2017 NARUC Officers

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Get Happy at NARUC!

NARUC has a meeting app! The app allows attendees to access detailed information on the NARUC agenda, participate in polling questions, learn about our sponsors, download documents, view draft resolutions, upload photos, and network with fellow attendees. More than 50 percent of attendees downloaded the app at the last meeting! As NARUC moves to a smaller printed program, the app is where you’ll find the information you need.

Except for social media comments, only attendees see NARUC app information.

GAME ON! Complete your profile, make connections with attendees, upload photos, add to the conversation wall, scan sponsor QR codes, participate in quizzes and polls, and get points! At the end of the week, the person with the most points wins a $150 Visa gift card!

Note: For iTunes, be sure you have your Apple password handy. Stop by the NARUC registration desk for help logging on or other questions!

2017 NARUC Winter Committee Meetings
General Information

Hotel Information
Renaissance Washington Hotel
999 9th Street, NW
Washington, DC 20001
tel: (202) 898-9000

The Henley Park
926 Massachusetts Avenue, NW
Washington, DC 20001
tel: (202) 414-0503

Registration and Information Desk
The NARUC registration and information desk will be open the following hours:
Sunday 8:30 a.m.–6:30 p.m.
Monday 8:30 a.m.–5:00 p.m.
Tuesday 8:30 a.m.–5:00 p.m.
Wednesday 8:30 a.m.–12:00 p.m.

Badge Color Identification
Badges must be worn and visible at all times when attending a NARUC meeting or event.

Blue: Commissioners
Green: Industry
Red: Commission Staff
Tan: Public Interest/Consumer Groups/Federal/State Agencies (non-members)
Purple: Media

Program Printing
This program was printed using information as of January 23. Some information may have changed by the time the meeting occurs.

Suggested Attire
• Sunday–Wednesday: Business Attire
• Welcome Reception: Business Attire
Meeting rooms have a tendency to be cool. We suggest you bring a sweater or jacket for your comfort.

Event Tickets
Tickets are required from everyone for entry to the NARUC Welcome Reception. There are no additional charges for this event. Tickets will be exchanged at the door for 2 beverage tickets. See the registration desk for guest ticket information and fees. NARUC encourages all individuals to drink responsibly and not to drink and drive.

Electronic Devices
In consideration of the speakers and your colleagues, please turn off all cellular phones and other communication devices while in any of the sessions. Your cooperation and courtesy is appreciated.

Twitter users
Use the #NARUCWinter17 hashtag when tweeting from our meetings. Follow us at http://twitter.com/naruc for the latest updates.

NEW! Conference App
Don’t miss out on the need-to-know information! Download the NARUC Winter Meeting Mobile App.
Conveniently review everything you need to know about the Winter Meeting. Enhance your event experience by using the app to view the entire program, connect with other attendees, engage in panel sessions and polls, view speaker profiles, and more right at your fingertips! Stop by the NARUC Registration Desk or ask a NARUC staff member if you need assistance downloading the App. Don’t miss out on the need-to-know information!

Taping/Video Policy
Unless you receive prior approval from NARUC, only credentialed members of the press are allowed to tape or video NARUC sessions. This policy gives comfort to our speakers and protects NARUC from potential legal action. If you wish to tape or record any portion of the NARUC meeting, please contact Regina Davis at rdavis@naruc.org for permission.
## Daily Schedule at a Glance

### SUNDAY, FEBRUARY 12

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<th>Time</th>
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<th>Room</th>
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<tbody>
<tr>
<td>8:30 a.m.–6:30 p.m.</td>
<td>Registration</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.–11:45 a.m.</td>
<td>Subcommittee on Supplier and Workforce Diversity</td>
<td>Ballroom Central</td>
<td>10</td>
</tr>
<tr>
<td>9:00 a.m.–11:45 a.m.</td>
<td>Staff Subcommittee on Consumer Affairs</td>
<td>Renaissance East</td>
<td>14</td>
</tr>
<tr>
<td>9:00 a.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Telecommunications</td>
<td>Ballroom North</td>
<td>35</td>
</tr>
<tr>
<td>10:00 a.m.–11:30 a.m.</td>
<td>Staff Subcommittee on Critical Infrastructure</td>
<td>Meeting Room 16</td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.–11:45 a.m.</td>
<td>Staff Subcommittee on Rate Design</td>
<td>Ballroom South</td>
<td>11</td>
</tr>
<tr>
<td>10:00 a.m.–11:30 a.m.</td>
<td>Washington Action (Commissioners and Staff)</td>
<td>Meeting Room 4</td>
<td></td>
</tr>
<tr>
<td>10:00 a.m.–11:30 a.m.</td>
<td>International Interactive Exercise (Commissioners and Staff)</td>
<td>Congressional Ballroom</td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.–10:30 a.m.</td>
<td>TeAM (Commissioners and Staff)</td>
<td>Meeting Room 5</td>
<td></td>
</tr>
<tr>
<td>10:15 a.m.–10:30 a.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>10:30 a.m.–12:45 p.m.</td>
<td>New Commissioner Forum (New Commissioners only)</td>
<td>Renaissance West A</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Committee on International Relations</td>
<td>Congressional Ballroom</td>
<td>33</td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Committee on Critical Infrastructure</td>
<td>Ballroom Central</td>
<td>16</td>
</tr>
<tr>
<td>1:30 p.m.–3:30 p.m.</td>
<td>Committee on Consumer Affairs</td>
<td>Renaissance East</td>
<td>14</td>
</tr>
<tr>
<td>1:30 p.m.–3:30 p.m.</td>
<td>Subcommittee on Pipeline Safety (Commissioners and Staff Only)</td>
<td>Meeting Room 15</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m.–3:30 p.m.</td>
<td>Task Force on Innovation</td>
<td>Renaissance West B</td>
<td>12</td>
</tr>
<tr>
<td>1:30 p.m.–2:30 p.m.</td>
<td>Staff Subcommittee on Energy Resources and the Environment</td>
<td>Meeting Room 5</td>
<td>21</td>
</tr>
<tr>
<td>2:30 p.m.–5:00 p.m.</td>
<td></td>
<td>Mount Vernon A</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Pipeline Safety (Commissioners and Staff Only)</td>
<td>Meeting Room 15</td>
<td></td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Electricity</td>
<td>Ballroom South</td>
<td>18</td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Gas</td>
<td>Mount Vernon A</td>
<td>27</td>
</tr>
<tr>
<td>1:30 p.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Electric Reliability</td>
<td>Ballroom South</td>
<td>18</td>
</tr>
<tr>
<td>1:30 p.m.–4:30 p.m.</td>
<td>Staff Subcommittee on Executive Management (Commissioners and Staff)</td>
<td>Meeting Room 16</td>
<td></td>
</tr>
<tr>
<td>2:45 p.m.–3:15 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>3:45 p.m.–4:00 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>5:00 p.m.–6:30 p.m.</td>
<td>Welcome Reception</td>
<td>Renaissance Ballroom</td>
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## Daily Schedule at a Glance

### MONDAY, FEBRUARY 13

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<tbody>
<tr>
<td>8:30 a.m.–5:00 p.m.</td>
<td>Registration</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>8:30 a.m.–10:15 a.m.</td>
<td>General Session</td>
<td>Ballroom South</td>
<td>7</td>
</tr>
<tr>
<td>10:15 p.m.–10:45 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Law</td>
<td>Meeting Room 15</td>
<td></td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Water</td>
<td>Renaissance West A</td>
<td>38</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Telecommunications</td>
<td>Ballroom North</td>
<td>36</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Electricity 1:30 p.m.–2:30 p.m. Subcommittee on Nuclear Issues 4:00 p.m.–5:00 p.m. Subcommittee on Clean Coal and Carbon Management</td>
<td>Ballroom Central</td>
<td>18</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Gas 1:30 p.m.–2:30 p.m. Joint with Critical Infrastructure 2:45 p.m.–3:45 p.m. Joint with Washington Action</td>
<td>Congressional Ballroom</td>
<td>28</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Energy Resources and the Environment</td>
<td>Renaissance East</td>
<td>22</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Staff Subcommittee on Pipeline Safety (Commissioners and Staff)</td>
<td>Meeting Room 16</td>
<td></td>
</tr>
<tr>
<td>11:45 a.m.–1:15 p.m.</td>
<td>Committee/Subcommittee/Staff Chairs Meeting and Luncheon (Invitees Only)</td>
<td>Renaissance West B</td>
<td></td>
</tr>
<tr>
<td>1:15 p.m.–2:15 p.m.</td>
<td>Staff Subcommittee on Water (Joint Meeting with Committee)</td>
<td>Renaissance West A</td>
<td>39</td>
</tr>
<tr>
<td>2:15 p.m.–2:45 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
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</tr>
<tr>
<td>3:45 p.m.–4:00 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
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<tr>
<td>5:15 p.m.–6:00 p.m.</td>
<td>MACRUC Region Meeting (Invitees only)</td>
<td>Meeting Room 4</td>
<td></td>
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<tr>
<td>5:15 p.m.–6:00 p.m.</td>
<td>NECPUC Region Meeting (Invitees only)</td>
<td>Meeting Room 5</td>
<td></td>
</tr>
<tr>
<td>5:15 p.m.–6:00 p.m.</td>
<td>MARC Region Meeting (Invitees only)</td>
<td>Meeting Room 6</td>
<td></td>
</tr>
<tr>
<td>5:15 p.m.–6:00 p.m.</td>
<td>Western Region Meeting (Invitees only)</td>
<td>Meeting Room 3</td>
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</tr>
<tr>
<td>5:15 p.m.–6:15 p.m.</td>
<td>SEARUC Regional Meeting (Invitees only)</td>
<td>Meeting Rooms 12-14</td>
<td></td>
</tr>
<tr>
<td>5:15 p.m.–6:15 p.m.</td>
<td>Commission Staff Power Hour (Commission Staff only)</td>
<td>Renaissance West B</td>
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## TUESDAY, FEBRUARY 14

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<tbody>
<tr>
<td>8:30 a.m.–5:00 p.m.</td>
<td>Registration</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.–10:30 a.m.</td>
<td>General Session</td>
<td>Ballroom South</td>
<td>8</td>
</tr>
<tr>
<td>10:15 a.m.–10:45 a.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Electricity</td>
<td>Ballroom Central</td>
<td>18</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Energy Resources and the Environment</td>
<td>Renaissance East</td>
<td>22</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Gas</td>
<td>Congressional Ballroom</td>
<td>30</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Telecommunications</td>
<td>Ballroom North</td>
<td>37</td>
</tr>
<tr>
<td>10:45 a.m.–5:00 p.m.</td>
<td>Committee on Water</td>
<td>Renaissance West A</td>
<td>39</td>
</tr>
<tr>
<td>11:45 a.m.–1:15 p.m.</td>
<td>Commissioner Emeritus Luncheon</td>
<td>Penn Quarter</td>
<td></td>
</tr>
<tr>
<td>11:45 a.m.–1:15 p.m.</td>
<td>Commissioner Only Business Luncheon (Commissioners only)</td>
<td>Renaissance West B</td>
<td></td>
</tr>
<tr>
<td>2:15 p.m.–2:45 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>3:45 p.m.–4:00 p.m.</td>
<td>Networking Break</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>4:00 p.m.–5:00 p.m.</td>
<td>Task Force on Military Workforce Development (closed meeting)</td>
<td>Meeting Room 2</td>
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## WEDNESDAY, FEBRUARY 15

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<tr>
<td>8:30 a.m.–12:00 p.m.</td>
<td>Registration</td>
<td>Ballroom Foyer</td>
<td></td>
</tr>
<tr>
<td>9:00 a.m.–10:15 a.m.</td>
<td>Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure</td>
<td>Ballroom South/Central</td>
<td>20</td>
</tr>
<tr>
<td>9:00 a.m.–10:15 a.m.</td>
<td>Committee on Telecommunications</td>
<td>Ballroom North</td>
<td>37</td>
</tr>
<tr>
<td>10:30 a.m.–11:45 a.m.</td>
<td>General Session</td>
<td>Ballroom South</td>
<td>8</td>
</tr>
<tr>
<td>11:45 a.m.–3:00 p.m.</td>
<td>Board of Directors Meeting</td>
<td>Congressional Ballroom</td>
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See page 42 for additional sponsors.
Monday, February 13 • 8:30 a.m.–10:15 a.m. • Ballroom South

8:30 a.m.
Remarks from The Honorable Greg Walden, Chairman, Committee on Energy and Commerce, United States House of Representatives.

9:00 a.m.

21st Century Utilities: The Role of Infrastructure, Innovation, and Investment

America relies on an aging utility infrastructure, much of which is in dire need of replacement. A large portion of our pipeline distribution system, drinking water infrastructure, and electrical grid is well over 100 years old and is now nearing the end of its useful life. Although thousands of miles of additional high-voltage electric transmission lines and significant oil and gas pipelines are planned over the next several years, permitting and siting issues threaten their completion. This, combined with the impact of severe weather events on a deteriorating distribution system highlight that now more than ever is a critical time to upgrade our nation’s utility infrastructure.

The investment needed to upgrade this infrastructure is immense. On the water side, the cost over the coming decades to replace aging pipes could reach more than $1 trillion. Yet, this work to upgrade our utility infrastructure needs to be done to ensure not only safe and reliable utility service, but also long-term economic growth for our nation. Private investment in broadband providers has been very robust, but more will be necessary to bring 21st century services to these utility segments and consumers throughout the country, especially in less dense and rural parts of the country.

There is a silver lining to this story. As we upgrade and invest in our nation’s utility infrastructure, there are endless opportunities for innovation, from smart meters and battery storage to alternative ratemaking. If harnessed correctly, innovation in the utility industry could not only improve the customer experience by making a safer and more reliable system, but also save energy and result in utility service that is more productive and efficient. The panelists will discuss their ideas for how to tackle this monumental issue of upgrading our nation’s aging utility infrastructure in ways that optimize new technology and innovation.

Moderator: Hon. Robert Powelson, NARUC President, Pennsylvania

Panelists: Chris Crane, EEI Vice Chairman, President and CEO, Exelon
Chris Franklin, CEO & President, Aqua America
Jack Gerard, President & CEO, API
Pierce Norton, AGA Board Chairman, ONEGAS
Jonathan Spalter, President & CEO, USTelecom
Federal Outlook for 2017

Insights from federal and legislative leaders policymakers for 2017.

**Moderator:** Hon. Robert Powelson, Pennsylvania, NARUC President

**Panelists:**
- Hon. Cheryl LaFleur, Acting Chairman, Federal Energy Regulatory Commission
- Hon. Bill Shuster, Chairman, House Transportation and Infrastructure Committee, U.S. House of Representatives

What Regulators Need to Know about Stopping Consumer Utility Scams

Over the last several years, the volume and complexity of scams aimed at utility consumers have been growing. Scammers are using technologies such as Caller ID spoofing and fake utility interactive voice response menus. Although it is difficult to quantify total losses, it is estimated that millions of dollars annually are stolen by criminals impersonating utility representatives. These scams also can undermine consumer confidence in a utility, unfairly damage its reputation, and place an added burden on its customer service operations.

What is being done to address this problem and what can State commissions do to educate consumers and help stop these scams? In this session, attendees will learn about an industry collaborative across North America to share data and best practices and implement initiatives to inform and protect customers. Attendees will also learn about emerging technologies to eliminate Caller ID spoofing, as well as State efforts to crack down on these scams and educate consumers on how to identify potential scams and whom to contact to report suspicious activity.

**Moderator:** Hon. Jack Betkoski, Connecticut

**Panelists:**
- Hon. Ann Rendahl, Washington
- Elin Katz, Consumer Counsel, Connecticut Office of Consumer Counsel
- Jared Lawrence, Vice President Revenue Services, Duke Energy Customer Services
- Brent Struthers, Senior Policy Advisor, Neustar, Inc.
AMERICA’S NATURAL GAS

THE MARKET DRIVEN SOLUTION

PROVIDING CLEAN

RELIABLE AND

AFFORDABLE POWER
Subcommittee on Supplier and Workforce Diversity

9:00 a.m.

Welcome and Opening Remarks

*Hon. Sherina Maye Edwards,* Subcommittee Chair, Illinois

9:10 a.m.

Flash from the Past: A Dialogue with Former Commissioners in the Private Sector

**Moderator:** *Lamar Davis,* Executive Director, Government and Regulatory Affairs, Midcontinent Independent System Operator

**Panelists:**
- *Robert Kenney,* VP, CPUC Regulatory Relations, Pacific Gas & Electric Company
- *Lori Murphy Lee,* Manager, Regulatory & Legislative Affairs, PJM Interconnection
- *Greg White,* Executive Director, National Association of Regulatory Utility Commissioners
- *Timothy Alan Simon,* Founder, TAS Strategies

10:10 a.m.

Hiring and Diversity: Utility Apathy or Enthusiasm?

**Moderator:** *Hon. Angela R. Weber,* Indiana

**Panelists:**
- *LaTonya King,* Director, Diversity & Inclusion, Duke Energy
- *Marianne Taylor,* Director, Recruitment & Talent Acquisition, American Water
- *Chris Smith,* VP, Human Resources, NiSource

11:10 a.m.

Commissioner Discussion: Supplier and Workforce Diversity Toolkit

**Moderator:** *Hon. Sherina Maye Edwards,* Chair, Committee on Supplier and Workforce Diversity, Illinois

11:30 a.m.

Closing Remarks and Adjourn
Board of Directors

Staff Subcommittee on Rate Design

9:00 a.m.–10:15 a.m.

Blockchain! An Introduction

Moderator: Chris Villarreal, Director of Policy, Minnesota Public Utilities Commission
Panelists: Matt Byron, Ernst & Young
Lynne Kiesling, Northwestern University
Lawrence Orsini, LO3 Energy
Ravi Pradhan, Siemens

10:15 a.m.–10:30 a.m.

Break

10:30 a.m.–11:30 a.m.

We Are Underused: How DER Compensation and Value Identification Affects the Utilization of DER

Moderator: Chris Villarreal, Director of Policy, Minnesota Public Utilities Commission
Panelists: John Diem, Steffes
Dave Packard, ChargePoint
Benjamin Stafford, Advanced Energy Economy

11:30 a.m.–11:45 a.m.

Update on Grid Modernization Laboratory Consortium Projects

Moderator: Chris Villarreal, Director of Policy, Minnesota Public Utilities Commission
Panelist: Chuck Goldman, Department of Energy

Washington Action (Commissioners and Staff)

Sunday, February 12 • 10:00 a.m.–11:30 a.m. • Meeting Room 4

TeAM (Commissioners and Staff)

Sunday, February 12 • 9:00 a.m.–10:45 a.m. • Meeting Room 5
Task Force on Innovation

**Integrated Energy Networks and Battery Storage**

**Moderator:** Hon. Brien J. Sheahan, Illinois

Michael Howard, CEO and President, EPRI

*Introduction of the Integrated Energy Network*

Kiran Kumaraswamy, Director, Market Development, AES Energy Storage

*Large Scale Energy Storage Status: Addressing Peaking Capacity Needs*

Sarah Van Cleve, Policy Advisor, Tesla

*Distributed Energy Storage Status and Benefits*

Mike Byrnes, SVP, Veolia North America

*Commercial Customer Perspective*

Roger Flanagan, Managing Director, Lockheed Martin

Topic TBD

Don Wingate, VP of Utilities, Schneider Electric

*Storage and Demand Response with Data Centers*

Caroline Choi, SVP Regulatory Affairs, Southern California Edison

*Project Experience and Policy Needs*

Michelle Blaise, Senior Vice President of Technical Services, Commonwealth Edison

Topic TBD

**Roundtable Discussion on Policy Roadmap**

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Staff Subcommittee on Executive Management (Commissioners and Staff)

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Staff Subcommittee on Law
Board of Directors

Tuesday, February 14 • 4:00 p.m.–5:00 p.m. • Meeting Room 2
Task Force on Military Workforce Development (closed meeting)

Wednesday, February 15 • 11:45 a.m.–3:00 p.m. • Congressional Ballroom
Board of Directors Meeting

Creating a More Resourceful World

At Itron, we believe that the way we manage energy and water will define this century. We connect people, devices and information through technology and services—and in the process, we build more insightful utilities, stronger communities and smarter cities.

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Staff Subcommittee on Consumer Affairs

9:00 a.m.—10:00 a.m.

Socializing the Cost of Solar

Moderator: Cynthia L. Muir, Director, Office of Consumer Assistance, Florida PSC

Panelists: Galen Barbose, Electricity Markets & Policy Group, Lawrence Berkeley National Laboratory
William H. Malcolm, Sr. Legislative Representative/State Advocacy, AARP
Tony Sanchez, NV Energy

10:00 a.m.—10:15 a.m.

Fighting Utility Customer Scams

Panelist: Jared Lawrence, Vice President of Revenue Services, Duke Energy, LLC

10:15 a.m.—10:30 a.m.

Networking Break

10:30 a.m.—11:45 a.m.

(Ballroom North)

Disability Access Communications — The Digital Migration

Moderator: Jeff Richter, USF Director, Wisconsin

Panelists: Laurie Flaherty, Coordinator, National 911 Program, USDOT
Karen Peltz Strauss, Deputy Chief, Consumer and Governmental Affairs Bureau, FCC
Gregg Vanderheiden, Professor, iSchool, and Director of Trace R&D Center, University of Maryland
Christian Vogler, Director of Technology Access Program, Gallaudet University NASRA/TEDPA, Invited

Committee on Consumer Affairs

1:30 p.m.—2:45 p.m.

Inclusive Financing for Distributed Energy Solutions

Moderator: Hon. Brandon Presley, Mississippi

Panelists: Jim Gardner, Commissioner Emeritus, Kentucky
Consumer Affairs

Geoff Marke, Economist, Missouri Office of Public Counsel
Wally Nixon, Legal Counsel, Arkansas Public Service Commission
Curtis Wynn, CEO, Roanoke Electric Cooperative (North Carolina)

2:45 p.m.–3:30 p.m.

Give the People What They Want?: Polling in the Wake of 2016 Election and What it Means for Congress, the New Administration and State Decision Makers

Panelists:  John Ashford, Chairman, The Hawthorn Group
           Michael Meyers, Managing Partner & President, TargetPoint
Sunday, February 12 • 10:00 a.m.–11:30 a.m. • Meeting Room 16

Staff Subcommittee on Critical Infrastructure

Sunday, February 12 • 1:30 p.m.–5:00 p.m. • Ballroom Central

Committee on Critical Infrastructure

1:30 p.m.

**Critical Infrastructure Catalog Update**

1:50 p.m.

**Partner Updates**

*Devon Streit*, Deputy Assistant Secretary, ISER, DOE  
*Eric Goldstein*, National Protection and Programs Directorate, Office of Cybersecurity and Communications, DHS  
*Dr. Arshad Mansoor*, Senior Vice President, Research & Development, EPRI  
*Joe McClelland*, Director, Office of Energy Infrastructure Security, FERC

3:45 p.m.

**How Safe is Safe Enough: Cybersecurity: Cost Recovery in a New Era of Risk**

**Moderator:** *Caitlin Shields*, Wilkinson Barker Knauer, LLP  
**Panelists:** *Hon. Sherina Maye Edwards*, Illinois  
*Carol Bartucci*, Vice President, IT, ComEd  
*Ron Darnell*, Senior Vice President, Public Policy, PNM

4:30 p.m.

**Cyber Workforce: Addressing the Gap**

**Panelists:** *Jim Newfrock*, Senior Partner, Korn Ferry  
*Bill Newhouse*, Program Lead, National Initiative for Cybersecurity Education, NIST  
*Dr. Mark Troutman*, Director, Center for Infrastructure Protection, George Mason University
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ENERGY LEADER & ENTREPRENEUR

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NEI
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Get the facts at nei.org
Sunday, February 12 • 1:30 p.m.–5:00 p.m. • Ballroom South

Staff Subcommittees on Electricity & Electric Reliability

2:45 p.m.–3:20 p.m.

The National Cost of Power Interruptions to Customers, and Early Findings from State PUC Staff Reviews of Utility Reliability/Resilience Investment Requests

Moderator: Kimberly Duffley, Vice Chair, Staff Subcommittee on Electricity, and Attorney, North Carolina Utilities Commission

Panelists: Joseph H. Eto and Peter H. Larsen, Lawrence Berkeley National Laboratory

3:30 p.m.–5:00 p.m.

Cloud Services for Electric Utilities

Moderator: Sheree Kernizan, Director, Electric Unit, Georgia PSC

Panelists: Felek Abbas, Senior CIP Auditor, NERC
            Joe Joyce, Cloud Solution Architect, Microsoft Azure
            Dr. Arshad Mansoor, Senior VP, Research & Development, EPRI
            Jianhui Wang, PhD, Section Manager, Argonne National Labs

Monday, February 13 • 10:45 a.m.–5:00 p.m. • Ballroom Central

Committee on Electricity

10:45 a.m.–5:00 p.m.

PURPA: How Much Implementation Flexibility Do State Commissions Have?

Moderator: Hon. Libby Jacobs, Iowa

Panelists: Lawrence R. Greenfield, Senior Attorney, FERC
          Ari Peskoe, Sr. Fellow in Electricity Law, Harvard Law School
          Irene Kowalczyk, Director of Global Energy, Westrock

1:30 p.m.–2:30 p.m.

Subcommittee on Nuclear Issues-Waste Disposal

Political Prognostications About Nuclear Issues

Moderators: Hon. Anthony O’Donnell, Maryland
            James Spearman, Executive Assistant & Sr. Technical Advisor, Public Service Commission of South
Electricity

Panelists: Michael McKenna, President, MWR Strategies  
Jack Spencer, Heritage Foundation, and VP, Institute for Economic Freedom and Opportunity  
Andy Zack, Professional Staff, House Committee on Energy and Commerce

2:45 p.m.–3:45 p.m.

Energy Storage: Three Views
Moderator: Hon. Asim Haque, Ohio
Panelists: Hon. Cheryl LaFleur, Federal Energy Regulatory Commission  
Ned Bartlett, Undersecretary of Energy and Environmental Affairs, Massachusetts  
Kenneth Collison, Vice President, ICF International

4:00 p.m.–5:00 p.m.

Subcommittee on Clean Coal and Carbon Management
Moderator: Hon. Jeremy Oden, Alabama
Panelists: Joseph Giove III, Director of Coal Business Operations, U.S. Department of Energy  
Carey King, PhD, Assistant Director and Research Scientist, Energy Institute at the University of Texas at Austin  
Josh Rhodes, PhD, Webber Energy Group Postdoctoral Fellow, Energy Institute at the University of Texas at Austin

Tuesday, February 14 • 10:45 a.m.–5:00 p.m. • Ballroom Central

Committee on Electricity

10:45 a.m.–11:45 a.m.

Commissioners’ Roundtable
Moderator: Hon. Edward Finley, North Carolina
Presenters: Hon. Doug Little, Arizona  
Hon. Richard Mroz, New Jersey  
Hon. Kristine Raper, Idaho  
Hon. Ann Rendahl, Washington  
Hon. John Rosales, Illinois  
Hon. Ted Thomas, Arkansas
1:30 p.m.–2:30 p.m.

**Cyber Risks and the Internet of Things**

**Moderator:** Hon. Richard Mroz, New Jersey  
**Presenters:** Hon. Nick Wagner, Iowa  
Karen R. Lefkowitz, Vice President, Smart Grid & Technology, Pepco Holdings, Technical Services  
Jeff Voas, Computer Scientist, National Institute of Science and Technology

2:45 p.m.–3:45 p.m.

**Business Meeting**

**Moderator:** Hon. Edward Finley, North Carolina  
**Speaker:** John Moura, Director of Reliability Assessment and System Analysis, NERC  
**Resolutions**

4:00 p.m.–5:15 p.m.

**What Is Next for the EPA’s Carbon Regulations for Existing Power Plants?**

**Moderators:** Hon. Edward Finley, North Carolina  
Hon. Nancy Lange, Minnesota  
**Panelists:** Paul Cicio, President, Industrial Energy Consumers of America  
David Doniger, Dir., Climate and Clean Air Program, Natural Resources Defense Council  
Roger Martella, Partner, Sidley Austin

Wednesday, February 15 • 9:00 a.m.–10:15 a.m. • Ballroom South/Central

**Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure**

9:00 a.m.–10:15 a.m.

**A National Focus on Resiliency**

**Moderator:** Hon. Judy Jagdmann, Virginia  
**Panelists:** Mark Correll, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure, United States Air Force  
Michael McGhee, P.E., Executive Director, US Army Office of Energy Initiatives  
John Kliem, Executive Director, Renewable Energy Program Office, Office of the Assistant Secretary of the Navy (Energy, Installations & Environment)
Staff Subcommittee on Energy Resources and the Environment

1:30 p.m.–2:15 p.m.

Reimagining State Interconnection Rules for Distributed Generation Plug-and-Play Procedures

Moderator:  Jon Kucskar, Senior Commission Advisor, Maryland Public Service Commission

Panelists:  Sarah Baldwin Auck, Director, Regulatory Program, Interstate Renewable Energy Council
            Michael Coddington, Principal Engineer, National Renewable Energy Laboratory
            Tom Stanton, Principal Researcher, National Regulatory Research Institute
Energy Resources and the Environment

2:30 p.m.–3:30 p.m.
Natural Gas Fracking and Water Quality – Fact vs. Fiction
(Joint Session with Gas and Water Staff Subcommittees)

Moderators: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Donald Lomoljo, Utilities Hearing Officer, Nevada Public Utilities Commission
Karen Olesky, Economist, Nevada Public Utilities Commission

Panelists: Nancy Johnson, Senior Advisor, Environmental Science and Policy Analysis, U.S. DoE
David McBride, VP, Global Health Safety and Environment, Anadarko
Curtis S. Stanley, Principal Hydrogeologist, GSI Environmental, Inc.

3:45 p.m.–5:00 p.m.
The Unknown Fugitive — Why We Care About Unexpected Methane Emissions and the Efforts to Capture Them
(Joint Session with Gas)

Moderators: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Karen Olesky, Economist, Nevada Public Utilities Commission

Panelists: James Bradbury, Senior Advisor, Energy Policy and Systems Analysis, DoE
Talmadge Centers, VP of Safety and Gas System Integrity, CenterPoint Energy
N. Jonathan Peress, Director, Energy Market Policy, Environmental Defense Fund

Monday, February 13 • 10:45 a.m.–5:00 p.m. • Renaissance East
Committee on Energy Resources and the Environment

10:45 a.m.–11:45 a.m.
Community Solar— Stories from the Trenches
Moderator: Hon. Andrew Place, Pennsylvania

Panelists: Hon. Jeffrey Ackermann, Colorado
Jeff Cramer, Executive Director, Coalition for Community Solar Access
Jack Hoskins, Graduate Student, Princeton’s Woodrow Wilson School of Public and International Affairs
Stephen Lassiter, Graduate Student, Princeton’s Woodrow Wilson School of Public and International Affairs

1:30 p.m.–2:30 p.m.
Why Are We Talking About LED Street Lighting?
Moderator: Hon. Betty Ann Kane, Washington, D.C.
Energy Resources and the Environment

Panelists:  
- Peter Curley, Technologist, Climate Group  
- Robert Kramer, Director of the Energy Efficiency and Utilization Center, Purdue University Calumet  
- Vince Maione, Region President, Atlantic City Electric  
- Crystal McDonald, Program Manager, US DOE's Outdoor Lighting Accelerator  
- Theodore Sommer, CPA, London Witte Group

2:45 p.m.–3:45 p.m.

Who Wore it Better—Utility Scale Solar or Rooftop Solar?

Moderator:  Hon. Beth Trombold, Ohio  
Panelists:  
- John Farrell, Director of Democratic Energy, Institute for Local Self Reliance  
- Brian Potts, Partner, Perkins Coie

4:00 p.m.–5:00 p.m.

Commissioner Roundtable

Facilitator:  Hon. Donna Nelson, Texas
Energy Resources and the Environment

Tuesday, February 14 • 10:45 a.m.–5:00 p.m. • Renaissance East
Committee on Energy Resources and Environment

10:45 a.m.

Business Meeting

Introduction and Welcome:
Hon. Nancy Lange, Minnesota, Chair
Hon. Jeannette Mills, Maryland, Co-Vice Chair
Hon. Donna Nelson, Texas Co-Vice Chair

Resolutions

Briefings:
Ron Edelstein, Director, Regulatory and Government Relations, GTI
Tom Stanton, Principal Researcher for Energy and Environment, NRRI
Energy Resources and the Environment

Barbara Tyran, Executive Director, Governmental & External Relations, EPRI

Presentations:
A New Approach to Energy Efficiency in the Retail Sector, Peter Banwell, Director, Energy Star Product Marketing, EPA
Recent Trends and Emerging Developments in Utility-sector Energy-efficiency Programs and Policies, Steve Nadel, Executive Director, ACEEE
2017 Sustainable Energy in America Factbook, Ruth McCormick, Director, Federal and State Affairs, BCSE

1:30 p.m.–2:30 p.m.

Regulatory Reform: Updating the Regulatory Toolkit to Deploy Renewables

Moderator: Hon. Carla Peterman, California
Panelists: Ryan Wiser, Senior Scientist and Group Leader, Electricity Markets and Policy, LBNL
Michael Champley, Commissioner Emeritus, Hawaii
Jeanne Fox, Adjunct Professor, Columbia University School of International and Public Affairs, Commissioner Emeritus, New Jersey
Bob Rowe, President and CEO, Northwestern Energy, Commissioner Emeritus, Montana, Former NARUC President

2:45 p.m.–3:45 p.m.

Carbon: A Risk or An Opportunity?

Moderator: Sue Tierney, Senior Advisor, Analysis Group
Panelists: Steve Skarda, Global Climate & Energy Leader, Procter and Gamble
Swami Venkataraman, Sr. Vice President, Global Project and Infrastructure Finance, Moody’s Investors Service
Jonathan Weisgall, Vice President, Government Relations, Berkshire Hathaway Energy

4:00 p.m.–5:15 p.m.

What is Next for the EPA’s Carbon Regulations for Existing Power Plants? (Joint Session with Electricity)

Moderators: Hon. Ed Finley, North Carolina
Hon. Nancy Lange, Minnesota
Panelists: Paul Cicio, President, Industrial Consumers of America
Dave Doniger, Director, Climate and Clean Air Program, Natural Resources Defense Council
Roger Martella, Attorney, Sidley Austin
Energy Resources and the Environment

Wednesday, February 15 • 9:00 a.m.–10:15 a.m. • Ballroom South/Central

Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure

A National Focus on Resiliency

Moderator: Hon. Judy Jagdmann, Virginia

Panelists: Mark Correll, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure, United States Air Force
Michael McGhee, P.E., Executive Director, US Army Office of Energy Initiatives
John Kliem, Executive Director, Renewable Energy Program Office, Office of the Assistant Secretary of the Navy (Energy, Installations & Environment)

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Sunday, February 12 • 1:30 p.m.–3:30 p.m. • Meeting Room 15

Subcommittee on Pipeline Safety (Commissioners and Staff Only)

Sunday, February 12 • 1:30 p.m.–5:00 p.m. • Meeting Room 15

Staff Subcommittee on Pipeline Safety (Commissioners and Staff Only)

Sunday, February 12 • 1:30 p.m.–5:00 p.m. • Mount Vernon A

Staff Subcommittee on Gas

1:30 p.m.–2:00 p.m.

North American Energy Standards Board (NAESB)—Who Are We? What We Do

Moderator: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Presenter: Jonathan Booe, Executive Vice President & Chief Administrative Officer North American Energy Standards Board

2:00 p.m.–2:30 p.m.

Know All There is About Conversion from Coal to Natural Gas?

Moderator: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Presenter: Theresa Pugh, Theresa Pugh Consulting

2:30 p.m.–3:30 p.m.

Natural Gas Fracking and Water Quality – Fact vs. Fiction (Joint Session with ERE and Water Staff Subcommittees)

Moderators: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Donald Lomoljo, Utilities Hearing Officer, Nevada Public Utilities Commission
Karen Olesky, Economist, Nevada Public Utilities Commission

Panelists: Nancy Johnson, Senior Advisor, Environmental Science and Policy Analysis, U.S. DoE
David McBride, VP, Global Health Safety and Environment, Anadarko
Curtis S. Stanley, Principal Hydrogeologist, GSI Environmental, Inc.

3:30 p.m.–3:40 p.m.

GTI Updates

Moderator: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Presenter: Ron Edelstein, Director, Regulatory and Government Relations, Gas Technology Institute
Gas

3:45 p.m.–5:00 p.m.
The Unknown Fugitive—Why We Care About Unexpected Methane Emissions and the Efforts to Capture Them
(Joint Session with ERE Staff Subcommittee)
Moderators: Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities
Karen Olesky, Economist, Nevada Public Utilities Commission
Panelists: James Bradbury, Senior Advisor, Energy Policy and Systems Analysis, DOE
Talmadge Centers, VP of Safety and Gas System Integrity, CenterPoint Energy
N. Jonathan Peress, Director, Energy Market Policy, Environmental Defense Fund

Sunday, February 12 • 3:45 p.m.–5:00 p.m. • Congressional Ballroom
Committee on Gas
Strategic Role of Natural Gas in Transatlantic International Relations
(Joint Session with the Committee on International Relations)
Moderators: Hon. Diane X. Burman, New York
Hon. Anthony O’Donnell, Maryland
Panelists: Mark Brownstein, Vice President, Oil and Gas Program, Environmental Defense Fund
Thomas Cunningham, Deputy Director, Global Energy Center, The Atlantic Council
David Goldwyn, Goldwyn Global Strategies
Pat Outtrim, Tellurian Investments
Barry Smitherman, Commissioner Emeritus, Texas

Monday, February 13 • 10:45 a.m.–5:00 p.m. • Meeting Room 16
Staff Subcommittee on Pipeline Safety

Monday, February 13 • 10:45 a.m.–5:00 p.m. • Congressional Ballroom
Committee on Gas

10:45 a.m.–11:45 a.m.
Gas CEO Panel—Reflections on the Business of Natural Gas
Moderators: Hon. Diane X. Burman, New York
Hon. Julie Fedorchak, North Dakota
Panelists:  
Jeff Bruner, President, Iroquois Pipeline Operating Company  
Eddie Johnston, Senior V.P., GTI Research & Technology Development  
Pierce Norton, President and CEO, ONEGAS and AGA Board Chairman  
Dena Wiggins, President and CEO, Natural Gas Supply Association  
Producer representative (Invited)

1:30 p.m.–2:30 p.m.

**Natural Gas and the Advanced Persistent Threat of Cyber Attacks—The Awakening of Natural Gas Cyber Analysis and Policy**  
(Joint Panel with Critical Infrastructure)

Moderator:  
Hon. Richard S. Mroz, New Jersey

Panelists:  
Hon. Robert R. Scott, New Hampshire  
Kimberly Denbow, Director of Operations, American Gas Association  
Representative of Federal Law Enforcement (cybersecurity focus, invited)  
Kathy E. Kountze, Senior Vice President and CIO, Information and Technology, Eversource  
Joe McClelland, Director, Office of Energy Infrastructure Security, FERC

2:45 p.m.–3:45 p.m.

**Federal Tax Plan Landscape Issues—Expert Perspectives on Potential Federal Tax Plans**  
(Joint Panel with Washington Action)

Moderators:  
Hon. ToNola D. Brown-Bland, North Carolina  
Hon. Nick Wagner, Iowa

Panelists:  
William Davis, Tax Policy Counsel — U.S. House of Representatives  
Richard McMahon, Jr., Vice President, Edison Electric Institute  
Joe Mikrut, Partner, Capitol Tax Partners  
Jennifer Stewart, Senior Vice President Tax and Treasury, Southwestern Energy

4:00 p.m.–5:00 p.m.

**Pipeline Safety—Roundtable Discussion on Pipeline Safety**

Moderators:  
Hon. John Coleman, Pennsylvania  
Hon. Sherina Edwards, Illinois

Panelists:  
Randy Knepper, Director, Safety Division, New Hampshire PUC; Chair, Staff Subcommittee on Pipeline Safety  
Alan K. Mayberry, Associate Administrator, Pipeline Safety, DOT/PHMSA  
David Murk, Manager of Pipelines, Midstream and Industry Operations, American Petroleum Institute  
Christina Sames, VP Operations, American Gas Association
Tuesday, February 14 • 10:45 a.m.–5:00 p.m. • Congressional Ballroom

Committee on Gas

10:45 a.m.–11:45 a.m.

Diverse Opportunities in Gas and Pipeline Safety
(Joint session with Supplier and Workforce Diversity Committee)

Moderators: Hon. Sherina Maye Edwards, Illinois

Panelists: Hon. Judith Williams Jagdmann, Virginia
Tara Smith Anderson, Director, External Mobilization, American Petroleum Institute
Jerrold Hill, Vice President, Human Resources, Southern Company Gas
Jennifer Morrison, Commodities Portfolio Manager, Peoples Gas and North Shore Gas

1:30 p.m.–2:30 p.m.

Business Meeting

Hon. Colette D. Honorable, FERC
Jay Copan, Executive Director, World Gas Conference 2018

Resolutions

2:45 p.m.–3:45 p.m.

Natural Gas Opportunities—Roundtable Discussion Phase One Natural Gas-Fueling the Economic Engine

Moderators: Hon. Diane X. Burman, New York
Hon. Julie Fedorchak, North Dakota

Panelists: Karen Alderman Harbert, President and CEO, Institute for 21st Century Energy
Erica Bowman, Chief Economist, API
Paul Geiger, Senior, VP Business Development, Southwestern Energy
Mark Mitchell, Senior Vice President of Commercial Operations – Eastern Operations, Crestwood LP
Scott Wright, MISO

4:00 p.m.–5:15 p.m.

Natural Gas Opportunities: Roundtable Discussion Phase Two Gas–Electric Interdependencies—Accommodating an Increased Dependence on Natural Gas

Moderators: Hon. Robert M. Pickett, Alaska
Hon. Swain E. Whitfield, South Carolina

Panelists: Michael Nowak, National Fuel Gas
Peter Brandien, VP System Operations ISO NE
John Maura, Director Reliability Assessment, NERC
Wednesday, February 15 • 9:00 a.m.–11:45 a.m. • Ballroom South/Central

Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure

9:00 a.m.–10:15 a.m. 

A National Focus on Resiliency

Moderator: Hon. Judy Jagdmann, Virginia

Panelists: Mark Correll, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure, United States Air Force
Michael McGhee, P.E., Executive Director, US Army Office of Energy Initiatives
John Kliem, Executive Director, Renewable Energy Program Office, Office of the Assistant Secretary of the Navy (Energy, Installations & Environment)
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International Relations

Sunday, February 12 • 1:30 p.m.–5:00 p.m. • Congressional Ballroom

Committee on International Relations

1:30 p.m.–1:40 p.m.

Welcome and Introductions
Hon. David Danner, Washington

Approval of minutes
Hon. David Danner, Washington

1:40 p.m.–2:05 p.m.

EEI in the World
Moderator: Hon. David Danner, Washington
Panelist: Lawrence Jones, Vice President, International Programs, Edison Electric Institute

2:05 p.m.–2:30 p.m.

ICER Explained
Moderator: Hon. Murray Doehler, Nova Scotia
Panelist: Hon. John Betkoski, Connecticut

2:30 p.m.–3:00 p.m.

NARUC’s International Activities: The View from USAID and DOS
Moderator: Hon. David Danner, Washington
Panelists: Dorian Mead, Energy Reform & Reconstruction Advisor, Office of Energy & Infrastructure/Energy Division, U.S. Agency for International Development
Anna Shpitsberg, Global Power Sector Program Manager, Office of Energy Programs, Bureau of Energy Resources, U.S. Department of State

3:00 p.m.–3:15 p.m.

Networking Break

3:15 p.m.–3:30 p.m.

Report on NARUC International Programs
Erin Hammel, Director of International Programs, National Association of Regulatory Utility Commissioners
International Relations

3:45 p.m.–5:00 p.m.

Strategic Role of Natural Gas in Transatlantic International Relations
(Joint Session with the Committee on Gas)

Moderators: Hon. Diane X. Burman, New York
            Hon. Anthony O’Donnell, Maryland

Panelists:  Mark Brownstein, Vice President, Oil and Gas Program, Environmental Defense Fund
            Thomas Cunningham, Deputy Director, Global Energy Center, The Atlantic Council
            David Goldwyn, Goldwyn Global Strategies
            Pat Outtrim, Tellurian Investments
            Barry Smitherman, Commissioner Emeritus, Texas
Staff Subcommittee on Telecommunications

9:00 a.m.–10:15 a.m.

Panel III – Wireless Expansion: Distributed Antenna Systems & Small Cell Deployment

Moderator: Catlin M. Shields, Associate, Wilkinson Barker Knauer, LLP

Panelists: Benjamin Aron, Director State Regulatory and External Affairs, CTIA
          Jason Caliento, Mobilitie, Sr. Vice President
          Mike Hill, National Director, External Relations – Infrastructure, ExteNet
          Angelina Panattieri, Principal Associate, Technology & Communications, Federal Advocacy, NLC

10:15 a.m.–10:30 a.m.

Networking Break

10:30 a.m.–11:45 a.m.

Panel IV: Disability Access Communications – The Digital Migration
(Joint Session with the Staff Subcommittee on Consumer Affairs)

Moderator: Jeff Richter, Wisconsin

Panelists: Laurie Flaherty, Coordinator, National 911 Program, USDOT
          Greg Vanderheiden, Professor, iSchool, & Director of TRACE R&D Center, University of Maryland
          Christian Vogler, Director of Technology Access Program, Gallaudet University
          Karen Peitz Strauss, Deputy Chief, Consumer & Governmental Affairs Bureau, FCC
          NASRA/TEDPA. Invited

11:45 a.m.–1:00 p.m.

Lunch (On Your Own)

1:00 p.m.–2:30 p.m.

Panel V: Telecomm Infrastructure and the USF: New Administration, New Policies, and the Current Fund

Moderator: Joe Witmer, Pennsylvania

Panelists: Hon. Johann Clendenin, United States Virgin Islands
          Jeb Benedict, Vice President Federal Regulatory Affairs & Regulatory Counsel, CenturyLink
          Rick Cimerman, Vice President External & State Regulatory Affairs, NCTA
          Mark Cooper, Research Director, Consumer Federation of America
Keith Oliver, Senior Vice President Corporate Operations, Home Telephone Company
National Rural Electric Cooperatives

2:30 p.m.—2:45 p.m.
Networking Break

2:45 p.m.—4:00 p.m.
Presentation: Critical Infrastructure Threat Information Sharing Framework

4:00 p.m.—5:00 p.m.
Resolutions Final Discussion

Monday, February 13 • 10:45 a.m.—5:00 p.m. • Ballroom North

Committee on Telecommunications

10:45 a.m.—11:45 a.m.

Congressional Staff Panel

Moderator: Hon. Elliott Elam, South Carolina
Panelist: Jamie Susskind, Chief Counsel, Senator Deb Fischer (NE)

1:30 p.m.—2:30 p.m.

Broadband and Privacy Issues—Who Best Protects the Consumer?

Moderator: Hon. Phil Jones, Washington
Panelists: Jonathan Banks, Senior VP, Law & Policy, US Telecom
          Rick Chessen, Senior VP of Legal & Regulatory, NCTA
          Neil Chilson, Attorney Advisor, Acting Chair Ohlhausen, FTC
          Dallas Harris, Policy Fellow, Public Knowledge
          Jules Polonetsky, CEO, Future of Privacy Forum

2:45 p.m.—3:45 p.m.

Update on the Transition to a New Local Number Portability Administrator

Moderator: Hon. Betty Ann Kane, District of Columbia
Panelists: Bill Reilly, Director, Advisory – PwC Services, LLC
          Kathy Timko, Senior Vice President & General Manager, Number Portability Services, iconectiv
4:00 p.m.–5:00 p.m.

Telecommunications Resiliency and Critical Infrastructure

**Moderator:** Hon. Gregg Sayre, New York

**Panelists:** Catherine J. K. Sandoval, Commissioner Emeritus, California; Associate Professor, Santa Clara School of Law

Tuesday, February 14 • 10:45 a.m.–5:00 p.m. • Ballroom North

**Committee on Telecommunications**

10:45 a.m.–Noon

**Wireless Expansion: Distributed Antenna Systems & Small Cell Deployment**

**Moderator:** Hon. Johann Clendenin, Virgin Islands

1:30–2:30 p.m.

**Business Meeting**

2:45 p.m.–3:45 p.m.

**Discussion with State Broadband Offices**

**Moderator:** Hon. Crystal Rhodes, Nebraska

**Panelists:** Danna MacKenzie, Executive Director, Minnesota Office of Broadband Development
Jeffrey R. Sural, Acting General Counsel, Director, Broadband Infrastructure Office, North Carolina Department of Information Technology
Tony Simental, West Virginia State GIS Coordinator, WV Office of GIS Coordination
NTIA Representative TBA
Monday, February 13 • 10:45 a.m.–5:00 p.m. • Renaissance West A

Committee on Water

10:45 a.m.–11:45 a.m.

Resiliency Before, During, and After Disruptive Events
(Joint Session with Committee on Critical Infrastructure)

Moderator: Hon. Randy Randall, South Carolina

Panelists: Laurent Carrot, Vice President and General Manager, SUEZ Water New Jersey
Kevin Kirwan, Vice President of Operations, New Jersey American Water
Michael J. Santorelli, Director of the Advanced Communications Law and Policy Institute at New York Law School
Paul Stockton, Managing Director, Sonecon
1:30 p.m.–2:30 p.m.

**Water Infrastructure Replacement: How Does it Get Paid For?**

*(Joint Session with Staff Subcommittee on Water)*

**Moderators:** Don Lomoljo, Utilities Hearing Officer, Public Utilities Commission of Nevada  
Patricia Lucarelli, Chief of Legal Services, Rhode Island Public Utilities Commission

**Panelists:** Sue Daly, Senior Utility Specialist, Public Utilities Commission of Ohio  
Christine Maloni Hoover, Senior Assistant Consumer Advocate, Pennsylvania Office of Consumer Advocate  
Cathy Pedemonti, Utilities Examiner, Connecticut Public Utilities Regulatory Authority  
John Tomac, Senior Manager of Rates and Regulatory, West Virginia American Water

2:45 p.m.–3:45 p.m.

**Lead Service Line Replacement Collaborative**

**Moderator:** Hon. Joann T. Conaway, Delaware

**Panelists:** Scott Biernat, Director of Regulatory Affairs, Association of Metropolitan Water Agencies  
Gail Bingham, President Emeritus, RESOLVE  
Michael Deane, Executive Director, National Association of Water Companies  
Lead Service Line Collaborative Members, TBA  
John Marciszewski, Director Business Development, Echologics LLC  
Lynn Thorp, National Campaigns Director, Clean Water Action and Clean Water Fund  
Nsedu Obot Witherspoon, Executive Director, Children’s Environmental Health Network

4:00 p.m.–5:00 p.m.

**Business Meeting**

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**Monday, February 13 • 1:15 p.m.–2:15 p.m. • Renaissance West A**

Staff Subcommittee on Water (Joint Meeting with Committee)

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**Tuesday, February 14 • 10:45 a.m.–5:00 p.m. • Renaissance West A**

Committee on Water

10:45 a.m.–11:45 a.m.

**Industry Fragmentation and the Effect on Water Infrastructure and Investment**

**Moderator:** Hon. Daniel Hall, Missouri
Panelists: Rich Anderson, Senior Advisor, U.S. Conference of Mayors, Mayors Water Council
Charles M. Davidson, Director of the Advanced Communications Law and Policy Institute, New York Law School
Peter C. Grevatt, Director, Office of Ground Water and Drinking Water, U.S. Environmental Protection Agency
David Stanton, President, SUEZ North America Utility Segment

1:30 p.m.–2:30 p.m.
Permanent Water Conservation Efforts
Moderator: Hon. Kenneth Hill, Tennessee
Panelists: Jack Hawks, Executive Director, California Water Association
Matthew Klein, President of North Carolina and Tennessee, Utilities Inc.
Marc Lucca, President of Aqua Pennsylvania, Aqua America

2:45 p.m.–3:45 p.m.
Hydropower
Moderator: Hon. Mary-Anna Holden, New Jersey
Panelists: Hon. Brad Johnson, Montana
Timothy Welch, Hydropower Program Manager, Wind and Water Power Technologies Office, U.S. Department of Energy
Maria Zazzera, Aide to Hon. Mary-Anna Holden, New Jersey Board of Public Utilities

MACRUC 22nd Annual Education Conference
June 24 - June 27, 2017
Hershey, PA
Registration will open April 2017
For more information contact: Michelle Malloy
(mamalloy@naruc.org)
4:00 p.m.–5:15 p.m.

Cost of Compliance for Safe Drinking Water Act Regulations

Speaker: Beate M. Wright, Executive Director, Washington D.C. Office, Water Research Foundation

Wednesday, February 15 • 9:00 a.m.–10:15 a.m. • Ballroom South/Central

Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure

A National Focus on Resiliency

Moderator: Hon. Judy Jagdmann, Virginia

Panelists: Mark Correll, Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure, United States Air Force
Michael McGhee, P.E., Executive Director, US Army Office of Energy Initiatives
John Kliem, Executive Director, Renewable Energy Program Office, Office of the Assistant Secretary of the Navy (Energy, Installations & Environment)

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Plan to join your colleagues at the Commission Staff-Only Power Hour.

Monday, February, 13, from 5:15 – 6:15

Renaissance West B Ballroom

Bring your business cards and be sure to download the NARUC Meeting App!
## Future NARUC Meetings

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<td>NARUC New Commissioner Regulatory Orientation</td>
<td>Washington, DC</td>
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