

NARUC Summer Committee Meetings

Program by Day

Agenda and times are subject to change

Saturday, July 16

9:00 AM - 5:00 PM **Staff Subcommittee on Telecommunications** Salon D

9:00 AM **Reports from NARUC**

* Litigation Report - Brad Ramsay (NARUC)

* Legislative Report - *Brian O'Hara* (NARUC)

9:30 AM **Alternative Broadband Technology**

Moderator Lynn Notarianni - Colorado PUC

Panelists Lisa Scalpone - Wild Blue

Jeff Carlisle - Lightsquared

10:30 AM **Call Termination Update**

Speaker Bob Gnapp - NECA

11:30 AM **Subgroup Reports**

* Consumer Issues - *Joe Witmer* (PA)

* Service Quality - *Lynn Notarianni* (CO)

* Technology - *Vicki Helfrich* (MS)

* Federal Legislation

* Federal Regulation

* State Regulation

12:00 PM **Lunch (on your own)**

1:30 PM **Pole Attachments and the National Broadband Plan**

Moderator Brad Ramsay - General Counsel - NARUC

Panelists Jeb Benedict - CenturyLink

Rick Cimmerman - NCTA

Aryeh Fishman - EEI

Susan Lipper - T-Mobile

3:00 PM **Networking Break**

3:15 PM **Initial Presentation and Discussion of Resolutions**

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

12:00 PM - 3:00 PM **Subcommittee on Education and Research** Plaza 1

12:00 PM **Executive (Closed) Meeting (members/commissioners only)**

2:30 PM - 2:45 PM *Networking Break*

3:00 PM - 5:00 PM Executive Committee Studio III

Sunday, July 17

7:30 AM - 6:30 PM On-Site Registration Open

8:30 AM - 10:30 AM **FERC/NARUC** Salon E
Collaborative

8:00 AM **Depart for Office of the Future Tour-- JW Marriott Lobby (preregistration required)** (Marriott Lobby)

11:00 AM **Electricity Storage-- A Potential Game Changer**

Speakers Haresh Kamath - Senior Project Manager, Energy Storage - EPRI
Hon. Garry Brown - Chairman - New York Public Service Commission
Arnie Quinn - Director Division of Economic and Technical Analysis,
Office of Policy and Innovation - FERC
Hon. Sherman Elliott - Commissioner - Illinois Commerce Commission

8:30 AM - 11:45 AM **Subcommittee on Clean** Salon I - J
Coal and Carbon
Sequestration

8:30 AM **Coal at the Brink: Is Carbon Capture and Storage in Jeopardy?**
A Stakeholder Roundtable

In the current budget environment, there is a growing awareness that the funding role of the federal government for RD&D in this area will be severely limited, which jeopardizes projects to demonstrate the commercial viability of CCS. What role can states play to maintain this research initiative, and what are the risks if this work is allowed to languish or terminate uncompleted?

This Roundtable is aimed at addressing these important questions by assembling a select group of representatives from the private and environmental/NGO sectors to engage in an important dialogue with a group of leading State Commissioners.

Roundtable Agenda and Format

- This interactive Roundtable will be keynoted by Jim Wood, Deputy Assistant Secretary for Clean Coal from the U.S. Department of Energy.
- Invited private sector/NGO participants will be asked to share their perspectives as to what is required to maintain the viability of research, development, and demonstration of CCS technologies. They will undoubtedly discuss the role of the states.
- Commissioners will be asked to respond, followed by a discussion facilitated by Chairman Jon McKinney.

Travel stipends available visit <http://www.naruc.org/raft/>

Moderators Hon. Jon McKinney - Commissioner - West Virginia PSC
Jim Wood - Deputy Assist. Sec. Clean Coal - US DOE

9:00 AM - 12:00 PM **Staff Subcommittee on** Salon C
Consumer Affairs

9:00 AM **Introduction and Welcome**

9:05 AM **Reports**

* Special Protections

* SNAP

* Lifeline

9:15 AM **Telecommunications Education and Assistance in Multiple Languages (TEAM)**

TEAM provides education and complaint resolution to consumers who are not proficient in English. Assistance is provided statewide through community based organizations. Joint discussion with Staff Subcommittee on Telecommunications.

Moderator Phil Enis - Program Manager, Consumer Affairs - California PUC

Panelist Kyle DeVine - TEAM Project Manager - California PUC

10:15 AM **Networking Break**

10:30 AM **CUB Connects: Oregon's Effort to Educate Consumers in an Unregulated Marketplace**

CUB Connects is an important example of how regulatory commissions can encourage consumer education projects as the telecommunication industry becomes increasingly deregulated. CUB Connects helps Oregon consumers understand the overwhelming choices available for home phone, mobile and internet services while also providing consumer tips, news and updates. The project includes a website, toll-free helpline and state-wide outreach workshops. CUB Connects is a project of the Citizens' Utility Board of Oregon, the designated representative of residential ratepayers in the state.

Moderator Phil Boyle - Oregon PUC

Panelist Andrea Crosby - Project Manager - CUB Connects -- Citizens' Utility Board of Oregon

11:30 AM **Resolutions**

12:00 PM **Adjourn**

9:00 AM - 12:00 PM **Subcommittee on Utility Marketplace Access** Salon F & G

9:00 AM **Introduction and Welcome**

Moderator Hon. Harold D. Williams - UMA Chair/Commissioner - Maryland Public Service Commission

9:15 AM **Access to Capital for Diversity and Emerging Firms**

While many utilities around the nation are making efforts to improve diverse procurement spend, the lack of access to capital for emerging and diverse firms have caused constraints on these firms' capacity.

This panel will focus on access to capital (i.e., equity, credit lines, surety, completion bonds, risk management tools, letters of credit and other financial opportunities and barriers to capital to foster procurement for diverse and emerging businesses.

Moderator Hon. Timothy A. Simon - Commissioner - California PUC

Panelists Ryan Castillo - Los Angeles SBA Banker - Wells Fargo Bank
Maria Contreas-Sweet - Executive Chairwoman and Founder -
Promerica Bank
E. David Ellington - Co-Founder and President - GridSpeak Corporation
Ingrid Merriwether - President and CEO - Merriwether and Williams
Nancy Pfund - Managing Partner - DBL Investors

10:40 AM Minority and Women's Representation on State Public Utility Commissions

A recent study conducted by the Minority Media & Telecom Council ("MMTC"), showed that both minorities and women are both significantly underrepresented on the public utility commissions throughout the nation. The study also showed several variables for this deficiency, which includes elected and/or appointed positions.

This panel of notable commissioners and research analyst will discuss the opportunities for advancing minorities and women to serve on (State) public utility commissions. The panel will also focus on the findings of the MMTC study; and they will discuss the political process and the appointment process from the view of a former governor's appointment secretary; and we'll hear the reflections of a women serving as a State Commissioner.

Moderator Dr. Edward H. Salmon - President - Salmon Ventures

Panelists Marcella Gadson - Director of Communications - Minority Media & Telecom Council
Hon. Erin O'Connell-Diaz - Commissioner - Illinois Commerce Commission
Hon. Timothy A. Simon - Commissioner - California Public Utilities Commission

11:45 AM Reflection

Moderator Jeffrey Thorsen - Manager - Sempra Utilities

11:50 AM Adjourn

TUESDAY - JULY 19TH 2:30 P.M. - SALON C

UMA WILL PARTICIPATE IN A COMBINED PANEL WITH THE COMMITTEE ON GAS ENTITLED: DIVERSE AND EMERGING FIRMS IN THE GAS AND FUEL INDUSTRIES. Recent increases in shale gas discoveries and lower GDP have resulted in lower natural gas prices. This has created opportunities and challenges for diverse and emerging firms serving the growing and dynamic natural gas and fuel industry. This panel of diverse emerging firms and investor-owned utilities will discuss the opportunities and barriers to procurement in the natural gas and fuel supply industries. The panel will also examine the economic benefits to ratepayers and investor-owned utilities in utilizing natural gas and fuel purchased from diverse suppliers. The investor-owned utilities representatives will also discuss their perspective on cutting edge fuel programs and opportunities for diverse and emerging firms within their respective companies.

The panel moderator is The Honorable Commissioner Erin O'Connell of the Illinois Commerce Commission and the panelist are: Renard Euell, President Euell Energy; Will Evans, President, Intergrys-Peoples Energy; Tamara Walden -Senior Advisor, Energy Commodities, Walden Energy/Yaka Energy; Roy Kuga - V.P., Energy Supply, PG&E and James P. Harrigan - V.P., Gas Acquisition, SCG.

See the Gas Committee Agenda for a complete details.

Moderator Hon. Harold D. Williams - UMA Chair/Commissioner - Maryland
Public Service Commission

9:00 AM - 3:00 PM **Staff Subcommittee on** Salon D
 Telecommunications

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

Joint Board Reports:

* Separations (80-286) - *George Young* (VT)

* Universal Service (96-45) - *Labros Pilalis*

* 706 Joint Conference - *Brian Mahern* (IN)

* FCC Report - *Carol Matthey*

* NRRI - *Scott Hempling, Sherri Lichtenberg*

* NTIA - *Jim McConnaughey*

* RUS

10:00 AM **Committee Business**

10:30 AM **Joint Session with Consumer Affairs**

CUB Connects: Oregon's Effort to Educate Consumers in an Unregulated Marketplace, CUB Connects is an example of how regulatory commissions can encourage consumer education projects as the telecommunications industry becomes increasingly deregulated.

Moderator Phil Boyle - Oregon PUC

Panelist Andrea Crosby - Project manager - CUB Connects

11:30 AM **Lunch (on your own)**

1:00 PM **What's Missing from the USF/ICC NPRM?**

Moderator George Young - Vermont Public Service Board

Panelists Peter Sywenki - Sprint

John Jones - CenturyLink

Joe Witmer - Pennsylvania PUC

Diane Smith - Rural Broadband Alliance

2:30 PM **Final Resolution Discussion**

3:30 PM **Adjourn the Summer Meeting**

10:15 AM - 10:30 AM *Networking Break* Platinum Ballroom Foyer

10:30 AM - 12:45 PM **New Commissioner** Salon A
 Forum

The Forum is for
Commissioners attending
their first NARUC meeting.

1:00 PM - 2:15 PM EISPC Listening Session Salon B

1:00 PM - 5:00 PM **Committee on Consumer** Salon C
 Affairs

1:00 PM Coming Together on Smart Grid Principles

The Critical Consumer Issues Forum's (CCIF) work on consumer-focused grid modernization topics will be highlighted by participating state commissioners, consumer advocates, and utility representatives. Panelists will demonstrate the value of the CCIF process through an interactive discussion of grid modernization topics pertaining to regulatory "rules of the game," dynamic pricing, and third party access to consumer energy usage data.

Opening remarks provided by Consumer Affairs Committee Chair Betsy Wergin (MN PUC) and Critical Infrastructure Chair Lib Fleming (SC PSC).

Moderator Katrina McMurrian - CCIF Facilitator - K2M Strategies, LLC

Panelists Hon. Robert Kenney - Commissioner - Missouri PSC
Hon. Jeff Goltz - Chairman - Washington UTC
Hon. Susan Ackerman - Commissioner - Oregon PUC
Bill Levis - Consumer Counsel - Colorado Office of Consumer Counsel
Joe Como - Acting Director - California Division of Ratepayer Advocates
Gregory Knight - Division VP of Customer Service - CenterPoint Energy
Cherry Hudgins - Smart Grid Regulatory Manager - Southern Co. Services

2:10 PM Business Meeting and Consideration of Resolutions

Moderators Hon. Betsy Wergin, MN PUC - Chair - Committee on Consumer Affairs
Hon. Lib Fleming, SC PSC - Chair - Committee on Critical Infrastructure

2:30 PM Networking Break

2:40 PM Extreme Tornado Events: Robust Response & Recovery

This session will provide valuable lessons to benefit all states and utilities, as it explores how two recent extreme tornado events affected the citizens and utilities of Alabama and Missouri, and how they managed these recent catastrophies. Hear utility responders and others share in their own words how vital systems were impacted and restored. Included in this session will be lessons learned from prior events, such as Hurricanes Katrina, Rita & Wilma that better prepared those affected during these events, as well as what lessons were learned from these most recent events that will improve readiness in the future.

Moderator Hon. Terry Jarrett - Commissioner - Missouri PSC

Panelists Billy Ball - Exec. VP & Chief Transmission Officer - Southern Co.
Mike Palmer - VP Operations - Empire District Electric
Ken Smith - VP Operations - Alabama Gas Co.
Frank Kartmann - President & CEO - Missouri American Water Co.
Aquilla Spivey - Consumer Advocate - Alabama PSC

3:50 PM "CyberSHIELD": Cybersecurity Legislation and the SHIELD Act

This session will provide a deeper understanding of emerging federal legislative and Administration activities on cybersecurity and geomagnetic threats. It is important for regulators to understand the potential impacts of these bills and policies on utilities, consumers, and states, as well as state commissions.

Moderator Hon. Cheryl Roberto - Commissioner - Public Utilities Commission of Ohio

Panelists Bill Bryan - Deputy Assistant Secretary - U.S. Dept. of Energy
Infrastructure Security & Energy Restoration
Joe McClelland - Director of Electric Reliability - Federal Energy
Regulatory Commission
Chris Beck - Electric Infrastructure Security Council
David Owens [invited] - Executive Vice President - Edison Electric
Insitute

5:00 PM **Adjourn**

1:00 PM - 5:00 PM **Committee on** Salon F & G
 International Relations

1:00 PM **Welcome Remarks & Introductions**

Moderators Hon. David Armstrong - Chair, International Relations Committee; -
Chairman, Kentucky PSC
Hon. Kevin Gunn - Co Vice-Chair, International Relations Committee -
Chairman, Missouri PSC
Hon. Gaetan Caron - Co Vice-Chair, International Relations Committee -
Chair & CEO, National Energy Board, Canada

1:05 PM **Approval of the Minutes & Resolutions**

1:10 PM **Global Perspectives on Balancing the Energy Mix in the Future**

Link to Draft IRC Strategic Plan: Goal 4 (The international utility regulatory
community is increasingly inter-connected and finds concrete responses to common
challenges and opportunities.) Presentation on the European Climate Foundation's
2050 Roadmap with Panel Responses & International Perspectives

Speakers Mr. Michael Hogan - Senior Consultant - Regulatory Assistance Project
Hon. Francisco Xavier Salazar Diez de Sollano - President - Energy
Regulatory Commission, Mexico
Hon. Gaetan Caron - Chair & CEO - National Energy Board, Canada
Hon. Maurice Charvis - Deputy General Director - Office of Utilities
Regulation, Jamaica (invited)

2:30 PM **Status Review of IRC Strategic Plan**

Discussion on:

1. NARUC member commissions acquire practical knowledge they use to continually improve their regulatory work
2. More state commissions (commissioners and staff) are actively involved in the work of the Committee
3. The stated goals of our international programs are achieved
4. The international utility regulatory community is increasingly inter-connected and finds concrete responses to common challenges and opportunities

Moderator Hon. Gaetan Caron - Co Vice-Chair - International Relations Committee

3:00 PM **NARUC International Programs Update**

Link to draft IRC Strategic Plan: Goal 3 (The stated goals of our international
programs are achieved.)

Moderator Erin Skootsky - Director, International Programs - NARUC

3:10 PM **Report from International Relations Staff Subcommittee**

Link to draft IRC Strategic Plan: Goal 3 (The stated goals of our international
programs are achieved.)

Moderator Denise Parrish - Chair, Staff Subcommittee on International Relations -
Deputy Administrator, Office of Consumer Advocate, Wyoming Public
Service Commission

**3:20 PM Commissioner & Commission Staff Roundtable on Current and Future
International Activities**

Regulatory Partnerships

- * Colorado – Jordan
- * Illinois – Kosovo
- * Iowa – Armenia
- * Kentucky – Georgia
- * Michigan – Nigeria
- * Missouri – Moldova
- * New York – Ukraine
- * Organization of MISO States – Black Sea regulators
- * Pennsylvania – Serbia

Regional Association Collaboration & Activities

- * ABAR (Brazil, Landfill Gas to Energy Project)
- * ACERCA (Central America)
- * AFUR (Africa)
- * CEER (European Union)
- * ERRA (Central/Eastern Europe & Eurasia)
- * RERA (Southern Africa)

**Status Report on the activities of the International Confederation of Energy
Regulators (ICER)'s Working Groups**

- * Reliability and Security of Supply (Chaired by MEDREG)
- * Regulatory Role in Climate Change (Chaired by CEER)
- * Competitiveness & Affordability (Chaired by CAMPUT)
- * Training, Education & Best Practices (Chaired by NARUC)

4:00 PM Adjourn

1:00 PM - 5:00 PM **Committee/Staff** Salon C
 Subcommittee on Critical
 Infrastructure

1:00 PM Coming Together on Smart Grid Principles

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Infrastructure Security & Energy Restoration
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Chris Beck - Electric Infrastructure Security Council
David Owens [invited] - Executive Vice President - Edison Electric Institute

5:00 PM Adjourn

1:00 PM - 5:00 PM **Staff Subcommittee on Electricity/Reliability** Salon E

1:00 PM Welcome & Opening Remarks

Moderators Kim Wissman - Chair - Staff Subcommittee on Electricity, Ohio PUC
Diane Barney - Chair - Staff Subcommittee on Electric Reliability, New York DPS

1:05 PM Legislative Update

Moderator Chris Mele - Legislative Director - Energy - NARUC

1:15 PM Discussion of Resolutions

1:30 PM Role of Public Service Commissions in Economic Development

The U.S. suffered a severe economic downturn over the last several years. Most states are still feeling some pain; recovery is in the works but still may take several years. Given that energy costs and uncertainty is a major factor in industrial and commercial viability, there is a tendency to cut utility spending to the bone. However, there are areas where utility spending can lead to increased benefits and cost savings to ratepayers. Does the state economic regulator have a role in providing economic development efforts? Does that role differ between regulated and non-regulated states? Do the benefits of supporting large employers outweigh the potential cost burdens on other ratepayers? What programs can save decrease ratepayer costs? Is there a right way or a wrong way for state commissions to be engaged?

Speakers Scott Hempling - Executive Director - National Regulatory Research Institute

John Anderson - President & Chief Executive Officer - Electricity Consumers Resource Council

Michael Sullivan - President & CEO - Freeman, Sullivan & Co.

2:30 PM Current Gas Industry Activities & Impacts For Electric Generation

Joint Meeting with Staff Subcommittee on Gas Subcommittee

Speakers Chris McGill - American Gas Association

Cynthia Marple - American Gas Association

3:15 PM Networking Break

3:30 PM Electric Market Outlook

How have the energy markets been functioning? What does the future hold? How will the EPA rulemakings affect future coal and gas prices and availability? What are the consequences on energy markets? What is the forward outlook?

Moderators Steve Michals - Chief, Electric Market Monitoring - Office of Energy Market Regulation, FERC

Michael Leff - Office of Electricity, Coal, Nuclear and Renewables Analysis - US Dept of Energy

Andrew Weissman - Editor-in-Chief & Publisher - Energy Business Watch

4:15 PM Interconnection-Wide Planning

When FERC and the states moved to deregulated wholesale and retail markets, planning on an integrated basis went by the wayside. "Chinese walls" were built to remove discriminatory treatment. What's happening in electricity planning today? What efforts are underway, what can states do, and is enough being done?

Moderators Hon. Marsha Smith - Commissioner - Idaho PUC

Hon. Doug Nazarian - Chairman - Maryland PSC

5:00 PM Declare Victory & Adjourn

1:00 PM - 5:00 PM **Staff Subcommittee on** Atrium I
Energy Resources and the
Environment

2:30 PM **Cleaning Up the Portfolio: A Discussion of Clean Energy Standards** (Atrium I)

While Renewable Portfolio Standards (RPS) have become a widely utilized policy tool for addressing environmental goals and increasing resource diversity, most states have kept the percentage of renewable energy required at a relatively low level, largely due to concerns regarding the cost of renewable energy. As an alternative to an RPS, a Clean Energy Standard (CES) can achieve significant air pollution reductions across a larger portion of load without relying solely on renewable resources. But should non-renewable resources such as nuclear and natural gas be considered "clean" under this standard? How is a CES different from an RPS and other resource policies? What have states done to implement a CES? What are the implications of a CES for public utility commissions and air quality planners?

Moderator Ed McNamara - Staff Attorney - Vermont Public Service Board

Panelists Greg White - Commissioner - Michigan Public Service Commission
John Shenot - Associate - Regulatory Assistance Project
Jessica Shipley - Solutions Fellow - Pew Center for Global Climate Change
Joe Bryson - Senior Policy Analyst - EPA Climate Protection Partnerships Division

1:00 PM - 5:00 PM **Staff Subcommittee on** Salon H
Gas

1:00 PM **Introduction and Opening Remarks**

Moderator Bob Reed - Natural Gas Manager - Alabama Public Service Commission

1:15 PM **Legislative Update**

Moderator Christopher Mele - Legislative Director - Energy - NARUC

1:30 PM **Gas Hedging: Should Utilities Do Less and Do It Differently?**

The discussion will address three questions:
Should regulators revisit hedging, and why?
Should a utility hedge at all?
Are there barriers to change?

Moderator Ken Costello - Principal - National Regulatory Research Institute

2:15 PM **Networking Break**

2:30 PM **From the Ground Up: Understanding Natural Gas Shales and Associated Extraction Technologies**

Joint session with Electric Subcommittee

This session examines key elements of the growth in natural gas production from shales, including tangible benefits of shale gas development, geologic components, horizontal drilling and hydraulic fracturing for the non-geologist.

Moderators Chris McGill - American Gas Association
Cynthia Marple - American Gas
Association

3:15 PM PowerAdvocate - New and Unique Data and Technology Offerings

PowerAdvocate delivers the latest supply market intelligence to enable energy companies improve enterprise performance, reduce costs and manage risk. The purpose of today's discussion is to provide the regulatory community with a better understanding of the practices PowerAdvocate uses to assist their customers (energy companies) have the most cost-efficient control over their capital and operating expenditures.

Many of PowerAdvocate customers appear before regulatory commissions for rate cases that involve capital expenditures for which commissioners and staff must pass judgment. It is PowerAdvocate's desire to provide a better understanding of how gas and electric utilities are using new and unique data and technology to reduce risk and manage costs. In addition, Sean will highlight how using data and technology can reduce customer costs and provide a more informed regulatory deliberation process.

Moderator Sean Riley - Director, Energy Intelligence Group -
PowerAdvocate

3:45 PM Networking Break

4:00 PM Gas Technology Institute Update

Smart Energy Grid study. The interaction of the gas and electric grids, including natural gas backup for renewables will be explored. What smart energy grid options are needed to see that this interaction is handled correctly? What advanced technology should be added to the gas system to ensure deliverability, safety, and integrity?

Moderator Ron Edelstein - Director, Regulatory and Government - Gas Technology
Institute

4:45 PM Other Business

5:00 PM Adjourn

2:15 PM - 2:30 PM	<i>Networking Break</i>	Platinum Ballroom Foyer
2:30 PM - 3:45 PM	Staff Subcommittee on Utility Marketplace Access	Atrium I
3:30 PM - 5:00 PM	Washington Action meeting (Commissioners/Staff only)	Salon I & J
3:45 PM - 4:00 PM	<i>Networking Break</i>	Platinum Ballroom Foyer
5:00 PM - 6:30 PM	Welcome Reception... Sponsored in part by Qualcomm	Diamond Ballroom 5 - 10

Monday, July 18

7:30 AM - 8:30 AM Networking Platinum Ballroom Foyer
Breaksponsored in part
by The Solar Alliance and
SEIA

7:30 AM - 5:00 PM On-Site Registration Open Platinum Ballroom Foyer

8:15 AM - 10:15 AM **General Session** Diamond Ballroom 5

8:15 AM Global Energy Supply: How Will We Meet What the World Needs in a Time of Uncertainty?

Now more than ever, energy is global. New environmental rules in the U.S. and elsewhere could usher in new energy resources, but they may also result in higher utility bills and reliability concerns. The recent shale gas discoveries may have reset the energy stage on a global level. Political unrest in the Middle East is resulting in volatile oil prices. Events in Japan will have an impact on perceptions regarding nuclear power worldwide. Developing nations are seeking to electrify to improve their standards of living. Research and development is constantly impacting what fuel sources we use and for what purpose. It is important to unravel this tangled energy web and understand what issues confront global energy markets and the consumers we serve. In this session, a panel of experts will discuss the status of the world's energy resource markets and how they are being altered by population growth, economic and political dynamics and naturally occurring events.

After keynote addresses by executives from some of the world's top energy firms, a diverse panel of energy resource experts will discuss how these issues are impacting energy demand across the world.

Keynote Addresses by:

- Gregory H. Boyce, Chairman and CEO, Peabody Energy Corporation
- Arun Majumdar, Director of ARPA-e and Sr. Advisor to Secretary of Energy, US DOE
- Aubrey McClendon, Chairman and CEO, Chesapeake Energy

Moderator Martin Rosenberg - Editor-In-Chief - EnergyBiz

Panelists Denise Bode - CEO - American Wind Energy Association

Carrie Cullen Hitt - President - The Solar Alliance

Paul Genoa - Director Policy Development - Nuclear Energy Institute

10:15 AM - 10:30 AM Networking Platinum Ballroom Foyer/Diamond Ballroom Foyer
Breaksponsored in part
by ELSTER

10:30 AM - 5:15 PM **Committee on Consumer Affairs** Diamond Ballroom 5, Salon D, Salon A&B

10:30 AM **Smart Grid**

Joint Meeting with Committees on Electricity, Gas, Telecommunications and Critical Infrastructure.

See Committee on Telecommunications for agenda.

1:00 PM **Update on SEE Action Network**

Joint Meeting with Committee on Energy Resources and the Environment

The State Energy Efficiency Action Network (SEE Action) is a federal-state-local effort to build upon the progress of the National Action Plan for Energy Efficiency and assists state and local governments in advancing energy efficiency policies and programs; removing barriers and disincentives to realizing energy savings through energy efficiency; and growing state-level investments in cost-effective energy efficiency.

SEE Action looks for opportunities to catalyze and transform the market and foster the emergence of a sustainable energy efficiency industry. In this session, we will receive an overview of the SEE Action effort and hear from four Working Group co-chairs (there are 8 in total) on the key activities they have identified in the Blueprints. The four Working Groups are: 1) evaluation, measurement & verification, 2) customer information & behavior, 3) commercial building retrofits, and 4) industrial efficiency & combine heat and power.

Moderator Michael Li - Electricity Policy Specialist - Office of Electricity Delivery and Energy Reliability, United States Department of Energy

Panelists Hon. Pat Oshie - Commissioner - Washington UTC
Hon. Phyllis Reha - Commissioner - Minnesota PUC
Jim Gallagher - New York ISO
Hon. Greg White - Commissioner - Michigan PSC

2:30 PM **Call Completion**

Joint Meeting with Committee on Telecommunications

Approximately 176 carriers in 35 states have seen trouble with call completions. Nebraska has open dockets on this issue and has spent extensive resources trying to find the problem. Is it VoIP? Is it a refusal to pay switched access? Is it MagicJack? Is it greed? Is it a crumbling of the PSTN that is going to become our new normal? Businesses and home owners are growing continually enraged and concerned that their communications are not being completed. What can state regulators do? Is the FCC the only authority involved? How can we get our call completion rates back up to 99.99%.

Moderator Hon. Anne Boyle - Commissioner - Nebraska PSC

2:30 PM **Energy Efficiency and Behavioral Changes**

Joint Meeting with Committee on Energy Resources and the Environment

4:00 PM **How Should Regulators Value Energy Efficiency as an Alternative to Other Energy Resources? Do Cost-Effectiveness Tests Treat Energy Efficiency Fairly?**

Joint Meeting with Committee on Energy Resources and the Environment

10:30 AM - 5:15 PM **Committee on Critical Infrastructure** Diamond Ballroom 5

10:30 AM **Smart Grid**

Joint Meeting with Committees on Electricity, Gas, Telecommunications and Consumer Affairs.

See Committee on Telecommunications for agenda.

4:00 PM **Electric Reliability Starts With The Bulk Electric System**

Joint Meeting with Committee on Electricity
See Agenda as for Committee on Electricity

4:00 PM **Pipeline Safety, Transmission and Distribution Integrity. What needs to be done and how will it be paid for?**

Joint Meeting with Committee on Gas

See Committee on Gas agenda.

10:30 AM - 5:15 PM **Committee on Electricity** Diamond Ballroom 5, Salon E

10:30 AM **Smart Grid**

Joint Meeting with Committees on Consumer Affairs, Critical Infrastructure, Gas, and Telecommunications

See Committee on Telecommunications for agenda.

1:00 PM **Business Meeting**

Oral Reports:

* *Robin Lunt*, Legal Update

* *Chris Mele*, Legislative Update

* *Hon. Douglas Nazarian*, President, Eastern Interconnection States' Planning Council and Chairman of the Maryland Public Service Commission

* *Hon. Marsha H. Smith*, State Provincial Steering Committee, Chairman of the Board, Western Electricity Coordinating Council, Commissioner, Idaho Public Utilities Commission

* *Scott Hempling*, NRRI Report

Lauren Azar, Advisor to Secretary Chu, U.S. Department of Energy

Written Report Discussion

Consideration of Resolutions

2:30 PM **Interplay between the Electric and Gas System**

Joint Meeting with Committee on Gas

Fact: Gas pipeline reliability can substantially impact electric generation; Electric system reliability can have an impact on gas pipeline operations. In general, pipeline and electric system operators do not understand each other's business very well; Pipeline planning and expansion are substantially different from the electric equivalent; Communications between pipeline operators and electric reliability coordinators are generally weak; Pipeline tariffs for firm delivery service are not compatible with peaking generation economics in many electric markets.

Event: An unprecedented cold snap in early February in Texas and other parts of the southwestern United States adversely impacted the delivery of power from natural gas, coal and wind during a period of heavy heating demand for natural gas and

electricity. These power outages highlight the interdependency of the electric power and natural gas systems and provide a basis for examining whether there are opportunities for improvements. While extreme temperatures, such as those experienced by Texas in early February, are rare, industry officials and regulators need to consider what additional measures would prevent a reoccurrence of power shortages.

Requirement: Industry and regulators must recognize the growing interdependence between natural gas and the power grid and work, in coordination, to find balanced solutions. Efforts are underway to improve gas and electric coordination and the today's speakers will address current regulatory, business standards and operational issues.

Moderator Hon. Garry Brown - Chairman - New York PSC

Panelists Hon. Philip Moeller - Commissioner - FERC
David McCurdy - President and CEO - American Gas Association
Rae McQuade - President - North American Standards Board
Gerry Cauley - President and CEO - North American Electric Reliability Corp.

4:00 PM **Electric Reliability Starts With The Bulk Electric System**

The North American Electric Reliability Corporation's (NERC) mission is to ensure the reliability of the North American bulk power system. NERC is the electric reliability organization (ERO) certified by the Federal Energy Regulatory Commission to establish and enforce reliability standards for the bulk-power system. NERC has adopted an all-hazards approach to managing risk and to providing for a resilient bulk power system. In addition to conventional risks such as hurricanes, tornados, ice and wind storms, and equipment failures, emerging risks of cyber and physical security must be considered. The implementation of these standards has resource and cost implications in the industry. Therefore, solutions must be practical and cost-effective. Here you can learn the latest efforts in standard development by NERC. And what the implications of the implementation of these standards are on the industry and the consumers. Debates over what facilities should be covered under FERC or state authority are currently being explored along with what is an adequate level of reliability.

Joint Meeting with Committee on Critical Infrastructure

Moderator Hon. Garry Brown - Chair - New York PSC

Panelists Gerry Cauley - President and CEO - North American Electric Reliability Corporation
David Owens - Executive Vice President - Edison Electric Institute
Joseph H. McClelland - Director, Office of Electric Reliability - Federal Energy Regulatory Commission
Hank A. Courtright - Senior Vice President - Electric Power Research Institute
David J. Godfrey - Vice President, Operations and Planning - Western Electricity Coordinating Council

10:30 AM - 5:15 PM **Committee on Energy Salon A & B**
Resources and the
Environment

10:30 AM Clean Energy Part 2: what are the challenges to reliably integrating intermittent resources?

This panel will study the relationship between increased intermittent renewables and policy changes required to integrate this renewable energy. Additionally, this panel will address what technologies could be available for ensuring grid reliability throughout the country. Technologies under discussion will include large-scale electric transmission planning, energy storage, and natural gas peaking generation. Given the likely increase in intermittent renewable resources in order to comply with states' RES standards, and the challenges associated with building conventional generation:

- Do regulators and industry participants need new policies for financing and new methods of planning for upgrading electric transmission infrastructure?
- What mix of technology investments will be needed to ensure reliability?
- What regulatory changes are needed?
- When would any investments or technical/regulatory changes need to be made in order to be timely?

Moderator Hon. Barry T. Smitherman - Commissioner - Railroad Commission of Texas

Panelists Hon. John R. Norris - Commissioner - Federal Energy Regulatory Commission
Paul Suskie - Senior Vice President of Regulatory Policy & General Counsel - Southwest Power Pool (SPP)
Lisa Barton - Senior Vice President of Transmission - American Electric Power
Don Clevenger - Senior Vice President of External Affairs - Oncor
Stephen Naeve - Chief Operating Officer - Apex CAES
Mark Smith - Vice President of Market Design - Calpine Corp.

1:00 PM Update on SEE (State Energy Efficiency) Action Network

Joint Meeting with the Committee on Consumer Affairs

The State Energy Efficiency Action Network (SEE Action) is a federal-state-local effort to build upon the progress of the National Action Plan for Energy Efficiency and assists state and local governments in advancing energy efficiency policies and programs; removing barriers and disincentives to realizing energy savings through energy efficiency; and growing state-level investments in cost-effective energy efficiency.

SEE Action looks for opportunities to catalyze and transform the market and foster the emergence of a sustainable energy efficiency industry. In this session, we will receive an overview of the SEE Action effort and hear from four Working Group co-chairs (there are 8 in total) on the key activities they have identified in the Blueprints. The four Working Groups are: 1) evaluation, measurement & verification, 2) customer information & behavior, 3) commercial building retrofits, and 4) industrial efficiency & combine heat and power.

Moderator Michael Li - Electricity Policy Specialist - Office of Electricity Delivery and Energy Reliability, United States Department of Energy

Panelists Hon. Pat Oshie - Commissioner - Washington UTC
Hon. Phyllis Reha - Commissioner - Minnesota PUC
Jim Gallagher - New York ISO
Hon. Greg White - Commissioner - Michigan PSC
Dian Grueniech - Former CPUC Commissioner - Partner, Morrison
Foerster

2:30 PM **Energy Efficiency and Behavioral Changes**
Joint Meeting with Committee on Consumer Affairs.

In the widening pursuit of the "first fuel," energy efficiency, behavioral change is an ever popular topic. Through a variety of incentives, decoupling, lost revenue adjustment mechanisms and inverted block rates, regulators provide incentives to utilities that promote energy efficiency. In turn, utilities have rolled out numerous energy efficiency programs to their customers. Most of the time, behavioral change is a term directed at the utility customer, the end-use consumer who has the final say in how much energy is used in a home, business or factory. And most observers agree that if a customer's behavior is to change, there must be sufficient incentives in place for the change to occur.

That logic is widely accepted, but does it really present the best path to energy efficiency? This panel will examine the issue from all the angles. Who is in the best position to promote energy efficiency through behavioral changes and how good are they at it? What works best to motivate customer change in energy usage? What are the best practices to measure and evaluate the effectiveness of various programs that promote behavioral change? If some third-party efficiency administrators reportedly perform better than many utilities in saving energy, will maximum efficiency savings ever come via the utilities?

Moderator Gail Gutsche - Commissioner - Montana Public Service Commission

Panelists Kevin Ashton - General Manager of Conserve, clean technical division - Belkin
Hank Courtright - Senior Vice President - Electric Power Research Institute
Merrilee Harrigan - Vice President of Education - Alliance to Save Energy
Michael Sachse - Vice President, Regulatory Affairs and General Counsel - Opower
Gene Rodrigues - Director of Energy Efficiency and Solar - Southern California Edison

4:00 PM **How Should Regulators Value Energy Efficiency as an Alternative to Other Energy Resources? Do Cost-Effectiveness Tests Treat Energy Efficiency Fairly?**
Joint Meeting with Committee on Consumer Affairs

Regulators compare energy efficiency resources to conventional generation technologies when reviewing energy acquisition plans offered by utilities. Many regulators give energy efficiency equal weight when making decisions about utility resource plans and cost recovery while others do not. This panel will address the different methods of comparing energy efficiency benefits and costs with those of conventional and avoidable resources. The panel will provide a foundational discussion of the benefit/cost tests typically used in these decisions, including the Total Resource Cost and the Utility Cost tests. It will focus on how regulators choose

to use these tests, their pros and cons, where the tests are working well, and where they have been modified with diminishing results for energy efficiency. Panelists will recommend changes to the tests and their application to truly evaluate investments in energy efficiency on a par with other resources

Moderator Patrick Oshie - Commissioner - Washington Utilities and Transportation Commission

Panelists Snuller Price - Energy and Environmental Economics, Inc.
Tom Eckman - Northwest Power and Conservation Council
Marty Kushler - American Council for an Energy-Efficiency Economy

10:30 AM - 5:15 PM **Committee on Gas** Diamond Ballroom 5, Salon C

10:30 AM **Smart Grid**

Joint Meeting with Committees on Critical Infrastructure, Electricity, Telecommunications and Consumer Affairs.

See Committee on Telecommunications for agenda.

1:00 PM **The New Natural Gas Reserve Estimates**

In the summer of 2008, natural gas prices were over \$12.00 and mmbtu and state Commissions were concerned about natural gas scarcity. Since then shale gas has emerged as a game changer. The new supply picture and advances in drilling technology have combined to create the potential for more reliance on natural gas in end-use applications, electric generation, as use for chemical feed stocks and as a transportation fuel.

Having been there before, utility regulators have some reason to be wary of this new 'rush to gas' that is why the new assessment from the Potential Gas Committee is so important.

In addition to the new supplies regulators need to know how they affect the markets and prices consumers pay.

Moderator Hon. Timothy A. Simon - Commissioner - CA PUC

Panelists Porter Bennet - CEO - Bentek
Chris McGill - AGA

2:30 PM **Interplay Between the Electric and Gas System**

Joint Meeting with Committee on Electricity

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Rae McQuade - Executive Director and COO - North American Standards Board
Gerry Cauley - President and CEO - North American Electric Reliability Corporation

4:00 PM **Pipeline Safety, Transmission and Distribution Integrity. What needs to be done and how will it be paid for?**

Joint Meeting with Committee on Critical Infrastructure

The Department of Transportation is in the process of reviewing federally mandated safety procedures. These rules could have a significant impact on safety programs though out the country. This panel will examine potential new rules from PHMSA, how interstate transportation and local distribution companies are addressing pipeline safety, what technologies are being developed to lower costs and improve safety what the regulatory response has been at the state level.

Moderator Hon. Timothy A. Simon - Commissioner - California PUC

Panelists Hon. Colette Honorable - Chair - Arkansas PSC
Tim Butters - Deputy Director - Office of Pipeline Safety
Ron Edelstein - State Regulatory Director - GTI
Larry Borgard - Integrys Corp.
Jesus Soto - El Paso Corp.

10:30 AM - 5:15 PM **Committee on Telecommunications** Diamond Ballroom 5, Salon D

10:30 AM **Smart Grid**

Joint Meeting with Committee on Critical Infrastructure, Electricity, Gas and Consumer Affairs

Utilities basically have two choices in communications architecture with regard to the smart grid. Historically, most IOU's have chosen to build a mesh network. However, recent changes in pricing plus the move from smart grid 1.0 (Automatic Meter Reading), to Smart Grid 2.0 (Distributed Automation), is making cellular another option. This interactive panel will debate and discuss the pros and cons of both options for communications architecture for the Smart Grid.

Moderator Hon. Carlito Caliboso - Commissioner - Hawaii PUC

Panelists Paul DeMartini - CTO, VP Innovation - Cisco
Campbell McCool - Smart Sync
Raj Vanswani - Silver Spring Networks
Andy Wood - Director of Business Development, QCT
Machine-to-Machine & Smart Energy - Qualcomm

1:00 PM **Content Access Neutrality**

At the Washington, DC meetings the telecommunications committee discussed neutrality among small video providers. It was determined at that time to study the issue further. This panel will try to address the need, concern, and reality of reform on a state and federal level.

Moderator Hon. James Cawley - Commissioner - Pennsylvania Public Utility Commission

Panelists Tom Dominico - Business Development Manager - Sebastian Corp.
Ross Lieberman - VP of Government Affairs - American Cable Assn.
Michael Petricon Sr. - VP of Government Affairs - Consumer Electronics Assn.
Hon. Larry Landis - Commissioner - Indiana URC

2:30 PM **Call Completion**

Joint Meeting with Committee on Consumer Affairs

Approximately 176 carriers in 35 states have seen trouble with call completions. Nebraska has open dockets on this issue and has spent extensive resources trying to find the problem. Is it VoIP? Is it a refusal to pay switched access? Is it MagicJack? Is it greed? Is it a crumbling of the PSTN that is going to become our new normal? Businesses and home owners are growing continually enraged and concerned that their communications are not being completed. What can state regulators do? Is the FCC the only authority involved? How can we get our call completion rates back up to 99.99%.

Moderator Hon. Libby Jacobs - Chair - Iowa Utilities Board

Panelists Bob Gnapp - NECA
Mike Romano - NTCA
Rick Ratliff - Sprint
Malia Brock - Oregon Public Utility Commission

4:00 PM **Keys to Closing the Digital Divide - Broadband Service Adoption Programs that Work!**

In May 2011, the U.S. Commerce Department's National Telecommunications and Information Administration launched DigitalLiteracy.gov in partnership with nine Federal agencies, with the goal of creating an online hub for librarians, educators, and other digital literacy practitioners to share content and best practices. In September 2010, the NTIA completed the approval process for 44 sustainable broadband adoption projects totaling \$250.7 million in Federal Recovery Act grant funds to support innovative projects that promote broadband adoption. Earlier in 2011, the Federal Communications Commission approved mergers of Comcast with NBC Universal and CenturyLink with Qwest Communications based, in part, on public interest commitments to implement national broadband adoption programs. This panel will discuss these initiatives and any lessons learned about how to promote broadband service adoption, especially among vulnerable population groups where broadband technology traditionally has been underutilized.

Moderator Hon. Betty Ann Kane - Chairman - District of Columbia Public Service Commission

Panelists Tony Wilhelm - Director, Broadband Technology Opportunities Program - National Telecommunications & Information Administration
Sunne Wright McPeak - President & Chief Executive Officer - California Emerging Technology Fund
Tessie Guillermo - President & Chief Executive Officer - ZeroDivide
Mark Seeger - Senior Director of Business Development - Communications Services for the Deaf
Jeffrey Lanning - Assistant Vice President, Federal Regulatory Affairs - CenturyLink
Bret Perkins - Vice President, External & Government Affairs - Comcast

11:45 AM - 1:00 PM	Environmental Coordinating Committee (closed session)	Atrium II
11:45 AM - 1:00 PM	OPSI Luncheon (invitees only)	Salon H
1:00 PM - 5:15 PM	Committee/Staff Subcommittee on Water	Salon F & G

1:00 PM Decoupling - Brattle Group Paper

A summary of the various aspects of decoupling mechanisms as presented in a Brattle Group study with time for questions and discussion.

Moderator Mike Vilbert - Brattle Group

1:30 PM US EPA Update

Moderator Mindy Eisenberg - EPA

2:15 PM Networking Break

2:30 PM Best Practices and Legislative Initiatives - Crossroads to Success

Panel presentations and discussion led by members of the Staff Sub-Committee on Water.

Sue Daly: Legislative Changes Under Consideration in Ohio

Steve Klick : ARM's Three Legs - We're Not in the 70's Anymore

3:15 PM Valencia Water Company - Communication about New Tiered Rates

The presentation covers Valencia Water Company's public outreach efforts, before, during, and after the implementation of a new tiered rate structure. The goals include customer education and customer acceptance.

Moderator Greg Milleman - Vice President, Administration - Valencia Water Company

3:45 PM Networking Break

4:00 PM California 2010 Water Action Plan

Moderator Rami Kahlon

4:30 PM Emergency Response/Restoration in Extreme Tornado Events - Joplin

A review of the water response and restoration efforts following the Joplin, Missouri tornado.

Speaker Frank Kartman - President - Missouri American Water Co.

2:15 PM - 2:30 PM *Networking Break* Platinum Ballroom Foyer

3:45 PM - 4:00 PM Networking
Break...sponsored in part
by AUS Consultants Platinum Ballroom Foyer

5:00 PM - 7:00 PM SEARUC Meeting
(Invitees Only) Olympic II

Tuesday, July 19

7:30 AM - 8:00 AM **Commissioner Only** Plaza I & II
Breakfastsponsored in
part by ITRON

Breakfast to be served
inconjunction with the
Commissioner Workshop.

7:30 AM - 5:00 PM On-Site Registration Open

8:00 AM - 10:00 AM **Commissioner Only** Plaza I & II
Workshop

8:00 AM Getting Your Message Out...Your Way - Part 2

Media/Performance coach Arch Lustberg is returning to NARUC. Building off his successful media-training presentation from the February Winter Committee Meetings, Arch Lustberg will deliver another important session for State commissioners. At the July 19 Commissioner's Only Breakfast (8 a.m.-10:15 a.m.), Arch will help NARUC members focus on getting the right messages out to the several different audiences we face each day. Think about it: you need a message for the industry you regulate, their consumers and the general public, legislators, the financial industry, and your staff. Are you prepared to explain your role in the latest rate increase? Or why the pipeline blew up? What about severe disruptions to service, or, surprises that affect the industry you're regulating? Arch will teach you how to get your message across through the media to the public in a way that's simple, clear, concise, easy-to-understand, and memorable.

Moderator Arch Lustberg - Arch Lustberg
Communications

10:00 AM - 10:15 AM *Networking Break* Platinum Ballroom Foyer

10:15 AM - 11:45 AM **General Session** Diamond Ballroom 5

10:15 AM **The State of Telecommunications: 2011**

Remarks by:

- **Byron L. Dorgan**, US Senator (ret)
- **Randall Stephenson**, Chairman and CEO, AT&T
- **David Cohen**, Executive Vice President, Comcast

Moderator Hon. Tony Clark - NARUC President - Chair, North Dakota
PSC

11:45 AM - 1:00 PM	Commissioners Emeritus Luncheon	Plaza I
11:45 AM - 1:00 PM	Regional Luncheon: MACRUC (invitees only)	Olympic I
11:45 AM - 1:00 PM	Regional Luncheon: MARC (invitees only)	Olympic III
11:45 AM - 1:00 PM	Regional Luncheon: NECPUC (invitees only)	Olympic II
11:45 AM - 1:00 PM	Regional Luncheon: WESTERN (invitees only)	Atrium I
1:00 PM - 5:15 PM	Committee on Consumer Affairs	Salon C, Salon E

1:00 PM **Price Stability**

Joint Meeting with Committee on Gas

The new 'Rush to Gas' presents regulators with one key challenge: How can we protect consumers from the price volatility? New gas plays, higher reserve estimates and faster more efficient drilling techniques are part of the answer but they do not repeal the laws of supply and demand. Regulators need to use their familiar tools and may need to add new tools to deal with market variability. The Bipartisan Policy Center has recently finished their report on how consumers can best capture the benefits of increased natural gas supply. In addition a few states have recently authorized their utilities to enter into long term, fixed price supply contracts.

2:30 PM **Diverse and Emerging Firms in the Gas and Fuel Industries**

Joint Meeting with Committee on Gas and Subcommittee on Utility Marketplace Access

See Committee on Gas for agenda

4:00 PM **Alternative Fuels Vehicles**

Joint Meeting with Committees on Electricity, Energy Resources and Environment and Gas

The issue of utilizing alternative fuels, like electricity and natural gas, for mass transportation on a nationwide scale may not seem like anything new. It's true that vehicles powered by electricity and natural gas have been around for decades, although most were not able to achieve and maintain a strong position in the marketplace. However, a convergence of factors may have reset and redefined the potential for alternative fuel technologies and provided the necessary impetus to bring this technology into the mainstream for the long term.

The utility industry is already investing and moving to expand the alternative fuel transportation market. Across the country collaborative efforts between utilities, infrastructure providers, governments and auto makers are currently underway, preparing communities and consumers to take advantage of alternative fuel vehicle options. However, there are still many questions about the impact of this convergence of the utility and transportation sectors.

Utilities, regulators, auto manufacturers and consumers are at a critical juncture. The regulatory implications of this technology are just beginning to come to light. Everything from impacts on the local distribution systems of utilities, to transmission upgrades that will accommodate more of these vehicles in communities; from the establishment of rate structures that would enable consumers to utilize this technology, to ensuring implementation is done in a way that won't be detrimental to utility operations and other consumers, These are all areas where regulators will play an important role.

This discussion will focus on the following:

- Identifying and prioritizing those areas where there will be an impact on the regulatory paradigm
- Identifying the gaps in current regulatory policies
- Determining what additional information/education is needed

Moderator Hon. Matt Baker - Commissioner - Colorado PUC

Panelists Hon. Orjiakor Isiogu - Chairman - Michigan PSC

Michael W. Allman - President and CEO - Southern California Gas Co.

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Hank Courtright - Senior Vice President - EPRI

Robert Graham - Mgr, PEV Readiness Program - Southern California Edison

Alex Keros - Sr. Engineer, Electric & Hydrogen Infrastructure - General Motors

1:00 PM - 5:15 PM **Committee on Electricity** Salon E

1:00 PM Subcommittee on Nuclear Issues-Waste Disposal

* Program Overview-- *Hon. David Boyd*, (MN), Chairman Subcommittee on Nuclear Issues-Waste Disposal

* MIT Nuclear Fuel Cycle Study-- *Charles W. Forsberg*, Executive Director, MIT Fuel Cycle Study

* Report and Discussion on the Blue Ribbon Commission on America's Nuclear Future-- Discussion by a representative of the Blue Ribbon Commission on the work of the Commission to consider alternative strategies for solving the problems of the back end of the nuclear fuel cycle to fulfill the Federal Government's obligation to dispose of the Nation's used nuclear fuel.

* Report of Staff Subcommittee on Nuclear Issues-Waste Disposal-- *Sarah Hofmann*, Chair

* Report of NARUC Nuclear Waste Program Office -- *Brian O'Connell*, Director

* Subcommittee on Nuclear Issues - Waste Disposal: Conclusion and Adjourn-- *Hon. David Boyd*

2:30 PM Electricity Storage: Just 'Watt' We Need for the 'Current' Crisis

Joint Meeting with Committee on Energy Resources and the Environment

In some circles, storage is seen as the holy grail of electricity technologies, transforming an enormous system that delicately balances supply and use in real time and allowing a host of new resources to be integrated into the electricity system. Although batteries, flywheels, thermal energy storage, compressed air, pumped hydro and other technologies are developing quickly, several storage technologies remain in research and development, and no clear frontrunner exists at grid-scale. In this session, experts from the public and private sector will present the landscape of energy storage technologies, discuss how to value storage (and how to realize benefits faster), and describe the outlook for success or failure of different technologies and the market for electricity storage.

3:45 PM Networking Break

4:00 PM Alternative Fuels Vehicles

Joint Meeting with Committees on Energy Resources and the Environment, Gas and Consumer Affairs

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1:00 PM - 5:15 PM **Committee on Energy** Salon A & B
 Resources and the
 Environment

1:00 PM Business Meeting

1:00 Distribute, Discuss and Vote on Resolutions

1:45 Miscellaneous Reports

- Report on ECC Committee
- Chris Mele, NARUC Washington Report
- Miles Keogh, NARUC Grants & Research Report
- Tom Stanton, NRRI Report
- Barbara Tyran, EPRI Activity Update
- Ron Edelstein, GTI Activity Update
- Roger Hamilton, Western Grid Group clean energy vision

2:00 Roundtable Discussion on Clean Energy and Air Planning

2:30 PM Electricity Storage: Just 'Watt' We Need for the 'Current' Crisis

Joint Meeting with Committee on Electricity

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electricity storage.

Moderator Hon. Jeanne Fox - Commissioner - New Jersey BPU

Panelists Haresh Kameth - Senior Project Manager - EPRI
Steve Minnihhan - Research Associate - Lux Research
Imre Gyuk - Program Manager - ARPA-E (invited)

2:30 PM **Energy Storage**

Joint Meeting with Committee on Electricity

3:45 PM **Networking Break**

4:00 PM **Alternative Fuels Vehicles**

Joint Meeting with Committees on Electricity, Gas and Consumer Affairs.

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1:00 PM - 5:15 PM

Committee on Gas

Salon C

1:00 PM Price Stability

Joint Meeting with Committee on Consumer Affairs and Subcommittee on Utility Marketplace Access

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Moderator Hon. Lee Solomon - President - New Jersey BPUC

Panelists Ralph Cavanagh - Energy Program Director - National Resources Defense Council
Greg Staple - American Clean Skies Foundation
Gregg Kantor - Northwest Natural Gas
James Zadvorny - Director, Business Dev. - EnCana Marketing

2:30 PM Diverse and Emerging Firms in the Gas and Fuel Industries

Joint Meeting with Committee on Consumer Affairs and Subcommittee on Utility Marketplace Access

Recent increases in shale gas discoveries and lower GDP have resulted in lower natural gas prices. This has created opportunities and challenges for diverse and emerging firms serving the growing and dynamic natural gas and fuel industry. This panel of diverse emerging firms and investor-owned utilities will discuss the opportunities and barriers to procurement in the natural gas and fuel supply industries. The panel will also examine the economic benefits to ratepayers and investor-owned utilities in utilizing natural gas and fuel purchased from diverse suppliers. The investor-owned utilities representatives will also discuss their perspective on cutting edge fuel programs and opportunities for diverse and emerging firms within their respective companies.

Willard S. Evans, Jr., President, Peoples Gas and North Shore Gas. Thanks.

Moderator Hon. Erin M. O'Connell-Diaz - Commissioner - Illinois Commerce Commission

Panelists Renard Euell - President - Euell Energy
Willard S. Evans, Jr. - President - Peoples Gas and North Shore Gas
Tamara Walden - Senior Advisor, Energy Commodities - Walden Energy/Yaka Energy
Roy Kuga - Vice President, Energy Supply - PG & E
James P. Harrigan - Vice President, Gas Acquisition - SCG

3:30 PM Business Meeting

The Committee on Gas will review and discuss relevant resolutions.

4:00 PM **Alternative Fuels Vehicles**

Joint Meeting with Committees on Electricity, Energy Resources and Consumer Affairs

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- Determining what additional information/education is needed

Moderator Hon. Matt Baker - Commissioner - Colorado PUC

Panelists Hon. Orjiakor Isiogu - Chairman - Michigan PSC
Michael W. Allman - President & CEO - Southern California Gas Co.
Dr. Kathryn Clay - Executive Director - CATA
Hank Courtright - Senior Vice President - EPRI
Robert Graham - Mgr, PEV Readiness Program - Southern California Edison
Alex Keros - Sr. Engineer, Electrical & Hydrogen Infrastructure - General Motors

1:00 PM - 5:15 PM **Committee on** Salon D
 Telecommunications

1:00 PM **Business Meeting: Discussion of Resolutions**

2:30 PM **Business Meeting Continued**

Moderator Cynthia Quarterman - PHMSA Administrator - Department of Transportation

8:30 AM The Money Pit: How Do You Finance the Future, and Who Pays for It?

Replacing and upgrading our nation's electrical infrastructure could cost up to \$1 to \$3 trillion over the next several years. Add to that the billions anticipated for replacing aging natural gas pipelines, and another trillion for updating our water delivery system as well. Not to mention the government's effort to expand broadband and reform the Universal Service Fund to pay for it. These numbers are staggering on their own, but when added together, they are mind-boggling. Are these estimates accurate? Can we afford it? Can we afford not to pay for it? This panel will bring a collection of leading experts from the four main utility sectors - water, gas, electricity, and telecommunications - along with State officials and consumer advocates. No stone will be left unturned ---This is an all-hands-on-deck conversation that you can't afford to miss.

Moderator Hon. Tony Clark - President, NARUC - Chairman, ND PSC

Panelists Jeff Sterba - President & CEO - American Water Company
John W. Somerhalder, II - AGA Chairman, Chair, Pres. & CEO - AGL Resources Inc.
Nick Akins - President - American Electric Power
Scott Hempling - Executive Director - NRRRI
Joe Como - Acting Director - Div. of Rate Payer Advocate, CA PUC
Richard Cortright - Mging, Dir. US Utilities/Infrastructure - Standard and Poor's
Anna-Maria Kovacs - Founder - Strategic Choices
Hon. Betsy Wergin - Commissioner - Minnesota PUC
Allan Bradley - CEO of Questar Pipeline - Chairman of INGAA

10:15 AM - 10:30 AM *Networking Break* Platinum Ballroom Foyer

10:30 AM - 11:45 AM **Joint Meeting** Salon E

10:30 AM The Events at the Fukushima Nuclear Plant: What it May Mean for the United States

Joint Meeting of the Committees on Consumer Affairs, Critical Infrastructure, International Relations, Electricity, Energy Resources and the Environment, Gas and Water.

What happened when the earthquake and tsunami caused a loss of primary and backup power to the Fukushima Daiichi nuclear complex in March? What does it mean for the 104 nuclear reactors in the U.S.-could similar damage occur here? We will discuss what influence events at Fukushima may have on building new nuclear plants and what this might mean for goals for reduced carbon emissions in view of the fact that nuclear power now accounts for 70 percent of U.S. emissions-free electricity generation.

Moderator Hon. David Boyd - Commissioner - Minnesota

Panelists Dr. Per Peterson - Head, Nuclear Engineering Dept. - University of California, Berkeley
Elmo Collins - Director, Region IV - U.S. Nuclear Regulatory Commission
Sharon Bonelli - Managing Director - Fitch Ratings
Paul Genoa - Director, Policy Development - Nuclear Energy Institute

10:30 AM - 11:45 PM **Committee on Telecommunications** Salon D

10:30 AM **Mergers: The Road to Duopoly or Path to Competitive Panacea?**

The telecommunications industry has seen a steady stream of mergers and consolidations in recent years. Some view this as building strong competitors needed to compete head-to-head in a dynamic market. Others view consolidation as a means of eliminating competitors to reduce competition and pressure to improve service and/or lower prices. Even before the proposed merger between AT & T and T-Mobile the FCC declined to conclude that the wireless marketplace was "effectively competitive" for the first time since 2003. In its 2010 report on Mobile Wireless Competition the FCC noted the appearance of increasing wireless concentration coupled with higher revenues and declining capital investment. The panel, comprised of industry, regulators and consumer groups, will explore the impacts of the proposed merger and industry consolidation on competition, prices, quality of service and consumers.

Moderator Hon. John Burke - Commissioner - Vermont Public Service Board

Panelists Bob Quinn - Senior Vice President-Federal Regulatory and Chief Privacy Officer - at&t
Charles McKee - VP of Federal and State Government Affairs - Sprint
Hal Singer - Managing Director & Principal - Navigant Economics
Christine Mailloux - Staff Attorney - The Utility Reform Network (TURN)

11:45 AM - 4:00 PM Board of Directors Meeting Salon F - H

1:00 PM - 5:00 PM **(Workshop) Serving National Security: A Conversation with the Department of Homeland Security, Department of Defense and Other Stakeholders** Salon C

1:00 PM **Introduction and Discussion of Concerns and Goals**

A panel of Federal Representatives, Utilities, and State Regulators will provide their perspectives on the issues, and address arenas for common activity such as facilitating smooth communications, planning, developing a best practice Siting model, addressing resource availability, and identifying regulatory issues.

- Commissioner Lib Fleming, Public Service Commission of South Carolina
- (DHS Representative for Assistant Secretary Todd Keil,) Department Homeland Security, Office of Infrastructure Protection

- Mike Warwick, Pacific Northwest National Laboratory

2:00 PM **What Works? Case Studies From The Field**

Moderators Thom Pearce - PUCO

Hon. Terry Jarrett - Commissioner - Missouri PSC

Panelists David Dykes - DoD Executive Team, Southern Company (Warner Robbins Air Force Base On-Base Siting of Utility Power Plant)
Dan Tunicliff - DoD team leader, Southern California Edison (Edwards Air Force Base 400 MW Solar Facility)
Gary Stephenson - Sr. Vice President for Transmission & Distribution, Dayton Power & Light (Wright Patterson AFB)
Ron Cox - VP, Generation Hawaiian Electric Company (Schoefield Barracks and Camp Smith microgrids)

3:00 PM **What Regulatory Tools and Limits Exist?**

Moderator Rick Tempchin - Executive Director, Retail Energy Services, Edison Electric Institute

Panelists Hon. Cheryl Roberto - Commissioner - Public Utilities Commission of Ohio
Hon. Stan Wise - Commissioner - Georgia Public Service Commission
Hon. Carl Caliboso - Commissioner - Public Utilities Commission of Hawaii

3:45 PM **Discussion and direction-setting**

(Facilitated Discussion: Miles Keogh, Dir. Grants & Research, NARUC)

- Developing a Utility / Regulator / Federal communications plan
- Siting Model
- Resource Availability (renewable, others)
- Addressing other regulatory Issues

4:30 PM **Adjourn**

