

2017 NARUC Officers

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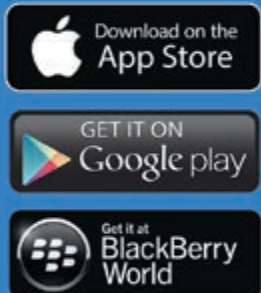


Table of Contents

General Information	2
Daily Schedule at a Glance	3
Elite Sponsors	6
General Sessions	7
Program by Committee	
Board of Directors	10
Consumer Affairs	14
Critical Infrastructure	16
Electricity	18
Energy Resources and the Environment	21
Gas	27
International Relations	33
Telecommunications	35
Water	38
Sponsors	42
Media Sponsors	43
Future NARUC Meetings	44
2017 Summer Committee Meetings	45

Get Happy at NARUC!

Go to the 'App Store' for your device!



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!

It's easy to get engaged!

1. Search for NARUC
2. Log on with your registration e-mail
3. Accept the 'camera' function and push notifications

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

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

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

Daily Schedule at a Glance

MONDAY, FEBRUARY 13

Time	Event	Room	Agenda on Page
8:30 a.m.–5:00 p.m.	Registration	Ballroom Foyer	
8:30 a.m.–10:15 a.m.	General Session	Ballroom South	7
10:15 p.m.–10:45 p.m.	Networking Break	Ballroom Foyer	
10:45 a.m.–5:00 p.m.	Staff Subcommittee on Law	Meeting Room 15	
10:45 a.m.–5:00 p.m.	Committee on Water	Renaissance West A	38
10:45 a.m.–5:00 p.m.	Committee on Telecommunications	Ballroom North	36
10:45 a.m.–5:00 p.m.	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	Ballroom Central	18
10:45 a.m.–5:00 p.m.	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	Congressional Ballroom	28
10:45 a.m.–5:00 p.m.	Committee on Energy Resources and the Environment	Renaissance East	22
10:45 a.m.–5:00 p.m.	Staff Subcommittee on Pipeline Safety (Commissioners and Staff)	Meeting Room 16	
11:45 a.m.–1:15 p.m.	Committee/Subcommittee/Staff Chairs Meeting and Luncheon (Invitees Only)	Renaissance West B	
1:15 p.m.–2:15 p.m.	Staff Subcommittee on Water (Joint Meeting with Committee)	Renaissance West A	39
2:15 p.m.–2:45 p.m.	Networking Break	Ballroom Foyer	
3:45 p.m.–4:00 p.m.	Networking Break	Ballroom Foyer	
5:15 p.m.–6:00 p.m.	MACRUC Region Meeting (Invitees only)	Meeting Room 4	
5:15 p.m.–6:00 p.m.	NECPUC Region Meeting (Invitees only)	Meeting Room 5	
5:15 p.m.–6:00 p.m.	MARC Region Meeting (Invitees only)	Meeting Room 6	
5:15 p.m.–6:00 p.m.	Western Region Meeting (Invitees only)	Meeting Room 3	
5:15 p.m.–6:15 p.m.	SEARUC Regional Meeting (Invitees only)	Meeting Rooms 12-14	
5:15 p.m.–6:15 p.m.	Commission Staff Power Hour (Commission Staff only)	Renaissance West B	

Daily Schedule at a Glance

TUESDAY, FEBRUARY 14

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

WEDNESDAY, FEBRUARY 15

Time	Event	Room	Agenda on Page
8:30 a.m.–12:00 p.m.	Registration	Ballroom Foyer	
9:00 a.m.–10:15 a.m.	Joint Meeting: Electricity, ERE, Gas, Water, Consumer Affairs, Critical Infrastructure	Ballroom South/Central	20
9:00 a.m.–10:15 a.m.	Committee on Telecommunications	Ballroom North	37
10:30 a.m.–11:45 a.m.	General Session	Ballroom South	8
11:45 a.m.–3:00 p.m.	Board of Directors Meeting	Congressional Ballroom	

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UTILITIES



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

General Sessions

Tuesday, February 14 • 9:00 a.m.–10:15 a.m. • Ballroom South

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

Wednesday, February 15 • 10:30 a.m.–11:45 a.m. • Ballroom South

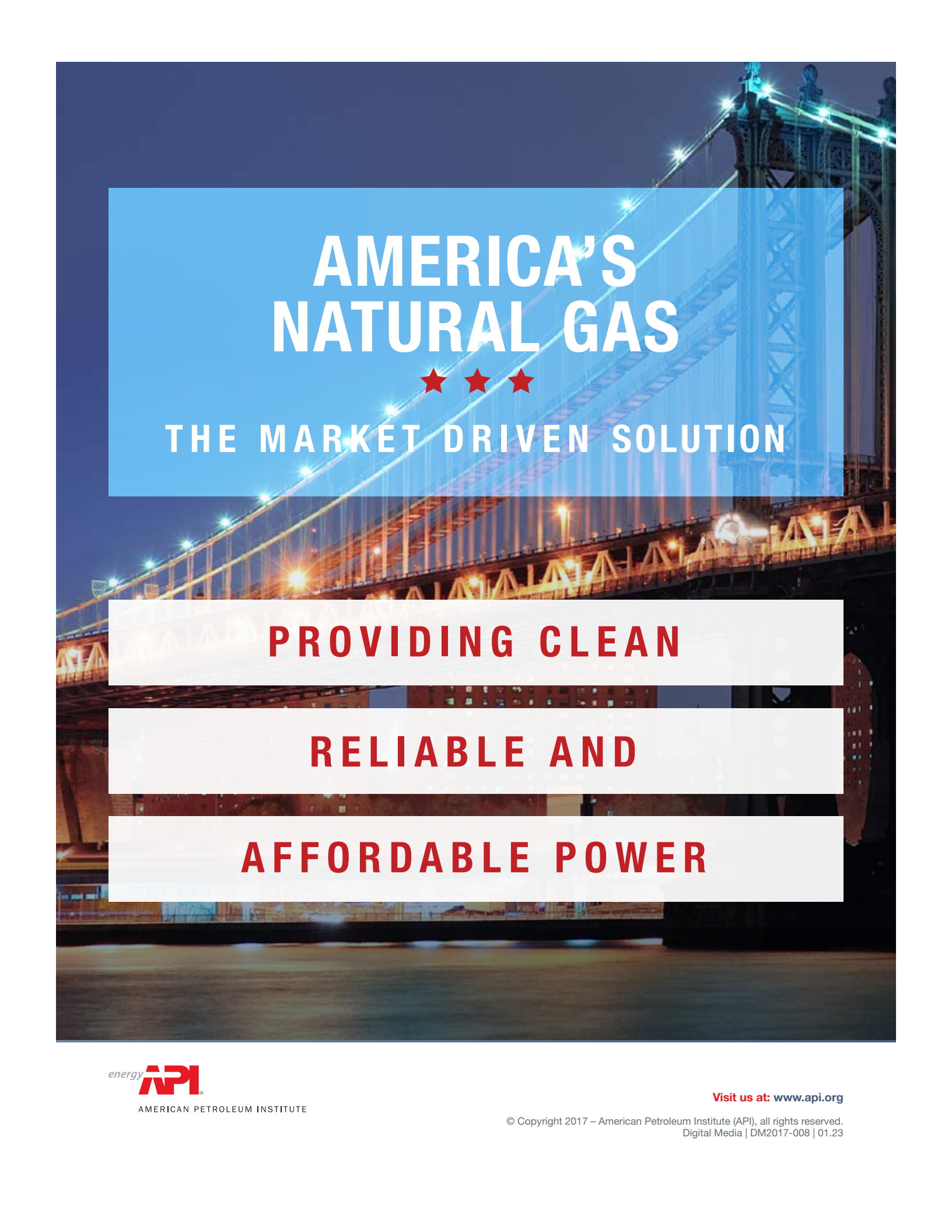
What Regulators Need to Know about Stopping Consumer Utility Scams

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.



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Board of Directors

Sunday, February 12 • 9:00 a.m.–11:45 a.m. • Ballroom Central

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

Sunday, February 12 • 9:00 a.m.–11:45 a.m. • Ballroom South

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

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

Washington Action (Commissioners and Staff)

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

TeAM (Commissioners and Staff)

Board of Directors

Sunday, February 12 • 1:30–3:30 p.m. • Renaissance West B

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

Sunday, February 12 • 1:30 p.m.–4:30 p.m. • Meeting Room 16

Staff Subcommittee on Executive Management (Commissioners and Staff)

Monday, February 13 • 10:45 a.m.–5:00 p.m. • Meeting Room 15

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



Consumer Affairs

Sunday, February 12 • 9:00 a.m.–11:45 a.m. • Renaissance Ballroom East

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

Sunday, February 12 • 1:30 p.m.–3:30 p.m. • Renaissance Ballroom East

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

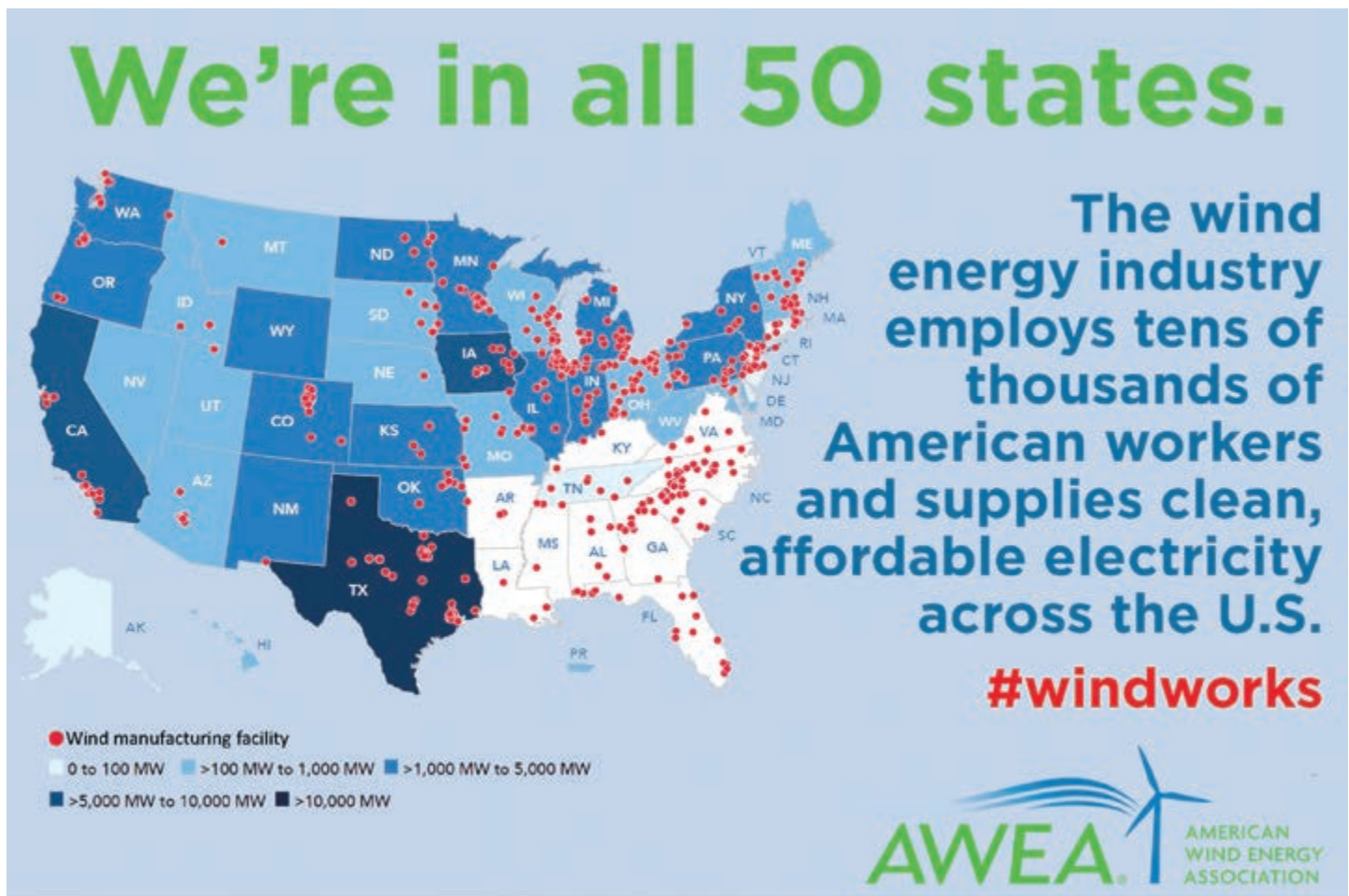
Curtis Wynn, CEO, Roanoke Electric Cooperative (North Carolina)

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



Critical Infrastructure

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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VICKY BAILEY

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Electricity

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

Carolina

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

Electricity

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)

Energy Resources and the Environment

Sunday, February 12 • Meeting Room 5 (1:30-2:30), Mount Vernon A (2:30-5:00)

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



The advertisement features the SEIA logo in the top left corner, set against a background of a blue sky with clouds and a green field with solar panels. The text is centered and reads: "For more than 40 years, SEIA has been the voice of the solar industry. Our experts are working with states on critical issues, such as:" followed by a list of issues: "Fair Net Metering & Solar Rate Design Policies", "Consumer Protection", "Making Community Solar Work for All Customers", "Implementing PURPA & State RPS Programs", "Opening New State Solar Markets", "Workforce Diversity", and "And many more...". At the bottom, a yellow banner contains the text "Find out how at www.seia.org".

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For more than 40 years, SEIA has been the voice of the solar industry. Our experts are working with states on critical issues, such as:

- Fair Net Metering & Solar Rate Design Policies —
- Consumer Protection —
- Making Community Solar Work for All Customers —
- Implementing PURPA & State RPS Programs —
- Opening New State Solar Markets —
- Workforce Diversity —
- And many more... —

Find out how at www.seia.org

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

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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

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

Stephan Folga, PhD, Energy Systems Engineer/ Manager, Argonne National Labs

Ryan Colley, Planning Manager, Southern Company Transmission

Wednesday, February 15 • 9:00 a.m.–11:45 a.m. • Ballroom South/Central

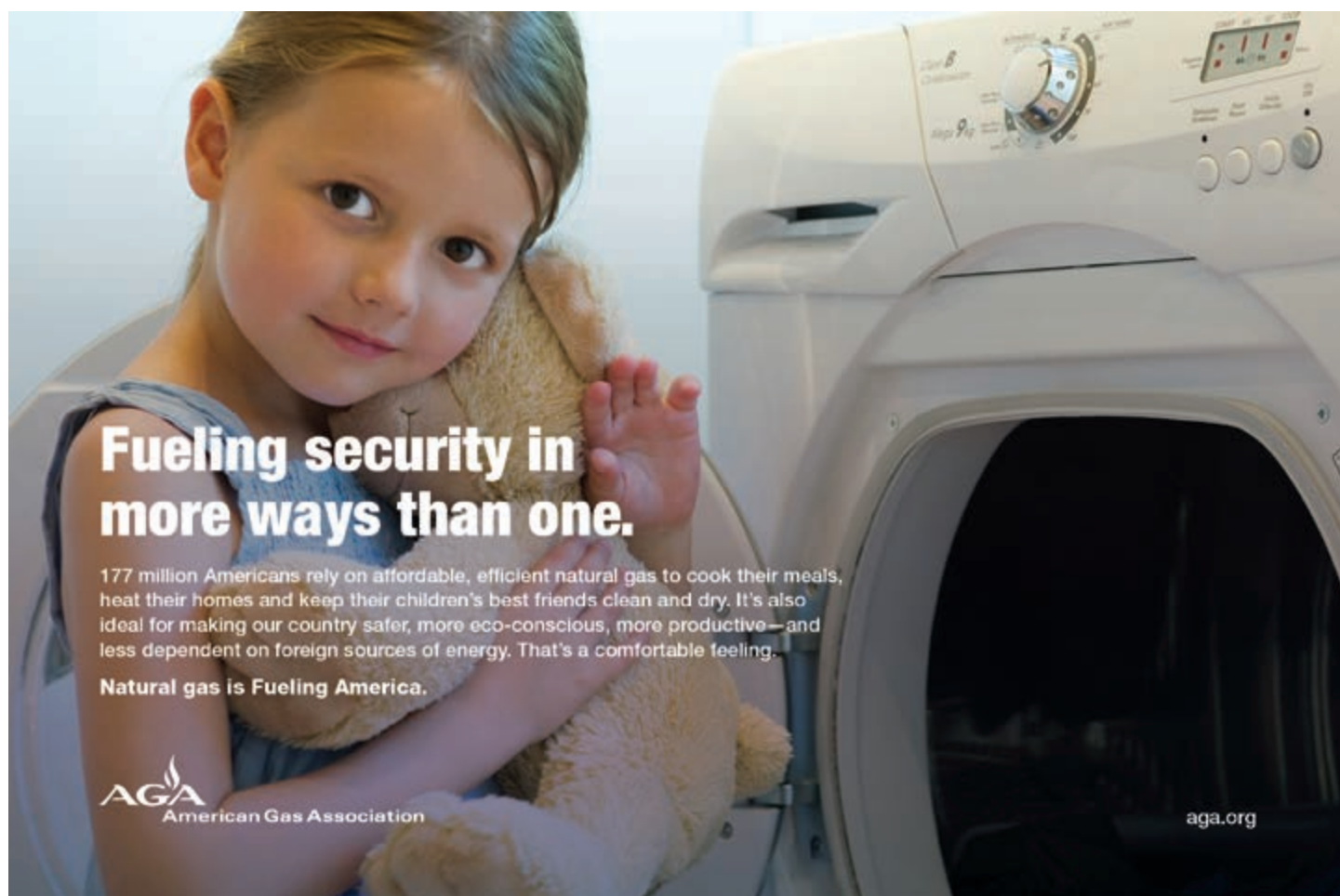
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International Relations

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



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Telecommunications

Sunday, February 12 • 9:00 a.m.–5:00 p.m. • Ballroom North

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 Peltz 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

Telecommunications

*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*

Telecommunications

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

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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

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

Staff Subcommittee on Water (Joint Meeting with Committee)

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

Water

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



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(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

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John Kliem, Executive Director, Renewable Energy Program Office, Office of the Assistant Secretary of the Navy (Energy, Installations & Environment)



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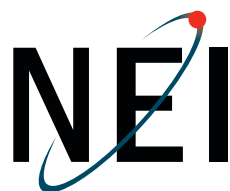
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The logo for E&E NEWS, featuring the letters "E&E" in a bold, blue, sans-serif font, followed by the word "NEWS" in a lighter blue, sans-serif font.The logo for Electricity Policy and Electricity Daily. It features a blue square with the letters "EP" in white, followed by the text "ELECTRICITY POLICY" and "ELECTRICITY DAILY" in a blue, sans-serif font, with ".COM" in a smaller font.The logo for Public Utilities Fortnightly, featuring the text "PUBLIC UTILITIES FORTNIGHTLY" in a bold, white, sans-serif font, with the tagline "In the Public Interest" in a smaller, italicized font below it.

POWER HOUR

Red Tags

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

2017

NARUC New Commissioner Regulatory Orientation

March 13–14, 2017
Washington, DC

NARUC Chairs Summit

March 15–16, 2017
Washington, DC

NARUC Summer Policy Summit

San Diego, California
Sheraton San Diego
July 16–19, 2017

NARUC Annual Meeting and Educational Conference

Baltimore, Maryland
Hilton Baltimore
November 12–15, 2017

2018

NARUC Winter Policy Summit

Washington, D.C.
Renaissance Washington
February 11–14, 2018

NARUC Summer Policy Summit

Phoenix, Arizona
Fairmont Scottsdale Princess
July 15–18, 2018

NARUC Annual Meeting and Educational Conference

Orlando, Florida
Loews Royal Pacific Orlando
November 11–14, 2018

2019

Winter Policy Summit

Washington, D.C.
Renaissance Washington
February 10–13, 2019

NARUC Summer Policy Summit

Indianapolis, Indiana
J.W. Marriott
July 21–24, 2019

NARUC Annual Meeting and Educational Conference

San Antonio, Texas
Grand Hyatt
November 17–20, 2019

2020

NARUC Winter Policy Summit

Washington, D.C.
Renaissance Washington
February 9–12, 2020