and cities nationwide. We represent public power before the federal government to protect the interests of the more than 49 million people that public power utilities serve, and the 93,000 people they employ. Our association advocates and advises on electricity policy, technology, trends, training, and operations. Our members strengthen their communities by providing superior service, engaging citizens, and instilling pride in community-owned power.











Gold Sponsors













AMERICAN PUBLIC POWER ASSOCIATION

The Academy is public power's complete resource for professional education and certification, helping electric industry employees stay abreast of rapidly evolving technologies, regulation, and customer needs. Learn more about our conferences, webinars, special events, continuing education, and custom in-house trainings at PublicPower.org/Academy.



#### FRIDAY, JUNE 5

7 a.m. - 3 p.m.

Public Power Day of Giving

#### **SATURDAY, JUNE 6**

8:30 a.m. - Noon

Preconference Seminars

g a.m. - Noon

Association Board of Directors

Meeting

1:30 - 5 p.m.

Preconference Seminars

#### **SUNDAY, JUNE 7**

8:30 a.m. - Noon

Preconference Seminars

**11** a.m. – Noon

PMA Task Force Meeting

1 - 2 p.m.

Joint Action Agencies Meeting

1:30 - 5 p.m.

Preconference Seminars

2 - 4 p.m.

Advisory Committee Meeting

4 - 5 p.m.

FERC/NERC Issues Briefing

5 – 6 p.m.

Women in Public Power Reception

6 - 7:30 p.m.

Welcome Reception

#### **MONDAY, JUNE 8**

7 - 8:15 a.m.

PowerPAC Breakfast

8:30 - 10:30 a.m.

#### **Keynote Speakers**

- · State of Public Power, Joy Ditto
- What Happens in DC Doesn't Stay in DC, Paul Begala

9:30 - 11 a.m.

**Guest Activity** 

11 a.m. - Noon

Breakout Sessions\*

11 a.m. – 4 p.m.

Public Power Expo: Preview Hours

1:30 - 2:30 p.m.

Breakout Sessions\*

3 – 4 p.m.

Breakout Sessions\*

4 - 6 p.m.

Public Power Expo: Grand Reception

6 p.m.

Young Professionals Happy Hour

#### **TUESDAY, JUNE 9**

#### 8 - 10 a.m.

Awards Presentation

#### **Keynote Speaker**

• The Future Is Stranger than Sci-Fi, Peter Singer

#### 10 a.m. - Noon

Public Power Expo

#### 11 a.m. - Noon

Breakout Sessions\*

#### Noon - 1:30 p.m.

Public Power Expo: Closing Luncheon

#### 1:30 - 2:30 p.m.

Breakout Sessions\*

#### 2:45 - 4:15 p.m.

#### **Keynote Speaker**

 A Hacker's Guide to Cyber Threats, Joshua Crumbaugh

#### 4:30 p.m.

Association Business Meeting

#### 7:30 - 10 p.m.

Community Block Party: Celebrating 80 Years

#### **WEDNESDAY, JUNE 10**

#### 8 - 10:30 a.m.

Chair's Breakfast

#### **Keynote Speaker**

 Play to Win: Boosting Personal Resilience and Performance, Bonnie St., John

#### 10:30 a.m.

Adjourn



<sup>\*</sup> See breakout sessions at a glance on next page.

# **BREAKOUT SESSIONS** at a

MONDAY, JUNE 8					
11 a.m. – Noon	1:30 – 2:30 p.m.	3 – 4 p.m.			
Public Power 101: What Sets Us Apart	Cybersecurity 101: Risks and Resources	Governance 101: Duties, Responsibilities and Legal Obligations of Public Power Policymakers			
Close Encounters of the Fraud Kind	Advocate for Public Power Now, Protect Your Utility Later	Taking Economic Development to the Next Level			
Is Your Community Ready to Be a Smart City?	Boost Your Revenue through Strategic Electrification	Electric Vehicle Project Showcase			
I Saw You on TV! Building a Media Relations Strategy	Making Net Zero Happen: Strategies for Sustainable Transformation	Innovations in Nuclear Energy			
The Only Constant is Change Management	Competitive Pay Pays: How Do You Measure Up?	Leadership from the Past, for the Future			
Benchmarking for Excellence: How to Up Your Operations Game	Small, Rural, and Smart: Applying Technology Outside the Big City	What Do Customers Really Want?			
Securing Your Supply Chain	Demystifying Digital Transformation for Public Power Utilities	Protecting Sensitive Information			
Hot Issues in Congress in 2020	What's Driving Public Power's Bond Ratings?	Deciphering the Federal Communications Laws			



TUESDAY, JUNE 9		Key to Sessions
11 a.m Noon	1:30 - 2:30 p.m.	-
Strategic Planning 101: Planning Amid Disruption	Financial Stability 101: Assessing Your Financial Health	Public Power 101  Community Engagement
Show It and Tell It: The Value of Your Utility	Public Power: Coming to a Community Near You	Cyber & Physical Preparedness
Deploying Drones: Your New Partner in Reliability and Safety	Energy Storage: Beyond Batteries	Governance
Public Power's Role in a Clean Energy Transformation	Scaling Up Your Renewable Energy Efforts	Leadership
Small Utility Roundtable	Succession Planning: Capturing Lessons from the Past for Future Success	Legislative & Regulatory  Renewables & Power Supply
Leveraging Broadband for Your Utility	Don't Let Your AMI Go to Waste	Utility of the Future
Mutual Aid: What's Changed and What's the Same	I Was Hacked: True Stories from Utilities	
Market Trends and Public Power	Modernizing PURPA: How Proposed Changes Could Affect Your Utility	

# **PUBLIC POWER**



Celebrate public power's commitment to serving communities at the 13th annual Public Power Day of Giving. Volunteer for a day with a service organization to give back to the local community. Forge lasting relationships with your public power colleagues as you work together. All conference participants, guests and families are invited to join us for the Day of Giving.

#### Register

Sign up by May 8 at PublicPower.org/NationalConference
Day of Giving volunteer sign-up is separate from your conference registration.
Register early: space is limited and opportunities fill up quickly.

#### What Volunteers Must Know

- Conference attendees, exhibitors, and guests (including children) may participate.
- Volunteers of all skill and experience levels are welcome.
- Breakfast, lunch, water, and snacks are provided.

8 a.m. - 3 p.m. ..... Community Service Projects

5 - 6 p.m. ..... Volunteer Reception

- Transportation will be provided between the convention center and work sites.
- Sign up by May 8 to guarantee your spot.

# DAY OF GIVING







#### A Sense of Home

A Sense of Home strives to prevent homelessness by creating first-ever homes for youth aging out of foster care with donated furniture and home goods. You can help sort donations, build furniture, create new home kits, make art or organize in the warehouse. Ages 9+.



#### **Alamitos Beach Clean-Up**

Alamitos Beach is an important part of Long Beach's environment, community and culture. You will help clean up trash along several miles of local beaches to protect the local ecosystem and wildlife, keeping the beaches clean and beautiful for everyone to enjoy. All ages.



#### **WAGS Pet Adoption**

WAGS shelters and cares for companion animals, investigates and combats animal cruelty, rescues neglected pets, treats sick and injured strays, and educates the community about humane issues and responsible pet care. You can help paint, landscape, clean, organize, socialize cats and rabbits, and help with other projects – and you'll have time to play with the dogs at the end of the day. Ages 13+.

#### Public Power Day of Giving Partners

As of February 18, 2020







Find out how your organization can be a Day of Giving Partner at PublicPower.org/ NationalConference — Public Power Day of Giving > Sponsors.

# SATURDAY, June 6 7:30 a.m. - 5 p.m. .... Registration Open 8:30 a.m. - Noon ..... Morning Preconference Seminars 9 a.m. - Noon....... Association Board of Directors Meeting 1:30 - 5 p.m. ......... Afternoon Preconference Seminars

#### PRECONFERENCE SEMINARS

Separate registration and fee required

Learn how to tackle your utility's most pressing challenges at preconference seminars. Longer duration, smaller number of participants, interactive formats, and experienced instructors make these seminars a value-add to your conference registration.

8:30 a.m. - Noon

Recommended CEUs .3 / PDHs 3.25 / CPEs 3.8

# Behind the Switch: How Electricity Flows to Your Community

Getting a handle around electricity basics will help board and council members and others new to the industry make better decisions for public power communities. Explore the complex electric grid and learn how electricity flows from a mix of generation sources through high-voltage transmission lines and local poles and wires to homes and businesses in your area. Get the lingo right, see who's responsible for various sections of the grid, and understand what it takes to deliver reliable and secure electricity round the clock. Discuss the impact of customer-owned generation like solar and storage on the grid. Touch on issues such as underground vs overhead lines, substations, and regional grid planning.

**R. John Miner**, President, Collaborative Learning, Inc.

#### **Performing a Utility Financial Check-Up**

Assess your utility's financial health and find out how to set and achieve key financial targets — cash requirements, rate of return, debt coverage ratio, age of system, capital re-investment, debt policies, transfers to the city, and rate structures for revenue stability. Review best practices for capital planning and debt issuance. Get practical insights from examples of other utilities like yours. Understand the short and long-term implications of financial decisions. Learn how to communicate utility financial performance and rate changes to governing bodies and customers.

**Dawn Lund, Vice President, Utility Financial Solutions** 

1:30 - 5 p.m.

Recommended CEUs .3 / PDHs 3.25 / CPEs 3.8

#### A Decentralized Grid: What Does it Mean for You?

Are you ready for a decentralized, distributed, disintermediated, digitalized electric grid? Understand why the electric grid as we knew it is changing and will continue to evolve. See how new distributed energy resources are proliferating and impacting energy production, storage, management, and transactions. Discuss new technologies, new types of customers, changing customer expectations, new market participants, and evolving business models. See how to deal with the challenges of lost revenue and increased costs and complexities while taking advantage of opportunities to diversify your business, upgrade your systems and operations, and respond to your customers and communities.

Steve Collier, Vice President, Business Development, Smart Grid Solutions, Conexon, LLC

#### **Rate Design: Long-term Strategies to Recover Costs**

Are your rate structures and policies keeping up with new ways in which electricity is generated and distributed? Learn how to develop a long-term rate strategy to ensure financial stability for your utility while responding to the needs of your community. Understand how to send proper price signals, monitor customer usage patterns, and factor critical social and environmental objectives into your rate design. Review rate trends (time of use, real-time pricing, critical peak pricing, demand charges, etc.) and implementation strategies (pilot programs, opt in/out, etc.) from other utilities. See how they are restructuring rates to recover fixed and variable costs.

Mark Beauchamp, CPA, CMA, MBA, President, Utility Financial Solutions



#### PRECONFERENCE SEMINARS

Separate registration and fee required

8:30 a.m. - Noon

Recommended CEUs .3 / PDHs 3.25 / CPEs 3.8

#### **Evaluating CEO and Board Performance**

A public power utility board's most important responsibility is to hire the CEO (or general manager) and empower them to deliver. Get valuable insights on how board members can hire the best leader. Once the leader is in, see how to set clear expectations. Examine the board's role in developing a performance plan – with strong metrics – through which the utility can demonstrate success in the short and long term. Learn how to effectively provide direction within the parameters of board policies. Gain best practices in evaluating CEO performance and discuss how best a board can review its own performance.

**Troy Adams**, General Manager, Elk River Municipal Utilities, Minnesota; **Judith Dykes-Hoffman**, Board Vice President, New Braunfels Utilities, Texas; and **R. John Miner**, President, Collaborative Learning, Inc.

# **Building Back Stronger: Disaster Recovery and Resilience Funding**

Learn how your utility can access all mitigation and recovery funding available before and after disasters. Review the different types of funding available and the key factors to maximize funding. Explore the role of the engineering and operations team in applying for, using, and tracking these funds. Hear case studies of utilities that have obtained significant disaster funding. Develop policies and procedures to integrate your recovery efforts. Assess key steps required before, during, and after disaster to ensure access to funding. See how you can get funded to build back stronger after declared disasters.

**Bradley Nichols**, Partner, **Carlos Zapata**, Senior Manager, and **Kara Yost**, Manager, Ernst & Young Insurance and Federal Claims Services Group

# **Electrification: Managing New Loads for Revenue Growth**

Electricity loads are changing and demand is coming from new sources. Increasing electrification — especially in transportation — offers potential for significant load growth but also poses new distribution system challenges. See how you can anticipate the impact and timing of load growth to your advantage. Understand trends, pricing strategies, and charging infrastructure needs to support the increased adoption of electric vehicles in your community. Discuss emerging enduse technologies like electric space and water heating and understand how you can make the most of electrification.

**Andy Reger**, Senior Consultant, and **Tony Georgis**, President, Energy Practice, NewGen Strategies & Solutions

#### Strategic Planning for Long-term Utility Effectiveness

Increasing regulations, evolving technologies, budget pressures, workforce issues, and new customer expectations require your utility to have a robust strategic plan to survive and thrive. Identify the key challenges facing your organization and define future scenarios. Learn how you can take on strategic planning to document current policies and procedures, identify strengths and weaknesses, and plan new programs to meet your community's changing needs. Use scenario-based strategic planning to develop organizational and resource strategies ensure your strategic plan is nimble enough to navigate the risks and uncertainties. Discuss how you can get staff and community buy-in to support the strategic plan.

**Judy Chang**, Principal, The Brattle Group

#### **Building and Keeping a Strong Board for Your Utility**

Does your utility have a strong governing board that can help you navigate industry disruptions, increase your visibility in the community, and prepare for future challenges? Learn how to recruit, onboard, and motivate board members who bring a diversity of skills and perspectives to lead with vision. Review the A-Z of managing your board – orientation, ongoing training, industry trends update, bylaws review, policies and procedures, good governance practices, efficient meetings, and more. Nurture your board members to become your community ambassadors and help you keep your finger on the pulse of customer preferences. Discover how to embed succession planning to keep your board strong.

**Tim Blodgett**, President & CEO, and **Steve VanderMeer**, Senior Vice President, Planning & Marketing, Hometown Connections

# Creating and Sharing a Well-balanced Compensation Plan

Public power is often challenged in paying competitive salaries. But what about the rest of your compensation package – health insurance, retirement, education, professional development, and more? Are your benefits a well-kept secret or are you making potential and current employees aware of the full value of the compensation plans you offer? Learn how to conduct a compensation study, develop and implement a comprehensive compensation plan, and convey value to all who are impacted. Hear how two public power entities powered up their compensation strategies and how you can replicate their success and get buy-in from your boards and councils.

Ashley Thomalla, Senior Consultant – HR Consulting, SilverStone Group; Mel Palmer, Manager, Human Resources, Lincoln Electric System, Nebraska; and Tammie Krumm, Manager, Human Resources, Missouri River Energy Services, Sioux Falls, South Dakota

Women in Public Power Reception

Connect with the women thought leaders, policymakers, and innovators shaping public power over a drink. Make new friends, share stories, and enjoy great conversations.

#### **Using AMI Data in Utility Decision Making**

You may have realized the initial benefits of AMI systems such as reduced costs, increased reliability, improved customer issue response, and more efficient outage restoration. But there is more! Utilities like yours are mining and analyzing the data from AMI systems to help in big picture utility decision making and strategic planning. Discover how AMI enables customer segmentation to help you create targeted utility programs and develop strategic rate design. Learn from examples of utility-customer partnerships that use AMI for mutually beneficial outcomes. Review sample KPIs and metrics utilities have derived from their AMI data to enhance their financial and strategic planning.

**Andy Reger**, Senior Consultant, and **Tony Georgis**, President, Energy Practice, NewGen Strategies & Solutions

# **Energy Storage is Changing the Paradigm: Are You Ready?**

Explore the growing role of energy storage and see how it is impacting markets around the world. Review the types of energy storage technologies and the costs, benefits, and limitations of each. Discuss the issues related to short- and long-duration applications of relevant technologies. Evaluate the role of energy storage — on both sides of the meter — in supporting intermittent renewable resources. Gain insights on how to make decisions about your utility's investment in storage. Learn about the regulatory issues relevant to energy storage that are applicable to public power utilities.

Peter Kelly-Detwiler, Principal, Northbridge Energy Partners





#### **OPENING GENERAL SESSION**

8:30 - 10:30 a.m.

Recommended CEUs .2 / PDHs 2 / CPEs 2.4

#### Welcome

Barry Moline, Executive Director, California Municipal Utilities Association

#### **State of Public Power**

**Joy Ditto**, President & CEO, American Public Power Association

#### What Happens in DC Doesn't Stay in DC

Paul Begala, Political Analyst and Commentator, CNN

Paul Begala has seen it all — government united and government divided, gridlock and clear sailing. He draws on his extensive experience to give audiences an understanding of the impact of today's political landscape on such issues as the economy, budget deficit, healthcare, immigration, the future of social security and Medicare, U.S foreign policy, the ongoing war in Afghanistan, the unrest in the Middle East, and other critical issues facing the country at home and around the world.



Joy Ditto



Paul Begala

#### **Guest Breakfast & Activity**

9:30 - 11 a.m.

While conference attendees are in session, guests can reconnect with old friends and make new ones over breakfast and a special activity. Guests must register or buy a separate ticket at the registration desk to participate.

10:30 - 11 a.m.

#### **Break**

#### Key to Sessions



















Public Power 101

Community Engagement

Cyber & Physical Preparedness

Governance

Innovation

Leadership

Legislative & Regulatory

Renewables & Power Supply

Utility of the Future

#### **BREAKOUT SESSIONS**

Explore new solutions with the leaders and experts shaping our industry's future. Choose the sessions that best meet your needs to personalize your conference experience. Learn how colleagues at other public power utilities like yours are tackling the challenges that keep you up at night. Take home actionable new ideas and tactics.

11 a.m. - Noon

Recommended CEUs .1 / PDHs 1 / CPEs 1.2



#### **Public Power 101: What Sets Us Apart**



If you're new to the industry, or just looking to refresh yourself on the basics, join us for an overview of public power. Understand the benefits — affordable rates, reliable service, and responsiveness to community needs. See why core tenets like community ownership, local solutions, local jobs, and environmental stewardship resonate with customers. Learn what makes public power distinctive compared to other types of electric utilities. Examine future challenges and opportunities.



#### **Close Encounters of the Fraud Kind**

Occupational fraud is on the rise at public and private sector organizations. Far too often, people in positions of trust within the workplace engage in unethical behavior. Learn what causes someone to commit fraud and common traits and characteristics of a fraudster. Discover steps that you can take to deter workplace crimes and keep your organization and customers safe. Hear real-life examples of fraud at other public sector organizations, and the lessons learned.



#### Is Your Community Ready to Be a Smart City?



Learn from the top ten smart city technologies and customer-sited solar and battery storage projects. Whether you're from a small or mid-sized utility, see how you can select affordable new technologies to improve services and lower costs for your customers. Get practical advice from experienced peers on how to assess customer needs and invest in and implement new technologies, while aligning your operations and rates.



#### I Saw You on TV! Building a Media Relations Strategy

Are you connecting to your local press, radio and TV stations even when you are not in a crisis? See why it's important for your leaders and experts to be featured in media year-round. Discover the secret sauce to build good relationships with journalists, pitch relevant stories, and serve as a helpful resource throughout the year. Learn the ins and outs of building and implementing a robust media relations strategy and training your spokespersons.



#### **The Only Constant is Change Management**

The one thing your utility can count on is change. Whether you are faced with transitioning your utility's technologies, processes, or goals, having a systematic approach in place is key. Join this session for expert advice on managing change, including the key skills, tools, techniques and strategies you can use to manage organizational changes, with an emphasis on handling the people side of change.



#### Benchmarking for Excellence: How to Up Your Operations Game



Review new benchmarking data for public power reliability, safety, environmental, and staffing programs to see if your game is up to par.

Review operational best practices. Learn how to better measure and report on reliability and outage management. See how staffing, salaries, and safety impact performance. Learn how you can harden your systems without breaking the bank. And discuss how to communicate your operational strengths to your policymakers and community.



Great opportunity to see trends for the future in the electric industry. You get to hear real-life experiences from those that are living it.

#### PAUL JAKUBCZAK

Director of Electric and Gas Systems, Fort Pierce Utilities Authority, Florida



#### **Securing Your Supply Chain**

Your cybersecurity depends on more than what you do – the array of vendors, suppliers, and third parties you work with exposes you and your customers to a broad array of attack vectors. Reducing vulnerabilities and managing the risk from third parties requires bringing increased scrutiny to the utility procurement process. Whether purchasing cloud programs or transformers, review how to conduct integrated processes that address procurement from legal, information technology, and security perspectives. Get expert guidance on how you can structure the procurement process to address both compliance and maintain overall supply chain security.



#### **Hot Issues in Congress in 2020**

Hear what's happening in Congress this year on issues that impact public power. Learn more about what APPA is doing to advance public power's policy priorities on issues such as climate change, comparable incentives, municipal bonds, grid security, electric vehicles, energy storage, and protecting the PMAs and TVA. Discover how you can add your voice and help to advance public power's legislative priorities in Congress. Receive an early preview of the upcoming November elections and how they may shape the legislative agenda in the 117th Congress.

Noon - 1:30 p.m.

#### **Lunch on Your Own**



Expo Preview Hours

Get a sneak peek at the Public Power Expo and start meeting the industry partners and suppliers offering solutions to your utility's range of needs.

#### **BREAKOUT SESSIONS**

1:30 - 2:30 p.m.

Recommended CEUs .1 / PDHs 1 / CPEs 1.2



#### **Cybersecurity 101: Risks and Resources**



As attempted attacks on utility infrastructure increase, it is important for everyone involved with a utility to understand the landscape and the terminology of cybersecurity. Get an introduction to public power utility cybersecurity, learn about some of the threats and breaches that have impacted other utilities, and gain tips and tools to secure against these threats.



# Advocate for Public Power Now, Protect Your Utility Later



As talks of privatization or takeovers have gathered steam in some public power communities across the country, the need for sharing the value of a public power utility grows. Get an update on what is driving these threats and what you can do to engage the public and key stakeholders in understanding the benefits of public power. Even if you see no immediate threat in your area, hear about public engagement and social media campaigns you can replicate to shore up support for community ownership.

Closed to press, consultants, vendors, and non-members.



# **Boost Your Revenue through Strategic Electrification**

Strategic electrification – including promotion of heat pumps and managing electric vehicle charging – can turn flat growth in sales around and accommodate rising demand for clean energy. Just a 5% increase in offpeak sales could double a utility's revenue. Learn what makes for effective, targeted marketing for EV charging options and heat pump models and how these programs can help public power utilities stay on track to a stronger financial and environmental future.



#### Making Net Zero Happen: Strategies for Sustainable Transformation

Transformation and innovation within the power sector is critical to achieving net zero greenhouse gas emissions by 2050. Industry leaders will discuss the policy and technological strategies necessary to achieve these goals and the practical realities and challenges the industry will face along the way.



#### Competitive Pay Pays: How Do You Measure Up?

Public power utilities face challenges in paying competitive salaries and attracting and retaining qualified staff at all levels. Discuss the results of a nationwide industry salary survey and see how public power stacks up against the competition. See how you can benchmark your salaries and make the case for competitive compensation to your stakeholders. Discuss how to convey the full value of your compensation package to existing and potential employees.

Closed to press, consultants, vendors, and non-members.



#### Small, Rural, and Smart: Applying Technology Outside the Big City

The smart city concept is not just for large utilities in urban environments. Small to medium and rural municipalities can take advantage of modern technology to benefit their community's unique needs. Explore the costs and opportunities of this approach, including what role AMI can play in a town's modernization.



#### **Demystifying Digital Transformation** for Public Power Utilities

Digital transformation is a hot topic in almost every business strategy conversation. However, many business leaders don't truly understand the challenges or appreciate the opportunities that can come with embarking on a digital transformation journey. Explore some major trends impacting public power's digital transformation, while demystifying what cutting-edge technologies like artificial intelligence, machine learning, and intelligent automation can do for the sector.



#### What's Driving Public Power's Bond Ratings



Hear representatives from the three largest credit rating companies discuss the latest on rating trends, public power's strengths and opportunities, and how current issues and industry trends affect public power's bond ratings. Learn what boards and managers can do to reinforce the financial strength of your organization.

2:30 - 3 p.m.

#### Break

#### Key to Sessions



















Public Power 101

Community Engagement

Cyber & **Physical** Preparedness

Governance

Innovation

Leadership

Legislative Renewables & Power & Regulatory Supply

Utility of the Future

#### **BREAKOUT SESSIONS**

3 - 4 p.m.

Recommended CEUs .1 / PDHs 1 / CPEs 1.2



# Governance 101: Duties, Responsibilities and Legal Obligations of Public Power Policymakers



While demands on public power governing boards grow greater, those boards must still adhere to the letter and spirit of local, state, and federal rules. Review the nuts and bolts of governance and the key roles and responsibilities of individual board members, the board chair, and the CEO. Discuss the common requirements of most public power governing boards, including open meeting and records, strategic planning and fiduciary responsibilities, charter and by-laws requirements, conflicts of interest, and the potential interaction with other regulatory agencies.



#### Taking Economic Development to the Next Level

Public power can play a key role in the attraction, retention, and expansion of businesses in communities. Discover how communities large and small have taken a proactive approach to the economic development process and discuss ways to leverage partnerships with your joint action agency and other community entities to enhance your economic development efforts.



#### **Electric Vehicle Project Showcase**

Many public power utilities are leading the way in understanding and supporting electric vehicle charging, thanks to funding from the Association's Demonstration of Energy and Efficiency Developments program. Discover innovative public power electric vehicle projects covering everything from how to deploy workplace charging, collect meaningful data, and coordinate EV charging with renewable energy resources. Get ideas you can implement in your community.



#### **Innovations in Nuclear Energy**

Advanced nuclear can strengthen our grid, help address climate concerns, and maintain a robust domestic nuclear sector. Learn where the sector is in terms of the latest research and development, demonstration, and deployment of safe, carbon-free nuclear technologies.



#### **Leadership Lessons from the Past, for the Future**

Reflect on 80 years of leadership and industry connections with a panel of amazing, innovative and inspiring past Board Chairs of the American Public Power Association. Get their take on leadership, the future of public power, and how the lessons of the past can apply to forming the utility of the future.



The National Conference provides education, motivation, insight and networking opportunities all in one.

#### **ALICIA PRICE**

General Manager, GEUS, Greenville, Texas



Get a Mentor, Be a Mentor Meet new people through our Conference Mentor Program. We'll pair up first-time attendees and those flying solo at the conference with seasoned conference-goers. After we facilitate introductions, you can meet and stay in touch throughout the conference.

Sign up to get a conference mentor or to serve as one when you register, or email EducationInfo@PublicPower.org.



#### What Do Customers Really Want?



Get customer insight from the experts in customer research. What issues matter most to your customers? How much are they willing to pay for renewable/clean energy? Which products and services do they desire most? How are consumers making decisions about solar adoption and other energy decisions? Discover the trends and learn what customers really want.



#### **Protecting Sensitive Information**

Electric utilities and policymakers are focused on keeping information that could be useful to adversaries out of the public eye. Sharing sensitive information between regulators, policymakers, and industry stakeholders both promotes security and puts information at risk of disclosure. Hear about the challenges associated with protecting critical infrastructure information – such as state and local sunshine laws – and learn about some of the ways public power utilities, legislators, and policymakers are addressing these challenges.



#### **Deciphering the Federal Communications Laws**

A tangle of federal regulations makes it difficult for communications service providers to know which regulations apply, when and how they apply, and how to keep up with reporting. In addition, rules—such as those governing support of law enforcement agencies, protection of customer privacy, transparent disclosures of broadband service features, Eg11 support—require providers to make complicated decisions, develop and implement policies and plans, and certify compliance. Learn how to make sense of these arcane and often counter-intuitive rules and requirements and tips to avoid costly mistakes.



The National Conference is a great place to network and glean ideas from utilities outside of your region. I especially enjoy the future looking approach to presenting electric utility challenges.

#### **RON SKAGEN**

Commissioner, Douglas County PUD, Washington



Public Power Expo Grand Reception Unwind with your public power colleagues with drinks and appetizers as you connect with more than 100 industry suppliers, vendors, and consultants and discover how they can help your organization succeed.

Young Professionals Happy Hour Meet up with other young professionals at this popular pay-your-own-way happy hour. Talk to your peers from public power utilities, affiliates, and partners across the country. Share a drink and discuss how to take on the future.



#### **GENERAL SESSION**

8 - 10 a.m.

Recommended CEUs .2 / PDHs 1.5 / CPEs 1.8

#### **Presentation of National Awards**

Recognizing excellence in public power

#### The Future Is Stranger than Sci-Fi

Peter Singer, Renowned Futurist and Bestselling Author

Robots, Artificial Intelligence, and the Internet of Things are just the beginning. In this decade, the science fiction of today will be the reality of tomorrow. New technologies and possibilities will redefine our world, challenging us like never before. Described by the Wall Street Journal as "the premier futurist in the national security environment," Peter Singer will get you revved up about the future he will help you envision. As the official "Mad Scientist" for the U.S. Army Training and Doctrine Command, and consultant for the CIA, the Pentagon, and Hollywood, he is ideally positioned to discuss security challenges posed by emerging technologies.

**Peter Singer** 

# Public Power Expo Break

Enjoy refreshments in the Expo Hall and continue to learn about the products and services that can help your utility. Chat with public power's friends and partners. The Expo will remain open through lunch.

#### **BREAKOUT SESSIONS**

11 a.m. - Noon

Recommended CEUs .1 / PDHs 1 / CPEs 1.2



#### Strategic Planning 101: Planning Amid Disruption



Changing customer preferences, technological advances, new economic realities, and market regulations are transforming the electric industry at an accelerated pace. Learn how to wrap your strategic planning efforts around these trends and continuously adapt your plan to stay ahead of the curve.



#### Show It and Tell It: The Value of Your Utility



Your customers and elected officials won't know how vital your public power utility is to your community's success unless you can demonstrate and share its value with them. Hear how one utility measured and communicated the financial benefits of its electric system, including the value the community derives from its greater reliability, local control and local service, economic development, and emergency assistance. Hear how you can apply its process for determining value in your community.



# Deploying Drones: Your New Partner in Reliability and Safety

Public power utilities big and small are using drones and other technologies to enhance worker safety, operate more efficiently, and boost system reliability. Learn how both the City of Westerville, Ohio and the New York Power Authority are incorporating and evaluating drones for use in field inspections, vegetation management, infrared investigations, storm damage evaluations, GIS updates and more.



# Public Power's Role in a Clean Energy Transformation

The generation mix in the United States is undergoing a broad-sweeping evolution to be cleaner and more secure – and public power plays an often-overlooked role in shaping this transformation. Renewables are replacing traditional fuels at record levels—thanks to declining cost of technologies, state and local policies, and consumer demands. Explore public power's role in spurring innovation and deploying carbon-free technologies including solar, wind, and storage. Learn about the economics, technology trends, and political measures underpinning the clean energy transition and how your organization can operate at its cutting edge.



#### **Small Utility Roundtable**

Leaders of smaller utilities must deliver the same reliable, affordable electric service as their bigger counterparts while wearing multiple hats and balancing limited resources. Meet with other leaders from small public power utilities and share your ideas and experiences in an open discussion forum. Discuss your challenges and crowdsource solutions small public power utilities can employ.



#### Leveraging Broadband for Your Utility

Whether your utility is getting involved in a smart city initiative, exploring expanding or monetizing your services, or interested in coordinating with telecommunications – broadband is a common thread. Utilities will share their experiences using broadband to assist in deploying smart city concepts. They will also discuss how they have monetized broadband, and any nexus between broadband/telecom and electric utilities, particularly how telecom tech is going to drive innovation in the electric utility sector going forward.



# Mutual Aid: What's Changed and What's the Same

Storms and natural disasters don't take breaks, and neither does the public power mutual aid network. Hear lessons learned from utilities that recently required mutual aid following a natural disaster in their area and discuss how the continuing influence of politics has affected mutual aid response.



#### **Market Trends and Public Power**

Wholesale energy and capacity markets operated by regional transmission organizations have undergone many recent changes, from expanding in the West to rules impacting resource choices in the East. Hear an update from public power representatives from different RTOs on how the latest developments impact public power operations and the costs to your customers.

# Noon - 1:30 p.m. Public Power Expo Closing Luncheon

Take advantage of this final opportunity to visit with industry partners at the Public Power Expo while enjoying lunch with friends and colleagues.

#### **BREAKOUT SESSIONS**

1:30 - 2:30 p.m.

Recommended CEUs .1 / PDHs 1 / CPEs 1.2



#### Financial Stability 101: **Assessing Your Financial Health**

A utility's overall financial health can ensure its ability to provide reliable service to customers now and into the future. Assess your utility's financial health against industry guidelines and key financial targets and learn how to put a plan in place to reach recommended targets.



#### **Public Power: Coming to A Community Near You**

Small towns, big cities, and entire states around the U.S. are talking about taking ownership of the utility that serves their citizens. Get an update on where municipalization efforts are underway, what's behind these pushes for public power, and what you should know if a community near you decides to evaluate the public power option.

Closed to press, consultants, vendors, and non-members.



#### **Energy Storage: Beyond Batteries**



Often lost among the buzz about battery energy storage systems is the array of long-term energy storage solutions like pumped hydro, compressed air, and hydrogen. Learn how public power utilities are deploying these technologies and discuss the challenges and possibilities of these technologies with industry experts.



#### Scaling Up Your Renewable Energy Efforts

An increase in renewable resources means more than just a growth in capacity. Successfully managing a system with a growing proportion of renewables requires thoughtful preparation, meticulous planning, and careful consideration of impacts to your economic goals. Hear how a renewable energy developer and public power joint action agency transitioned from a small renewable energy pilot project to a large utility-scale solar power purchase agreement.



## **Succession Planning: Capturing Lessons** from the Past for Future Success

Every time three long-standing employees retire, 100 years of experience – or more – is walking out the door. Those years encompass everything from boots on the ground and wires in the air to leading through change and oversight of digital transformations. When managed intentionally, retiring employees can leave a positive legacy rather than a gaping hole as they clock out for the last time – passing along invaluable institutional knowledge and best practices to the next generation.



#### **Don't Let Your AMI Go to Waste**

This session will explore the process efficiencies, tools, best practices and the critical value that AMI Operations applications bring while managing and operating these systems at scale. By integrating seamlessly into business operations, learn how they are taking the necessary steps to ensure operational excellence, making their jobs easier. Also hear about how to most effectively leverage the data produced by AMI systems to gain better insight into your utility and customer behavior.



#### 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.

Closed to press, consultants, vendors, and non-members.



# Modernizing PURPA: How Proposed Changes Could Affect Your Utility

The Public Utility Regulatory Policies Act of 1978 (PURPA) imposes a number of obligations on public power utilities, including a requirement to purchase electric energy from qualifying facilities. Electric utilities and policymakers have questioned PURPA's continuing relevance, and the Federal Energy Regulatory Commission is in the process of updating its PURPA rules for the modern energy landscape. Learn about important recent developments in PURPA implementation that could affect your utility.

2:30 - 2:45 p.m.

#### **Break**

#### **GENERAL SESSION**

2:45 - 4:15 p.m.

Recommended CEUs .2 / PDHs 1.5 / CPEs 1.8

#### A Hacker's Guide to Cyber Threats

Joshua Crumbaugh, Co-Founder, Chief Hacker and CEO, PeopleSec

A career ethical hacker and social engineer, Joshua Crumbaugh hasn't encountered a single network that could keep him or his teams out. He has talked his way into bank vaults, Fortune 500 data centers, corporate offices, restricted areas of casinos, and more. As one of the world's most accomplished social engineers and cybersecurity awareness experts, Crumbaugh will provide an entertaining yet realistic overview of threats to the power sector and explain how you can secure your systems against cyber crime.

# Association Business Meeting 4:30 - 5:30 p.m.

Voting delegates at the American Public Power Association's annual business meeting will elect members to the board of directors and vote on policy resolutions that will guide the Association's advocacy efforts for the coming year. The meeting will also feature reports from the board chair and treasurer. Each Association utility member must designate one voting delegate for the business meeting.



Joshua Crumbaugh

# Community Block Party: Celebrating 80 Years 7:30 - 10 p.m.

For 80 years, the American Public Power Association has joined your voices and interests to make public power stronger. To celebrate our 80 years together, come step outside to enjoy the southern California weather and back in time for an 80's block party! So warm up those legwarmers, layer on those rubber bracelets and break out your best sequined glove. Get ready to grab a bite from a local food truck and dance to the biggest hits of the 80's. Funky outfits and big hair not required, but totally encouraged.

# 

#### Chair's Breakfast & Closing General Session

8 – 10:30 a.m.

Recommended CEUs .2 / PDHs 2 / CPEs 2.4

# Chair's Breakfast Installation of the 2020-21 Board Chair

## Play to Win: Boosting Personal Resilience and Performance

Bonnie St. John, Paralympic Ski Medalist and Fortune 500 Business Consultant

Despite having her right leg amputated at age five, Bonnie St. John became the first African-American to win medals in a Winter Olympic competition. Today, she is a highly sought-after business coach and consultant to Fortune 500 companies. St John will guide you from the frontlines to the C-suite, through practical exercises and techniques that will enhance your capacity to offset the negative effects of stress, increase your resilience, and help you play to win. Get a powerful dose of Bonnie's incredible life experiences along with rigorously tested concepts that will pave the way for a breakthrough performance in today's fast-changing, competitive workplace.

Bonnie St. John



- Immerse your board and council members in public power.
- Expand your network of public power leaders from across the country.
- Share solutions with and learn from others facing the same challenges as you.
- Engage with world-class thinkers and visionaries.
- Stay on top of the political, technological, and cultural trends shaping our industry.
- Get expert advice on the evolving threats and challenges facing your organization.
- Collect tips and resources for improving all areas of utility operations and performance.
- Meet with industry suppliers, vendors, and consultants who can fuel your success.
- Customize your learning experience by choosing from more than 50 sessions and seminars.
- Take innovative ideas and programs back home to your community.

## Make CONNECTIONS

Take advantage of these dedicated opportunities to extend your network and make genuine connections at the National Conference.

#### Public Power Day of Giving\*

Friday, June 5 · 8 a.m. - 3 p.m.

Join volunteers from around the country and work with local organizations to support worthy causes.

#### Women in Public Power Reception

Sunday, June 7 · 5 - 6 p.m.

Connect, share stories, and be inspired by women who are shaping every aspect of public power.

#### Welcome Reception\*

Sunday, June 7 • 6 - 7:30 p.m.

Reconnect with old friends, meet new people, and network with the nation's public power leaders

#### Guest Breakfast & Activity\*

Monday, June 8 • 9:30 - 11 a.m.

While conference attendees are in session, guests can connect and engage over breakfast and a special activity. Guests must be registered or purchase a separate ticket at the registration desk to participate.

#### Young Professionals Happy Hour

Monday, June 8 • 6 p.m.

Meet up with other young professionals at a relaxing, fun, pay-your-ownway happy hour.

#### Public Power Expo

The Public Power Expo brings 100+ electric industry suppliers, vendors, and consultants together under one roof to discuss solutions to your toughest business challenges.

#### Monday, June 8

11 a.m. – 4 p.m. Expo Preview Hours 4 – 6 p.m. Expo Grand Reception\*

#### Tuesday, June 9

10 a.m. – Noon Expo Open

Noon – 1:30 p.m. Expo Closing Luncheon\*

#### Community Block Party: Celebrating 80 Years\*

Tuesday, June 9 • 7:30 - 10 p.m.

Join your friends and colleagues for a giant block party to celebrate the American Public Power Association's 80th anniversary.

#### Chair's Breakfast\*

Wednesday, June 10 • 8 - 10:30 a.m.

Sit down to breakfast with friends and colleagues on the last morning of the conference. Hear from the American Public Power Association's board chair and wrap up your conference experience with an inspirational keynote address.

<sup>\*</sup> Registered guests are invited to participate in these events.



#### PublicPower.org/NationalConference

Visit our website to register online or to get a registration form you can send in. Sign up for the Conference Mentor Program and preconference seminars when you register. Don't forget to register separately for the Day of Giving.

#### **REGISTRATION FEES**

American Public Power Association Member				
	Through May 8	After May 8		
National Conference	\$825	\$875		
Half day seminar (each)	\$350	\$400		

Nonmember		
	Through May 8	After May 8
National Conference	\$1,650	\$1,700
Half day seminar (each)	\$700	\$750

#### **Guest Registrations**

The guest registration fee is \$200 per guest. Guests age 12 and under do not need to register. All guest registrations must be accompanied by a National Conference attendee registration.

Registered guests are invited to participate in the Welcome Reception; Guest Breakfast & Activity; Public Power Expo Grand Reception and Closing Luncheon; Tuesday evening special event; and Chair's Breakfast. Guests may also attend general sessions as space allows.

#### **Dress Code**

Suggested attire is business casual.

#### **Restricted Sessions**

We reserve the right to designate any meeting or session as closed to the press. We may designate any meeting or session as open only to select categories of American Public Power Association members.



#### **Cancellation Policy**

Registrants who cancel in writing on or before May 29, 2020 are entitled to a refund of the registration fee, minus a \$50 cancellation fee. Registrants who cancel after May 29 will not receive a refund, but may send a substitute to the 2020 National Conference only. Registrants who do not cancel on or before May 29 are responsible for the full registration fee and are not entitled to a refund.

Cancellations must be made in writing and mailed or emailed to:

#### Registration

American Public Power Association 2451 Crystal Drive, Suite 1000 Arlington, VA 22202-4804 Email: Registration@PublicPower.org

#### **EMAIL OR CALL US**

#### Registration

Registration@PublicPower.org 202-467-2978

#### **Hotel Assistance**

Meetings@PublicPower.org 202-467-2941

#### Program

EducationInfo@PublicPower.org 202-467-2973

#### Sponsorship, Expo and Membership

Membership@PublicPower.org 202-467-2944



The National Conference will take place at the Long Beach Convention Center. The American Public Power Association has room blocks for conference attendees at three hotels, all within easy walking distance of the convention center.



#### **Hyatt Regency Long Beach**

200 S. Pine Ave. Long Beach, CA 90802

- · Group rate: \$261 per night Single/Double, plus tax
- · Check in: 4 p.m. / Check out: Noon
- Main telephone: 562-491-1234
- · Parking: \$35 valet; \$31 self-parking
- · In-room wireless: Complimentary

#### Reservations

- Online: PublicPower.org/NationalConference (under Hotel)
- Attendee group code: Am Public Power Assn or G-AMPP
- Reservation telephone: 800-233-1234
- · Reservation cut-off date: May 15, 2020



From eclectic neighborhoods to sandy beaches, you'll find Long Beach to be an urban waterfront playground. Visit museums, tour a 1930s ocean liner and watch sea lions at Long Beach's aquarium. Enjoy live performances and cruise Naples canals. Spot dolphins at play on your way to Catalina Island. Or take a short jaunt to Disneyland, Universal Studios Hollywood, or other Southern California attractions. Explore more at visitlongbeach.com.

## Renaissance Long Beach Hotel

111 E. Ocean Blvd. Long Beach, CA 90802

- Group rate: \$261 per night Single/Double, plus tax
- · Check in: 4 p.m. / Check out: 11 a.m.
- Main telephone: 562-437-5900
- · Parking: \$36 valet; \$33 self-parking
- In-room wireless: \$14.95/day

#### Reservations

- · Online: PublicPower.org/NationalConference (under Hotel)
- · Attendee group code: APPA 2020 Conference
- · Reservation telephone: 877-622-3056
- · Reservation cut-off date: May 15, 2020



### The Westin Long Beach

333 E. Ocean Blvd. Long Beach, CA 90802

- · Group rate: \$261 per night Single/Double, plus tax
- · Check in: 3 p.m. / Check out: Noon
- Main telephone: 562-436-3000
- · Parking: \$35 valet; \$30 self-parking
- In-room wireless: \$14.95/day

#### Reservations

- Online: PublicPower.org/NationalConference (under Hotel)
- · Attendee group code: AM1184
- · Reservation telephone: 800-937-8461
- · Reservation cut-off date: May 15, 2020

Make your reservations only at PublicPower.org/NationalConference or by calling the hotels directly. **No third parties are authorized to handle hotel reservations on our behalf.** 

Rooms often sell out before the cutoff date, so make your reservations early. Cancelled reservations that are not resold may become a financial liability for the Association, so please make your reservations thoughtfully. Contact Meetings@ PublicPower.org for help.









#### **Continuing Education Units**

Earn up to 1.3 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**

Earn up to 12 Professional Development Hours (PDHs). The Association's educational practices are consistent with the criteria for awarding 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**

Earn up to 14.4 Continuing Professional Education (CPE) credit hours for attending the conference. This program is a "group-live" offering. Program level is intermediate unless otherwise noted; there are no prerequisites and no advanced preparation is required. Areas of study will be 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.

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. North, Suite 700, Nashville, TN, 37219-2417. Website: www.nasbaregistry.org

Credit hours are calculated for attending the full conference from June 8-10, 2020. Earn additional credits by also attending preconference seminars.

#### **Reliable Public Power Provider Designation**

Attending the conference helps your utility earn points toward the American Public Power Association's Reliable Public Power Provider (RP3®) designation, which recognizes public power utilities that demonstrate proficiency in reliability, safety, workforce development, and system improvement. Learn more: PublicPower.org/RP3.



The National Conference is a valuable learning and networking experience. The sessions are topical and hit home on the challenges and opportunities confronting our industry.

#### **JOLENE THOMPSON**

Executive Vice President, American Municipal Power and Executive Director, Ohio Municipal Electric Association



Between the session content and opportunity to learn from my peers, this is one of the most informative uses of my time all year.

#### **TOM RIDER**

General Manager, Oklahoma Municipal Alliance



If you attend only one conference this year, the National Conference should be it. The breakout sessions are like attending a university lecture with 20 or 30 industry experts weighing in on the subject matter. I always bring new ideas back to my utility.

#### **TOM FARMER**

Commissioner, Mason County PUD 3, Washington

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2020 June 5 - 10

THE ACADEMY
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Conference
Long Beach, California

PublicPower.org/NationalConference

# Great Ideas for Your Community

- Governance and leadership
- Political and economic influences Innovation and new technologies
- Engaging your community
  - Operational excellence