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Martin P. Honigberg

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Robert R. Scott

EXECUTIVE DIRECTOR
Debra A. Howland

STATE OF NEW HAMPSHIRE

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March 12, 2015

Hon. William M. Gardner
The Secretary of State
Secretary of State's Office
State House, Room 204
Concord NH 03301

Dear Secretary Gardner,

Enclosed please find a State of New Hampshire Honorarium or Expense Reimbursement Report (RSA 15-B) filed on behalf of Director of Safety & Security Randall S. Knepper.

If you have any questions or concerns, please do not hesitate to give us a call at 271-6022.

Sincerely,

Carolyn A. Stiles

Carolyn A. Stiles
Program Specialist I
Safety Division

Enclosures: RSA 15-B
Agenda
NARUC Travel Reimbursement Request

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MAR 13 2015
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STATE OF NEW HAMPSHIRE

Honorarium or Expense Reimbursement Report (RSA 15-B)

Type or Print all Information Clearly:

Name: Randall S Knepper Work Phone No. 603-271-6026
First Middle Last

Work Address: 21 S. Fruit St., Ste 10, Concord, NH 03301-2429

Office/Appointment/Employment held: Director, Safety & Security

List the full name, post office address, occupation, and principal place of business, if any, of the source of any reportable honorarium or expense reimbursement. When the source is a corporation or other entity, the name and work address of the person representing the corporation or entity in making the honorarium or expense reimbursement must be provided in addition to the name of the corporation or entity.

Source of Honorarium or Expense Reimbursement:

Name of source: National Association of Regulatory Utility Commissioners (NARUC)
First Middle Last

Post Office Address: 1101 Vermont Avenue, NW, Suite 200, Washington, DC 20005

Occupation: Non-profit association to which NHPUC pays member dues.

Principal Place of Business: 1101 Vermont Avenue, NW, Suite 200, Washington, DC 20005

If source is a Corporation or other Entity:

Name of Corporation or Entity: NARUC

Name of Corporate/Entity Representative: Debbie Scott

Work Address of Representative: 1101 Vermont Avenue, NW, Suite 200, Washington, DC 20005

Food and/or beverages consumed pursuant to RSA 15-B:6, II with **value over $25.00** ☐

Value of Honorarium: _____ Date Received: _____ ***If exact value is unknown, provide an estimate of the value of the gift or honorarium and identify the value as an estimate.*** ☐ Exact ☐ Estimate

Value of Expense Reimbursement: $906.52 Date Received: 3/9/15 *A copy of the agenda or an equivalent document must be attached to this filing.* ☒ Exact ☐ Estimate

Briefly describe the service or event this Honorarium or Expense Reimbursement relates to: Partial travel subsidy for chairing pipeline safety sub-committee at the NARUC 2015 winter committee meeting February 15-18, 2015 in Washington, DC

"I have read RSA 15-B and hereby swear or affirm that the foregoing information is true and complete to the best of my knowledge and belief."

Randall S. Knepper 3/9/15
Signature of Filer Date Filed

9/07

RSA 15-B:9 Penalty. Any person who knowingly fails to comply with the provisions of this chapter or knowingly files a false report shall be guilty of a misdemeanor.

Return to: Secretary of State's Office, State House Room 204, Concord, NH 03301

NARUC Winter Committee Meetings

Washington, DC

Program by Day

Agenda, meeting times and locations are subject to change

Select to view a single Committee:

select Committee...

Friday, February 13

2:00 PM-5:00 PM **Staff Subcommittee on Telecommunications** Ballroom North

2:00 PM **National State and Local Government Associations**

Moderator Brian O'Hara - Legislative Director, NARUC

Panelists Yejin Jang - Association Legislative Director - Telecom & Tech., National Sssociation of Counties (NACO)
Mitch Herckis - Director of Government Relations, National Association of State CIO's (NASCIO)
Julia Pulidindi - Pricipal Associate for Tech. & Communications, National League of Cities (NLC)
Charles Small - Associate Director for Federal Policy, State of NY Governor Cuomo

2:00 PM **National State and Local Govt. Association Panel**

Moderator Brian O'Hara - Legislative Director, NARUC

Panelists Yejin Jang - Assoc. Legislative Director - Telecom & Tech., Nat. Assoc. of Counties (NACo)
Mitch Herckis - Direcor of Government relations, Nat. Assoc. of State Chief Information Officers (NASCIO)
Julia Pulidindi - Principal Associate for Tech. & Communications, National League of Cities (NLC)
Charles Small - Associate Director for Federal Policy, State of NY Governor Cuomo

3:15 PM **Adjourn for the Day**

Saturday, February 14

8:30 AM-5:00 PM **Staff Subcommittee on Telecommunications** Ballroom North

8:30 AM **Closed Session - State Staff Issues Discussion**

11:00 AM **Reports from NARUC**

*Litigation Report - Brad Ramsay

*Legislative Report - Brian O'Hara

*706 Joint Conference - Cary Hinton (DC)

11:20 AM **Joint Boards Reports**

*Separations - George Young (VT)

*Universal Service - Labros Pilalis (PA)

11:30 AM **Subgroup Reports**

*Federal Regulation & Legislation - Joe Witmer (PA)

*State Regulation - Lynn Notarianni (CO)

*Consumer Issues - Karlen Reed (MA)

*Technology & Service Quality - Jeff Richter (WI)

*Numbering - Bonnie Johnson (MN)

11:45 AM **Lunch (On your own)**

1:15 PM **LIFELINE: Where do we stand with the reforms and what's next?**

The federal efforts to eliminate waste, fraud and abuse continue to evolve. Panelists will cover: · NLAD Refinements & Update · Where do we stand with Broadband Trials? · FCC Strike Force Issues · What have we learned from USAC Auditor Reports? · Compliance with State Database Requirements versus Provider Verifications · The USAC Annual Reverification OptionLIFELINE: Where do we stand witht he reforms and what's next?

Moderator Jeff Richter - USF Director, Public Service Commission of WI

Panelists Ryan Palmer - Chief, Telecommunications Access Policy Division, Wireline Competition Bureau, FCC
Anne Clements - Client Services Manager, CGM, LLC
John Heitmann - Counsel for a coalition of ETCs, Kelley Drye & Warren LLP
Stephen Athanson - Regulatory Counsel, TracFone Wireless Inc.
Tanea Davis Foglia - Manager, Regulatory Affairs, John Sturulakis Inc.

2:30 PM **The Coming TDM Sunset: Transitioning from Circuit Switched Technologies to IP**

Nearly every electric utility today relies on Frame Relay and other TDM (Time Division Multiplex) commercial wireline carrier services to support critical control data. Major carriers have announced plans to discontinue services, and some utilities have already received notification that they will need to migrate to another packet-based type of service or face loss of service to critical operational assets. We'll share with Commissioners and staff some facts about the shape of the transition to date and where it's headed; why it's important to plan ahead and talk about some of the specific actions government and industry have already taken to further the IP

transition; and discuss some of the challenging issues that remain. Please join our panelists as we seek to bring clarity to this highly troublesome situation by discussing the issues driving the evolution of the carrier networks, and the impacts of this evolution to utilities and critical infrastructure. The panelists will identify the common packet technology options that can be used to replace the more traditional legacy services with a focus on how the utility can continue operations utilizing utility-owned networks and/or public carrier services. Our presenters will explain several of the options available, resolve myths and misunderstandings and provide real world examples of technology choices available.

Moderator John McClain, Office of Emergency Communications, Dept. of Homeland Security

Panelists Matthew S. DelNero - Deputy Bureau Chief, Wireline Competition Bureau, FCC
Brett Kilbourne - VP Government and Industry Affairs & Deputy General Counsel, Utilities Telecom Council
Mark Madden - Regional Vice President, North American Utilities, Alcatel-Lucent
Frank Simone, - AVP Regulatory, AT&T External Affairs
Sanjay Udani, Ph.D - Executive Director, Internet & Technology Policy, Verizon
Doug McGinnis - Senior Manager, Real Time Network Engineering, Exelon

3:30 PM **Networking Break**

3:45 PM **Resolution Introductions - Industry Reaction**

5:00 PM **Adjourn for the Day**

12:00 PM-3:00 PM **Subcommittee on Education and Research** Meeting Room 2

12:00 PM **Closed Executive Session**
Working lunch for Committee and Staff Subcommittee Members Only

1:00 PM **Welcome and Introductions**
Jim Gardner - Subcommittee Chair, Kentucky

1:05 PM **Approval of Minutes**

1:10 PM **NRRI Update**
Dr. Rajnish Barua - Executive Director, NRRI

1:25 PM **ICER VWG 4: Regulatory Best Practices**
Hon. John Betkoski, III - Vice Chairman, Connecticut

1:35 PM **Update on Subcommittee Projects**
Erin Hammel - Director, International Programs, NARUC

1:50 PM **Review of Applications for Support**

Erin Hammel - Director, International Programs, NARUC

2:05 PM **Scholarship Review and Selections**

Selection of Scholarship recipients

Sue Daly - Chair, Staff Subcommittee on Education and Research, Ohio

2:25 PM **Certificate of Continuing Regulatory Education (CCRE) Update**

Dr. Jan Beecher - Director, Institute of Public Utilities, MSU

2:40 PM **New Business**

2:45 PM **Adjourn**

2:00 PM-5:00 PM **Eastern Interconnection Energy Issues** Meeting Room 12 -14

2:30 PM-4:30 PM **NRRI Colloquium** Meeting Room 3

2:30 PM **State Universal Service Funds: Contribution and Distribution**

Sherry Lichtenberg, Ph.D. - Principal Researcher, NRRI

3:00 PM **Distributed Generation: Challenges for Utilities and Regulators**

Ken Costello - Principal Researcher, NRRI

3:30 PM **Getting the Signals Straight: Modeling, Planning, and Implementing Non-Transmission Alternatives**

Tom Stanton - Principal Researcher, NRRI

4:00 PM **Electric Seams and Seams Issues: A Primer**

Rishi Garg, Esq. - General Counsel & Principal Researcher, NRRI

5:30 PM-6:30 PM **NRRI Board Meeting** Meeting Room 2

Sunday, February 15

8:00 AM-4:30 PM *Registration*

9:00 AM-11:45 AM **Staff Subcommittee on Consumer Affairs** Ballroom South / Ballroom North

9:00 AM **Crossing the Customer Debt Divide**

How are utilities and consumer organizations helping electric and gas utility customers manage overdue bills? Are there new ways to address this ever-present consumer concern? How can we balance the need to keep uncollectible debt reasonable and still help the customers keep the lights on? This panel will highlight consumer issues related to electric and gas utility debt collection and offer best practices for how utilities and social service agencies can prevent customer disconnections and help them stay connected.

Moderator Barbara Bossart - Chief, Reliability & Service Analysis Division, {ublic Utililties Commission of Ohio

Panelists Jane Whetstone - Customer Service Coordinator, Iowa Utilities Board
Mark Wolfe - Executive Director, National Energy Assistance Directors Association
Jim Williams - Consumer Protection Research Analyst, Ohio Consumers Counsel
Linda Gervais - Manager, Regulatory Policy, Avista Utilities

10:00 AM **LIHEAP Update**
Mark Wolfe - Executive Director, National Energy Assistance Directors Association

10:15 AM **Networking Break**

10:30 AM **Cramming - Wi-Fi (Joint Panel w/Telecommunications) "Just When You Thought Youd Figured Out Your Phone &**

IN THE TELECOMMUNICATIONS MEETING ROOM

9:00 AM-11:45 AM **Subcommittee on Clean Coal** Renaissance West A

9:00 AM **Welcome and Introductions**
Hon. Brian Kalk - Commissioner, North Dakota
Hon. Asim Haque - Commissioner, Ohio

9:15 AM **CCS Deployment as a Compliance Option**
Julio Friedmann - Deputy Assistant Secretary, Clean Coal & Carbon Management, Department of Energy

9:45 AM **Conclusions from The Clean Air Task Force CCS Deployment Study under 111(d)**
John Thompson - Director, Fossil Transition Project, Clean Air Task Force

10:05 AM **Opportunities for CCS from the Coal Utilization Research Council Perspective**
Ben Yamagata - Executive Director, Coal Utilization Research Council

10:25 AM **National Mining Association Count on Coal Campaign Update**
Terry Jarrett - Partner, Healy & Healy

10:40 AM **The Illinois Basin Decatur Project & ADM Industrial CCS Demonstration**
Thomas Sarkus, National Energy Technology Laboratory

11:00 AM **Business Meeting**
Resolutions Strategic Discussion Update to the subcommittee name - "Carbon management with CCS & Clean Coal" / "CCS & Carbon Utilization" or suggestions.

9:00 AM-11:45 AM **Subcommittee on Utility Marketplace Access** Congressional Ballroom

9:00 AM **Welcome and Opening Comments**

Opening Remarks from Chairwoman Nikki Hall

Hon. Nikki Hall - Chairwoman, South Carolina Public Service Commission

9:05 AM **Update on UMA Toolkit Project**

The Supplier Diversity Toolkit was formally launched at the NARUC Annual Meeting in San Francisco. Now the UMA Committee members will receive a briefing on the status of the Toolkit from NUDC.

Laurie Dowling - Executive Director, National Utilities Diversity Council
Derrell Slaughter - Intern, National Utilities Diversity Council

9:25 AM **PANEL - RTO Workforce Readiness and Supplier Diversity Best Practices**

Human resources leaders from Regional Transmission Organizations will share, for the first time, insight into the building of technical workforces and initiatives designed to reach more diverse candidates. Join us to learn how these organizations are implementing unprecedented programs and striving to find best practices for recruiting and maintaining a diverse workforce.

Moderator Hon. Robert S. Kenney - Chairman, Missouri Public Service Commission

Panelists Dionne Wright - Manager - People Services Center, PJM Interconnection
Katya London - Manager - Human Resources, New York Independent System Operator

10:00 AM **Best Practices on Workforce Readiness from Deregulated and Affiliated Companies**

At a time when regulated firms face retirements of skilled workers, deregulated and affiliated companies continue to recruit and retain skilled workers and diverse firms for contractual opportunities. This panel invites those firms in to discuss their best practices for recruiting and retaining diverse firms and employees.

Moderator Hon. Ronald A. Brisé - Commissioner, Florida Public Service Commission

Panelists Tim LoCascio - Director, Marketing & Regulatory Affairs, Liberty Power Corporation
Oliver Turman - Acting Executive Director AT&T Supplier Diversity, AT&T

10:35 AM **Update from MMTC**

UMA welcomes Kim Keenan, new CEO of the Minority Media Telecom Council (invited) for introduction and brief remarks.

Moderator Hon. Nikki Hall - UMA Chairwoman and Chair, South Carolina Public Service Commission

Panelist Kim Keenan - President and CEO, Multicultural Media, Telecom and Internet Council

10:50 AM **Stakeholder Reports**

Updates from organizations that share NARUC's goals for utility marketplace access.

Moderator Hon. Nikki Hall - UMA Chairwoman and Chairwoman, South Carolina Public Service Commission

Panelists Jose Perez - President and COO, Hispanics In Energy
Paula Jackson - President and CEO, American Association of Blacks in Energy

11:05 AM **Committee Business**

- Tabled Resolutions from San Francisco
- Presentations at Regional Meetings
- Ideas for panels at Summer Meetings
- Other matters

Hon. Nikki Hall - UMA Chairwoman and Chairwoman, South Carolina Public Service Commission

9:00 AM-11:45 AM **Sunday Morning Collaborative** Ballroom Central

9:00 AM **What you need to know about FERC enforcement**

- Hon. Colette Honorable, FERC
- Hon. Travis Kavulla, Montana
- Hon. Eric Callisto, Wisconsin

Welcome from Hon. Colette Honorable, FERC - An introduction to the topic of FERC enforcement.

With a focus on fraud and market manipulation, violations of serious mandatory reliability standards, actions that impinge on market transparency, and recovery of $40 million in disgorgements and penalties in 2014, FERC continues to place enforcement activities at the top of its list. Join new FERC Commissioner Colette Honorable and a distinguished set of panelists for a primer on FERC enforcement; a discussion of the topics that keep regulators, market monitors, and the regulated on watch for potential problems; and an opportunity for Q and A with some of the most engaged and forward thinking speakers on this important topic.

9:10 AM **Life of a FERC Enforcement Case**

Senior management from the FERC enforcement team will walk through the life of a typical FERC enforcement action, from investigation to case resolution.

Speaker Larry Parkinson - Director, Division of Investigation, Office of Enforcement, FERC

9:55 AM **Q&A**

10:10 AM **Stories from the Enforcement Trenches**

Experienced panelists will provide commentary on different aspects of FERC enforcement cases, including opinions on the changing role of enforcement over time, and the role of State regulators.

Speakers Marc Spitzer, Steptoe & Johnson, LLP, and former FERC Commissioner
John Moot, Skadden, Arps, and former FERC General Counsel and Chief of Staff
Dr. Joseph Bowring - President, Monitoring Analytics, and current market monitor, PJM
Rishi Garg - General Counsel and Principal Researcher, NRRI

10:50 AM **Discussion**

9:00 AM-5:00 PM **Staff Subcommittee on Telecommunications** Ballroom North

9:00 AM **Reports by National Representatives**

*FirstNet Report - Jessica Zufolo

*NTIA Report - John Morris

9:30 AM **FCC Bureau Reports**

Moderator Gene Hand - Director of Telecommunications Dept., Nebraska Public Servie Commission

Panelists David Furth - Deputy Bureau Chief, Public Safety and Homeland Security Bureau
Kris Monteith - Acting Bureau Chief, Consumer and Governmental Affairs Bureau
Vickie Robinson - Assistant Bureau Chief, Enforcement Bureau
Michael Janson - Associate Chief, Spectrum and Competition Policy Division, Wireless Telecommunications Bureau
Julie Veach - Bureau Chief, Wireline Competition Bureau

10:15 AM **Networking Break**

10:30 AM **Cramming - Wi-Fi (Joint Panel w/Consumer Affairs)**

Just When You Thought You'd Figured Out Your Phone This panel will look at two hot consumer-related topics -- cramming and wi-fi -- and how State and federal regulators are addressing them, plus the industry's perspective. The panelists will look at how the FCC's new Consumer Help Center will handle cramming complaints? How are different State and federal agencies enforcing anti-cramming rules? What privacy issues arise when private wi-fi networks are used as public hotspots? Wi-Fi Jamming / Deauthentication - What is it and who cares?

Moderator Greg Fogleman and Cindy Muir , Florida Public Service Commission

Panelists Kris Anne Monteith - Acting Chief, Consumer & Governmental Affairs Bureau, FCC
Heather Allen - Program Manager for Mobile Payments, FTC
Lenora Best - Policy Division Chief- Bureau of Consumer Services, Pennsylvania Public Utility Commission
Michael Altschul - Senior Vice President for Policy and Administration and General Counsel, CTIA
Rick Cimerman - Vice President External & State Affairs, NCTA

11:45 AM **Lunch (On your own)**

1:20 PM **Activated FM Chips in Smartphones - Do They Have Value During Disasters? (Joint Panel w/Critical Infrastructure)** (Ballroom Central)
Communications systems serve a vital role conveying information to the public during emergencies. If cellular or wi-fi communication networks fail or become overloaded, can radio-enabled smartphones fill the gap? What are the pros and cons?

See Critical Infrastructure Agenda

2:30 PM **Identifying a Role for the States in the IP transition** (Ballroom North)
This panel will address the status of the technology transition with a specific focus on interconnection agreements, competition, and the need for States to ensure that customers continue to receive the service they need at prices they can afford. The panel will address key questions including the impact of the transition on end users, competitors, and regulators; ways to maintain competition in the new IP world; the need for interconnection agreements; and the State role in ensuring that consumers are not harmed or put at risk by the transition.

Moderator Sherry Lichtenberg, Ph.D., National Regulatory Research Institute

Panelists Jennie B. Chandra - Vice President of Public Policy & Strategy, Windstream
Rebekah Goodheart - Legal Advisor to Commissioner Mignon Clyburn, FCC
Carolyn Hammack - Director - Public Policy, CenturyLink
Hank Hultquist - Vice President, Federal Regulatory, AT&T
Keith Oliver - Senior Vice President, Corporate Operations, Home Telephone Company, Inc.

4:00 PM **Networking Break**

4:15 PM **Final Resolution Discussion**

5:00 PM **Adjourn for the Day**

10:15 AM-10:30 AM	*Networking Break*	Foyer
10:30 AM-12:45 AM	**New Commissioner Forum**	Meeting Room 16
10:30 AM-11:30 AM	**Around The World with NARUC**	Meeting Room 2
11:00 AM-11:30 AM	**Staff Subcommittee on Nuclear Issues**	Meeting Room 15

11:00 AM **Nuclear Issues for 2015** (Washington)

1) Issues to address during 2015

2) Preferred method for addressing the issues (resolutions, white papers, letters,etc.)

3) Update of nuclear timeline

James Spearman - Executive Assistant & Sr. Advisor, Public Service Commission of SC

12:00 PM-5:00 PM **Committee & Staff Subcommittee on Critical Infrastructure** Ballroom Central

12:00 PM **CLOSED: Committee/Staff Subcommittee Briefing**
From 12:00 - 1:00 this is a closed meeting for Committee/Staff Subcommittee Members and Invitees ONLY. The open meeting will begin at approximately 1:00pm

1:00 PM **Welcoming Remarks & Introductions**
Hon. Carolene Mays-Medley - Chair, Committee on Critical Infrastructure, Indiana
Thomas Pearce - Staff Subcommittee Chair

1:15 PM **State Energy Risk Assessment Initiative**

An overview of the collaborative effort with NARUC to increase States' awareness of risk to energy systems to help officials better prepare for disruptions and make more informed decisions related to infrastructure investments, resilience and hardening strategies, and asset management.

Speaker Alice Lippert - Sr. Technical Advisor, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy

1:25 PM **JOINT MEETING WITH TELECOM COMMITTEE/STAFF SUB: Activated FM Chips in Smartphones - Do They Have Value During Disasters?**

Communications systems serve a vital role conveying information to the public during emergencies. If cellular or wi-fi communication networks fail or become overloaded, can radio-enabled smartphones fill the gap? What are the pros and cons?

Moderator Hon. Carolene Mays-Medley - Chair, Committee on Critical Infrastructure

Panelists Jeff Smulyan - Founder/Chairman, Emmis Communications Corp.
John Marinho - VP, Cybersecurity & Technology, CTIA
Wade Witmer - Deputy Director Integrated Public Alert & Warning Syetem, FEMA

2:15 PM **Importance of Privacy vs. Information Collection and Sharing**

Information collection and sharing is a huge issue in the cyber arena. What's critical to collect and/or share? What should be held close to the vest for security purposes? When does safety supersede knowing?

Moderator Hon. Nick Wagner - Co-Vice Chair, Committee on Critical Infrastructure

Panelists Christopher Soghoian, Ph.D. - Principal Technologist & Sr. Policy Analyst Speech, Privacy & Technology Project, ACLU
Matt O'Keefe - Director, Market Development & Regulatory Affairs, OPower

3:00 PM **Break**

3:15 PM **What Level of Physical Security is Needed to Protect Utilities' Critical Infrastructure in an Attack?**

Physical attacks of our nation's critical infrastructure are increasing. Reliability, safety, and the resilience of utilities' critical assets is imperative. This panel will discuss the needs and standards of physical security to prevent terrorist attacks against water and power plants. Questions that regulators can ask of utilities, an overview of steps towards preparedness and service interruption prevention, as well as the role of risk management in regulatory decision making will be discussed.

Moderator Hon. Swain Whitfield - Co-Vice Chair, Committee on Critical Infrastructure

Panelists Jonathon McConnell - President, Meridian Global Consulting LLC
Vic Slade - Manager, Corporate Security, Dominion Resources Services, Inc.

4:00 PM **NERC CIP Update**

An overview of NERC's current status with CIP (Critical Infrastructure Protection) Standards, where industry is and industry needs to be will be discussed.

Moderator Thomas Pearce - Chair, Staff Subcommittee on Critical Infrastructure

Panelist Thomas O'Brien - VP, Information & Technology, PJM

4:15 PM **NIST Framework Update**

During this session, the NIST cybersecurity framework will be discussed with an understanding of industry acceptance and implementation.

Moderator Hon. Nick Wagner - Co-Vice Chair, Committee on Critical Infrastructure

Panelist Victoria Yan Pillitteri - Advisor for Information System Security, Computer Security Division, NIST

4:30 PM **Committee Business Meeting**

NARUC updates and discussion of resolutions

Speakers Raj Barua - Executive Director, NRRI
Chris Mele - Legislative Director - Energy, NARUC
Brian O'Hara - Legislative Director - Telecommunications Technology and Water, NARUC
Holly Rachel Smith - Asst. General Counsel, NARUC

5:00 PM **Adjourn**

1:00 PM-3:30 PM **Staff Subcommittee on Energy Resources and the Environment** Renaissance West A/Ballroom South

1:00 PM **Energy Star's Midstream Focus**

It may be more effective program design to target large retailers for energy efficiency program initiatives. Retailers are known as "midstream" in the energy efficiency chain (ultimate customers are "downstream" and manufacturers are "upstream") "Effective" ultimately means getting more savings for the dollars spent. The program would recognize retailers as small in number covering a high percentage of consumer product sales and would influence the in-store shopping experience - what is in the store (stocking), how is it presented (signage, other marketing), and would potentially replace rebates. Small commercial energy efficiency programs may also make use of this delivery channel.

Moderator Wayne Hart - Policy Strategist, Idaho Public Utilities Commission

Panelists Parker Brugge - Sr. Director of Government Relations, Best Buy
Paul Campbell - Director-Sustainability/Green Leadership, Sears Holdings Corporation
Mike Cook - Sr. Manager: Utility and Government Rebate Programs, The Home Depot
Michael Lukasiewicz - Managing Partner, Navitas Partners
Hewan Tomlinson - Energy Star Program Manager, EPA

1:55 PM **Storage Stories - Renewables Integration and Water Heaters**

The electric sector has become very sensitive to the load shape of emerging utility requirements as increasing penetration of renewable energy creates challenging "ramping" issues for conventional generation in the morning and evening, when renewable energy supplies wax and wane. The United States has about 45 million electric water heaters in service, and residential hot water usage is concentrated in the morning and evening hours. Water heaters are excellent targets for load control, and more than 100 rural electric cooperatives already have simple load controls on electric water heaters. By shifting water heating load from morning and evening to mid-day and overnight, water heat energy requirements can be served more economically. By "supercharging" water heaters to higher temperatures, and using a blending valve to deliver normal hot water temperatures, a grid operator can harness the currently available but unused storage capacity within existing water heaters

and better position themselves to integrate renewable energy into the grid.
Jim Lazar - Senior Advisor, Regulatory Assistance Project

2:15 PM **Networking Break**

2:30 PM **Technologies Paving the Pathways to Smart Grid Benefits**

Four smart-grid experts will present up-to-date reports about innovative smart grid technologies that are proving their capabilities for producing benefits for the utility grid and customers. Topics include: distribution automation and smart distribution applications; measured impacts of early dynamic pricing programs and transaction based controls; integrating distributed generation, including the benefits that come from new smart inverter technologies; and reliability and resiliency improvements that are reducing customer damages. Each presentation includes guidance for regulators, describing approaches to ensure fairness while creating opportunities for both customers and service providers.

Moderator Cathy Cole - Advisor to the Chairman, Michigan Public Service Commission

Panelists Sharon Allen - President & CEO , Smart Grid Interoperability Panel
Allan Hefner - Member, NIST Smart Grid Team, National Institute of Standards and Technology
Ron Melton - Team Lead, Electricity Infrastructure Integration, Pacific Northwest National Laboratory
Joe Paladino - Senior Advisor, U.S. Department of Energy

3:35 PM **Cybersecurity**

3:35 PM **Demand Response and EPA's Clean Power Plan: Major Manufacturers Respond** (Ballroom South)
Joint with Staff Subcommittee on Electric Reliability

1:00 PM-4:00 PM **Committee on Consumer Affairs** Mount Vernon B

1:00 PM **Consumer Scams and How State PUCs Can Protect their Citizens**

Bad actors are constantly bombarding ratepayers/consumers with scams. The utility sector is a major focus of such scams and PUCs receive complaints on a regular basis. Many of these scams now target Green Dot cards used by consumers to pay utility bills. In addition, these scams often carried out over the phone in violation of the State and federal do-not-call rules. This panel will look at the major scams confronting consumers and the actions PUCs and their federal counterparts are taking or can take to protect ratepayers.

Moderator Hon. Brandon Presley - Chair, Committee on Consumer Affairs, Mississippi

Panelists James Taylor, Mississippi Public Service Commission
Wade Hardy - Section Manager Corporate Security, Consolidated Edison Co.
Ron Brooke - Division of Marketing Practices, Federal Trade Commission

2:15 PM **Networking Break**

2:25 PM **Rules Inhibiting Utility to Consumer Communications**

Electric utilities have increasingly turned to auto-dialing as a means of quickly informing their customers about outages and service restoration, energy usage, service calls, etc. A utilities' ability to contact customers in this manner has helped to improve compliance with PUC mandated quality of service metrics in many States. Still, although the Federal Communications Commission has in the past implied that utilities may use auto-dialing in this fashion without running afoul of the Telephone Consumer Protection Act's prohibitions against sending messages to cellular customers without permission even when a business relationship exists, it has not directly ruled on this matter. As a result, utilities are being sued by class action attorneys after having sent outage and other service related messages. Given the enormity of the potential penalties, some utilities are rethinking their communications strategies and may be unable to provide critical information to consumers on a timely basis if at all.

Moderator Hon., Jack Betkoski - Vice Chairman, Connecticut Public Utilities Regulatory Authority

Panelists Scott Blake Harris - Chairman, Harris, Wiltshire & Grannis LLP
Thomas O'Neill - Senior VP & General Counsel, Commonwealth Edison
Ira Rheingold - Director, National Association of Consumer Advocates

3:20 PM **Networking Break**

3:30 PM **Business Meeting**

3:40 PM **Consumer Solar Buying Guide - Hot Topic**

Speaker Claudette Reichel - Professor, Louisiana State University

4:00 PM **Polling Data: Consumer Knowledge about PUCs - Hot Topic**

John Ashford - Chairman, The Hawthorn Group

1:00 PM-5:00 PM **Committee on International Relations** Congressional Ballroom

1:00 PM **Welcome and Introductions**

Hon. Eric Callisto - Chair - IRC, Wisconsin PSC
Hon. Francisco Xavier Salazar Diez de Sollano - Co-Vice Chair, IRC, Energy Regulatory Commission of Mexico
Hon. Anne Hoskins - Co-Vice Chair, IRC, IRC- Maryland PSC

1:05 PM **Minutes/resolutions/other business**

Hon. Eric Callisto - Chair, IRC, Wisconsin PSC

1:10 PM **The South American Electricity Sector An Introduction**

An overview of the current status of electric generation, transmission and usage in South America, including an overview of sector regulation and regulatory needs.

Mr. Sergio Ballon - Energy Project Analyst, Inter-American Development Bank

2:00 PM **Terry Barnich Award presentation**

Join the Committee on International Relations as it announces the recipients of the highest honor it can bestow, the Terry Barnich Award for Promoting International Cooperation Among Utility Regulators and Development of Professional Regulation. The award is presented annually to commissioners or staff from state regulatory bodies or affiliated organizations and honors outstanding contributions to NARUC's international efforts. The award honors the memory of the former Chairman of the Illinois Commerce Commission (1989 to 1992), Terrence "Terry" Barnich, who was killed on Memorial Day, May 25th, 2009, while working as the Deputy Director of the State Department office overseeing U.S. reconstruction projects in Iraq. He was a dedicated public servant and an active NARUC member.

2:30 PM **Break**

2:45 PM **Die Energiewende: an update**

An update on the status of the closely watched energy sector restructuring in Germany. This is a follow-up to the presentation at the 2013 annual meeting.

Dr. Georg Maue - First Secretary Climate and Energy Policy, Embassy of the Federal Republic of Germany

3:30 PM **The Canadian Carbon Credit Conundrum**

Importing carbon-neutral electricity from Canada has been proposed as a way for states to meet carbon reduction goals set by the US Environmental Protection Agency 111d carbon regulation. This panel will examine several aspects of the issue, including whether imports should count at all and, if they do, what types of generation - hydro, wind, other - should be included.

Moderator Hon. Eric Callisto - Chair - IRC, Wisconsin PSC

Panelists Patrick Brown - Director, U.S. Affairs, Canadian Electricity Association
Kyle Aarons - Senior Fellow, The Center for Climate and Energy Solutions
John N. Moore - Senior Attorney - Sustainable FERC Project, Natural Resources Defense Council
Hon. Murray Doehler - Member, Nova Scotia Utility and Review Board

4:30 PM **NARUC reports an updates**

A report on NARUC's participation in the Power Africa initiative and an update on other NARUC international efforts

Ms. Bevan Flansburg - Deputy Director, International Programs, NARUC
Ms. Erin Hammel - Director, International Programs, NARUC

1:00 PM-5:00 PM **Staff Subcommittee on Gas** Mount Vernon A

1:00 PM **Welcome and Introductions**

Jack Keegan - Chair, Staff Subcommittee on Gas, Public Utilities Commission of Ohio

1:05 PM **'We Have Top Men Working on It': Advances in Distribution System Safety Research & Development**

Ron Edelstein with Gas Technologies Institute will discuss exciting new advances in distribution system safety research and development. The presentation highlights some of the latest technology development efforts for natural gas pipeline and distribution system safety and integrity. These new advances promise to make distribution systems even more safe and secure than they are today.

Ron Edelstein - Director of Regulatory and Government Affairs, Gas Technology Institute

1:30 PM **What Does the White House Say About the Consideration of GHG in NEPA Reviews?** (Ballroom South)

*Joint Meeting with Electric and ERE Staff Subcommittees
The White House's Guidance to agencies to consider GHG impacts in the National Environmental Protection Act (NEPA) reviews: How did we get here? What does it mean? Implications for FERC licensing of new infrastructure?

Moderator Kim Duffley - Acting Vice Chair Staff Subcommittee on Electricity, North Carolina Utilities Commission

Panelists Horst Greczmiel - Associate Director for NEPA Oversight, White House Council on Environmental Quality
Marc Spitzer - Attorney, Steptoe and Johnson

2:15 PM **Networking Break**

2:30 PM **A Room with a (Re)View: Quadrennial Energy Review and Modernizing Natural Gas Infrastructure**

Last year, President Obama issued a Presidential Memorandum directing the administration to conduct the first Quadrennial Energy Review (QER). Drawing from extensive stakeholder engagement plus Interagency discussion and analysis on key threats, risks, and opportunities, the QER provides a multiyear roadmap that outlines Federal energy policy objectives, legislative proposals to Congress, Executive actions, and other policy insights for the country. This first installment of the QER focuses on energy transmission, storage and distribution infrastructure, the networks that link energy supplies to intermediate and end users. During this presentation, Dr. James Bradbury with the Department of Energy will help shine light on this process and implications for the natural gas sector.

Dr. James Bradbury - Senior Policy Advisor for Climate, Environment and Efficiency, Office of Energy Policy and Systems Analysis, US Department

of Energy

3:05 PM **Overview of Natural Gas Markets and Sustainable Energy in America**

The Business Council for Sustainable Energy will be releasing a market report in February called the *Sustainable Energy in America Factbook.* This report promises to provide a detailed look at the State of U.S. energy and the role that a range of new technologies are playing in reshaping the industry. First published in January 2013, the Factbook is researched and produced by Bloomberg New Energy Finance and commissioned by BCSE. The *Factbook* is designed to provide industry professionals with up-to-date, accurate market intelligence.

During this brief overview, Ms. Ruth McCormick will explain how the *Factbook* takes the pulse of the wide range of clean energy industries including natural gas, renewable energy sources, distributed power, and energy efficiency.

Ruth McCormick - Director, Federal and State Affairs, Business Council for Sustainable Energy

3:15 PM **The First Step on the Road to Recovery: Analyzing FERC's Proposed Policy on Cost Recovery for Natural Gas Facilities Modernization**

As a result of regulatory reforms by the Pipeline and Hazardous Materials Safety Administration (PHMSA) as well as the Environmental Protection Agency (EPA), interstate pipelines likely will face new standards to both enhance the safety and reliability of their systems and comply with environmental monitoring and compliance obligations.

The proposed policy statement is meant to ensure that existing Commission ratemaking policies do not create barriers to the ability of pipelines to expedite needed or required upgrades and improvements. In addition to allowing recovery of modernization costs, FERC may consider capital costs to replace compressor facilities or make other improvements in response to increased federal or State environmental regulations as eligible for inclusion in the surcharge. In this presentation, Ms. Monique Watson from FERC will explain the implications this proposed policy statement can have on interstate pipeline companies.

Monique Watson - Deputy Director, Division of Pipeline Regulation, Office of Energy Market Regulation, FERC

3:45 PM **Networking Break**

4:00 PM **Judgment Day: Gas-Electric Coordination and Implications for Gas Generation**

This past November, the North American Energy Standards Board (NAESB) voluntarily submitted a report to FERC regarding the coordination of the scheduling processes of the interstate natural gas pipelines and public utilities (Docket No. RM14-2-000). With the electricity sector's growing dependence on natural gas as the "fuel of choice" for power generators, it is critical that the natural gas and electricity markets strive for greater harmony. Our panel

discussion will be led by Ms. Valerie Crockett, who serves as the current Chairman of the NAESB Board of Directors as well as previously co-chaired the 2012 effort to identify the gas-electric market harmonization (GEH) issues, and Ms. Marjorie Philips Director, RTO and Federal Services for Direct Energy -one of the nation's largest natural gas and electric suppliers. This panel promises to provide the committee with insights into NAESB's recommendations and the implications of the FERC's final order.

Speakers Valerie Crockett - Sr. Program Mgr, Regulatory and Policy, TVA-Environment &Energy Policy
Marjorie Rosenbluth Philips - Director, RTO and Federal Services, Direct Energy

1:00 PM-5:00 PM **Staff Subcommittees on Electricity and Electric Reliability** Ballroom South

1:00 PM **Welcome and Introduction**

Speakers Kim Jones - Chair Staff Subcommittee on Electricity, North Carolina Utilities Commission
Kim Duffley - Acting Vice-Chair Staff Subcommittee on Electricity, North Carolina Utilities Commission
Patricia Poli - Chair Staff Subcommittee on Electric Reliability, Michigan Public Service Commission

1:05 PM **FERC Update**

Speaker Jeffrey Dennis - Director, Division of Policy Development Office of Policy and Innovation, FERC

1:30 PM **What Does the White House Say About the Consideration of GHG in NEPA Reviews?**

Joint with the Staff Subcommittee on Gas

The White House's Guidance to agencies to consider GHG impacts in the National Environmental Protection Act (NEPA) reviews: How did we get here? What does it mean? Implications for FERC licensing of new infrastructure?

Moderator Kim Duffley - Acting Vice-Chair Staff Subcommittee on Electricity, North Carolina Utilities Commission

Panelists Horst Greczmiel - Associate Director for NEPA Oversight, White House Council on Environmental Quality
Marc Spitzer - Attorney at Law, Former FERC Commissioner, Steptoe & Johnson

2:30 PM **Networking Break**

2:45 PM **FERC Staff's Report on Demand Response and Advanced Metering**

Speaker Michael Lee - Energy Analyst, FERC

3:00 PM **'2014 Grid Modernization Index' and 'The Future of the Grid: Industry's Vision of the US Electric Grid in 2030'**

Speaker Becky Harrison - CEO, Gridwise Alliance

3:35 PM **Demand Response and EPA's Clean Power Plan: Major Manufacturers respond**

* Joint with Staff Subcommittee on Energy Resources and Environment*

Moderator Kimberly Jones - Chair Staff Subcommittee on Electricity, North Carolina Utilities Commission

Panelists Paul Cicio - President, Industrial Energy Consumers of America
Richard Notte - Director of Global Energy Services, Alcoa, Inc
Darren MacDonald - Director of Energy, Gerdau Ameristeel
Larry Stalica - Mgr. of Utilities and Regulatory Affairs, Linde, LLC
Bruce Ray - Director of Gov. and Regulatory Affairs, John Manville Corp
Susan Misconish - Commodity Mgr-Strategic Sourcing, Timken Steel

1:00 PM-5:00 PM	**Subcommittee and Staff Subcommittee on Pipeline Safety (closed)** The meeting is open for the Gas Innovations session from 2:30 - 3:30PM.	Meeting Room 15
1:00 PM-5:00 PM	**Subcommittee/Staff Subcommittee on Pipeline Safety (closed meeting)**	Meeting Room 15
3:00 PM-5:00 PM	**Task Force on Environmental Regulations & Generation (invitees only)**	Penn Quarter
[illegible]	[illegible]	[illegible]
3:45 PM-5:00 PM	**Washington Action**	Meeting Room 16
5:00 PM-6:30 PM	*Welcome Reception*	Renaissance Ballroom

Monday, February 16

[illegible]	[illegible]	Ballroom Foyer
9:30 AM-10:30 AM	**General Session**	Ballroom South

9:30 AM **2015 Winter Committee Meetings**

Join President Lisa Edgar as she kicks off the 2015 NARUC Winter Committee Meetings.
Remarks by: The Hon. Evan Bayh, Former Senator and Governor of Indiana, Co-Chair of Nuclear Matters

Remarks by: The Hon. Francisco Salazar, President, México Comisión Reguladora de Energía

10:30 AM-10:45 AM *Networking Break* Foyer

10:45 AM-11:45 AM **Committee on Critical Infrastructure** Ballroom North

10:45 AM **The 2014 National Emergency Communications Plan: A Plan for the Evolving Communications Landscape** (Ballroom North)

JOINT SESSION WITH COMMITTEE ON TELECOMMUNICATIONS

National assessments and after-action reports from large-scale incidents, such as the September 11th terrorist attacks and Hurricane Katrina, highlighted critical caps in the Nation's emergency communications capabilities. As a result, in 2008, the Department of Homeland Security's Office of Emergency Communications developed the National Emergency Communication Plan (NECP) to provide solutions and best practices to address emergency communications deficiencies. However, the first NECP focused primarily on public safety agencies and the use of Land Mobile Radio (LMR) communications systems. Since the release of that plan, the landscape of emergency communications has evolved significantly to include the use of IP-based technologies (e.g., text-to-911 and video streaming). In addition, policy and doctrinal changes have led to the adoption of the "whole community" approach to emergency response leading to a broader range of partners, such as public health, medical, and transportation agencies, as well as all critical infrastructure sectors. As result, OEC recently conducted the first comprehensive update to the NECP to reflect this new, dynamic emergency response environment. The 2014 NECP provides critical information and guidance to those that plan for, coordinate, invest in, and use communications to support response and recovery operations. Building on the framework established by the first plan, the update NECP continues to drive improvements on key communications capabilities, as well as guide investments to keep pace with the evolving communications landscape. This session will provide an overview of the 2014 NECP and demonstrate the importance of the "whole community" approach to emergency response and recovery.

Ron Hewitt - Admiral, Department of Homeland Security

10:45 AM-4:00 PM **Staff Subcommittee on Law** Meeting Room 6

10:45 AM-5:15 PM **Committee on Electricity** Ballroom Central

10:45 AM **Nuclear Issues - Waste Disposal Subcommittee**

Update from Southern Company and Georgia Public Service Commission regarding Vogtle Nuclear Plant construction.

Speakers Hon. Lauren "Bubba" McDonald - Commissioner, Georgia
Buzz Miller - President of Nuclear Development, Southern Nuclear

11:10 AM **Nuclear Issues - Waste Disposal Subcommittee**

Bipartisan Policy Center will discuss the Nuclear Waste Project.

Moderator Hon. Greg White - Commissioner, Michigan

Panelists Timothy Frazier - Director, Nuclear Waste Initiative, Bipartisan Policy Center
David Wright - President, Wright Solutions
Phil Sharp (Invited) - President, Resources for the Future

11:45 AM **Lunch Break**

1:00 PM **The Evolving Grid**

The panel will look at the evolving grid from three perspectives: utility, technology company, and regulator.

Moderator Electricity Committee Chair

Panelists Lisa Wood - Executive Director, Institute for Electric Innovation
Lloyd Yates - Duke Energy Corp. Executive VP of Market Solutions and President, Carolinas
Mei Shibata - Co-founder, ThinkEco and CEO, The Energy Agency
Hon. Michael Champley - Commissioner, Hawaii Public Utilities Commission

1:50 PM **EPRI releases Phases II and III of 'The Integrated Grid'**

EPRI President and CEO Michael Howard will release 'The Integrated Grid, Phases II and III: A Benefit-Cost Framework and Technology Pilot Projects.' The Framework is a comprehensive methodology outlining a transparent, repeatable, and consistent approach to integrate distributed energy resources on the electric power system. The pilots will enable a better understanding of the Framework's technical applications and identify potential technology gaps.

Speaker Michael Howard - President and CEO, EPRI

2:15 PM **Break**

2:30 PM **Business Meeting**

Welcome and Introductions

- Electricity Committee Chair
- Hon. Ed Finley - Electricity Committee Co-Vice Chair, North Carolina
- Hon. Libby Jacobs - Electricity Committee Co-Vice Chair, Iowa

Committee Reports

- Hon. Greg White - Subcommittee on Nuclear Issues/Waste Disposal Chair, Michigan
- Hon. Brian Kalk - Subcommittee on Clean Coal Chair, North Dakota

Oral Reports

- Chris Mele - Legislative Director, Energy, Washington Update, NARUC

- Holly Rachel Smith - Asst. General Counsel, Washington Update, NARUC
- Miles Keogh - Director of Grants and Research, NARUC
- Rishi Garg - General Counsel & Principal Researcher, NRRI
- Joseph Giove III - Director of Division of Large Carbon Management Projects - DOE
- Karen Wayland - Deputy Director, Office of Energy Policy and Systems Analysis - DOE

Resolutions

3:45 PM **Break**

4:00 PM **Implications of EPA's Clean Power Plan proposal on Electric Grid Reliability**

Joint session with Committee on Gas

By now, States are very familiar with and are advocating either State-specific and or regional positions associated with the U.S. EPA's proposed Clean Power Plan (111(d)). A piece of the puzzle that is missing from most States' analyses though is whether the Clean Power Plan will impact grid reliability. Fortunately, NERC and our RTOs/ISOs are exploring this issue and can provide State regulators with informed, technical guidance. Will the Clean Power Plan impact grid reliability and should States be concerned? Are the building blocks and associated goals technically feasible? Do we have enough pipeline infrastructure to support the desired increase in NGCC plant dispatch? Can we seamlessly integrate the rule's desired amount of renewables into the grid? Will reliability be impacted when coal retirements accelerate as a result of this rule? Come find out the answer to this and many other reliability based questions regarding the Clean Power Plan.

Moderator Hon. Asim Haque - Commissioner, Ohio

Panelists Gerry Cauley - President and CEO, NERC
Clair Moeller - COO, MISO
Mike Kormos - Executive VP, PJM
Jim Robb - CEO, WECC

10:45 AM-5:15 PM **Committee on Energy Resources and the Environment** Renaissance East

10:45 AM **What's New in Renewable Energy Finance?**

According to Bloomberg New Energy Finance, the continuing surge in demand for solar systems over the next decade in the United States will require $62 billion in new financing. As the market for solar and other new energy technologies continues to grow, new sources of public capital will be needed to finance these projects. Securitization and crowd financing are two sources of capital whose potential is only beginning to be tapped. The SEC has proposed new crowd-financing rules and several States have passed laws that will enable crowd-financing to be used to raise equity for a variety of purposes, including renewable resources. At this session, regulators will learn how securitization, crowd financing and other innovative financing alternatives can be applied to a broad range of projects including energy efficiency, renewable energy, distributed generation and community solar.

Moderator Hon. Kelly Speakes-Backman - Commissioner, Maryland

Panelists Jigar Shah - President, Generate Capital Inc
John Stanton - Vice President, Policy and Electricity Markets, SolarCity
James Tong - Vice President of Strategy and Government Affairs, Clean Power Finance

1:00 PM **Its Not Easy Being Green: Removing Barriers to Corporate Clean Energy Goals**

According to the World Wildlife Fund's Power Forward Report, sixty percent of the largest U.S. businesses have set public climate and energy goals to increase their use of renewable energy. Companies are setting these goals because reducing energy use and using renewable energy have become core elements of business and sustainability strategies. Businesses are actively and successfully adding renewable energy to their facilities and increasingly entering into contracts to buy or invest in offsite renewable energy. Even though cost-effective project opportunities exist, with billions of kilowatt hours still needed to meet their renewable energy goals, businesses face a variety of challenges accessing cost-effective projects on favorable terms. Most recently, nineteen of the country's largest corporations published a set of principles that frame the challenges and common needs they face when seeking to obtain large amounts of renewable energy. This panel will explore ways in which large commercial and industrial customers can acquire renewable electric energy today, and what regulatory considerations or changes can be adopted to expand their access to clean energy.

Moderator Hon. Nancy Lange - Commissioner, Minnesota

Panelists Thomas Maclean - Manager, Customer Renewable Energy Programs, Puget Sound Energy
Kirk Myers - Manager, Sustainability, REI
Marty Spitzer - Director, US Climate and Renewable Energy Policy, World Wildlife Fund
Jim Stanway - Data Center Energy Manager , Facebook

2:15 PM **Networking Break**

2:30 PM **The Eye of the Beholder: Compliance Approaches to 111(d)**

Now that the comments are submitted on the U.S. EPA's Clean Power Rule, it's time to start looking at the decisions States will have to wrestle with as they plan to implement the regulation. Panelists will bring their perspective to the various elements of the rule, building block by building block, as part of a discussion on how States can best start structuring their own implementation plans. What are the benefits of regional versus isolationist strategies? What role can nuclear play? How about the rate versus mass targets decision. Industry and regulatory experts will lead a discussion that gets into the on-the-ground decision making.

Moderator Hon. Pamela Witmer - Commissioner, Pennsylvania

Panelists Hon. David Littell - Commissioner, Maine
Hon. Asim Haque - Commissioner , Ohio
Steve Corneli - Senior VP, Policy and Strategy, NRG Energy, Inc

3:45 PM **Networking Break**

4:00 PM **Renewable Energy Tracking Systems: a Key Compliance Pathway to EPAs Clean Power Plan**

Renewable energy is one of the four main building blocks outlined in the EPA's Clean Power Plan, and promises to be a significant part of State efforts to control electric sector carbon emissions. Existing renewable energy certificate (REC) tracking systems, together with State policies designed to increase the production and use of renewable electricity, will prove to be a major pathway for States to reduce the carbon intensity of their power sector. State regulators are key and have broad authority to develop the policies and requirements that are needed to tap the full potential of existing REC tracking systems to support State compliance efforts. This panel will explore how these systems work nationwide and how established protocols for managing REC tracing can ensure the ability of every State to use renewable energy as part of its compliance with federal carbon standards

Moderator Hon. Ellen Nowak - Commissioner, Wisconsin

Panelists David Farnsworth - Senior Associate, Regulatory Assistance Project
Amy Fredregill - Executive Director, Midwest Renewable Energy Tracking System
Jennifer Martin - Executive Director, Center for Resource Solutions

10:45 AM-5:15 PM **Committee on Gas** Congressional Ballroom

10:45 AM **Polar What? 2014-15 Natural Gas Markets Current Supply and Winter Heating Season Report**

What could trump the vortex-related events of the first quarter of 2014 in energy markets? Drastic changes in energy commodity prices; natural gas consumption levels exceeding January 2014; leveling of storage deficits; or continued increases in domestic production? Actually, all occurred since one year ago to begin 2015. This presentation will examine key market conditions in the wake of last year's temperature and weather induced first quarter natural gas market records and how we find the supply-demand balance, today.

Chris McGill - Vice President, Policy Analysis, AGA

1:00 PM **Post 111 (d) Are we ready to meet natural gas demand (supply & infrastructure) for power generation**

EPA's proposed 111 (d) regulations call for a rapid shift toward significant use of wind, solar and natural gas for electricity generation in America. This redesign of the nation's electric generation system requires major

investments in infrastructure and new supply chains to facilitate natural gas generation. This panel will review the gas supply outlook; the status of gas transmission and distribution infrastructure; and the possibilities of new products, services and technologies such as Combined Heat and Power to help utilities and regulators comply with environmental rules and maintain reliability.

Moderator Hon. Julie Fedorchak - Chairman, North Dakota Public Service Commission

Panelists Bruce Hedman - Technical Director, Institute for Industrial Productivity
Nick Wagner - Commissioner, Iowa Utilities Board
Amy Farrell - Vice President of Market Development, ANGA

2:15 PM **Networking Break**

2:30 PM **CEO Panel**

Moderator Hon. Chairman Stan Wise - Commissioner, Georgia

Panelists Marty Durbin - CEO, ANGA
Dena Wiggins - CEO, NGSA
Don Santa - CEO, INGAA
Terry McCallister - Chairman of the Board and Chief Executive Officer of WGL Holdings Inc., and Washington Gas and AGA Board Chairman
David Carroll - President and CEO, GTI

3:45 PM **Networking Break**

4:00 PM **Implications of EPA's Clean Power Plan proposal on Electric Grid Reliability**(Ballroom Central)

*Joint Session with Electricity Committee
By now, States are very familiar with and are advocating State-specific and regional positions associated with the US EPA's proposed Clean Power Plan (111(d)). A piece of the puzzle that is missing from most States' analyses though is whether the Clean Power Plan will impact grid reliability. Fortunately, NERC and our RTOs/ISOs are exploring this issue and can provide State regulators with informed, technical guidance. Will the Clean Power Plan impact grid reliability and should States be concerned? Are the building blocks and associated goals technically feasible? Do we have enough pipeline infrastructure to support the desired increase in NGCC plant dispatch? Can we seamlessly integrate the rule's desired amount of renewables into the grid? Will reliability be impacted when coal retirements accelerate as a result of this rule? Come find out the answer to this and many other reliability based questions regarding the Clean Power Plan.

Moderator Hon. Asim Z. Haque - Commissioner, Ohio

Panelists Paul Sotkiewicz - Chief Economist, Market Services Division, PJM
Jim Rob - CEO, WECC
Clair Moeller - COO, MISO
Gerry Cauley - President and CEO, NERC

10:45 AM-5:15 PM **Committee on Telecommunications** Ballroom North

10:45 AM **The 2014 National Emergency Communications Plan: A Plan for the Evolving Communications Landscape**

Joint with the Committee on Critical Infrastructure National assessments and after-action reports from large-scale incidents, such as the September 11th terrorist attacks and Hurricane Katrina, highlighted critical caps in the Nation's emergency communications capabilities. As a result, in 2008, the Department of Homeland Security's Office of Emergency Communications developed the National Emergency Communication Plan (NECP) to provide solutions and best practices to address emergency communications deficiencies. However, the first NECP focused primarily on public safety agencies and the use of Land Mobile Radio (LMR) communications systems. Since the release of that plan, the landscape of emergency communications has evolved significantly to include the use of IP-based technologies (e.g., text-to-911 and video streaming). In addition, policy and doctrinal changes have led to the adoption of the "whole community" approach to emergency response leading to a broader range of partners, such as public health, medical, and transportation agencies, as well as all critical infrastructure sectors. As result, OEC recently conducted the first comprehensive update to the NECP to reflect this new, dynamic emergency response environment. The 2014 NECP provides critical information and guidance to those that plan for, coordinate, invest in, and use communications to support response and recovery operations. Building on the framework established by the first plan, the update NECP continues to drive improvements on key communications capabilities, as well as guide investments to keep pace with the evolving communications landscape. This session will provide an overview of the 2014 NECP and demonstrate the importance of the "whole community" approach to emergency response and recovery.

Ron Hewitt - Admiral, Department of Homeland Security

1:00 PM **Reaching Emergency Personnel When Dialing 911 Using Multi-line Telephone Systems - Does it always work?**

The tragic death of Kari Rene Hunt Dunn in a Marshall, Texas hotel room in December, 2013, that occurred while her nine-year old daughter made multiple unsuccessful attempts to reach 911 because she did not know that she must dial an "extra" 9 to get an outside line before simply dialing 911, has spurred an active campaign to address the problem where multi-line telephone systems require additional digit dialing to reach 911 emergency personnel. Federal Communications Commission Member Ajit Pai has spent the last year leading an effort with the hotel-motel industry, vendors of multi-line telephone systems and members of the public to address the issue and find solutions. This esteemed panel of tireless public safety advocates will present an overview and examples of why there is a problem with multi-line telephone system dialing for 911, discuss how the issue can be solved, outline the progress that has been made in the past year and discuss

what more can and needs to be done. Through the outreach and awareness provided in this panel discussion, State commissions will be able to better assess the situation in their own States and whether there are necessary changes that should be made to laws, rules and enforcement mechanisms to assure that all citizens can reach emergency services by dialing 911 whether in their home, hotel, schools or buildings.

Moderator Hon. Philip Jones - Commissioner, Washington

Panelists Hon. Ajit Pai - Commissioner, FCC
Rear Admiral, USN (ret) David G. Simpson - Bureau Chief, FCC Public Safety & Homeland Security Bureau
Mark J. Fletcher, ENP - Chief Architect - Public Safety Solutions, Avaya

2:30 PM **CAF II: And The Wheels Keep On Turning**

In its ongoing effort to modernize Universal Service, the FCC issued its Report and Order in WC Docket No. 10-90 on December 18, 2014 (CAF II). A panel comprised of representatives of the FCC and the industry sectors affected will provide their diverse takes on the changes made effective by CAF II, whether the changes are net positive or net negative, how the CAF II mechanism will work, what options are available for areas not eligible for CAF funding, how the auction process will work and other related and important issues.

Moderator Hon. Sheila K.Tipton - Commissioner, Iowa

Panelists Carol Mattey - Deputy Chief, Wireline Competition Bureau, FCC
Kathleen Q. Abernathy - Executive Vice President, External Affairs, Frontier Communications
Dusty Johnson - Director of Consulting, Vantage Point Solutions
Jeff Reynolds - Principal, Reynolds Schultheis Economic Consulting, Inc.
Joel Lubin - Vice President, Public Policy, AT&T Services, Inc.
Curt Stamp - Director - Regulatory Affairs OK/KS/AR, Cox Communications

4:00 PM **Shirley Bloomfield, NTCA**

4:30 PM **Public Comment Time for Committee on Telecommunications Resolutions**

Hon. Chris Nelson - Chairman, South Dakota

10:45 AM-5:15 PM **Committee on Water** Renaissance West A

10:45 AM **Water Re-Use and Opportunities for Public-Private Partnerships**

Public-private partnerships leverage the best practices and unique strengths of local governments and private companies to meet the growing challenges of capital investment, environmental protection, and sustainability. Communities across the country have turned to these partnerships to address

these challenges, and this panel will explore programs that have taken unique approaches to financing and water reuse.

Mark Strauss - Sr. V.P. Corproate Strategy and Business Development, American Water
Robert Iacullo - Executive Vice President, United Water

1:00 PM **Water Planning in the Colorado River Basin**

Drought, the ultimate supply issue. The Colorado River and the national and international demands placed on it is a case study for managing uses with a dwindling supply.

Moderator Don Lomoljo - Hearing Officer, Public Utilities Commission of Nevada

Panelists Robert Snow - Attorney-Advisor, U.S. Department of Interior, Office of the Solicitor
Ann C. Pongracz - Special Counsel, Colorado River Commission of Nevada

2:30 PM **Responding to Anti-Privatization Groups**

For many years, groups opposed to water privatization and the delivery of water services through public-private partnerships have voiced their concerns in various forums. This session will discuss recent experiences with such groups.

Moderator Hon. Sherina Maye - Commissioner, Illinois Commerce Commissioin

Panelists Michael Deane - Executive Director, National Association of Water Companies
John Hoy - President, Utiities, Inc of Florida, Utilities, Inc.
Eric Thornburg - President and CEO, Connecticut Water

4:00 PM **Business Meeting**

Items of Business of the Water Committee will be covered including discussion and action on Resolutions and approval of the minutes from the Annual Meeting. Additionally, updates from the various partners of the Water Committee will be given, including NAWC, NARUC, WRF, NRRI, and NARUC's Rate School. Members of the Committee will also have time to brief the Committee on activities of interest in their state.

11:45 AM-1:00 PM	**Committee Chairs Meeting (Invitees only)**	Meeting Room 3
11:45 AM-1:00 PM	**OPSI Meeting (invitees only)**	Meeting Room 16
11:45 AM-1:00 PM	**Staff Subcommittee Chairs and NARUC Staff Meeting (invitees only)**	Meeting Room 4
2:15 PM-2:30 PM	*Networking Break*	
3:45 PM-4:00 PM	*Networking Break*	
5:15 PM-6:00 PM	**MACRUC region Meeting**	Meeting Room 4
5:15 PM-6:00 PM	**MARC Region Meeting**	Meeting Room 2

5:15 PM-6:00 PM	**NECPUC Region Meeting**	Meeting Room 5
5:15 PM-6:00 PM	**Western Region Meeting**	Meeting Room 3
5:15 PM-6:15 PM	**SEARUC Regional Meeting**	Meeting Room 6

Tuesday, February 17

8:00 AM-5:00 PM	*Registration*	
8:30 AM-10:15 AM	**General Session - NEW START TIME**	Ballroom South

The General Session will feature:

- Secretary of Energy, *The Hon. Ernest Moniz*
- FCC Chairman, *The Hon. Tom Wheeler*
- EPA Administrator, *The Hon. Gina McCarthy*

Get there early as seats will fill up!

9:00 AM-5:00 PM **Committee on Critical Infrastructure**

1:15 PM **Water & Wastewater Systems Resilience: Preparing for Extended, Wide-Area Power Outages** (Ballroom South)

JOINT SESSION WITH COMMITTEE ON WATER (Ballroom South)

This session will discuss "black sky day" events and widespread failure of water or wastewater systems resulting in mass migration issues. Discussion will include the availability of generators, distribution of generators, fuel availability. Information from a current study with input from industry and federal partners will be shared.

Moderator Hon. Pam Witmer - Commissioner, Pennsylvania Public Utility Commission

Panelists Dr. Paul Stockton - Managing Director, Sonecon
Nicholas Santillo, Jr. - Director, Operations Security, American Water Company
Hon. Mary-Anna Holden - Commissioner, New Jersey Board of Public Utilities
Heather King (invited) - Director for Preparedness Policy, National Security Council Staff

4:00 PM **Enhancing Emergency Preparedness for Natural Disasters** (Congressional Ballroom)

JOINT SESSION WITH COMMITTEE ON GAS (note change to Congressional Ballroom for this session)

[see Committee on Gas Agenda]

10:15 AM-10:30 AM	*Networking Break*	
10:30 AM-2:45 PM	**Committee on Energy Resources and the Environment**	Renaissance East

10:30 AM **Business Meeting**

Welcome and Introductions

*Hon. Robert Kenney -Chair, NARUC Committee on Energy Resources and the Environment, Missouri Public Service Commission
*Hon. James Gardner -Co-Vice Chair, NARUC Committee on Energy Resources and the Environment, Kentucky Public Service Commission
*Hon. Kelly Speakes-Backman -Co-Vice Chair, NARUC Committee on Energy Resources and the Environment, Maryland Public Service Commission

Reports
*Washington Report, Holly Rachel Smith, Chris Mele, NARUC
*Grants and Research, Miles Keogh, NARUC
*Barbara Tyran, EPRI
*Tom Stanton, NRRI
*Robert Kenney, CCIF
*Ron Edelstein, GTI
*Karen Wayland, DOE on Quadrennial Energy Review
Resolutions

1:15 PM **Energy Efficiency and Demand Response: Important Tools for Complying with EPA's Clean Power Plan**

Energy efficiency and demand response have enormous potential to lower energy costs and reduce greenhouse gas (GHG) emissions. The U.S. EPA's Clean Power Plan (CPP) enshrines energy efficiency as one of the four main building blocks that States can utilize to achieve their GHG reduction targets, but the rule does not specifically include demand response (DR) as a compliance option. Further complicating matters, State efforts to develop and implement DR programs have gained greater urgency in the wake of the court's decision to overturn FERC's demand response rule, Order No. 745. Although many States are already implementing innovative energy efficiency programs, energy savings resulting from these measures are projected, estimated, reported, and audited using a variety of approaches, while the picture on state-level DR programs is even less clear, particularly in regions that are served by RTOs. Given the multiple ways in which States approach and implement energy efficiency programs and could approach DR, a registry that can reliably track both efficiency and demand response could help to consolidate these varied efforts and demonstrate compliance and real emissions reductions. This session will explore how States could use a registry to enable and expand energy efficiency and DR programs across the U.S., pave the way for more financing of these kinds of projects, and underpin State compliance under the CPP by providing a transparent platform for documenting, measuring and reporting associated GHG savings.

Moderator Hon. Doug Scott - Commissioner Emeritus, Illinois

Panelists Katherine Hamilton - Policy Director, Energy Storage Association
Steve Nadel - Executive Director, ACEEE
David Rosenheim - Executive Director, The Climate Registry

2:45 PM **Combining Efficiencies to be Doubly Efficient**

Utility regulation often requires a different set of rules, standards and expectations for each separate type of utility. One does not use the same calculations for small water utility rate making as they would to determine cost recovery for accelerated natural gas pipeline replacement. While individualized utility regulation is crucial to effectively regulating the state's utilities, this separation of regulation leaves a glaring hole in energy efficiency. This panel discusses how to leverage electric and natural gas efficiency programs provided by separate utilities to get better results, and how Commissions can help facilitate the cooperative effort to link efficiency programs, education, and outreach among different regulated utilities.

Moderator Hon. Jim Gardner - Commissioner, Kentucky

Panelists Hon. Ann McCabe - Commissioner, Illinois Commerce Commission
Lewis Binswanger - Vice President, Regulatory Affairs , Nicor Gas
George Malek - Director of Energy Efficiency, ComEd

4:00 PM **The Future of the Grid: Getting to 2030 and Beyond**

There is general agreement that the electric grid must evolve to meet the nation's economic, national security, and lifestyle demands, although there are many visions and possible paths by which this evolution can occur. This session will explore key efforts to articulate this vision, and the need to develop a holistic approach to examine changes that will be needed to the utility business, regulatory models and consumer engagement. Panelists will discuss the practical steps, best practices, policy changes and metrics to drive the progress in grid modernization.

Moderator Hon. Lorraine Akiba - Commissioner, Public Utilities Commission of Hawaii

Panelists Sunil Cherian - CEO, Spirae
Becky Harrison - CEO, GridWise
Ross Hemphill - VP, Regulatory Policy &Strategy, ComEd
Mike Howard - CEO, EPRI
Stu Nachmias - VP, Energy Policy and Regulatory Affairs, Con Edison of New York

10:30 AM-5:15 PM **Committee on Electricity** Ballroom Central

10:30 AM **You're Still Not Sure Global Warming is Real?**

Many news reports state that nearly 97% of climate scientists agree that manmade greenhouse gases are changing the world's climate. Despite this, it isn't difficult to find stakeholder organizations providing seemingly contradictory information about climate change and whether it is happening

at all. Although NARUC members are economic regulators, recent federal initiatives to further reduce greenhouse gas emissions from power plants are placing this issue on our desks. With these rulemakings bringing new kinds of influence into State utility decision making, this seems like a good time to hear from the experts. We've invited two scientists to explain the latest scientific thinking about climate change and to answer the hardest questions we could put to them.

Moderator Dr. Rajnish Barua - Executive Director, NRRI

Panelists Dr. Joe Casola - Staff Scientist and Program Dir. Sciences &Impacts, Center for Climate and Energy Solutions
Dr. Judith Curry - Professor, School of Earth and Atmospheric Sciences, GIT, and President, Climate Forecast Appl. Networks

11:45 AM **Lunch Break**

1:15 PM **Sounds and Visions: A State Talk About the Clean Power Plan**

Against a backdrop of graphically displayed facts and figures from a survey of all State Utility Commission comments on the Clean Power Plan, 6-7 State commissioners will participate in a moderated discussion of issues raised by States. The session will close with reaction to the issues raised from Federal officials with a nod towards forging a path of working together.

Moderator: Jennifer Macedonia, Senior Advisor, Bipartisan Policy Center

Federal Panelists:Hon. Philip Moeller-Commissioner, FERC
Janet McCabe-Acting Assistant Administrator, US EPA
State Panelists: Hon. Kelly Speakes-Backman-Commissioner, Maryland
Hon. Ellen Nowak-Commissioner, Wisconsin
Hon. Carla Peterman-Commissioner, California
Hon. Alan Minier-Commissioner, Wyoming
Hon. Ted Thomas-Commissioner, Arkansas
Hon. Kenneth Anderson, Jr.-Commissioner, Texas
Research Panelists: Holly Rachel Smith-Assistant General Counsel, NARUC
Rishi Garg-General Counsel & Principal Researcher, NRRI

2:45 PM **Sounds and Visions: A State Talk About the Clean Power Plan, CONTINUED**

3:45 PM **Break**

4:00 PM **Rail Transportation Problems in the Midwest**

Across the Midwest, rail transportation issues surrounding the delivery of coal, propane, agricultural products, and petroleum have started to plague shippers, suppliers, utilities and customers. Panelists will discuss the challenges surrounding how to keep oil moving and coal plants operating, while at the same time transporting other products and goods in a timely manner. In addition, panelists will explain the significance of the US Surface Transportation Board's December 30th decision requiring BNSF to 'provide specific information' regarding the railroad's coal service contingency planning, and requiring coal stakeholders to submit status reports.

Moderator Hon. Libby Jacobs - Chair, Iowa

Panelists John Carr - VP Strategic Planning, Dairyland Power
Deb Miller - Acting Chair, US Surface Transportation Board
Amy Hawkins - VP Government Affairs, Burlington Northern
Kari Cutting - Vice President, North Dakota Petroleum Council

10:30 AM-5:15 PM **Committee on Gas** Congressional Ballroom

10:15 AM **Networking Break**

10:30 AM **Methane Emissions: Is Regulation Necessary; If So, by Whom?**

The Environmental Protection Agency is proposing new rules aimed at reducing methane emissions from the oil and gas sectors. Is it necessary to regulate methane emissions as a pollutant through EPA or can the same objectives be achieved under PHMSA safety regulations? Moreover, recent studies on methane leakage from pipeline systems have some organizations calling on utilities and their regulators to expedite pipeline replacement programs. But is the attention on methane coming at the expense of pipeline safety? How will the Administration's climate initiatives impact efforts to improve the safety of the pipeline system?

How closely are the EPA and the Pipeline and Hazardous Materials Safety Administration working together on these issues? Are the regulations necessary in the first place and can the same objectives be accomplished through PHMSA and not the EPA? This panel will address these issues and how they are impacting consumers, the environment, and safety.

Moderator Hon. Paul Roberti - Commissioner, Rhode Island

Panelists Jeffrey D. Wiese - Associate Administrator, Pipeline and Hazardous Materials Safety Administration
Louis Finkel - Executive Vice President, American Petroleum Institute
Theresa Pugh - Vice President, INGAA
Mark Brownstein - Associate Vice President, Environmental Defense Fund
Ralph LaRossa - President and Chief Operating Officer, Public Service Electric & Gas Company

1:15 PM **Business Meeting**

2:30 PM **Networking Break**

2:45 PM **Modernizing Natural Gas Infrastructure; Insights from The First Quadrennial Energy Review**

Energy infrastructure and related services enable the U.S. to achieve key policy priorities, including economic productivity, environmental protection and national security. This is why the President directed this Administration to develop the first Quadrennial Energy Review (QER), which will provide a multiyear roadmap that outlines Federal energy policy objectives, legislative proposals to Congress, Executive actions, an agenda for RD&D programs and funding, and financing and incentive programs. Building on extensive stakeholder engagement and over a dozen public meetings around the country, the first installment of the QER focuses on energy transmission, storage and distribution infrastructure, the networks that link energy supplies to intermediate and end users. This discussion will offer State utility regulators, consumers, and other stakeholders an account of findings of the QER.

Moderator Hon. Diane Burman - Commissioner, New York

Panelist William F. Hederman - Deputy Director for Systems Integration and Senior Advisor to Secretary Ernie Moniz, U.S. Department Of Energy

3:45 PM **Networking Break**

4:00 PM **Enhancing Emergency Preparedness for Natural Disasters**

JOINT SESSION WITH COMMITTEE ON CRITICAL INFRASTRUCTURE

Enhancing Emergency Preparedness for Natural Disasters is the National Petroleum Council's (NPC) response to a request from Energy Secretary Moniz for advice about natural gas and oil infrastructure resilience (emergency preparedness). The report presents recommendations for the U.S. government and industry to improve communication and coordination in responding to energy system disruptions during natural disasters. The purpose of the NPC is solely to advise, inform, and make recommendations to the Secretary of Energy on any matter requested by the Secretary relating to oil and natural gas or the oil and gas industries. Dr. Paula Gant, Deputy Assistant Secretary for Oil and Natural Gas, DOE, and Ms. Peggy Montana, CEO and President, Shell Midstream Partners, LP, will present the report's key findings and recommendations.

Moderators Hon. Swain Whitfield - Commissioner, South Carolina
Hon. Carolene Mays-Medley - Commissioner, Indiana

Panelists Dr. Paula Grant - Deputy Assistant Secretary, Office of Oil and Natural Gas, Department of Energy
Peggy Montana - CEO and President, Shell Midstream Partners, LP

10:30 AM-5:15 PM **Committee on Telecommunications** Ballroom North

10:30 AM **Used and Usefull the Cutting Edge of Technology?**

What's next. Where will we find the next technological innovation made possible by broadband connectivity? What are the key players in the industry working on and how will these new products benefit the average consumer? Will they be necessary, useful and affordable?

Moderator Hon. Paul Kjellander - President, Idaho

Panelists Hany Fahmy - Assistant Vice President, at&t
Thomas Wlodkowski - VP - Accessibility Technology & Product Development, Comcast
Travis Mason, Google
Jennifer Richter - Partner, Akin Gump (Small UAV Coalition)
Paul Vassington - Director, State Public Policy, Verizon
John Kuzin - Senior Director, Govt. Afairs, Qualcomm

1:15 PM **Committee on Telecommunications Business Meeting**

Hon. Chris Nelson - Chairman, South Dakota

2:45 PM **A View From the Hill: Congressional Staff**

Moderator Hon. Travis Kavulla - Commissioner, Montana

Panelists Greg Orlando - Republican Counsel, Sen. Commerce Committee - Republican Staff
Chris Day - Deputy Staff Director, Sen. Commerce Committee - Democratic Staff
Kelsey Guyselman - Counsel, House Energy & Commerce Committee - Republican Staff
Philip Murphy - Legislative Assistant, Rep. Mike Doyle (D-PA)

4:00 PM **Spectrum, Spectrum Everywhere Who Needs It & Why?**

This session will provide an educational presentation of the communications needs of utilities and critical infrastructure industries. What are the public and private communications networks and services used to provide advance metering infrastructure, distribution automation and security functions for electric, gas, and water utilities? Is there a spectrum shortage for such communications networks and services, now or in the future? What is the FCC's priority for addressing spectrum needs for utilities and critical infrastructure industries? What's the difference between using licensed and unlicensed spectrum for utilities' communications needs? Is the secondary market for spectrum sales or spectrum auctions by the FCC the answer? What is the role of the States in this endeavor?

Moderator Hon. Betty Ann Kane - Chairman, District of Columbia

Panelists Matt Wakefield - Director, Information, Communication and Cyber Security , Electric Power Research Institute
Charles Kiely - Assistant General Manager, Customer Care & Operations, DC Water & Sewer Authority
Jeffrey H. Katz - Lead Senior Consultant, Enterprise Wireless Compliance Advisor, PSEG Services Corporation
David Hudgins - Director, Member and External Relations , Old Dominion Electric Cooperative
Stacey Black - Asst. Vice President, External Affairs, AT&T
Kathy Nelson - Principle Telecommunications Engineer, Great River Energy

10:30 AM-5:15 PM **Committee on Water** Renaissance West A

10:30 AM **Effective Use of Social Media for Customer Engagement**

Social media platforms have proven effective in providing immediate, two-way communications between customers, regulators, and utilities. Social channels are valuable tools for customer education and are increasingly being used for outage notification and outreach during critical events. This panel will examine how these channels are being used by leading water utilities to engage their customers and provide some observations and tips from Twitter directly.

Moderator Hon. Catherine Sandoval - Commissioner, California Public Utilities Commission

Panelists Maureen Duffy - Vice President of Corporate Communications & External Affairs, American Water
Gretchen Toner - Manager, Strategic Communications, Aqua America
Tom Hubbard - Manager of Communications and Community Relations, United Water
Sean Evins - Partnerships Manager, Government and Elections Team, Twitter, Inc.

1:15 PM **Water & Wastwater Sytems Resilence: Preparing for Extended, Wide-Area Power Outages**

(Joint Session with Committee on Critial Infrastructure)

This session will discuss "black sky day" events and widespread failure of water or wastewater systems resulting in mass mitigation issues. Discussion will include the availibilty of generators, distribution of generators, fuel availability. Information from a current study with input from industry and federal partners will be shared.

Moderator Hon. Pamela Witmer - Commissioner, Pennsylvania

Panelists Hon. Mary-Anna Holden - Commissioner, New Jersey
Dr. Paul Stockton - Managing Director, Sonecon
Nicholas Santillo, Jr - Director, Operations Security, American Water

2:45 PM **EPA Finance Project Update**

The U.S. Environmental Protection Agency has launched the Water Infrastructure and Resiliency Finance Center, designed to help communities across the country improve their wastewater, drinking water and stormwater systems, particularly through innovative financing and by building resilience to climate change. How will this assist our growing need for accelerated infrastructure replacement, and affect the collaboration between State and local governments and the private sector or expand public-private partnerships?

Speaker Andrew Sawyers - Director, EPA Office of Wastewater Management

4:00 PM **Green Infrastructure: Case Studies in Energy Management and Environmental Efficiency for Water and Wastewater Utilities**

A discussion and several case studies in water and wastewater utility green infrastructure projects, ranging from the utilization and installation of energy efficiency measures at water wastewater treatment plants to the New York City Department of Environmental Protection's rollout of its Green Infrastructure Program. Panelists will also discuss best practices in energy management and optimization in the water and wastewater sectors.

Moderator Hon. Mary-Anna Holden - Commissioner, New Jersey Board of Public Utilities

Panelists Ed Clerico, P.E. - Chief Executive Officer, Natural Systems Utilities
Sri Rangarajan, PH.D, - President and Principal Consultant, BOOMI Environmental

11:45 AM-1:15 PM	*Commissioner Emeritus Luncheon*	Penn Quarter
11:45 AM-1:15 PM	**Commissioner Only Business Luncheon** Special Speaker - Steven Shepard! Steven Shepard is Campaigns and Elections editor for POLITICO and editor of Campaign Pro, which delivers around-the-clock coverage of the most competitive Senate, House and gubernatorial races across the country.	Renaissance West B
2:30 PM-2:45 PM	*Networking Break*	Foyer
3:45 PM-4:00 PM	*Networking Break*	Foyer

Wednesday, February 18

8:00 AM-12:00 PM	*Registration*	[illegible]

9:00 AM-10:30 AM **General Session**

This session will feature:

The Hon. Cheryl LaFleur, FERC

The Hon. Janice Schneider - Assistant Secretary for Land and Minerals Management, Department of the Interior Meredith Attwell Baker, President & CEO, CTIA, - The Wireless Association
Ballroom South 9:00 AM - 11:45 AM
Committee on Telecommunications
General Session is from 9:00 - 10:30am in Ballroom South

10:30 AM **What Are the Technical Potholes and Detours on the Road to Improved Wireless 911 Location Accuracy?** (Ballroom North)

The goals of the panel are to examine the FCC's most recent order in PS Docket No. 07-114 addressing Wireless 911 Location Accuracy and answer the technical questions arising from new metrics adopted to measure improved location accuracy. In a December 19, 2014 blog posting by Admiral David Simpson, Chief, FCC's PSHSB he emphasizes "First responders must be able to locate 911 callers – indoors or outdoors - quickly and accurately."

Moderator Hon. Tim Schram - Commissioner, Nebraska

Panelists Timothy May, Policy & Licensing Division, Public Safety and Homeland Security Bureau, FCC
Tim Lorello , TCS
Dr. Rash Mia, TruePosition
Eric Hagerson, T-Mobile
Chris Gates, NextNav

10:15 AM - 10:30 AM Networking Break Foyer 10:30 AM - 11:45 AM
JOINT MEETING: Coast to Coast: Convergence in the Energy and Water Industries and its Impact on Consumers:
Joint Meeting of the Committees on Electricity, Energy Resources and the Environment, Gas, Water, Consumer Affairs and Critical Infrastructure. Ballroom South

10:30 AM **Coast to Coast: Convergence in the Electricity, Gas and Water Industries and its Impact on Consumers** (Ballroom South)
The energy and water industries are in the midst of a build cycle. Routine maintenance, age and new environmental regulations are driving investments across the country. And with the growing interdependence between the water, electricity, and natural gas industries, investments made in one industry will likely impact the others. How are State

commissions preparing to make these decisions? Are there lessons from each sector that can inform the others? A panel of commissioners coast-to-coast will discuss these issues and the impact on consumers.

Moderator Hon. Julie Brown - Commissioner, Florida

Panelists Hon. Susan Ackerman - Chair, Electricity Committee, Oregon
Hon. Alaina Burtenshaw - Chair, Water Committee, Nevada
Hon. Robert Kenney - Chair, ERE Committee, Missouri
Hon. Stan Wise - Chair, Gas Committee, Georgia
Bob Nelson - President, NASUCA, Montana

11:45 AM - 4:00 PM ***NARUC Board of Directors Business Meeting***
Congressional Ballroom

NARUC Travel Reimbursement Form

Stipend for 2015 NARUC Winter Meeting
Washington, DC, February 15-18, 2015

Requested For: **Randall S. Knepper** **Organization:** **NH Public Utilities Commission**

Date Requested: **02/19/15** **Total Amount Requesting:** **$359.20**

Allowable Expenses Incurred (as outlined in Stipend letter):
Please include copies of all receipts.

Expense	Amount
Airfare (Econ class)	$183.20
1 checked bag, each way, if applicable	$50.00
Hotel	$547.32 **NOTE:** paid directly by NARUC; amount not included in Total Amount Requested
Taxi to and from airport and hotel only	$41.00
Mileage (57.5) (mapquest printout required)	N/A (used State vehicle to/from MHT)
Parking at Airport	$85.00
Total	$906.52 ($ 906.52 - $ 547.32 = **$359.20**)

Payee Information

Payable To: **Randall S. Knepper**

Address: **8 Briarwood Drive**

Bow, NH 03304

I certify that I fully participated in the 2015 NARUC Winter Meeting and am eligible for this travel stipend. Randall S. Knepper 3/4/15
(signature) (date)

Note: Please send this form along with any other required documents to:

Debbie Scott (dscott@naruc.org)
NARUC
1101 Vermont Ave., NW, Suite 200
Washington, DC 20005

APPROVED BY:

Executive Director Date