



2017 NARUC Officers

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Table of Contents

General Information.....	2
Daily Schedule at a Glance	3
Elite Sponsors.....	7
General Sessions	8
Program by Committee	
■ Board of Directors.....	11
■ Consumer Affairs.....	14
■ Critical Infrastructure	16
■ Electricity	17
■ Energy Resources and the Environment.....	23
■ Gas	26
■ International Relations	30
■ Telecommunications.....	33
■ Water.....	36
Sponsors	38
Media Sponsors	39
Future NARUC Meetings	40
2017 Annual Meeting and Educational Conference....	41

Hotel Information

Sheraton San Diego Hotel and Marina
1380 Harbor Island Drive
San Diego, California 92101
619-291-2900

Registration and Information Desk

The NARUC registration and information desk will be open the following hours:

Sunday: 8:00 a.m. - 6:30 p.m.

Monday and Tuesday: 8:30 a.m. - 5:00 p.m.

Wednesday: 8:30 a.m. - 11:00 a.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

Suggested Attire

Sunday–Wednesday: Business Casual

Welcome Reception: Business Casual

Meeting rooms have a tendency to be cool. We suggest you bring a sweater or jacket for your comfort.

Program Printing

This program was printed using information as of June 12. Some information may have changed by the time the meeting occurs.

The printing of this program was sponsored in part by



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 two 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 silence all cellular phones and other communication devices while in any of the sessions. Your cooperation and courtesy is appreciated.

Twitter Users

Use the #NARUCSummer17 hashtag when tweeting from our meetings. Follow us at <http://twitter.com/naruc> for the latest updates.

Conference App

Don't miss out on the need-to-know information! Download the NARUC Summer Policy Summit Mobile App.

Conveniently review everything you need to know about the Summer Policy Summit. 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.

Taping/Video Policy

Unless you receive prior approval from NARUC, only credentialed members of the press are allowed to record 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 L. Davis at rdavis@naruc.org for permission.

SUNDAY, JULY 16

			Room	Agenda on Page
8:00 a.m. - 6:30 p.m.	Registration		Spinnaker	
9:00 a.m. - 10:15 a.m.	Telecommunications Act Modernization (Closed Meeting)		Marina 4	11
9:00 a.m. - 11:45 a.m.	Subcommittee on Supplier and Workforce Diversity		Harbor Island 3	11
9:00 a.m. - 11:45 a.m.	Task Force on Military Workforce Development		Seabreeze	11
10:30 a.m. - 11:45 a.m.	Task Force on Innovation		Harbor Island 2	11
10:30 a.m. - 12:45 p.m.	New Commissioners Forum (Invitees Only)		Executive Conference 3	
9:00 a.m. - 11:45 a.m.	Staff Subcommittee on Consumer Affairs		Grand Ballroom A	14
9:00 a.m. - 5:00 p.m.	Staff Subcommittee on Energy Resources and the Environment		Marina 6 / Grand Ballroom A	23
9:00 a.m. - 5:00 p.m.	Staff Subcommittee on Telecommunications		Harbor Island 1	33
10:30 a.m. - 5:00 p.m.	Committee on Critical Infrastructure		Harbor Island 2	16
10:30 a.m. - 11:45 a.m.	Washington Action (Closed Session)		Marina 4	
1:00 p.m. - 5:00 p.m.	Staff Subcommittees on Electricity & Electric Reliability		Harbor Island A	17
1:30 p.m. - 4:30 p.m.	Committee on International Relations		Harbor Island 3	30
1:30 p.m. - 3:00 p.m.	Subcommittee & Staff Subcommittee on Pipeline Safety (Closed Meeting)		Marina 6	
1:30 p.m. - 3:30 p.m.	Staff Subcommittee on Executive Management (Commission Staff Only)		Marina 4	12
1:30 p.m. - 5:00 p.m.	Staff Subcommittee on Gas		Seabreeze	26
1:30 p.m. - 5:00 p.m.	Staff Subcommittee on Information Services		Marina 5	
2:00 p.m. - 3:00 p.m.	Staff Subcommittee on Clean Coal and Carbon Management		Harbor Island 3	17
5:00 p.m. - 6:30 p.m.	Welcome Reception		Bayview Lawn	

Networking Breaks on Sunday: 10:15 a.m. - 10:30 a.m. • 2:15 p.m. - 2:30 p.m. • 3:45 p.m. - 4:00 p.m.

MONDAY, JULY 17

			Room	Agenda on Page
8:30 a.m. - 5:00 p.m.	Registration		Spinnaker	
8:30 a.m. - 10:15 a.m.	General Session		Grand Ballroom B/C	8
10:45 a.m. - 5:00 p.m.	Committee on Electricity		Grand Ballroom A	19
10:45 a.m. - 5:00 p.m.	Committee on Energy Resources and the Environment		Harbor Island 3	24
	1:30 p.m. - 2:30 p.m.	Joint with Committee on Consumer Affairs		
10:45 a.m. - 5:00 p.m.	Committee on Gas		Harbor Island 2	27
	1:30 p.m. - 2:30 p.m.	Joint with Committee on Consumer Affairs		
10:45 a.m. - 5:00 p.m.	Committee on Telecommunications		Harbor Island 1	34
10:45 a.m. - 5:00 p.m.	Committee on Water		Seabreeze	36
	2:45 p.m. - 3:45 p.m.	Joint with Task Force on Innovation		
11:45 a.m. - 1:15 p.m.	Lunch and Networking Break			
5:00 p.m. - 6:00 p.m.	MACRUC Region Meeting (Invitees Only)		Marina 6	
5:00 p.m. - 6:00 p.m.	NECPUC Region Meeting (Invitees Only)		Marina 1	
5:00 p.m. - 6:00 p.m.	MARC Region Meeting (Invitees Only)		Executive Conference 1	
5:00 p.m. - 6:00 p.m.	Western Region Meeting (Invitees Only)		Marina 4	
5:00 p.m. - 6:00 p.m.	SEARUC Region Meeting (Invitees Only)		Executive Conference 3	
5:15 p.m. - 6:15 p.m.	Commission Staff Power Hour (Commission Staff Only)		Bayview Lawn	

Networking Breaks on Monday: 10:15 a.m. - 10:45 a.m. • 2:30 p.m. - 2:45 p.m. • 3:45 p.m. - 4:00 p.m.

TUESDAY, JULY 18

			Room	Agenda on Page
8:30 a.m. - 5:00 p.m.	Registration		Spinnaker	
8:00 a.m. - 8:45 a.m.	Task Force on Natural Gas Access and Expansion (Closed Meeting)		Harbor Island 2	
9:00 a.m. - 10:15 a.m.	General Session		Grand Ballroom B/C	9
10:45 a.m. - 5:00 p.m.	Committee on Electricity		Grand Ballroom A	20
	1:30 p.m. - 1:45 p.m.	Joint with Subcommittee on Clean Coal and Carbon Management		
	1:45 p.m. - 2:30 p.m.	Joint with Subcommittee on Clean Coal and Carbon Management		
	4:00 p.m. - 5:00 p.m.	Joint with Task Force on Innovation		
10:45 a.m. - 5:00 p.m.	Committee on Energy Resources and the Environment		Harbor Island 3	25
	1:30 p.m. - 2:30 p.m.	Joint with the Task Force on Innovation		
	4:00 p.m. - 5:00 p.m.	Joint with Committee on Consumer Affairs		
10:45 a.m. - 5:00 p.m.	Committee on Gas		Harbor Island 2	28
	10:45 a.m. - 11:45 a.m.	Joint with Task Force on Innovation		
10:45 a.m. - 5:00 p.m.	Committee on Telecommunications		Harbor Island 1	35
	2:45 p.m. - 3:45 p.m.	Joint with Task Force on Innovation		
	4:00 p.m. - 5:00 p.m.	Joint with Committee on Consumer Affairs		
10:45 a.m. - 5:00 p.m.	Committee on Water		Seabreeze	36
11:45 a.m. - 1:15 p.m.	Commissioner Only Luncheon		Bayview Lawn	
11:45 a.m. - 1:15 p.m.	Commissioner Emeritus Luncheon		Water's Edge Private Dining Room	

Networking Breaks on Tuesday: 10:15 a.m. - 10:45 a.m. • 2:30 p.m. - 2:45 p.m. • 3:45 p.m. - 4:00 p.m.

WEDNESDAY, JULY 19

			Agenda on Page
		Room	
8:30 a.m. - 11:00 a.m.	Registration	Spinnaker	
8:30 a.m. - 9:45 a.m.	General Session	Grand Ballroom B/C	9
10:00 a.m. - 11:15 a.m.	General Session	Grand Ballroom B/C	10
11:15 a.m. - 2:00 p.m.	NARUC Board of Directors Meeting	Grand Ballroom A	

Networking Break on Wednesday: 9:45 a.m. - 10:00 a.m.



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!

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

THANKS TO OUR ELITE SPONSORS

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Gold Level



GENERAL SESSIONS

Monday, July 17 • 8:30 a.m. - 10:15 a.m. • Grand Ballroom B/C

8:30 a.m. - 10:15 a.m. Military Workforce Development

Featuring Hon. Judy Jagdmann, Virginia and Tom Farrell, CEO, Dominion Resources.

Innovative Technologies Across Utility Sectors

Utilities are leveraging innovative technologies to achieve better customer service, greater resiliency, and efficiency. This panel will discuss innovative approaches from the nuclear, water, solar, and energy angles.

Safety is a major concern for every energy provider. Although we often hear today about how innovation is driving advances in clean energy, it also enables dramatic new ways to approach safety. Attendees will learn about cutting-edge collaborations, such as how Pacific Gas & Electric (PG&E), with NASA's Jet Propulsion Laboratory, has adapted and tested laser-based technology—originally designed to find methane on Mars—to locate natural gas leaks on Earth more effectively than traditional methods and how LiDAR technology is used to capture tree heights to better manage vegetation to secure the integrity of power lines. Attendees will also learn how vehicle-mounted, leak-detection technology is 1,000 times more sensitive than traditional equipment, how drones can enable companies to inspect hard to access areas, and how PG&E is using a new earthquake damage-modeling system to generate rapid, facility-specific damage estimates.

In the nuclear arena, attendees will learn how the United States will deploy a variety of innovative reactor types that will be more versatile and adaptable than existing reactors and how they are designed to integrate with renewables. The nuclear industry's emphasis on innovation extends to research and development on more durable reactor fuels and identifying mechanisms to advance safety and efficiency at existing nuclear plants.

In the solar arena, attendees will learn about the evolution of solar + storage, collaborative partnerships between utilities, and rooftop solar. How innovation is being embraced to build a cleaner, leaner grid of the future will also be discussed.

In the water arena, usage monitoring, leak detection, water quality monitoring, and consumer-communications technology are just some of the benefits that result from the innovative thinking and deployment. Attendees will learn how companies are fortifying water infrastructure with intelligent infrastructure and cloud computing; how innovation and technology are a means to unlocking greater efficiencies, and enhanced safety for employees as well as innovation in the regulatory area.

Moderator: Hon. Robert Powelson, NARUC President

Participants: Lynn Jurich, CEO and Co-Founder, Sunrun

Maria Korsnick, President and CEO, Nuclear Energy Institute

Susan Story, President and CEO, American Water

Geisha Williams, CEO and President, PG&E Corporation

Tuesday, July 18 • 9:00 a.m. - 10:15 a.m. • Grand Ballroom B/C

9:00 a.m. - 10:15 a.m. Innovation: The Catalyst for Integration

There has been talk about the need to integrate central and distributed energy resources to enable customers to use, produce, and store electricity. Integration will require wireless connected technologies; including, but not limited to, information services, sensors, data analysis, and modeling. This session will be a series of 'turbo talks' by cutting-edge innovators. Attendees will learn about these new technologies and the value to regulators; connect these interrelated technology schemes to Big Data, and understand practical applications.

Moderator: Hon. Brien Sheahan, Illinois

Participants: Boris von Bormann, CEO, Mercedes-Benz Energy Americas

Vice Admiral Dennis McGinn (USN, RET.), Former Assistant Secretary of the Navy (Energy, Installations, and Environment)

Anne Pramaggiore, President and CEO, Commonwealth Edison

Russell Stokes, CEO and President, GE Energy Connections

Wednesday, July 19 • 8:30 a.m. - 11:15 a.m. • Grand Ballroom B/C

8:30 a.m. - 9:45 a.m. Infrastructure: It's all about the Benjamin\$

Every four years, the American Society of Civil Engineers issues a report card on the condition of the nation's Infrastructure. Letter grades are assigned based on physical condition and needed investments for improvement. The Nation's 2017 report card is in—and it is not one to be posted proudly on the refrigerator! The overall grade for our infrastructure is a D+. Grades for our specific utility sectors were no better: Energy = D+; Drinking water = D; Wastewater = D+. The telecommunications sector does not get a grade, but we know there are millions of Americans that lack access to broadband service, many that only have access to speeds below the FCC definition of broadband, and many with access but who can't afford the cost. Our deteriorating infrastructure impedes the ability of our nation to compete in the global economy. ASCE will explain their report card, followed by a panel of utility executives. Attendees will learn how the infrastructure grades were assigned, the economic impact of our failure to invest in infrastructure, and the cost of failing to invest in our infrastructure now. Also, attendees will learn what utilities can and are willing to do to increase investment and bring our infrastructure up to a passing grade.

Moderator: Hon. Ann Rendahl, Washington

Participants: Greg DiLoreto, Chair, ASCE Committee on America's Infrastructure, ASCE Past President

Mark A. Jamison, Director and Gunter Professor, Public Utility Research Center, University of Florida

Marty Kropelnicki, President and CEO, California Water Service Group

GENERAL SESSIONS

Lawrence Makovich, Chief Power Strategist, IHS Market

Philip Moeller, Senior Vice President, Edison Electric Institute

9:45 a.m. - 10:00 a.m. **Networking Break**

10:00 a.m. - 11:15 a.m. **Are Markets Sending the Right Price Signal for Clean Energy Resources?**

When competitive wholesale electricity markets were established approximately 20 years ago, many of the factors now affecting these markets were not anticipated. The generation fleet is significantly cleaner due to renewable resources and abundant natural gas. Yet the intermittent nature of some renewables and the just-in-time nature of natural gas provide modern challenges to managing the markets. Participants will discuss the state of the markets and whether they are meeting the needs of regulators, consumers and industry in terms of reliability, affordability, profitability and environmental goals.

Moderator: Hon. Carla Peterman, California

Participants: Thad Hill, CEO, Calpine

Tom Kiernan, CEO, American Wind Energy Association

Mark C. McCullough, Executive Vice President - Generation, American Electric Power

Robert Nelson, Montana Consumer Counsel, NASUCA President

Andy Ott, President and CEO, PJM

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The better the question. The better the answer. The better the world works.

Subcommittee on Supplier and Workforce Diversity

Sunday, July 16 • 9:00 a.m. - 11:45 a.m. • Harbor Island 3

9:00 a.m. - 9:05 a.m. Welcome and Opening Remarks

Hon. Sherina Maye Edwards-SWD Chairwoman and Commissioner, Illinois

9:05 a.m. - 9:35 a.m. UPDATE: Supplier Diversity in Financial Services

Hon. Nikki Hall, South Carolina

Timothy Alan Simon, Founder, TAS Strategies

9:35 a.m. - 10:35 a.m. PANEL: State Diversity Councils: Challenges, Opportunities, and Where We Go From Here

Moderator: Hon. Sherina Maye Edwards- SWD Chairwoman and Commissioner, Illinois

Panelists: Hon. Maida J. Coleman, Missouri

Joe Chow, Supplier Programs Excellence Manager, Sempra Energy Utilities

Byron J. Witherspoon, Managing Executive, Supplier Diversity, Ameren

10:35 a.m. - 11:20 a.m. Fireside Chat

Moderator: Hon. Angela Rapp Weber, Indiana

Speaker: Phyllis Currie, MISO Board of Directors

11:20 a.m. - 11:45 a.m. Subcommittee Business and Closing Remarks

Task Force on Military Workforce Development

Sunday, July 16 • 9:00 a.m. - 11:45 a.m. • Seabreeze

9:00 a.m. - 11:45 a.m. Helping Veterans, Helping Ourselves

Moderator: Hon. Judith W. Jagdmann, Virginia

Presenters: TBA

Telecommunications Act Modernization

Sunday, July 16 • 9:00 a.m. - 10:15 a.m. • Marina 4

This is a closed meeting.

Task Force on Innovation

Sunday, July 16 • Harbor Island 2

10:30 a.m. - 11:45 a.m. Innovation and Cybersecurity — Exploring the Relationship between New Technology and New Risks

(Joint with Committee on Critical Infrastructure)

Moderator: Hon. Tim Echols, Georgia

BOARD OF DIRECTORS

Panelists: Joe Doetzel, Cyber Security Practice Leader, Grid Automation, ABB
Kurt Lee, Vice President, Strategic Accounts, Pwne Express
Steven Martin, Vice President and Chief Digital Officer, GE Energy Connections
Kyle Seymour, President & CEO, S&C Electric

Washington Action

Sunday, July 16 • 10:30 a.m. - 11:45 a.m. • Marina 4

This is a closed meeting.

Staff Subcommittee on Executive Management

Sunday, July 16 • 1:30 p.m. - 3:30 p.m. • Marina 4

This meeting is for Commission Staff only.

Welcoming Remarks/Participant Introductions (Staff Subcommittee Co-Chairs

Jan Freeman/PA and Stephanie Mullen/NV)

Discussion items

Public Outreach (Stephanie Mullen)

Electric Wholesale and Retail Market Issues and the Potential for Generation Subsidies (Jan Freeman)

State Regulatory Commission Funding (Stephanie Mullen)

Grid Security and Resiliency (Jan Freeman and Hayley Williamson/NV)

Aging Utility Infrastructure Issues (Jan Freeman and Hayley Williamson)

State Legislative Updates (All Attendees)

Roundtable

Future Meetings

Staff Subcommittee on Information Services

Sunday, July 16 • 1:30 p.m. - 5:00 p.m. • Marina 5

Task Force on Natural Gas Access and Expansion

Tuesday, July 18 • 8:00 a.m. - 8:45 a.m. • Harbor Island 2

This is a closed meeting.

Task Force on Innovation

Tuesday, July 18 • Harbor Island 1 / Harbor Island 2 / Harbor Island 3 / Grand Ballroom B/C

10:45 a.m. - 11:45 a.m. **Technologies Driving Innovation in the Natural Gas Arena – Cruising Forward**
(Joint with Committee on Gas)

BOARD OF DIRECTORS

This meeting will take place in Harbor Island 2.

Moderators: Hon. Carla Peterman, California
Hon. Angela Weber, Indiana

Panelists: Lisa Alexander, VP of Customer Solutions, SoCal Gas
Josh Chaise, Director, Product Management, Water & Gas, Aclara
Ron Edelstein, Director, Regulatory and Government Relations, Gas Technology Institute
Josh Jorgensen, Manager of Development Engineering, Honeywell Gas Metering Solutions
Dan Simmons, Acting Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

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

Smart Grid Innovation Around the Country

(Joint with Committee on Energy Resources and the Environment)

This meeting will take place in Harbor Island 3.

Moderator: Hon. Lorraine Akiba, Hawaii

Panelists: Stuart Laval, Technology Director Duke Technology Center, Duke Energy
Anda Ray, SVP, Energy, Environment and External Relations, EPRI
Shishir Saraiya, Head of Data Science, Bidgely
Aaron Smallwood, Senior Director, Technical Services, SEPA
Raiford Smith, Vice President Analytics, Smart Grid and Corporate Strategy, Entergy
Martha Symko-Davies, Director of Partnerships, NREL

2:30 p.m. - 2:45 p.m.

Networking Break

2:45 p.m. - 3:45 p.m.

Innovation in the Telecommunications Space

(Joint with Committee on Telecommunications)

This meeting will take place in Harbor Island 1.

Moderator: Hon. Upendra Chivukula, New Jersey

Panelists: TJ Costello, Americas Smart Cities & IoT Director, Cisco
Hans Raj Nahata, Director – Technology Architecture, Verizon Communications
Christian Pape, VP Innovation, CableLabs

3:45 p.m. - 4:00 p.m.

Networking Break

4:00 p.m. - 5:00 p.m.

Innovation Spotlight: New Transmission Technologies

(Joint with Committee on Electricity)

This meeting will take place in Grand Ballroom B/C.

Moderator: Hon. Brad Johnson, Montana

Panelists: Ken Blair, VP of Business Development, Ampjack Industries Ltd.
David Rupert, Business Development Manager, BOLD (Breakthrough Overhead Line Design), LLC
Todd Ryan, Director of Regulatory Affairs, SmartWires
Alison Silverstein, Project Manager, North American Synchrophasor Initiative

Board of Directors Meeting

Wednesday, July 19 • 11:15 a.m. - 2:00 p.m. • Grand Ballroom C

CONSUMER AFFAIRS

Staff Subcommittee on Consumer Affairs

Sunday, July 16 • 9:00 a.m. - 11:45 a.m. • Grand Ballroom A / Harbor Island 1

9:00 a.m. - 10:15 a.m. A World Without LIHEAP?

This meeting will be held in Grand Ballroom A.

Moderator: Phil Boyle, Consumer Service Manager, Oregon Public Utilities Commission

Panelists: Susan R. Corbin, Director, Customer Assistance Division, Michigan Agency for Energy
Barbara A. Smith, Manager, Integrated Service Center, Dominion East Ohio Gas
Mark W. Toney, Ph.D., Executive Director, TURN—The Utility Reform Network
Nat Treadway, Managing Partner, Distributed Energy Financial Group, LLC
Mark Wolfe, Executive Director, National Energy Assistance Directors' Association

10:15 a.m. - 10:30 a.m. Networking Break

10:30 a.m. - 11:45 a.m. Panel IV: Copper Retirement and the Transition to Broadband

(Joint panel with the Staff Subcommittee on Telecommunications)

This meeting will be held in Harbor Island 1.

Moderator: Sherry Lichtenberg, Ph.D., Principal for Telecommunications, NRRI

Panelists: Regina Costa, Telecommunications Director, TURN —The Utility Reform Network
Sarah DeYoung, Executive Director, California Association of Competitive Telecommunications Companies (CALTEL)
Coralette M. Hannon, Sr. Legislative Representative, Financial Security & Consumer Affairs, AARP
Paul Vasington, Director, State Public Policy, Verizon

Committee on Consumer Affairs

Monday, July 17 • 1:30 p.m. - 2:30 p.m. • Harbor Island 3

1:30 p.m. - 2:30 p.m. Value-Added Electricity Services: New Roles for Utilities and Third-Party Providers

(Joint with Committee on Energy Resources and the Environment)

Moderator: Lisa Schwartz, Energy Efficiency Team Leader, Electricity Markets & Policy Group, Lawrence Berkeley National Laboratory

Panelists: Jon Blansfield, Senior Manager, Strategic Alliances, Institute for Electric Innovation
Ryan Katofsky, Senior Director of Industry Analysis, Advanced Energy Economy
Bob Nelson, Consumer Counsel, Montana Consumer Counsel
Utility Representative (invited)

- 1:30 p.m. - 2:30 p.m. Rural and Underserved Areas – Natural Gas Access and Expansion Initiatives**
(Joint with the Committee on Gas)
Moderators: Hon. John Coleman, Pennsylvania
Hon. Julie Fedorchak, North Dakota
Hon. Brandon Presley, Mississippi
Panelists: Hon. Stephen Bloom, Oregon
Fred Hanna, Pipeline Business Line Leader (Southeast Group) and Senior Project Manager, AECOM
Kyle Rogers, Vice President – Government Relations, American Gas Association
Don Stanczak, Vice President – Regulatory Affairs, DTE Energy

Committee on Consumer Affairs

Tuesday, July 18 • 4:00 p.m. - 5:00 p.m. • Harbor Island 1

- 4:00 p.m. - 5:00 p.m. Combating Robocalling**
(Joint Session with Committee on Telecommunications)
This meeting will be held in Harbor Island 1.
Moderator: Hon. Brandon Presley, Mississippi
Panelists: Lynn Butler, Executive Director — Regulatory, AT&T
Dave Conn, Vice President, T-Mobile
Richard Shockey, Chairman of the Board, SIP Forum
Brent Struthers, Senior Policy Advisor, Neustar
- 4:00 p.m. - 5:00 p.m. What's the Charge to Charge? Rate Design Principles to Facilitate EV Charging**
(Joint with Committee on Energy Resources and the Environment)
This meeting will be held in Harbor Island 3.
Moderator: Hon. Meg Curran, Rhode Island
Panelists: Russell Garwacki, Director, Pricing Design and Research, Southern California Edison
Jim Lazar, Senior Advisor, Regulatory Assistance Project

CRITICAL INFRASTRUCTURE

Committee on Critical Infrastructure

Sunday, July 16 • 10:30 a.m. - 5:00 p.m. • Harbor Island 2

- 10:30 a.m. - 11:45 a.m. Innovation and Cybersecurity — Exploring the Relationship between New Technology and New Risks**
(Joint with Task Force on Innovation)
Moderator: Hon. Tim Echols, Georgia
Panelists: Joe Doetzel, Cyber Security Practice Leader, Grid Automation, ABB
Kurt Lee, Vice President, Strategic Accounts, Pwnie Express
Steven Martin, Vice President and Chief Digital Officer, GE Energy Connections
Kyle Seymour, President & CEO, S&C Electric
- 1:30 p.m. - 1:45 p.m. Critical Infrastructure Resource Center**
Presenter: Hon. Richard P. Mroz, New Jersey; Chair, Critical Infrastructure Committee
- 1:45p.m. - 2:15 p.m. Partner Updates**
Presenters: Puesh Kumar, Director, Preparedness and Exercises, U.S. Department of Energy
Joseph H. McClelland, Director, Office of Energy Infrastructure Security, Federal Energy Regulatory Commission
- 2:15 p.m. - 3:15 p.m. Cyber Workforce: Strategies to Fill the Gap**
Moderator: TBA
Panelists: Gary Hayes, SVP/CIO, CenterPoint Energy
Scott King, Director, Information Security, Sempra Utilities
Rick Suttie, Center for Homeland Defense and Security, Naval Postgraduate School
- 3:15p.m. - 4:15p.m. Innovations in Infrastructure Security: UAS**
Moderator: TBA
Panelists: Thomas Camp, Technology Business Development Manager, Verizon
Tom Guntrip, Director, Transportation Services, Southern California Edison
Chris Hickling, Director, Government Relations, Edison Electric Institute
- 4:15 p.m. - 5:00 p.m. Tackling Infrastructure Interdependencies – Priorities, Strategies, and Tactics**
(Joint with Committee on Gas)
Moderator: Hon. Dianne Solomon, New Jersey
Panelists: Kimberly Denbow, Security, Operations & Engineering Services Director, American Gas Association
Paul Roberti, Executive Director, Advisory Services - Strategy, Ernst & Young
Marcus Sachs, SVP/CSO, North American Electric Reliability Corporation

Staff Subcommittee on Clean Coal and Carbon Management

Sunday, July 16 • 2:00 - 3:00 p.m. • Harbor Island A

2:00 p.m. - 3:00 p.m. Chinese Clean Coal Technology

(Joint with Staff Subcommittees on Electricity & Electric Reliability)

Moderator: Hon. Jeremy Oden, Alabama

Speaker: Dr. Peter Chen, President, Forest Power & Energy Holdings

Staff Subcommittees on Electricity & Electric Reliability

Sunday, July 16 • 1:00 p.m. - 5:00 p.m. • Harbor Island A

1:00 p.m. - 2:00 p.m. Distributed Solar: Which Code When?

(Joint with Staff Subcommittee on Energy Resources and the Environment)

Moderator: Patricia Poli, Michigan

Panelists: Nelson Bingel, National Electrical Safety Code

Sue Vogel, IEEE

Michael Coddington, Principal Electrical Engineer, National Renewable Energy Lab

2:00 p.m. - 3:00 p.m. Chinese Clean Coal Technology

(Joint with Staff Subcommittee on Clean Coal and Carbon Management)

Moderator: Hon. Jeremy Oden, Alabama

Speaker: Dr. Peter Chen, President, Forest Power & Energy Holdings

3:00 p.m. - 3:15 p.m. Networking Break

3:15 p.m. - 3:35 p.m. Status of IEEE 1547

(Joint with Staff Subcommittee on Energy Resources and the Environment)

Moderator: Kim Jones, North Carolina

Speaker: Michael Coddington, Principal Electrical Engineer, National Renewable Energy Lab

3:35 p.m. - 3:55 p.m. How to Coordinate Smart Inverters with the Distribution Grid

(Joint with Staff Subcommittee on Energy Resources and the Environment)

Moderator: Kim Jones, North Carolina

Speaker: Paul DeMartini, Newport Consulting Group

3:55 p.m. - 5:00 p.m. Do Your Utilities Need Grid Modernization to Integrate Distributed Generation?

(Joint with Staff Subcommittee on Energy Resources and the Environment)

Moderator: Kim Jones, North Carolina

Panelists: Paul DeMartini, Newport Consulting Group



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Joe Paladino, Technical Advisor, US DOE

Anda Ray, SR VP, External Relations & Chief Sustainability Officer, Electric Power Research Institute

Barbara Tyran, Executive Dir., Government and External Relations, Electric Power Research Institute

Committee on Electricity

Monday, July 17 • 10:45 a.m. - 5:00 p.m. • Grand Ballroom A

10:45 a.m. - 11:45 a.m. **Commissioners' Roundtable**

Moderator: Hon. Edward S. Finley, North Carolina

Presenters: Hon. John Coleman, Pennsylvania

Hon. Asim Haque, Ohio

Hon. Judith Jagdmann, Virginia

Hon. Michael Picker, California

Hon. Kristine Raper, Idaho

Hon. Joseph Reynolds, Nevada

1:30 p.m. - 2:30 p.m. **Nuclear Power Updates**

(Joint with Subcommittee on Nuclear Issues—Waste Disposal)

Moderator: Hon. Anthony O'Donnell, Maryland

Status of NuScale's Small Modular Reactor

Speaker: Dr. Jose Reyes, Chief Technology Officer, NuScale Power

Federal Legislation / Budget Update

Speaker: Katrina McMurian, Ex. Dir., Nuclear Waste Strategy Coalition

2:30 p.m. - 2:45 p.m. **Networking Break**

2:45 p.m. - 3:45 p.m. **CAISO's Efforts to Integrate Distributed Energy Resources into its Wholesale Markets**

(Joint with Committee on Energy Resources and the Environment)

Moderator: Hon. Michael Picker, California

Panelists: Jill Powers, Smart Grid Solutions Manager, CAISO

Manal Yamout, VP Policy and Markets, Advanced Microgrid Solutions

Mark Esguerra, Director of Integrated Grid Planning, PG&E

3:45 p.m. - 4:00 p.m. **Networking Break**

4:00 p.m. - 5:00 p.m. **5G Small Cell — Coming to a Pole Near You!**

(Joint with Committee on Telecommunications)

Moderator: Hon. John R. Rosales, Illinois

ELECTRICITY

Panelists: Hon. Karen Charles Peterson, Mass. Department of Telecommunications & Cable
Nelson G. Bingel III, Chair, National Electrical Safety Code
David P. Young, Fiber Network & R.O.W. Manager, City of Lincoln, Nebraska

Committee on Electricity

Tuesday, July 18 • 10:45 a.m. - 5:00 p.m. • Grand Ballroom A

10:45 a.m. - 11:45 a.m. Data Centers: Beneficial Load or Energy Hogs?

Moderator: Hon. John Rosales, Illinois

Panelists: Eduardo Balbis, Managing Director, Accenture Strategy
Anne Kaiser, VP Community & Economic Development, Georgia Power Company
Sheila Owens, VP of Economic & Business Development, ComEd

11:45 a.m. - 1:30 p.m. Lunch

1:30 p.m. - 1:45 p.m. Report on Meeting with National Energy Technology Laboratory

(Joint With Subcommittee on Clean Coal and Carbon Management)

Moderator: Hon. Jeremy H. Oden, Alabama

1:45 p.m. - 2:30 p.m. Coal Ash Issues: Making Sense of a Messy Topic

(Joint With Subcommittee on Clean Coal and Carbon Management)

Moderator: Hon. Jeremy Oden, Alabama

Panelists: Frank Holleman, Sr. Attorney, Southern Environmental Law Center
Jimmy Knowles, VP of Research and Development, The SEFA Group
Ann Loomis, Director of Federal Public Policy, Dominion Resources
Tom McKittrick, Principal, Forsite Development, Inc.

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Business Meeting

Update on the Westinghouse Bankruptcy and the Status of Vogtle Units 3 & 4 and VC Sumner Units 2 & 3

Sheree Kernizan, Director of Electric Unit, Georgia Public Service Commission
Jim Spearman, Executive Assistant & Sr. Technical Advisor, South Carolina Public Service Commission

3:45 p.m. - 4:00 p.m. Networking Break

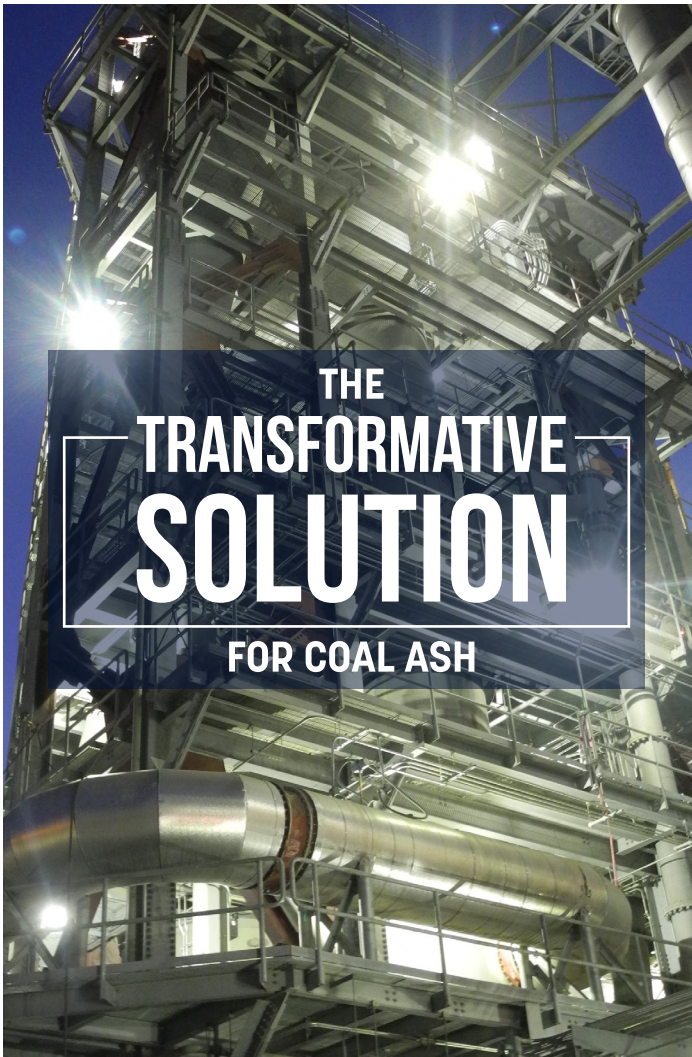
4:00 p.m. - 5:00 p.m. Innovation Spotlight: New Transmission Technologies

(Joint with Task Force on Innovation)

This meeting will be held in Grand Ballroom B/C

Moderator: Hon. Brad Johnson, Montana

Panelists: Ken Blair, VP of Business Development, Ampjack Industries Ltd.
David Rupert, Business Development Manager, BOLD (Breakthrough Overhead Line Design), LLC
Todd Ryan, Director of Regulatory Affairs, SmartWires
Alison Silverstein, Project Manager, North American Synchrophasor Initiative



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ENERGY RESOURCES AND THE ENVIRONMENT

Staff Subcommittee on Energy Resources and the Environment

Sunday, July 16 • 9:00 a.m. - 5:00 p.m. • Marina 6 / Grand Ballroom A

9:00 a.m. - 10:15 a.m. Energy Efficiency Financing for Low- and Moderate-Income Households

Moderator: Wally Nixon, Commissioner's Legal Advisor, Arkansas Public Service Commission

Panelists: Nancy Brockway, Commissioner Emeritus, Maine
Greg Leventis, Program Manager of Electricity Markets and Policy, Lawrence Berkeley National Lab
Katherine Johnson, President, Johnson Consulting Group

10:30 a.m. - 11:45 a.m. Preparing for a Future Grid with Abundant DER

Moderator: Scott Murtishaw, Energy Advisor to CPUC President, California Public Utilities Commission

Panelists: Dhaval Dagli, Principal Manager of Regulatory Policy, SCE
Mark Esguerra, Director of Integrated Grid Planning, PG&E
Brad Heavner, Policy Director, CALSEIA
Sahm White, Economics and Policy Analysis Director, Clean Coalition

1:00 p.m. - 2:00 p.m. Distributed Solar: Which Code When?

(Joint with the Staff Subcommittee on Electricity)

The joint meetings from 1:00 to 2:00 p.m. will be held in Grand Ballroom A.

3:15 p.m. - 3:35 p.m. Status of IEEE 1547

(Joint with Staff Subcommittee on Electricity)

3:35 p.m. - 3:55 p.m. How to Coordinate Smart Inverters with the Distribution Grid

(Joint with Staff Subcommittee on Electricity)

3:55 p.m. - 5:00 p.m. Do Your Utilities Need Grid Modernization to Integrate Distributed Generation?

(Joint with Staff Subcommittee on Electricity)

ENERGY RESOURCES AND THE ENVIRONMENT

Committee on Energy Resources and the Environment

Monday, July 17 • 10:45 a.m. - 5:00 p.m. • Harbor Island 3

10:45 a.m. - 11:45 a.m. What do water reuse, wastewater treatment, and clean energy have in common? Brewing beer of course.

(Joint with Committee on Water)

Moderator: Hon. John. E. “Butch” Howard, South Carolina

Panelists: Brent Eidson, Deputy Director of External Affairs, City of San Diego Public Utilities Department

Tim Suydam, Senior Water Operations Manager, Stone Brewing

1:30 p.m. - 2:30 p.m. Value-Added Electricity Services: New Roles for Utilities and Third-Party Providers

(Joint with Committee on Consumer Affairs)

Moderator: Lisa Schwartz, Energy Efficiency Team Leader, Electricity Markets & Policy Group, Lawrence Berkeley National Laboratory

Panelists: Jon Blansfield, Senior Manager, Strategic Alliances, Institute for Electric Innovation
Ryan Katofsky, Senior Director of Industry Analysis, Advanced Energy Economy
Bob Nelson, Consumer Counsel, Montana Consumer Counsel
Utility Representative (invited)

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Cal ISO’s Efforts to Integrate Distributed Energy Resources into its Wholesale Markets

(Joint with Committee on Electricity)

This meeting is in Grand Ballroom A.

Moderator: Hon. Michael Picker, California

Panelists: Mark Esguerra, Director, Integrated Grid Planning, Grid Integration and Innovation, Pacific Gas and Electric

Jill Powers, Infrastructure & Regulatory Policy Manager, CAISO

Manal Yamout, Vice President of Policy, Advanced Microgrid Solutions

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. How Clear is the Crystal Ball? Planning for the Future of Natural Gas

(Joint with Committee on Gas)

This meeting is in Harbor Island 2.

Co-Moderators: Hon. Nancy Lange, Minnesota and Hon. Norm Saari, Michigan

Panelists: Suzanne Lemieux, Manager, Midstream and Industry Operations, API (invited)
Andrew Weissman, Senior Counsel, Pillsbury Law; Founder, EBW Analytics
Steve Weissman, Lecturer, UC Berkeley’s Goldman School of Public Policy, Senior Policy Advisor, Center for Sustainable Energy

ENERGY RESOURCES AND THE ENVIRONMENT

Committee on Energy Resources and the Environment

Tuesday, July 18 • 10:45 a.m. - 5:00 p.m. • Harbor Island 3

10:45 a.m. - 11:45 a.m. Business Meeting

Introductions:

Hon. Nancy Lange, Minnesota, Chair

Hon. Carla Peterman, California, Vice Chair

Presentation: Key Findings from Utility Dive's 2017 State of the Electric Utility Survey, which polled more than 600 utility professionals on the critical issues facing the sector today.

Gavin Bade, Editor, *Utility Dive*

Resolutions

1:30 p.m. - 2:30 p.m. Smart Grid Innovation Around the Country

(Joint with the Task Force on Innovation)

Moderator: Hon. Lorraine Akiba, Hawaii

Panelists: Stuart Laval, Technology Director Duke Technology Center, Duke Energy

Anda Ray, SVP, Energy, Environment and External Relations, EPRI

Shishir Saraiya, Head of Data Science, Bidgely

Aaron Smallwood, Senior Director, Technical Services, SEPA

Raiford Smith, Vice President Analytics, Smart Grid and Corporate Strategy, Entergy

Martha Symko-Davies, Director of Partnerships, NREL

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. ERE Strategic Planning Session (Closed Session)

Session attendance is limited to ERE members, ERE staff subcommittee members, and ERE alumni.

Facilitator: Rich Sedano, Principal Director, Regulatory Assistance Project

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. What's the Charge to Charge? Rate Design Principles to Facilitate EV Charging

(Joint with Committee on Consumer Affairs)

Moderator: Hon. Meg Curran, Rhode Island

Panelists: Jim Lazar, Senior Advisor, Regulatory Assistance Project

Russell Garwacki, Director, Pricing Design and Research, Southern California Edison

Staff Subcommittee on Gas

Sunday, July 16 • 1:30 p.m. - 5:00 p.m. • Seabreeze

- 1:30 p.m. - 2:10 p.m. CHP Interconnection Practices, Technologies & Issues**
Moderator: Andreas D. Thanos, Chair, Staff Subcommittee on Gas
Presenter: Daniel LeFevers, Gas Technology Institute
- 2:15 p.m. - 2:55 p.m. Utility Financing: The Role of Minority Owned Financing Organizations**
Moderator: Andreas D. Thanos, Chair, Staff Subcommittee on Gas
Presenter: Timothy Alan Simon, Comm. Emeritus, President TAS Strategies
- 3:00 p.m. - 3:40 p.m. Ramifications of Gas Use and Alternatives in the Northeastern United States**
Moderator: Andreas D. Thanos, Chair, Staff Subcommittee on Gas
Presenter: Ron Edelstein, Director, Regulatory and Government Relations Gas Technology Institute
- 3:45 p.m. - 4:00 p.m. Natural Gas as a Bridge Fuel**
Moderator: Andreas D. Thanos, Chair, Staff Subcommittee on Gas
Presenter: Ken Costello, Principal Researcher, NRRI
- 4:15 p.m. - 5:00 p.m. Tackling Infrastructure Interdependencies – Priorities, Strategies, and Tactics**
(Joint Gas and Critical Infrastructure Committees) — Staff Subcommittee will participate in the joint meeting
This meeting will be held in Harbor Island 2.
Moderator: Hon. Dianne Solomon, New Jersey
Panelists: Kimberly Denbow, American Gas Association, Security, Operations & Engineering Services Director
 Paul Roberti, Executive Director, Advisory Services — Strategy, Ernst & Young
 Marcus Sachs — EISAC (invited)

Subcommittee & Staff Subcommittee on Pipeline Safety

Sunday, July 16 • 1:30 p.m. - 3:00 p.m. • Marina 6

This is a closed meeting. Agenda to be distributed at meeting.

Committee on Gas

Monday, July 17 • 10:45 a.m. - 5:00 p.m. • Harbor Island 2

- 10:45 a.m. - 11:45 a.m. Perspective on the Natural Gas Path Forward – The Environmental, Economic, and Political Benefits of Natural Gas**
- Moderators:** Hon. Kimberly O’Guinn, Arkansas
Hon. Stan Wise, Georgia
- Panelists:** Scott Doyle, Senior Vice President – Natural Gas Distribution, CenterPoint Energy
Paul Greenwood, Vice President – Americas, Africa, and Asia Pacific Business Development, ExxonMobil
Scott Moore, Senior Vice President – Permian Operations and E&P Marketing, Anadarko Petroleum
- 1:30 p.m. - 2:30 p.m. Rural and Underserved Areas – Natural Gas Access and Expansion Initiatives (Joint with the Committee on Consumer Affairs)**
- Moderators:** Hon. John Coleman, Pennsylvania
Hon. Julie Fedorchak, North Dakota
Hon. Brandon Presley, Mississippi
- Panelists:** Hon. Stephen Bloom, Oregon
Fred Hanna, Pipeline Business Line Leader (Southeast Group) and Senior Project Manager, AECOM
Kyle Rogers, Vice President – Government Relations, American Gas Association
Don Stanczak, Vice President – Regulatory Affairs, DTE Energy
- 2:30 p.m. - 2:45 p.m. Networking Break**
- 2:45 p.m. - 3:45 p.m. Electric Gas Coordination – “What the RUC?”**
- Moderator:** Hon. Angela O’Connor, Massachusetts
- Panelists:** Dennis Gee, Manager, Pacific Gas & Electric
Michael Kline, Senior Associate, The Brattle Group
ERCOT representative (invited)
- 3:45 p.m. - 4:00 p.m. Networking Break**
- 4:00 p.m. - 5:00 p.m. How Clear is the Crystal Ball? Planning for the Future of Natural Gas (Joint with Committee on Energy Resources and the Environment)**
- Moderators:** Hon. Nancy Lange, Minnesota
Hon. Norm Saari, Michigan
- Panelists:** Suzanne Lemieux, Manager – Midstream and Industry Operations, American Petroleum Institute
Andrew Weissman, Senior Counsel, Pillsbury Law and founder of EBW Analytics
Steve Weissman, Lecturer, University of California Berkeley Goldman School of Public Policy and Senior Policy Advisor, Center for Sustainable Energy

Committee on Gas

Tuesday, July 18 • 10:45 a.m. - 5:00 p.m. • Harbor Island 2

10:45 a.m. - 11:45 a.m. Technologies Driving Innovation in the Natural Gas Arena – Cruising Forward

(Joint with Task Force on Innovation)

Moderators: Hon. Carla Peterman, California

Hon. Angela Weber, Indiana

Panelists: Lisa Alexander, VP of Customer Solutions, SoCal Gas
 Josh Chaise, Director, Product Management, Water & Gas, Aclara
 Ron Edelstein, Director, Regulatory and Government Relations, Gas Technology Institute
 Josh Jorgensen, Manager of Development Engineering, Honeywell Gas Metering Solutions
 Dan Simmons, Acting Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

1:30 p.m. - 2:30 p.m. Committee on Gas Business Meeting

Update from FERC

Update from Washington Action Committee

Update from Pipeline Safety Subcommittee and Staff Pipeline Safety Subcommittee, which includes update on PHMSA/NAPSR/NARUC Collaborative

Update on Staff Gas Subcommittee

World Gas Conference Update (Barry Worthington, Executive Director, United States Energy Association)

Resolutions

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Understanding the Role of Diversity in Utilities' Financing Teams

(Joint Panel with Subcommittee on Supplier and Workforce Diversity)

Moderator: Hon. Rachael Eubanks, Michigan

Panelists: Sidney Dillard, Partner - Investment Banking Division - Corporate Loop Capital Markets
 Gary Hall, Head of Investment Banking, Siebert Cisneros Shank & Co. LLC
 Elizabeth (Beth) W. Reese, Executive Vice President and CFO, Southern Company Gas
 Arion K. Williams, Director, Drexel Hamilton LLC

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. Challenges and Opportunities Facing Natural Gas and Coal Generators

(Joint Panel with Subcommittee on Clean Coal and Carbon Management)

Moderators: Hon. Kara Brighton Fornstrom, Wyoming

Hon. Thomas Johnson, Ohio

Panelists: Michelle Bloodworth, COO, American Coalition for Clean Coal Electricity
 Dean Ellis, Senior Vice President – Regulatory & Government Affairs, Dynegy Gas Generation
 Doug Matheney, Special Advisor to the Secretary, Office of Fossil Energy, U.S. Department of Energy
 Steve Nelson, COO, Longview Power
 Tom Wilson, Principal Technical Executive for Strategic Analysis, Electric Power Research Institute



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SEIA is taking the lead to oppose Suniva's Section 201 petition with the International Trade Commission, which could cause the industry to lose 88,000 jobs: www.seia.org/trade

Learn more at www.seia.org

INTERNATIONAL RELATIONS

Committee on International Relations

Sunday, July 16 • 1:30 p.m. - 4:30 p.m. • Harbor Island 3

1:30 p.m. - 2:15 p.m.

Business Meeting

Welcome and introductions

Hon. David Danner — Chair, IRC — Washington

Hon. Kenneth Hill — Co-Vice Chair, IRC — Tennessee

Hon. Murray Doehler — Co-Vice Chair, IRC — Nova Scotia

Committee Business

Approval of winter meeting minutes

Resolutions

Call for nominations — Terry Barnich Award

International Updates

NARUC International Department Report — Erin Hammel, Director

World Energy Regulatory Forum — Hon. David Danner

World Gas Forum — Hon. Diane X. Burman, New York

2:15 p.m. - 2:30 p.m.

Networking Break

2:30 p.m. - 3:45 p.m.

Energy on the Border

Moderator: TBD

Panelists: Hon. David Hochschild, California Energy Commission (invited)
Mr. Rick Van Schoik, Transborder Energy Portfolio Director, North American Research Partnership
CRE de Mexico representative (invited)
Cal ISO representative (invited)
CENACE (Mexican ISO) representative (invited)

3:45 p.m. - 4:00 p.m.

Networking Break

4:00 p.m. - 5:00 p.m.

The Changing Climate on Climate Change: The Role of China After the US Exit From the Paris Accords

Moderator: Hon. Travis Kavulla, Montana

Panelists: Christopher James, Principal, China Programs, Regulatory Assistance Project
Susan Shirk, Research Professor; Chair, 21st Century China Center, School of Global Policy and Strategy, University of California, San Diego
David Victor, Professor; Co-director, Laboratory on International Law and Regulation, School of Global Policy and Strategy, University of California, San Diego



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Monday, July 17, from 5:15 to 6:15

Bayview Lawn

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Staff Subcommittee on Telecommunications

Sunday, July 16 • 9:00 a.m. - 5:00 p.m. • Harbor Island 1

- 9:00 a.m. - 10:15 a.m. Panel III: Back to the Future... or the Past: The Effect of a Broadband Reclassification**
Moderator: Geoff Why, Counsel, Verrill, Dana
Panelists: Barbara Cherry, Professor, University of Indiana
Rick Cimmerman, VP External & State Affairs, NCTA
Brad Ramsay, General Counsel, NARUC
- 10:15 a.m. - 10:30 a.m. Networking Break**
- 10:30 a.m. - 11:45 a.m. Panel IV: Copper Retirement and the Transition to Broadband
(Joint with the Staff Subcommittee on Consumer Affairs)**
Moderator: Sherry Lichtenberg, Ph.D., Principal for Telecommunications, NRRI
Panelists: Sarah DeYoung, Executive Director, California Association of Competitive Telecommunications Companies (CALTEL)
Allison Ellis, Senior Vice President, Regulatory Affairs, Frontier Communications
Coralette M. Hannon, Sr. Legislative Representative, Financial Security & Consumer Affairs, AARP
Paul Vasington, Director, State Public Policy, Verizon
- 11:45 a.m. - 1:00 p.m. Lunch (On Own)**
- 1:00 p.m. - 2:15 p.m. Panel V: FirstNet — We Have a Winner! What Does it Mean for States and Consumers?**
Moderator: Lynn Notarianni, Colorado
Panelists: Kim Coleman-Madsen, ENP, Manager - Broadband Implementation Manager, State of Colorado-Governor's Office of Information Technology
First Responder Network Authority
Patrick Mallon, Assistant Director, Public Safety Communications, California Office of Emergency Services
- 2:15 p.m. - 2:30 p.m. Networking Break**
- 2:30 p.m. - 3:45 p.m. Panel V: Mobility Fund II — What's Mobilizing?**
Moderator: Joe Witmer, Pennsylvania
Panelists: Catherine Sandoval, Professor, Santa Clara Law School
Ben Aaron, Director, State Regulatory & External Affairs, CTIA
David LaFuria, Partner, Lukas, LaFuria, Nace, Gutierrez & Sachs, LLP
Mary Sisak, Partner, Blooston, Mordkofsky, Dickens, Duffy & Prendergast, LLP
- 3:45 p.m. - 4:00 p.m. Networking Break**
- 4:00 p.m. - 5:00 p.m. Resolutions - Final Discussion**

TELECOMMUNICATIONS

Committee on Telecommunications

Monday, July 17 • 10:45 a.m. - 5:00 p.m. • Harbor Island 1

10:45 a.m. - 11:45 a.m. Staff and Industry — What Commissioners Need to Hear

Moderator: Hon. Paul Kjellander, Idaho

Panelists: Joe Witmer, Pennsylvania Commission
Lynn Notarianni, Telecom Section Chief, Colorado Commission
Robin Anacona, Director, Michigan Commission
Megan Kueck, Manager of State and Local Affairs, SBCA
Pamela H. Hollick, Senior Counsel State Public Policy, Level 3 Communications, LLC
Susan Lipper, Director State Government Affairs, T-Mobile

1:30 p.m. - 2:30 p.m. State USF Funds — Broadband and VoIP: Contributors or Receivers

Moderator: Hon. Chris Nelson, South Dakota

Panelists: Hon. David Clark, Utah
Hon. David Danner, Washington
Hon. Wendy Moser, Colorado
Michael Santorelli, Director, New York Law School Advanced Communications Law and Policy Institute

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. The Wooden Pole — Your Most High-Tech Infrastructure

Moderator: Hon. Michael Picker, California

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. 5G Small Cell - Coming to a Pole Near You!

(Joint with Committee on Electricity)

This meeting will be held in the Grand Ballroom A.

Moderator: Hon. John Rosales, Illinois

Panelists: Hon. Karen Charles Peterson, Massachusetts Department of Telecommunications and Cable
Nelson G. Bingel III, Chairman, National Electrical Safety Code
David P. Young, Fiber Network & R.O.W. Manager, City of Lincoln, Nebraska

Committee on Telecommunications

Tuesday, July 18 • 10:45 a.m. - 5:00 p.m. • Harbor Island 1

10:45 a.m. - 11:45 a.m. Back to the Future: Net Neutrality — Where we're going, we don't need ... regulations (or do we?).

Moderator: Hon. Ronald A. Brisé, Florida

Panelists: Rick Cimerman, VP of External Affairs, NCTA

Dr. Mark Jamison, Director, Public Utility Research Center (UF)

Dr. Nicol E. Turner-Lee, Fellow, Center for Technology Innovation, Gov. Studies (Brookings Institution)

Professor Christopher Yoo, Director, Center for Technology, Innovation & Competition (UPenn)

1:30 p.m. - 2:30 p.m. Business Meeting

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Innovation in the Telecommunications Space

(Joint with the Task Force on Innovation)

Moderator: Hon. Gregg Sayre, New York

Panelists: TJ Costello, Americas Smart Cities & IoT Director, Cisco

Hans Raj Nahata, Director — Technology Architecture, Verizon Communications

Christian Pape, VP Innovation, CableLabs

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. Combating Robocalling

(Joint with Committee on Consumer Affairs)

Moderator: Hon. Brandon Presley, Mississippi

Panelists: Brenda Clark, Director Regulatory, AT&T State Legislative & Regulatory Affairs

Dave Conn, Vice President, State Government Affairs, T-Mobile

Richard Shockey, Chairman of the Board, SIP Forum

Brent Struthers, Senior Policy Advisor, Neustar

Committee on Water

Monday, July 17 • 10:45 a.m. - 5:00 p.m. • Seabreeze

10:45 a.m. - 11:45 a.m. What do water reuse, wastewater treatment, and clean energy have in common? Brewing beer of course.

(Joint with the Committee on Energy Resources and the Environment)

This meeting held in Harbor Island 3.

Moderator: Hon. John E. “Butch” Howard, South Carolina

Panelists: Brent Eidson, Deputy Director of External Affairs, City of San Diego Public Utilities Department

Tim Suydam, Senior Water Operations Manager, Stone Brewing

1:30 p.m. - 2:30 p.m. Advancing Water Technology

Moderator: Cathy Pedemonti, Utilities Examiner, Connecticut Public Utilities Regulatory Authority

Panelists: Jay Boyd, Senior Vice President, SmartCover Systems

Rebecca Shanahan, Program Manager, WaterStart

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Desalination as a Water Source

(Joint with the Task Force on Innovation)

Moderator: Hon. Comer H. “Randy” Randall, South Carolina

Panelists: Richard Svindland, President, California American Water

Bob Yamada, Director of Water Resources, San Diego County Water Authority

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. Business Meeting

Committee on Water

Tuesday, July 18 • 10:45 a.m. - 5:00 p.m. • Seabreeze

10:45 a.m. - 11:45 a.m. Beyond Lead: Emerging Contaminants and Meeting Customer Expectations

Moderator: Hon. Daniel Y. Hall, Missouri

Panelists: Zia Bukhari, Senior Scientist, American Water

Stuart Kranser, Principal Environmental Specialist, Metropolitan Water District of Southern California

Rob Renner, Chief Executive Officer, Water Research Foundation

1:30 p.m. - 2:30 p.m. Ratemaking and Cloud Computing

Moderator: Hon. Sadzi M. Oliva, Illinois

Panelists: John Farnkopf, Senior Vice President, HF&H Consultants, LLC
Jim Jenkins, Vice President, Regulatory and Public Policy, American Water
Danny Kermode, Assistant Director of Water and Transportation, Washington
Utilities and Transportation Commission

2:30 p.m. - 2:45 p.m. Networking Break

2:45 p.m. - 3:45 p.m. Water Trading and Other Unique Approaches to Addressing Water Shortages and Shifts in Demand

Moderator: Hon. Martha Guzman Aceves, California

Panelists: Chuck Cullom, Colorado River Programs Manager, Central Arizona Project
Joseph Vanderhorst, Assistant General Counsel (retired), Metropolitan Water District of Southern California
Scott Slater, Shareholder, Brownstein Hyatt Farber Schreck

3:45 p.m. - 4:00 p.m. Networking Break

4:00 p.m. - 5:00 p.m. Commissioners' Roundtable

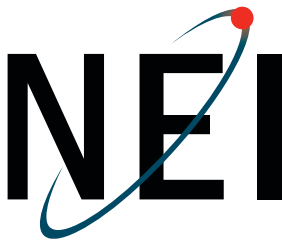
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FUTURE NARUC MEETINGS

NARUC 18th New Commissioner Regulatory Orientation

October 2–3, 2017
Washington, D.C.

45th Eastern NARUC Utility Rate School

October 23–27, 2017
Clearwater Beach, Florida
Tel: 517.432.2262

2017 Annual Meeting and Educational Conference

Baltimore, Maryland
Hilton Baltimore
November 12–15, 2017

2018 Winter Policy Summit

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

2018 Summer Policy Summit

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

2018 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

2019 Summer Policy Summit

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

2019 Annual Meeting and Educational Conference

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

2020 Winter Policy Summit

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

2020 Summer Policy Summit

Boston, Massachusetts
Sheraton
July 19–22, 2020

2020 Annual Meeting and Educational Conference

Seattle, Washington
November 8–11, 2020

2021 Winter Policy Summit

Washington, D.C.
Renaissance Washington
February 7–10, 2021

2021 Annual Meeting and Educational Conference

Omni Hotel
Louisville, Kentucky
November 7–11, 2021

2022 Winter Policy Summit

Washington, D.C.
Renaissance Washington Hotel
February 13–16, 2022

2023 Winter Policy Summit

Washington, D.C.
Renaissance Washington Hotel
February 12–15, 2023

2024 Winter Policy Summit

Washington, D.C.
Renaissance Washington Hotel
February 25–28, 2024

2025 Winter Policy Summit

Washington, D.C.
Renaissance Washington Hotel
February 23–26, 2025