

NARUC Winter Committee Meetings

Washington, DC
February 14 - 17, 2010

Program by Day

Agenda, meeting times and locations are subject to change

Friday, February 12

1:00 PM - 5:00 PM **Staff Subcommittee** Renaissance East Ballroom
 on
 Telecommunications

1:00 PM **Preliminary Matters**

* Review Agenda

* Other Administrative Matters

1:10 PM **Reports from NARUC**

* Litigation Report - *Brad Ramsay* (NARUC)

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

2:00 PM **Initial Presentation of Resolutions**

3:30 PM **Networking Break**

3:45 PM **Panel I - Legislative Panel**

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

Saturday, February 13

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

9:00 AM **Panel II - Universal Service Funding Reform -Billion Dollar
Baby or a Fistful of Dollars?**

Moderator Vicki Helfrich - (MS)

Panelists Peter Bluhm - Consultant - Rolka, Loube, Saltzer
Associates

Steve Morris - V.P. and Associate General Counsel -
NCTA

Joe Gillan - Consultant - Gillan Associates

Alan Buzacott - Executive Director - Federal Regulatory
- Verizon

David Bartlett - V.P. - Federal Government Affairs -
CenturyLink

10:30 AM **Networking Break**

10:45 AM **Continued Discussion of Resolutions**

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

1:15 PM **Panel III - Broadband Mapping: The Good, The Bad and The Ugly**

Moderator Gene Hand - (NE)

Panelists Jane Patterson - Executive Director - The e-NC
Authority

Karen Jackson - Deputy Secretary of Technology -
Commonwealth of Virginia

Jeff Richter - (WI)

Anne Neville - National Broadband Mapping Program
Director - NTIA

2:45 PM **Subgroup Reports**

* Technology - *Gene Hand* (NE)

* Federal Legislation - *Brian Thomas* (WA)

* Federal Regulation - *Elijah Abinah* (AZ)

* State Regulation - *Joel Shifman* (ME)

* Consumer Issues - *Joe Witmer* (PA)

* Service Quality -

3:15 PM **Networking Break**

3:30 PM **Continued Discussion of Resolutions**

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

10:00 AM - 10:30 AM *Networking Break* Grand Ballroom Foyer

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

12:00 PM **Closed Session: Working Lunch on DOE-ARRA Funding Update**

Miles Keogh - Director, Grants & Research - NARUC

12:45 PM **Closed Session: Subcommittee's Report to NARUC Board of
Directors on NRRI**

1:15 PM **Welcome Remarks**

Hon. John Betkoski - Chair

1:20 PM **Approval of Minutes**

1:25 PM **Reports on Graying Workforce Issue**

Scott Strauss - Attorney - Spiegel & McDiarmid LLP
Scott Hempling - Executive Director - NRRI
Joe Sutherland - Chair - Staff Subcommittee on Executive
Management

1:45 PM NARUC New Commissioner Forum Update

March 22-23, 2010 (4th edition)

Erin Skootsky - Liaison - Subcommittee on Education & Research

1:50 PM Review of Applications for NARUC Support

1:55 PM New Business

2:00 PM Adjourn

** Effective January 2010, university partners are invited to provide verbal briefings at the NARUC Annual Meeting in November and may submit short written reports on interim activities during the Winter and Summer Committee meetings.*

1:00 PM - 5:00 PM **Revisiting Nuclear Waste Disposal Policy** Renaissance West A-B

1:00 PM Revisiting Nuclear Waste Disposal Policy

With the Obama Administration declaring its intent to terminate the plan to build a repository at Yucca Mountain for disposal of nuclear waste and to convene a "Blue-Ribbon" commission to evaluate alternatives and recommend a new disposal strategy, what will that mean for the used nuclear fuel now stored at commercial reactors in 34 States? Presentations will be made on various storage, reprocessing and disposal questions. That will lead to a discussion among commissioners on how NARUC should represent ratepayer interests with the Commission and Congress.

Hon. David Wright - Commissioner - South Carolina PSC

1:05 PM Remarks

Hon. David Coen - President -
NARUC

1:10 PM Department of Energy Update

A review of the FY 2011 DOE Budget proposal

Speaker Patrick R. Schwab, Ph.D. - Nuclear Engineer - U.S.
Department of Energy

1:20 PM Status of the Blue Ribbon Commission

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

1:30 PM Congressional Outlook

Chris Mele - Legislative Director -Energy -
NARUC

1:45 PM **Revisiting Nuclear Waste Disposal Policy**

Christopher Guith - Vice President, Policy - Institute for 21st Century
Energy

2:15 PM **GAO Report on Yucca Mountain and Two Alternatives**

Speakers Mark Gaffigan - Dir. Energy Issues, Natural Resources -
Government Accountability Office
Mehrzaad Nadji - Senior Economist, Applied Research -
Government Accountability Office

2:45 PM **Nuclear Industry Used Fuel Strategy**

Steven Kraft - Director, Waste Management - Nuclear Energy
Institute

3:00 PM **Networking Break**

3:15 PM **Closing the Fuel Cycle**

What is the outlook for reprocessing in this country? What are the
costs and benefits? How long will it be before advanced technology
methods are ready for production scale operations?

Dr. Mark Peters - Deputy Director for Programs - Argonne National
Laboratory

3:45 PM **Central Storage**

Is it possible to develop a central interim storage facility away from
present reactor sites, in view of the latest delay in permanent disposal--
or in conjunction with a reprocessing plant? Are there volunteers who
might support such a facility?

Speaker Marshall Cohen - State and Local Government Affairs -
Nuclear Energy Institute

4:00 PM **Panel: Where Are We Heading?**

Past participants and present observers share their thoughts about the
current situation and the expectations from a blue-ribbon commission.

4:30 PM **Commissioners Roundtable**

What do commissioners from around the country think about the
nuclear waste situation? Do present policy positions remain valid or do
we need a policy "re-boot?" Is there something NARUC and States
should be doing now?

Hon. David Wright - Commissioner - South Carolina Public Service
Commission

5:00 PM **Adjourn**

3:00 PM - 3:30 PM *Networking Break* Grand Ballroom Foyer

Sunday, February 14

7:30 AM - 6:30 PM ***On-Site Registration*** Grand Ballroom Foyer
Open

8:30 AM - 12:30 AM **FERC/NARUC:** Grand Ballroom Central
Demand Response
Collaborative
(Joint with the Smart
Grid Collaborative)

8:30 AM **Welcome and Introductions**

8:45 AM **Intersection of Demand Response and Smart Grid**

Speakers LBNL

Hon. Allen Freifeld - Veridity Energy

9:15 AM **Collaborative Combination Discussion**

Speakers Hon. Jon Wellinhoff - Co-Chair, Smart Grid
Collaborative - FERC

Hon. Frederick Butler - Co-Chair, Smart Grid
Collaborative - NJ BPU

Hon. John Norris - Co-Chair, Demand Response
Collaborative - FERC

Hon. Phyllis Reha - Co-Chair, Demand Response
Collaborative - MN PUC

9:45 AM **DR Action Plan Update**

Speaker FERC

10:00 AM **Break**

10:15 AM **LBNL Update on Collaborative Support**

Speaker Roger Levy - Levy Associates

10:45 AM **Gateways or Gatekeepers: Smart Grid Information Flow and Use**

The Smart Grid promises to provide energy information to consumers in order to enable active participation with electricity use. In order for consumers to tap into the promised benefits of a smarter grid, there must be clear policy direction and technological standards. Questions include: Who controls the devices communicating energy information? How will demand be reduced (e.g. is this a utility or consumer decision)?

Regulators must also address technical questions around

communications protocols and the type of information that should flow through the meter, or directly to an appliance through a third party application. NIST is working on a priority action plan to establish standards for this interaction; at the same time some States are selecting communications protocols and appliance manufacturers are planning the roll out of 2012 Smart Appliances.

This panel will help regulators understand the current landscape and the technical and policy choices at play for tapping into the power of energy information.

Moderator Rich Sedano - RAP

Panelists Christine Wright - Staff - PUCT
Michael Terrell - Energy Policy Director - Google, Inc.
Kevin Messner - VP Gov't Relations - Assn. of Home Appliance Manufacturers
Wayne Harbaugh - BGE
Wayne Longcore - Director - Consumer Energy
Laurence Daniels - DC People's Counsel

**11:45 AM Demand Response and Smart Grid Demonstration Projects
Success Factors and Challenges**

Speaker DOE

12:20 PM Wrap-Up and Closing Remarks

12:30 PM Adjourn

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Speaker DOE

12:20 PM **Wrap-Up and Closing Remarks**

12:30 PM **Adjourn**

9:00 AM - 12:00 PM **Ad Hoc Committee** Congressional A
on Utility Market
Access

9:00 AM **Opening Remarks**

Hon. Harold D. Williams - Commissioner - Maryland Public Service Commission

9:05 AM **Green Energy Business Opportunity Conference**

Overview will be presented to the Committee.

Stanley Tucker - Event Chair/President - President's Roundtable

9:10 AM **Anybody Can Serve Campaign Update**

Hon. Colette D. Honorable - Chairwoman - Arkansas Public Service Commission

9:30 AM **Panel One: Diverse Emerging Firms in the Clean Energy and Technology Sector-Emerging Firms Perspective**

This panel will examine the advancement of diverse emerging firms in the energy and technology sector of the utilities. The panel will also discuss Community Banking - Line of Credit and the Community Reinvestment Act.

Moderator Hon. Lori Murphy Lee - Commissioner - District of Columbia PSC

Panelists Hon. Monique LaChappa - Chairwoman - Campo Kumeyaay Nation

Karl A. Simmons - Chief Executive Officer - GridSpeak Corporation

Jerome L. Sanders - Managing Director - BITH Energy & Engineering Services

10:45 AM **Panel Two: Diverse Emerging Firms in the Clean Energy and Technology Sector-Utilities' Perspective** (Congressional A)

The utilities will discuss contracting opportunities and outreach efforts in the solicitation of diverse suppliers in energy procurement.

Moderator Hon. Timothy Alan Simon - Commissioner - California Public Utilities Commission

Panelists Mike McClenahan - Director-Procurement & Portfolio Design - San Diego Gas & Electric

Hallie Reese - Vice President of Safety and Strategic Services - Pepco Holdings, Inc.

Representative - Exelon Corporation

11:30 AM **Future of UMAP**

Hon. Harold D. Williams - Commissioner - Maryland Public Service Commission

12:00 PM **Adjourn**

9:00 AM - 12:00 PM **Staff Subcommittee Meeting Room 12-14
on Consumer Affairs**

9:00 AM **Introduction and Welcome Remarks**

Sandra S. Sloane - Director of Consumer Services - NYS Public
Service Commission

9:15 AM **Reports**

- * FCC
- * LIFELINE/LINK-UP
- * SNAP
- * NARUC

9:30 AM **Discussion: Experience So Far With Smart Meters**

Speakers Phil Boyle - OR Public Utility Commission
Phil Enis - CA Public Utilities Commission
Beverly Barker - Idaho Public Utilities Commission

10:15 AM **Networking Break**

10:30 AM **Resolutions**

10:45 AM **State Roundtable (Closed Session)**

12:00 PM **Adjourn**

9:00 AM - 2:45 PM **Staff Subcommittee Grand Ballroom North
on
Telecommunications**

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

Joint Board Reports:

- * Separations(80-286) - Lori Kenyon (AK)
- * Universal Service (96-45)/706 Conference Update - Cary Hinton
(DC)
- FCC Report - Tim Peterson
- NTIA Report - Jim McConnaughey
- RUS Report - Gary Allan
- NRRI Report - Scott Hempling/Joe Hecker

10:00 AM **Final Discussion of Resolutions**

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

1:15 PM **Panel IV - Privacy Issues Surrounding Cybersecurity - True
Crime or Every Which Way But Loose?**

Moderator Peter Pescosolido - (CT)

Panelists Robert Mayer - Chairman - Communications Sector
Coordination Council (CSCC)/Department of Homeland
Security Critical Infrastructure Partnership
Jules Polonetsky - The Future of Privacy Forum
Roy Lathrop - NCTA
Representative - Neustar

2:45 PM **Adjourn**

10:00 AM - 10:30 AM **Networking Break** Grand Ballroom Foyer

10:00 AM - 5:00 PM **Committee on Congressional B
Critical Infrastructure
(Joint with Staff
Subcommittee on
Critical
Infrastructure)**

10:00 AM **CI Workshop: Building the Breakdown** (Closed Session)

Help prepare for the next emergency event before it happens!
This unique toolkit development workshop will allow participants to
react to a set of hypothetical scenarios in order to gain a better
understanding of the commissions role in critical infrastructure
protection (CIP), utility interdependencies, regional coordination
issues, and State/federal jurisdictional boundaries. Participants will
be asked to help review previous exercises and help build the toolkit
for deployment of tabletop exercises in three to five States in 2010.

Miles Keogh - Director, Grants and Research -
NARUC

12:30 PM **Lunch (on your own)**

1:30 PM **CI Committee Business Meeting**

- * Welcome
- * Resolutions
- * Member Updates
- * Washington Updates

Speakers Hon. Elizabeth Fleming - Commissioner and CI
Committee Chair - South Carolina PSC
Thom Pearce - Chair of NARUC Staff Subcommittee on
Critical Infrastructure - Ohio PUC

2:00 PM **ARRA State and Local Energy Assurance Planning and
Implementation**

This session will provide the latest updates to the Recovery Act and
its two main goals: to "facilitate recovery from disruptions to energy
supply," and "enhanced reliability and quicker repair of outages." The

Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Initiative is focused on updating State energy assurance and preparedness planning, integrating new energy portfolios into those plans, and enhancing new applications such as Smart Grid technologies.

Moderator Paula Scalingi, Ph. D. - Director - Pacific Northwest Center for Regional Disaster Resilience

Panelists Alice Lippert - Infrastructure Security & Energy Restoration - U.S. Dept. of Energy, Office of Electricity Delivery & Energy Reliability
Jeff Pillon - Director of Energy Assurance - NASEO

3:20 PM Security Threats Affecting Critical Infrastructure Protection and Energy Assurance

The Homeland Infrastructure Threat and Risk Analysis Center (HITRAC) incorporates analysis from the Office of Infrastructure Protection and the Office of Intelligence and Analysis at the U.S. Department of Homeland Security. HITRAC creates actionable risk-informed analysis for federal, State, local, tribal, territorial, private sector, and international partners.

Speaker Steve Herrin - Homeland Infrastructure Threat & Risk Analysis Center (HITRAC) - U.S. Department of Homeland Security

3:40 PM U.S. EPA's Community-Based Water Resiliency Project

EPA's new Community-Based Water Resiliency project is designed to increase the overall preparedness of communities in the event of a water service interruption, through a better understanding of water interdependencies and a better integration of the water sector into community emergency preparedness and response efforts, and by developing and delivering tools and information that enable utilities to better incorporate security practices into their operations.

Speaker Laura Flynn - Water Security Division - U.S. EPA

3:50 PM Understanding & Protecting Our Critical Natural Gas Infrastructure

Speaker Edward Johnston - Managing Director, Delivery Sector - GTI

4:10 PM Coordination and Assurance of Critical Utility Service Delivery

A view of the challenges and responses by the utility sectors to assure delivery of vital utility services, including a discussion of interdependencies.

Speakers Susan Moore - Director, Telecom Management Division -
U.S. Dept. of Agriculture
Nicholas Santillo, Jr. - Senior Manager, Operations
Security - American Water
George Gacser - Manager, Emergency Management -
PEPCO
Matt Wombacher - Protective Security Advisor, Capital
Region - Department of Homeland Security

5:00 PM Adjourn

10:00 AM - 5:00 PM **Staff Subcommittee** Congressional B
 on Critical
 Infrastructure
 (Joint with
 Committee on
 Critical
 Infrastructure)
Please find the agenda
as listed for the
Committee on Critical
Infrastructure

12:30 PM - 4:00 PM **Committee on** Renaissance West A
 International
 Relations

12:30 PM Welcome and Introductions

Hon. Arnetta McRae - Chairman, International Relations Committee
- Chairman, Delaware Public Service Commission
Hon. Gaétan Caron - Co-Vice Chair, International Relations
Committee - Chair and CEO, National Energy Board, Canada
Hon. David Armstrong - Co-Vice Chair, International Relations
Committee - Chairman, Kentucky Public Service Commission

12:40 PM Approval of the Minutes and Resolutions

**12:45 PM Climate Change, Energy Security and Resources for Developing
Countries**

Dr. Mishkat Al Moumin - Former Minister of the Environment in
the transitional government of Iraq

**1:05 PM The Future of Climate Change After Copenhagen
(Joint with Committee on Energy Resources and the
Environment)**

Moderator Hon. Dian M. Grueneich - Commissioner - California
Public Utilities Commission

Panelists His Excellency Peter N.R.O. Ogego - Ambassador of
Kenya to the United States
Christian Stenberg - First Secretary - Embassy of
Denmark to the United States
Vicki Arroyo - Director of State/Federal Climate
Resource Center - Georgetown University

2:15 PM USAID Energy Developments

Speakers Dr. Robert Ichord (invited) - Chief, Energy &
Infrastructure - Bureau for Europe & Eurasia, USAID
Representative - EGAT/USAID

**2:45 PM Staff Introductions & Update on Recent Activities of
NARUC/USAID Programs**

Speakers Erin Skootsky - Director, NARUC International Programs
Martina Schwartz - Manager, NARUC International
Programs
Matthew Gardner - Senior Program Officer, NARUC
International Programs
Christopher Mahon - Senior Program Officer, NARUC
International Programs
Bevan Flansburg - Program Officer, NARUC International
Programs
Jargalan Jambaldorj - Program Officer, NARUC
International Programs

2:55 PM Report from International Relations Staff Subcommittee

Denise Parrish - Chair of International Relations Staff
Subcommittee - Deputy Administrator, Office of Consumer
Advocate, Wyoming Public Service Commission
Raman Ravishankar - Co-Chair of International Relations Staff
Subcommittee - Senior Administrator, Public Utilities Commission
of Ohio

**3:05 PM Commissioner Roundtable on Current and Future International
Activities**

Status Report on the activities of the International Confederation of
Energy Regulators (ICER)'s Working Groups
* Working Group 1: Reliability and Security of Supply
* Working Group 2: Regulatory Role in Climate Change
* Working Group 3: Competitiveness and Affordability
* Working Group 4: Training, Education, Best Practices for
Regulators

3:35 PM Update from Educational Partners in International Relations Training and Support

Dr. Mark Jamison - Director - Public Utilities Research Center,
University of Florida

Dr. Jan Beecher - Director - Institute of Public Utilities, Michigan
State University

Others

3:50 PM Open Discussion/Other Business

4:00 PM Adjourn

1:00 PM - 3:00 PM **Task Force on** Meeting Room 12-14
 Climate Policy

1:00 PM Executive Session (State commissioners, staff & advisors only)

- 1) Introductions
- 2) Washington Report
- 3) Review of January climate strategy meeting
- 4) Discussion of legislative strategy for 2010

Hon. Rick Morgan - Commissioner - District of Columbia PSC

Charles Gray - Executive Director - NARUC

Chris Mele - Legislative Director --Energy - NARUC

2:30 PM Public Session (open to the public)

- 1) Introductions
- 2) Stakeholder input session: Brief statements from stakeholders;
distribution of any handouts
- 3) Announcements of forthcoming TFCP events/activities

Hon. Rick Morgan - Commissioner - District of Columbia PSC

3:00 PM Adjourn

1:00 PM - 5:00 PM **Committee on** Grand Ballroom South
 Consumer Affairs

1:00 PM Welcome and Introductions

1:15 PM Miscellaneous Reports

Speakers Joel Gurin - Chief of the Consumer and Governmental
Affairs Bureau - FCC

Hon. Colette Honorable - Chair - Anyone Can Serve...
Campaign

Representative - FTC

Representative - NRRI

2:25 PM NASUCA Update

New NASUCA President, Mary Healey, Connecticut Office of Consumer Counsel

2:45 PM Networking Break

3:00 PM Low-Income Energy Assistance Programs - Now More Important Than Ever!

As the gap between home energy costs and the ability of customers to bear those costs widens, the need for energy assistance grows even greater during these economically challenging times. As a result, Energy Assistance (EA) programs, funded by utilities and their customers, are needed to make electricity and natural gas more affordable for low income households. In monitoring such programs, regulators should strive to assure that each dollar expended on EA initiatives returns the highest possible dividend, without seriously impeding other regulatory objectives. The panel will draw upon the experiences of the panelists to discuss which features of EA initiatives can contribute to their effectiveness, and what questions regulators need to consider for existing or future utility EA initiatives.

Moderator Hon. Patricia Acampora - Commissioner - New York State Public Service Commission

Panelists Hon. Wayne Gardner - Commissioner - Pennsylvania Public Utilities Commission
John Howat - National Consumer Law Center
Ken Costello - Principal - NRRI

4:00 PM Lifeline Eligibility Verification - State Actions and Best Practices

Moderator Hon. Anne Boyle - Commissioner - Nebraska Public Service Commission

Panelist Bob Casey - Florida Public Service Commission

4:30 PM Consideration of Resolutions

5:00 PM Adjourn

1:00 PM - 5:00 PM **Staff Subcommittee** Meeting Room 6
on Pipeline Safety

1:00 PM PHMSA Reauthorization

Discussion Topics

1. Review and approval of Summer meeting minutes
2. Discussion of Current Issues
3. Future Issues Discussion
4. Schedule for Summer Meeting in Portland

on Electricity

1:15 PM - 5:00 PM **Staff Subcommittee on Electricity** Grand Ballroom Central
(Joint with Staff Subcommittee on Electric Reliability)

1:15 PM **Introduction and Welcome Remarks**

1:20 PM **The Future of the Grid: Transmission Planning, Siting and Renewables Integration in the New Decade**
Interregional Planning and Integration of Renewables

With the recent award of Stimulus Bill money for interconnection-wide planning, and the pendency in Congress of sweeping energy legislation that may cap greenhouse gas emissions, establish a national renewable portfolio standard and increase the likelihood of federal preemption over the siting of major transmission lines, the electric grid has never been a more important subject of policy debate than it is today. The purpose of this session is to explore some key regulatory issues that can be expected to dramatically reshape the ongoing development of the electric grid over the next decade.

The fact that region-wide transmission planning efforts are underway in both the Eastern and Western Interconnections is unprecedented. How will these efforts be undertaken and what kind of outcomes can we expect to result? Intermittent renewable resources will inevitably provide a much higher percentage of our electricity in 10 years than they do now. What will such increased reliance on renewables require in terms of additional infrastructure in order to assure that intermittency does not adversely affect reliability, and, specifically, what regulatory changes are needed to facilitate the development of this needed infrastructure? To the extent that we will be relying on additional renewable resources, major new transmission lines will be needed to access those resources. What are the biggest constraints facing the development of such resources, and what are the best policy tools to manage those constraints? And finally, this needed new transmission infrastructure will be expensive and will in many cases move energy across multiple states from where the resources are to where the load is. Who will pay for this new infrastructure, and what are the optimal ways to allocate the costs of these projects among project beneficiaries?

Moderators Diane Barney - Chair - Staff Subcommittee on Electric Reliability

Laurence G. Chaset - Chair - Staff Subcommittee on Electricity

Panelists John Buechler - Executive Regulatory Policy Advisor-NYISO - Eastern Interconnection Planning Collaborative
Mason Emmett - Office of Energy Policy and Innovation - FERC
Udi Helman - Integration of Renewable Resources Program - California ISO
Bill Malcolm - Manager, State Regulatory Relations - Midwest ISO
Rick Gonzales - Vice-President, Operations - New York ISO

3:00 PM Networking Break

**3:15 PM The Future of the Grid: Transmission Planning, Siting and Renewables Integration in the New Decade - continued
Siting Challenges and Cost Allocation**

Moderators Diane Barney - Chair - Staff Subcommittee on Electric Reliability

Laurence G. Chaset - Chair - Staff Subcommittee on Electricity

Panelists Les Starck - Vice President, Local Public Affairs - Southern California Edison Co.
Jim Melia - Staff Attorney - Pennsylvania Public Utility Commission
Scott Hempling - Executive Director - NRRI
Bill Smith - Executive Director - Organization of MISO States

5:00 PM Adjourn

2:30 PM - 3:30 PM ***Networking Break*** Grand Ballroom Foyer
Sponsored in part by
AUS Consultants

3:00 PM - 4:00 PM **Regional** Meeting Room 10-11
Transmission
Planning Group
Invitation Only

3:00 PM - 5:00 PM **Committee on Gas** Meeting Room 8-9

3:00 PM Biogas Opportunities: An Examination of the Economics of Pipeline Biomethane and other Renewable Gas Resources and the Need for Federal Incentives

This panel will examine a number of emerging opportunities in the biogas arena, including wastewater biomethane and other alternatives. Panelists will discuss the economics of these alternative fuels, conditioning costs, pipeline quality and safety standards, greenhouse gas mitigation potential, environmental cobenefits, and gaps in the federal Investment Tax Credit and Production Tax Credit for pipeline renewable gas development, and an analysis of existing legislation supporting specific tax credits.

Moderator Hon. Timothy A. Simon - Chairman, DOE/LNG, Co-Vice Chair, Committee on Gas - California PUC

Panelists Michael Petras - NextFuels
Hal Snyder - Sempra
David Freeman - TeamOne Energy
Ron Edelstein - Director, Regulatory and Government Relations - Gas Technology Institute

4:00 PM Resolutions and Reports

- * Ken Costello, Principal, Natural Gas/Research, NRRI
 - * Ron Edelstein, Director, Regulatory and Government Relations, GTI
 - * Chairperson Simon, NARUC/DOE Phase V of the State & Federal LNG Partnership
- Hon. G. O'Neal Hamilton - Chair, Committee on Gas - PSC South Carolina

5:00 PM Adjourn

3:00 PM - 5:00 PM **Staff Subcommittee** Congressional A
 on Energy Resources
 and the Environment

3:00 PM Introductions, Agenda and Resolution Review, and Miscellaneous Business

(CLOSED SESSION)

Tina Palmero - Co-Chair - NY PSC
Annunciata Marino - Co-Chair - PA PUC

4:00 PM Miscellaneous Reports

- * Distribute Resolutions
- * Miscellaneous Reports
- * *Hon. Rick Morgan*, DC PSC, Climate Task Force
- * *Miles Keogh*, NARUC Grants and Project Updates

- * *Chris Mele*, NARUC Washington Report
- * *Barbara Tyran*, EPRI Activity Update
- * *Ron Edelstein*, GTI Activity Update
- * *Scott Hempling*, NRRI Report
- * *Reed Hundt*, Green Bank Initiative

4:30 PM **Special Report on Solar Program Developments**

Jennifer DeCesaro - US DOE

4:45 PM **Discussion of and Decisions on Resolutions**

5:00 PM **Adjourn**

3:00 PM - 5:00 PM **Subcommittee on** Meeting Room 12-14
Clean Coal

3:00 PM **Carbon Capture and Storage (CCS)**

- * Can Carbon Capture and Storage Become Commercial in the United States?
- * Updates on DOE's CCS efforts, Stimulus activities and newest Round of Clean Coal Power Initiative Round III demos.
- * Potential Job Benefits of Advanced U.S. Coal Generation with CCS Technologies
- * Copenhagen Update

Moderator Hon. David Ziegner - Chairman - Indiana PUC

Panelists Jeffrey P. Price - Managing Partner - Bluewave Resources, LLC
Robert W. Gee - President - Gee Strategies Group, LLC
Joseph Giove - Senior Program Manager - DOE Office of Fossil Energy
Eugene M. Trisko - Attorney at Law - Council to ACCCE and United Mine Workers

3:00 PM - 5:00 PM **Washington Action** Meeting Room 2
meeting
(Commissioners/Staff
only)

3:00 PM **Introductions, Roll Call and Opening Remarks**

Hon. Phil Jones - Co-Chair - Washington Action - Washington Utilities & Transportation Commission

Hon. Kevin Gunn - Co-Chair - Washington Action - Missouri Public Service Commission

3:10 PM **Special Presentation on Nuclear Energy Legislation/Regulatory Affairs**

Hon. David Wright - Commissioner - Public Service Commission of South Carolina

Paul Genoa - Director of Policy Development - Nuclear Energy Institute

3:30 PM NARUC, Capitol Hill and Federal Policy Updates

Speakers Charles Gray - Executive Director - NARUC
James Ramsay - General Counsel - NARUC
Robin Lunt - Assistant General Counsel - NARUC
Chris Mele - Legislative Director, Energy - NARUC
Brian O'Hara - Director, Telecommunications - NARUC
Brian O'Connell - Director, Nuclear Waste Program - NARUC

4:00 PM Business Meeting

* Reports from NARUC Committees and Task Forces
* Agenda and Program for Annual Meeting

4:15 PM Commissioner Perspectives/State and Regional Issues

Action items and updates from Commissioners and staffers

4:45 PM Overview/Wrap Up

Review of old business

5:00 PM Adjourn

3:30 PM - 5:00 PM **Committee on Water** Congressional C
Water Utility Rate
School (invitees only)

4:00 PM - 5:00 PM **Committee on Energy** Congressional A
Resources and the Environment

1:00 PM **The Future of Climate Change After Copenhagen** (Renaissance West A)

(Joint with Committee on International Relations-Optional)

Please find agenda as listed with Committee on International Relations

4:00 PM Resolutions and Miscellaneous Reports

Speakers Hon. Rick Morgan - DC PSC
Miles Keogh - NARUC
Chris Mele - NARUC
Barbara Tyran - EPRI
Ron Edelstein - GTI
Scott Hempling - NRRI
Reed Hundt - Green Bank Initiative

4:30 PM Special Report on Solar Program Developments

Speaker Jennifer DeCesaro - US Department of Energy

4:45 PM **Discussion and Decisions on Resolutions**

4:00 PM - 5:00 PM **Committee on** Grand Ballroom North
Telecommunications

4:00 PM **Initial Consideration of Resolutions**

5:00 PM **Adjourn**

4:00 PM - 5:00 PM **Staff Subcommittee** Meeting Room 4
on International
Relations

4:00 PM **Welcome and Introductions**

4:10 PM **Optimal Management of Utility Assets**

The management of physical assets plays a significant role in determining operational performance and profitability for utilities. Proper asset management minimizes the cost of a physical asset over its entire life, rather than with a focus only on the near term. The British Standards Institute has adopted PAS 55 which provides extensive guidance -- including a 28-point checklist -- regarding good practices in physical asset management. It is designed to provide best practice guidance for successful implementation of asset management.

This standard has the potential to become the new international benchmark in asset management. It has the potential to improve a utility's bottom line and to enhance operational performance. If properly implemented, it may provide clear evidence of good practices to customers, investors, and regulators. Additionally, it assists in providing assurance that cost/benefits, risk management, sustainability, and a focus on customers are not just talk but are delivered through capital project implementation.

John Shearman - President and CEO - UMS Group Inc.

4:50 PM **Subcommittee Business and Items for the Good of the Order**

Denise Parrish - Subcommittee Chair

5:00 PM **Adjourn**

5:00 PM - 6:30 PM **Welcome Reception** Renaissance Ballroom
Sponsored in part by
National Energy
Marketers Association.

Monday, February 15

7:30 AM - 8:30 AM *Networking Break* Grand Ballroom Foyer
Sponsored in Part by
Petra Solar

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

7:45 AM - 8:45 AM *Regional Breakfast:* Meeting Room 3
MACRUC

7:45 AM - 8:45 AM *Regional Breakfast:* Meeting Room 4
SEARUC

7:45 AM - 8:45 AM *Regional Breakfast:* Meeting Room 5
Western

9:00 AM - 10:15 AM **General Session** Grand Ballroom South

9:00 AM Opening Remarks and Keynote Address

Hon. Jim Douglas - Governor of Vermont - Chair, National
Governors Association

Hon. Larry Strickling - Assistant Secretary for Communications and
Information - NTIA

Bob Skaggs - President and CEO - NiSource, Inc. and Chair, AGA

10:15 AM - 10:30 AM *Networking Break* Grand Ballroom Foyer
Sponsored in part by
ITRON

10:30 AM - 11:30 AM **Subcommittee on** Grand Ballroom Central
Nuclear Issues- Waste
Disposal

10:30 AM Greater Uncertainty in Nuclear Waste

The disposition of spent nuclear fuel from commercial reactors had been considered settled since the Nuclear Waste Policy Act set policy in 1982, again in 1987, when Yucca Mountain was chosen for study. This policy was reaffirmed in 2002 when Congress approved that site subject to having the underground repository being licensed by the Nuclear Regulatory Commission. The Obama Administration in 2009 announced its decision to "terminate" the Yucca Mountain plan

and instead appoint a "blue-ribbon" commission to evaluate alternatives and recommend a disposal strategy for both commercial and government-managed high-level radioactive waste. Doing so requires a change in the law.

NARUC policy was re-affirmed in 2008 to basically persist in urging the federal government to fulfill its statutory and contractual obligation to remove the spent fuel from reactor storage sites for safe permanent disposal. NARUC has also called for fundamental reform of how the Nuclear Waste Fund, into which nuclear utilities and their ratepayers have paid over \$31 billion in fees and interest, is managed.

This session will be a reconsideration of NARUC policy and how to represent the ratepayers' interests before the blue-ribbon commission.

Moderator Hon. David Wright - Commissioner - South Carolina
Public Service Commission

Panelists Sarah Hofmann - Chair, Staff Subcommittee on Nuclear
Issues - VT DPS
Brian O'Connell - Dir. Nuclear Waste Program Office -
NARUC
Representative - Nuclear Energy Institute

11:15 AM Discussion and Consideration of Resolution

How shall States and NARUC engage with the Blue-Ribbon Commission, Congress and the Administration on both near term and longer range waste management and disposal?

Hon. David Wright - Commissioner - South Carolina Public Service Commission

11:30 AM Adjourn

10:30 AM - 11:45 AM **Staff Subcommittee** Renaissance East
on Water
(Joint with
Committee on Water)
Please find the agenda
as listed for the
Committee on Water

10:30 AM - 4:30 PM **Staff Subcommittee** Meeting Room 7
on Law (CLOSED)

10:00 AM Welcome Remarks

Eve Moran - Illinois

10:05 AM **Member and Guest introductions**

10:10 AM **Reading and vote on 2009 fall meeting minutes**

Paul Duffy - Ohio

10:20 AM **Final review/comments on 2009 NCRA**

11:00 AM **Program planning for 2010 NCRA**

Harry Trebing (invited)

12:30 PM **Lunch (on your own)**

2:00 PM **Program planning continues (Bob Burns issues list)**

4:30 PM **Adjourn**

10:30 AM - 5:00 PM **Committee on** Grand Ballroom Central
Electricity

10:30 AM **Subcommittee on Nuclear Issues - Waste Disposal**

11:30 AM **Panel on Over-the-Counter Energy Derivatives**

Energy legislation pending in Congress threatens to give significant new authority to regulate financial transactions in electricity markets to the Commodity Futures Trading Commission (CFTC). This proposal has raised concerns that CFTC regulation could potentially conflict with the current authority that FERC has over electricity markets, thereby disrupting existing markets that are operating smoothly and effectively in large parts of the country. This panel will describe what this pending legislation seeks to accomplish and will describe the possible impacts on energy markets if the CFTC is given expanded authority by Congress.

Moderator Hon. Garry Brown - Chairman - New York State Public Services Commission

Panelists Elizabeth Moler (invited) - Ex. VP, Government Affairs and Public Policy - Exelon Corporation
Jeff Walker (invited) - Vice President - ACES Power Marketing
Representative (invited) - U.S. Congress

1:15 PM **Committee Business Meeting**

Introduction and Welcome Remarks

Hon. Garry Brown - Chair - NARUC Committee on Electricity

1:20 PM **Written Reports**

* National Council on Electricity Policy, *Hon. Jeanne Fox*, New Jersey

* Electric Power Research Institute, *Representative*

* Committee on Critical Infrastructure, *Hon. Elizabeth Fleming*,

South Carolina

* *NARUC Projects, NARUC Staff*

* *National Regulatory Research Institute, Scott Hempling*

* *Staff Subcommittee on Reliability, Diane Barney*

* *Staff Subcommittee on Electricity, Larry Chaset*

1:30 PM Oral Reports

* Subcommittee on Nuclear Issues: Waste Disposal - *Hon. David Wright, South Carolina*

* Clean Coal and Carbon Capture Subcommittee - *Hon. David E. Ziegner, Indiana*

* Legislation Report - *Chris Mele, NARUC*

* Electric Legal Issues Report - *Robin Lunt, NARUC*

2:15 PM FCC REPORT: Conversation with the Hon. Mignon Clyburn, FCC Commissioner

2:45 PM FERC REPORT: Conversation with the Hon. Jon Wellinghoff, FERC Chairman

3:15 PM Networking Break

3:30 PM The Coming Boom in Electric Vehicles: Are We Ready?

Many automakers will be introducing plug-in hybrids and all-electric vehicles to the nation's roadways in the next one to five years. This change in the make-up of the transportation sector is likely to have significant impacts on the nation's electric infrastructure. State utility regulatory commissions have a key role to play in assuring the successful transition of a portion of the gasoline-powered vehicle fleet to electric vehicles. Our commissions will need to take affirmative steps to ensure that the charging of electric vehicles does not have adverse system impacts in terms of reliability, as well as to consider the adoption of tariffs, the development of infrastructure and the implementation of policies to assure that electric utilities will be ready to accommodate the expected growth in electric vehicles.

Toward these ends, this session will explore issues associated with the development of policies and standards to guide and encourage development of electric vehicle metering, home electric vehicle charging infrastructure, commercial and public charging infrastructure, tariff schedules, and, if advisable, incentive programs.

Moderator Hon. James Volz - Chairman - Vermont Public Service Board

Panelists Mark Duvall - Director of Electric Transportation - EPRI
Hal Snyder - Vice President of Customer Solutions - Sempra Utilities

John Mucci - Vice President Engineering & Planning - Con Edison

Rick Tempchin - Interim Executive Director, Retail

Energy Services - EEI
Representative - General Motors Corporation

10:30 AM - 5:00 PM **Committee on Energy Resources and the Environment** Congressional Ballroom

10:30 AM **Committee Business Meeting**

- * Resolution Decisions
- * Other Committee Business

11:10 AM **Special Report on EPA's Climate Program Initiatives**

Sam Napolitano - Director, Clean Air Markets Division - EPA

11:30 AM **Evaluation Measurement and Verification of Energy Efficiency Resources: Current Practices to Estimate Load Impacts and Emerging EM&V Issues**

This presentation will summarize recent research on EM&V practices and emerging issues conducted by LBNL (and Itron) in support of the Leadership Group of the National Action Plan for Energy Efficiency. We conducted approximately 70 interviews with regulators and program administrators in 14 states as well as national-level EM&V experts and reviewed EM&V practices. We will present results on key uses of EM&V studies, perspective of State policymakers on usefulness of EM&V studies, current EM&V planning practices, EM&V funding levels. We also identify and discuss six emerging EM&V issues associated with scaling up and improving EM&V practices under three alternative future scenarios for energy efficiency.

Speakers Chuck Goldman - Group Leader, Electric Markets and Policy Group - Lawrence Berkeley National Laboratory
Mike Messenger - Senior Principal Energy Consultant - Itron Corp

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

1:30 PM **Bill Impacts of Energy Efficiency Programs**

(Joint with the Committee on Consumer Affairs)

As electric and gas companies continue to ramp up their energy efficiency programs -- in some cases in pursuit of all cost-effective energy efficiency savings -- it will be increasingly important for regulators to understand how these programs will affect customers' rates and bills. How are regulators looking at rate and bill impacts? What are the best methods for calculating rate and bill impacts? How are rate and bill impacts weighed against other factors, such as net benefits to customers overall? Are there other factors to consider in assessing rate impacts (such as customer equity and program

participation levels)? Regulators from three states with aggressive energy efficiency programs will describe how they have been addressing these issues.

Moderator Hon. Tim Woolf - Commissioner - MA DPU

Panelists Hon. Dian Grueneich - Commissioner - CA PUC
Hon. Phyllis Reha - Commissioner - MN PUC
Hon. Pat Oshie - Commissioner - WA UTC
Hon. Robert Curry - Commissioner - NY PSC

3:30 PM Hydraulic Fracturing - How to balance the need for new gas supplies with environmental concerns

(Joint with Committee on Gas and Committee on Water)

Please find the agenda as listed for the Committee on Gas

5:00 PM Adjourn

10:30 AM - 5:00 PM Committee on Gas Renaissance West

10:30 AM DOT/PHMSA Report

Introduction: Jeff Wiese, DOT Associate Administrator for Pipeline Safety

Speaker Cynthia L. Quarterman - Administrator - DOT/PHMSA

10:45 AM Moratoria Study Group Report

Introductions: *Hon. G. O'Neal Hamilton*, Moratoria Study Group Chairman

Moderator Dave Harbour - Moratoria Study Group Vice Chairman. Commissioner Emeritus - Regulatory Commission of Alaska

Panelists Hon. Robert M. Pickett - Moratoria Study Group Participant. Chairman - Regulatory Commission of Alaska
Rick Irby - Moratoria Study Project Manager - SAIC
John W. Broderick - Moratoria Study Group Official Observer. Sr. Economist - US Bureau of Land Management, Minerals and Realty Management
Grace D. Soderberg - Moratoria Study Group Participant/Contributor. Director Energy Supply - Edison Electric Institute
Michelle Michot Foss, PhD - Moratoria Study Group Official Observer. Chief Energy Economist and Head - Center for Energy Economics, Bureau of Economic Geology, University of Texas
Chris McGill - Moratoria Study Group Contributor. Managing Director Policy Analysis - American Gas

Association
David Holt - Moratoria Study Group
Participant/Contributor. President - Consumer Energy
Alliance

**1:30 PM The Benefits and Dangers of Hedging in the Natural Gas
Markets**

(Joint with Committee on Consumer Affairs)

Natural gas companies often engage in long-term contracts for the firm delivery of gas at a guaranteed price point (hedging) as a measure to reduce the commodity's price volatility. This form of prognostication sometimes backfires and depending upon market conditions can increase the price of the commodity thereby resulting in higher rates to consumers. This topic will be discussed by a panel that is made up of experts in hedging to consumer advocates to a State commissioner and will provide a diverse discussion on how hedging works and what safeguards State commissions should consider when debating whether this practice is in the public interest.

Moderator Hon. Eddie Roberson - Director - Tennessee Regulatory Authority

Panelists Hon. Monica Martinez - Commissioner - Michigan Public Service Commission
Mary Healey - President - NASUCA
Paul Corby - Senior Vice President - Planalytics
Mike Gettings - CEO - RiskCentrix

3:00 PM Networking Break

**3:30 PM Hydraulic Fracturing - How to balance the need for new gas
supplies with environmental uncertainties**

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

Hydraulic fracturing releases natural gas by injecting highly pressurized water mixed with some sand and a small amount of chemicals through a deep well, lined with steel pipe and sealed with cement, into the ground to break shale rocks and release natural gas.

By enabling access to previously untapped shale basins, hydraulic fracturing has been projected to increase the nation's gas supply by over 35%. Yet, uncertainty about potentially adverse environmental impacts, including concerns about drinking and agricultural water contamination, have raised questions about potential unintended environmental consequences.

This panel will address the basics of hydraulic fracturing, debate the environmental concerns surrounding fracking, and review the technological and policy approaches that may enable access to shale

natural gas while protecting water and other natural resources.

Moderator Hon. Bob Anthony - Chairman - Oklahoma Corporation Commission

Panelists Hon. Barry Smitherman - Chairman - Public Utility Commission of Texas
Steve Heare - Director, Drinking Water Protection Division, Office of Grandwater and Drinking Water - US EPA
Bill Kappel - US Geological Survey
Michael Bahorich - Executive Vice President and Technology Officer - Apache Corporation
Nancy Johnson - Director, Environmental Science and Policy Analysis - DOE Office of Oil and Natural Gas

5:00 PM **Adjourn**

10:30 AM - 5:00 PM **Committee on** Grand Ballroom North
 Telecommunications

10:30 AM **Miscellaneous Reports, Committee Business and Continuation of Resolution Consideration**

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

1:30 PM **Network Neutrality: Do We Need Rules Now?**

Moderator Steve Kolbeck - Commissioner - South Dakota Public Utilities Commission

Panelists Hon. John D. Burke - Commissioner - Vermont Public Service Board
Curt Stamp - President - ITTA
Zachary Katz - FCC
Ben Scott - Policy Director - Free Press
Robert W. Quinn, Jr. - Senior VP Federal Regulatory - AT&T
Joe Waz - Senior VP External Affairs - Comcast
Richard S. Whitt - Washington Telecom and Media Counsel - Google

3:00 PM **Networking Break**

3:30 PM **VoIP Jurisdiction and Classification, Who Should Regulate the Technology of Tomorrow?**

This panel will examine the legal background and discuss the technological systems that make up VoIP, both nomadic and fixed. Panelist will present legal, technological, and policy arguments about how this service should be regulated and the impact this technology will have on consumers.

Moderator Hon. Geoffery Why - Commissioner - Massachusetts
Department of Telecommunications and Cable

Panelists Hank Hulquist - VP, Federal Regulatory - AT&T
Daniel Mitchell - VP, Legal Regulatory - National
Telecommunications Cooperative Association
Christopher White - Managing Attorney - New Jersey
Department of Public Advocate, Division of Rate
Counsel
Daniel Lyons - Asst. Professor - Boston College Law
School

5:00 PM **Adjourn**

10:30 AM - 5:00 PM **Committee on Water** Renaissance East

10:30 AM **Introductions and Welcoming Remarks
(Joint with Staff Subcommittee on Water)**

Introduction of New Officers and Approval of Meeting Minutes from
the Annual Convention.

Speakers Hon. David W. King - Outgoing Chair - Committee on
Water, NMPRC
Hon. John E. Howard - Incoming Chair - Committee on
Water, SCPSC
Hon. John Bohn - Co-Vice Chair - Committee on
Water, CPUC
Hon. Patricia L. Acampora - Incoming Co-Vice Chair -
Committee on Water, NYSPSC
Stacy Marie Starr-Garcia - Co-Chair - Staff Subcommittee
on Water, NMPRC
Sue Daly - Co-Chair - Staff Subcommittee on Water,
PUCO

10:40 AM **Ratemaking Decisions in these Troubled Economic
Times-Perspectives from Wall Street, a Consumer Advocate and
the Water Industry**

Speakers Debra Coy - Managing Director - Janney Montgomery
Scott LLC
Mary J. Healey - Consumer Advocate - CT Office of
Consumer Advocate & President, NASUCA
Charles Firlotte - President & CEO - Aquarion Water
Company & President, NAWC

11:20 AM **Water / Energy Interdependencies: How Water and Wastewater
Utilities Could Generate Energy from Excess Pressure and Flows
via New Technology Involving Micro-Turbines and Related
Electronic Sensors**

Jake Berlin - General Manager & Chief Financial Officer -
Rentricity, Inc.

11:45 AM Adjourn Joint Session

1:30 PM Welcome Remarks

Hon. John E. Howard - Chair - Committee on Water, SCPSC

Hon. John Bohn - Co-Vice Chair - Committee on Water, CPUC

Hon. Patricia L. Acampora - Co-Vice Chair - Committee on Water,
NYSPPSC

**1:40 PM Water System Sustainability-What is a the Role for Economic
Regulators? How Best Can Jurisdictional Water Companies
Utilize the Aspen Institute Report Recommendations?**

Moderator Hon. John E. Howard - Chair - Committee on Water,
SCPSC

Panelists David Monsma - Executive Director - The Aspen
Institute

Eric Thornburg - President & CEO - Connecticut Water
Company

Hon. Frederick F. Butler - Former Water Committee
Chair and Past NARUC President - NJBPU

**2:15 PM Ongoing Series on Green Initiatives: United Water's New
"E-Billing"**

Dennis Ciemniecki - President-Regulated Business - United Water

**2:40 PM Aesthetic Water Quality Issues and Small Systems: How
Treatment Costs Can Be Met and the Role Played by Customer
Education (Renaissance East)
(Joint with Committee on Consumer Affairs)**

Speakers Nicholas DeBenedictis - President & Chairman of the
Board - Aqua America

Christine Hoover - Senior Assistant Consumer Advocate
& Former NASUCA Committee on Water Chair -
Pennsylvania Office of Consumer Advocate

3:15 PM Networking Break

**3:30 PM Hydraulic Fracturing - How to balance the need for new gas
supplies with environmental concerns (Grand Ballroom South)
(Joint with Committees on Gas and Energy Resources and the
Environment)**

Please find the agenda as listed for the Committee on Gas

5:00 PM Adjourn

12:00 PM - 1:15 PM NARUC Committee Meeting Room 3
Chair meeting (Invitees
Only)

- 12:00 PM - 1:15 PM NARUC Staff Meeting Room 4
 Committee Chair
 meeting (Invitees
 Only)
- 12:00 PM - 1:15 PM ***Regional Luncheon:*** Meeting Room 5
 NECPUC (Invitees
 Only)
- 1:30 PM - 3:00 PM **Committee on** Congressional Ballroom
 Consumer Affairs

1:30 PM **Bill Impacts of Energy Efficiency Programs** (Congressional
 Ballroom)
**(Joint with Committee on Energy Resources and the
 Environment)**
 Please find the agenda as listed for the Committee on Energy
 Resources and the Environment

1:30 PM **The Benefits and Dangers of Hedging in the Natural Gas Markets**
 (Renaissance West)
(Joint with Committee on Gas)
 Please find the agenda as listed for the Committee on Energy
 Resources and the Environment

2:40 PM **Aesthetic Water Quality Issues and Small Systems: How
 Treatment Costs Can Be Met and the Role Played by Customer
 Education** (Renaissance East)
(Joint with Committee on Water)
 Please find the agenda as listed for the Committee on Water

3:00 PM **Adjourn**

- 3:00 PM - 3:30 PM ***Networking Break*** Grand Ballroom Foyer
 Sponsored in Part by
 America's Natural
 Gas Alliance

Tuesday, February 16

- 7:00 AM - 8:15 AM ***Regional Breakfast:*** Meeting Room 2
 MARC

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

8:30 AM - 10:15 AM **General Session** Grand Ballroom South

8:30 AM **General Session**

National Action Plan on Energy Efficiency

Report from Chairman of the FCC

* The Hon. Julius Genachowski, Chairman, FCC

DOE and the States: Priorities for Working Together

* The Hon. James Markowsky, Assistant Secretary for Fossil Energy,
DOE

* The Hon. Patricia Hoffman, Principal Deputy Assistant Secretary for
Electricity Delivery and Reliability, DOE

10:00 AM - 10:30 AM ***Networking Break*** Grand Ballroom Foyer
Sponsored in part by
Power Survey
Company

10:00 AM - 3:30 PM **Staff Subcommittee** Meeting Room 7
on Law (CLOSED)

10:00 AM **Welcome and Review**

Eve Moran - Illinois

10:10 AM **Update on venue/contracts**

10:15 AM **Administration of 2010 NCRA**

Mellissa Marland - W. Virginia

10:30 AM **Discussion on Marketing**

11:00 AM **Review of Financials**

11:30 AM **Growth and expansion**

12:30 PM **Lunch (on your own)**

2:00 PM **Review and discussion of future NCRA sites**

Eve Moran

3:00 PM **Vote on Officers for 2011 NCRA (Montana)**

3:30 PM **Adjourn**

10:30 AM - 11:45 AM **Committee on Water** Renaissance West A

10:30 AM **Welcome Remarks**

Moderator Hon. John E. Howard - Chair - Committee on Water,
SCPSC

Panelists Stacy Marie Starr-Garcia - Co-Chair - Staff
Subcommittee on Water, NMPRC
Sue Daly - Co-Chair - Staff Subcommittee on Water,
PUCO

10:35 AM National Drinking Water Council Advisory Group Update

Lisa Sparrow - President - Utilities
Inc.

10:55 AM Rate School Update

2010 Schools-May 2010, San Diego, CA and November 2010,
Clearwater Beach FL

Hon. John E. Howard - Chair - Committee on Water,
SCPSC

11:00 AM California Energy/Water Project initiatives

Moderator Hon. John E. Bohn - Co-Vice Chair - Committee on
Water, CPUC

Panelist TBD

**11:15 AM National Regulatory Research Institute Briefing on International
Financial Reporting Standards and New Knowledge
Communities**

Speakers Howard Stone - Principal - National Regulatory Research
Institute

Denise Parrish - Deputy Administrator - Office of
Consumer Advocate, WY PSC

11:45 AM Adjourn

10:30 AM - 11:45 AM **Staff Subcommittee on Water** Renaissance West A
**Joint with the
Committee on Water**
Please find agenda as
listed for the
Committee on Water

10:30 AM - 12:00 PM **Staff Subcommittee on State Universal
Service Fund
Administrator** Meeting Room 4

10:30 AM Running a Successful State Universal Service Fund (Room 4)

Moderator Hon. James Cawley - Chairman - Pennsylvania Public Utility Commission, Member of Federal-State Joint Board of Universal Service

Panelists Elizabeth Barnes - Chair - NARUC Committee of Administrators of State Universal Service Funds
David Rolka - President - Rolka Loube Saltzer Associates
Eric Seguin - VP Corporate Development - Solix, Inc.
Peter Bluhm - Consultant - Rolka Loube Saltzer Associates

12:00 PM **Adjourn**

10:30 AM - 12:00 PM **Subcommittee on Clean Coal** Congressional Ballroom

10:30 AM **Is the CO₂ Solution Beneath Us?**
(Joint with Committees on Energy Resources and the Environment and Water)
Please find the agenda as listed for the Committee on Energy Resources and the Environment

12:00 PM **Adjourn**

10:30 AM - 5:00 PM **Committee on Electricity** Grand Ballroom Central

10:30 AM **Conversation with Dr. James J. Markowsky, Assistant Secretary for Fossil Energy of the US Department of Energy**

11:15 AM **Discussion of Resolutions**

1:30 PM **Reducing Greenhouses Gas Production 80% By 2050: How Can It Be Done?** (Grand Ballroom Central)
(Joint with Committee on Energy Resources and the Environment)
Please find the agenda as listed for the Committee on Energy Resources and the Environment

3:00 PM **Networking Break**

5:00 PM **Adjourn**

10:30 AM - 5:00 PM **Committee on Energy Resources and the Environment** Congressional Ballroom

10:30 AM Is the CO2 Solution Beneath Us? Update on Sequestration Efforts

(Joint with Subcommittee on Clean Coal)

What are the latest technical, regulatory, legal and economic issues with carbon sequestration efforts? How are the U.S. Energy Department's eight regional partnerships progressing? What State and federal regulatory and legislative framework needs to be established? What is the overall potential for sequestration and when will sequestration projects start being deployed?

Moderator Michael Dworkin - Director of the Institute for Energy and the Environment and Professor of Law - Vermont Law School

Panelists Ellen Petrill - Electric Power Research Institute
Sean McCoy - Carnegie Mellon University
Doug Duncan - US Geological Survey
John Litynski (invited) - NETL

1:30 PM Reducing Greenhouses Gas Production 80% By 2050: How Can It Be Done? (Grand Ballroom Central)

(Joint with Committee on Electricity)

Reduction of greenhouse gases is now the stated public policy of several States and a U.S. Department of Energy goal. Exactly what will energy regulators need to attain this lofty goal -- today and in the long-term? What challenges and hurdles do we face as we move rapidly do we face as we move rapidly toward a carbon-constrained environment? What does that mean for regulated industry, and more importantly, the ratepayer? The National Academy of Sciences, EPRI and the Union of Concerned Scientists have all given this issue significant thought and will discuss how they see regulators moving forward to realize this goal.

Moderator Hon. Clifton C. Below - Commissioner - New Hampshire Public Utilities Commission

Panelists Robert W. Fri - Visiting Scholar - Resources For The Future
Hank Courtright - Senior Vice President, Member & External Relations - EPRI
Alan J. Noguee - Director of Climate & Energy Policy and Strategy - Union of Concerned Scientists
Jill Duggan - Visiting Fellow - World Resources Institute

3:30 PM Energy Interdependencies: Part III (Grand Ballroom South)
(Joint with the Committees on Gas, Electricity, Consumer Affairs and Critical Infrastructure)

Please find the agenda as listed for the Committee on Gas

5:00 PM Adjourn

10:30 AM The Graying of the Energy Workforce

What is the extent of the problem, and what is the State commission's responsibility to address it? Utility companies and State regulatory commissions across the country are now faced with the challenge of implementing succession plans to transition retiring employees and hiring and training new staff. This session will discuss the current state of the energy workforce as well as commissions nationwide. The panel will also provide best practices for recruiting and preparing for the next energy workforce. The session will bring perspectives from utility workers and utility companies, as well as commissions and a leading center focused on workforce development in the energy sector.

Moderator Hon. Lula M. Ford - Commissioner - Illinois Commerce Commission

Panelists Roberta Willis Sims - Vice President, Regulatory Affairs and Energy Acquisition - Washington Gas
Rosa Schmidt - Employee Engagement and Outreach Manager - PSEG
D. Michael Langford - National President - Utility Workers Union of America (AFL-CIO)
Frank M. Stewart - President and COO - AABE

11:45 AM Reports from the America's Natural Gas Alliance and the American Clean Skies Foundation

Introductions: Donald L. Mason, Esq., Commissioner Emeritus

Speakers Regina Hopper - CEO - America's Natural Gas Alliance
Greg Staple - CEO - American Clean Skies Foundation

1:30 PM Canadian Gas in the US: Myths, Realities, Opportunities (Joint with Committee on International Relations)

Please find the agenda as listed for the Committee on International Relations

Moderator Hon. Gaétan Caron - Co-Vice Chair, International Relations Committee, Chair and CEO - National Energy Board, Canada

Panelists D. R. Collyer - President - Canadian Association of Petroleum Producers (CAPP)
Hon. Jean-Paul Theoret - Chair - Quebec Energy Board
David J. Manning - Director - M.J. Bradley & Assoc; Former CAPP President
Hon. Robert M. Pickett - Chairman - Regulatory Commission of Alaska

**3:30 PM Energy Interdependencies: Part III (Grand Ballroom South)
(Joint with the Committees on Consumer Affairs, Critical
Infrastructure, Energy Resources and the Environment,
Electricity, Gas and Water)**

This is the third in a series of panels focused on energy interdependency. It offers a comprehensive summary of potential and challenges of geothermal energy development. Geothermal offers a truly renewable source of baseload power generation and can serve residential users through geothermal heat pumps for heating and cooling. However, it does have a unique/challenging development profile which is important for decisionmakers to understand if we are to realize the significant potential that geothermal energy offers for commercial scale electricity generation.

Moderator Hon. Colette D. Honorable - Co-Vice Chair, Committee on Gas - AK PSC

Panelists Brenda Pierce - Program Coordinator for the Energy Resources Program - USGS
Edward Wall - Director - DOE Office of Geothermal Technology Program
Jim Slutz - N.A. Rep-Star Energy - President, Global Energy Strategies
Todd Bright - Director - Denham Capital
Hon. Rebecca D. Wagner - Commissioner - Nevada Public Service Commission

5:00 PM Adjourn

10:30 AM - 5:00 PM **Committee on** Grand Ballroom North
 Telecommunications

10:30 AM Final Discussion of Resolutions

11:15 AM Wireline, Wireless and Enforcement FCC Bureau Chiefs: What Have We Done and Where Are We Going?

Moderator Hon. Maureen Harris - Commissioner - New York State Public Service Commission

Panelists Sharon Gillett - Chief, Wireline Competition Bureau - FCC
Ruth Milkman - Chief, Wireless Telecommunications Bureau - FCC
P. Michele Ellison - Chief, Enforcement Bureau - FCC

12:00 PM Lunch (on your own)

1:30 PM The National Broadband Plan -

Among the most persistent complaints when it comes to formulation of telecommunications public policy is the notion that so many of the issues are interrelated, even interlocking. "You can't solve the problems of Intercarrier compensation without addressing high cost universal service," so the litany goes with virtually every pair of so-called "big issues," until at times, it seems as every issue is intertwined with at least several others. The blue-ribbon leadership of the FCC team which has been developing the National Broadband Plan now for almost a year has hinted broadly that on behalf of the Commission, they intend to address and rationalize many of those moving parts, in the process addressing several sticky issues which have been before the FCC for years. If Chairman Genachowski's team is able to pull it off, he could become the James Cameron of telecommunications, in scope and impact the "king of the world," at least when it comes to communications. But the challenges are daunting. Our panelists assess the probable contents and the prospects of the National Broadband Plan.

Moderator Hon. Larry Landis - Commissioner - Indiana Utility Regulatory Commission

Panelists Hon. Ray Baum - Chairman - Oregon PUC
Dave Burnstein - DSL Prime
Joan Marsh - VP Federal Regulatory - AT & T
Tom Gerke - Executive VP - Century Link
Carol Matthey - FCC

3:00 PM Networking Break

3:30 PM Wireless Consumer Complaints: How the FCC and States can Better Coordinate Enforcement (Joint with Consumer Affairs)

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

Panelists Hon. Anne Boyle - Commissioner - Nebraska Public Service Commission
Joel Gurin - Chief, Consumer and Governmental Bureau - FCC
Andrew Huddleston - Senior Analyst - Physical Infrastructure - U.S. Government Accountability Office Representative - CTIA
Representative - Verizon

5:00 PM Adjourn

12:00 PM - 1:30 PM *Commissioners* Penn Quarter Room - Off Lobby Level
Emeritus Luncheon

12:00 PM - 1:30 PM **Commissioner's Luncheon (Commissioner's Only) - Sponsored in part by Ice Energy** Renaissance West B

Cathy Zoi, Assistant Secretary, Office of Energy Efficiency and Renewable Energy, DOE

Ruth Milkman, Bureau Chief, FCC Wireless Bureau & Joel Guren, Bureau Chief, FCC Consumer and Governmental Affairs

1:30 PM - 3:00 PM **Committee on International Relations** Renaissance East

1:30 PM **Canadian Gas in the US: Myths, Realities, Opportunities (Joint with Committee on Gas)**

Moderator Hon. Gaétan Caron - Co-Vice Chair, International Relations Committee, Chair and CEO, National Energy Board, Canada

Panelists D. R. Collyer - President - Canadian Association of Petroleum Producers (CAPP)
Hon. Jean-Paul Theoret - Chair - Quebec Energy Board
David J. Manning - Director - M.J. Bradley & Assoc; Former CPP President
Hon. Robert M. Pickett - Chairman - Regulatory Commission of Alaska

3:00 PM **Adjourn**

1:30 PM - 5:00 PM **Committee on Water** Renaissance West A

1:30 PM **Welcome Remarks**

Hon. John E. Howard - Chair - Committee on Water, SCPSC

3:30 PM **Energy Interdependencies: Part III**
(Joint with the Committees on Gas, Energy Resources and the Environment, Electricity, Water, and Critical Infrastructure)
Please find the agenda as listed for the Committee on Gas

5:00 PM **Adjourn**

3:30 PM - 5:00 PM **Committee on** Grand Ballroom South
Critical Infrastructure

3:30 PM **Energy Interdependencies: Part III**
(Joint with the Committees on Gas, Energy Resources and the Environment, Electricity, Water, and Consumer Affairs)
Please find the agenda as listed for the Committee on Gas

5:00 PM **Adjourn**

Wednesday, February 17

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

8:00 AM - 12:00 PM Committee on Grand Ballroom South
Consumer Affairs

8:00 AM - 12:00 PM **Committee on** Grand Ballroom South
Electricity
Meeting with the
National Electricity
Forum from 8 am -
noon.

8:00 AM - 12:00 PM **Committee on Energy** Grand Ballroom South
Resources and the
Environment
Meeting with the
National Electricity
Forum from 8 am -
noon.

8:00 AM - 12:00 PM **Committee on Gas** Grand Ballroom South
Meeting with the
National Electricity
Forum from 8 am to
noon.

8:00 AM - 5:00 PM **National Electricity Forum** Grand Ballroom South

8:00 AM **Welcome Remarks**

Hon. David Coen - President, NARUC - Commissioner, VTPSC
Hon. Patricia Hoffman - Principal Deputy Assistant Secretary - US
Department of Energy

8:15 AM **Federal Partnerships**

Dr. Kristina M. Johnson - Under Secretary of Energy - U.S.
Department of Energy
Hon. Lisa P. Jackson - Administration - U.S. Environmental
Protection Agency

8:45 AM **Keynote Panel: Is a New Paradigm Needed to Manage the Electricity System in a Clean Energy Economy? Views from the Nation's Thought Leaders**

While the current state of the economy has temporarily lessened pressures on the electricity infrastructure, those pressures have only been pushed forward in time, not eliminated. Over the next couple of decades, it seems likely that the infrastructure will not only need to increase the total resource base to meet rising demand, but also to do so while simultaneously transforming itself into a new system that delivers "clean" power and services via a "smart" grid. New generating technologies must be integrated, many of which solve some problems but create others. A possible move to heavy use of "plug-in hybrids," for example has the potential to radically change the nature of the needs that the electricity infrastructure must meet. Government-sponsored demonstration projects of new technologies must move from one-off installations handled via special rules to standard components of the grid that are managed routinely as a part of the basic service.

Are today's industry approaches for planning, financing, building, siting, and paying for distribution, transmission, generation, demand response, energy efficiency, and energy storage resources adequate for completing this transition? If not, what new approaches in each of these areas will be necessary? The Keynote panelists will discuss what the transition to this new clean energy world will entail, what will comprise the new electricity infrastructure, and how the systems will be operated.

The Keynote Panelists will address some of these questions:

* What is your definition of a clean energy economy?

- * What is your view on what devices, structures and regional systems are needed to achieve a clean energy economy?
- * What are the major drivers in a clean energy economy?
- * How should the new energy economy be financed?
- * What will be the game changers in this new electric power system?
- * What are the barriers to moving to a new clean energy economy?
- * What will be the role of government in the clean energy economy?
- * What are the long-term expected financial drivers for enabling a clean energy economy?
- * Will there be a shift in how energy is financed, given the changes in the marketplace over the past year?
- * How can state and federal tax policies affect investments in clean energy?
- * What will be the impact to consumers?

Moderator Susan Tierney - Principal - Analysis Group, Inc.

Panelists Dan Bakal - Director of Electric Power Programs - Ceres
 Hon. Garry Brown - Chair, NYPSC - Chair, NARUC
 Committee on Electricity
 John Podesta - President and CEO - Center for American Progress
 Thomas King - President - National Grid USA
 Carl Pope - Executive Director - Sierra Club
 Hon. Jon Wellinghoff - Chairman - FERC

10:30 AM **Networking Break**

10:45 AM **Building New Electricity Infrastructure: Balancing The Roles of Coordinated Planning and Market-based Processes**

Many electric infrastructure facilities have long lead-times, and changes to the infrastructure require careful planning to minimize unintended consequences. Large-scale multiregional planning and even interconnection-wide planning is getting more emphasis today, particularly in relation to the possible designation of renewable energy zones and the development of the transmission needed to deliver renewable energy to load centers. Some analysts, however, are concerned that "central planning" is too deterministic and could lead to premature hard-wiring of technological choices, and they want greater reliance on market processes. Others regard market processes as inherently short-term and believe that over-reliance on them would skew the development process away from large-scale, strategically significant decisions and projects. Can these two approaches be harmonized in some productive manner, so that we get the best of what both have to deliver?

The panel may be asked the following questions:

- * Is coordinated planning critical for delivering remotely located renewable energy to markets? Are there examples where long-term coordinated planning has worked well in conjunction with market-based decision making? Are there best practices to follow?
- * What should be the long-term role of DOE and other federal agencies in long-term system planning? What role should DOE have in market design and operations?
- * Presumably interconnection-level analyses must precede any form of interconnection-level planning. Would market-based decision-making be enhanced by the availability of information from such analyses?
- * What are some of the possible meanings of the term "interconnection-level transmission plan?" What are the possible effects, positive and negative, of such plans?

Moderator David Meyer - Senior Policy Advisor, Ofc of Electricity Delivery and Energy Reliability - US DOE

Panelists Hon. Lauren Azar - Commissioner - Wisconsin Public Service Commission
 Christian Brosseau - President, HQ Energy Services US - Hydro Québec
 Doug Larson - Director - Western Governors Association
 Hon. Marc Spitzer - Commissioner - FERC
 Gordon van Welie - CEO - Independent System Operator-New England

12:30 PM Luncheon: An International Perspective on the Clean Energy Environment

Chairman Gaétan Caron will speak on the ongoing efforts in Canada to develop clean energy economies and how the U.S. can learn from best practices employed abroad.

(Luncheon is open to the registrants of the National Electricity Forum only. Tickets will be required for entry to this luncheon. Tickets will be distributed with Name Badges at registration.)

Speaker Hon. Gaétan Caron - Chair and CEO, National Energy Board of Canada - Vice Chair, NARUC Committee on International Relations

1:30 PM Carbon Restrictions: What Steps Will the Economy Actually Take in a Carbon Constrained World?

Federal legislation mandating substantial reductions in carbon emissions will have a profound impact on the electricity power system and how it is operated. Federally-mandated allowance allocations may pick winners and losers and will influence generation decisions, siting decisions, and transmission planning.

The panel will discuss how the system will be operated under carbon rules and how such rules will impact the deployment of innovative technologies. The panel will discuss the implications of low-carbon policies for the electricity industry, and what such policies will mean for utilities, regulators, and consumers.

The panelists may be asked to address the following questions:

- * What will the implications be for the electricity sector when carbon emission mandates become law?
- * How will consumers be affected, and how should this be addressed?
- * How will carbon mandates impact efforts to modernize the Nation's electricity grid?
- * What role will new technologies play in the future? How viable are these technologies, and what is the timeline for deployment?
- * What should be the plan if CCS fails?

Moderator Peter Behr - Journalist - E&E News

Panelists Richard Cowart - Principal - Regulatory Assistance Project

William McCollum - CEO - Tennessee Valley Authority

Hon. Richard Morgan - Commissioner - DC PSC

William D Schulze, Ph.D. - Professor of Applied Economics and Public Policy - Cornell University

3:00 PM **Networking Break**

3:15 PM **Wild Cards: Innovative Technologies that Might Transform the Electricity Industry**

Many of the technologies that will power a clean energy economy in the electric sector are still under development. Decisions made in the near term about which generation resources to select and which transmission lines to build will have long-lasting impacts on the structure of the system. At the same time, investments in the research, development and deployment of game-changing innovative technologies, such as offshore wind, plug-in hybrid electric vehicles (PHEVs), concentrated solar power, small modular-nuclear reactors, and "net zero" energy buildings have the potential to alter future needs and the benefits of today's investment decisions. Among other things, it is imperative that regulators and industry make near-term decisions that enable long-term technological advancements. The panel will discuss these opportunities and how difficult RD&D investment decisions can be made to help transform the electricity industry

The panelists may be asked the following questions:

- * What undeveloped technologies might play a transformative role?

What will be needed to evaluate their practical potential? How would you handicap the potential of each technology?

* How do we "get it right"? What if we invest heavily in the "wrong" technologies? How do we move forward in an atmosphere of technological uncertainty, without foreclosing the ability to deploy "superior" technologies if and when they are developed?

* If deployment of PHEVs in the next decade achieves the high levels of some projections, major changes to the electric system infrastructure will be required. What near-term actions are needed to support the deployment of PHEVs? What is the "chicken" and what is the "egg"?

* What role beyond R&D should DOE play in encouraging the development and deployment of any of these wild cards?

* How should rate regulators balance the need to protect utilities that are early adopters of new technologies from losses and the need to protect utility customers from paying for investors' mistakes?

Moderator Sam Baldwin - Chief Technology Officer, Ofc of Energy Efficiency and Renewable Energy - US DOE

Panelists Dan Arvizu - Director - National Renewable Energy Laboratory

Hon. Arun Majumdar - Director, ARPA-Energy - US DOE

Peter Mandelstam - President, Bluewater Wind - Chair, AWEA Offshore Wind Working Group

Arshad Mansoor - Vice President - Electric Power Research Institute

Hon. Warren F. Miller - Assistant Secretary for Nuclear - US DOE

5:00 PM **Adjourn**

10:00 AM - 10:30 AM **Networking Break** Grand Ballroom Foyer

10:00 AM - 11:30 AM **Committee on Telecommunications** Grand Ballroom North

10:00 AM **A View from the Hill: Congressional Staff Discuss Telecom Legislation**

Moderator Hon. Phil Jones - Commissioner - Washington Utilities and Transportation Commission

Panelists Brian Hendricks - Chief Counsel - Senate Commerce Ranking Member Hutchison
 Amy Levine - Subcommittee Counsel - House Subcommittee on Communications, Technology and the Internet, Chairman Boucher
 Neil Fried - Senior Counsel - House Energy & Commerce Committee Ranking Member Barton
 Mary Sprayregen - Legislative Assistant - Rep. Welch

11:30 AM **Adjourn**

12:00 PM - 1:15 PM ***National Electricity Forum: Luncheon*** Renaissance Ballroom

12:00 PM - 4:00 PM **Board of Directors Meeting** Congressional B

Working lunch for NARUC Board of Directors. Business meeting to begin immediately. The meeting is open to all attendees however, lunch will only be provided for NARUC Board Members.

5:00 PM - 6:30 PM ***National Electricity Forum: Wine and Cheese Reception*** Renaissance Ballroom

Thursday, February 18

7:30 AM - 8:00 AM ***Continental Breakfast***

8:00 AM - 2:00 PM **National Electricity Forum** Grand Ballroom South

8:00 AM **An Evolving Grid - Will a Smarter Grid Matter?**

The urge to jump on the smart grid train has exploded in recent months, particularly in light of funding for new smart grid projects provided by the American Reinvestment and Recovery Act. However, despite the enthusiasm from all quarters, details on exactly how the technologies will be used and how that use will be of benefit

are remarkably hazy. Panelists will explore which changes to the grid infrastructure will have the greatest impact on the move to a new clean energy economy. The panel will discuss the opportunities for innovative technologies to be deployed in the next decade, what impacts the evolving grid will have on consumer prices, and what changes in regulatory policy are needed to ensure that progress occurs in the most cost-effective manner. Panelists will also be asked to discuss how smart grid technologies might present opportunities or challenges for the transmission and delivery of electricity. In addition to discussing the grid infrastructure, the panel will discuss the role that distributed generation and micro-grids will play in a new smart grid.

The panel may be asked the following questions:

- * What will the smart grid look like? What public policies are needed to ensure a successful shift to a smart grid?
- * Are micro-grids the wave of the future? Do they ensure a greater degree of reliability than regional grids?
- * What actions can be taken now that will get the deployment of existing smart grid technologies started?
- * How will the expanded deployment of AMI technologies aid in ensuring reliability?
- * What is the scale of investment needed to expand both smart grid and transmission on a national scale?
- * How do we ensure that today's needed assets – the latest and greatest meter or other smart grid component - don't become tomorrow's stranded assets?
- * Will / should regulators wait until manufacturing costs are lower before approving these newer systems?
- * Can software updates at nominal incremental costs to users be developed for meter and other smart grid components?

Moderator Hon. Pat Oshie - Commissioner, WUTC - Chair,
NARUC Committee on ERE

Panelists Nancy Brockway - Principal - NBrockway & Associates
Hon. Paul Centolella - Commissioner - Ohio Public
Utilities Commission
Robert Gilligan - Vice President for Transmission and
Distribution - GE Energy
Professor Mark Johnson - Director of Industry and
Innovation Programs - Future Renewable Electricity
Energy Delivery and Management Systems Center
Anne Pramaggiore - President - ComEd

9:30 AM **The Role of Energy Efficiency in the Clean Energy Economy**

As the electricity infrastructure evolves toward a clean energy economy, energy efficiency programs can offset the need for new generation and transmission infrastructure to some degree. Yet, there is uncertainty as to whether market participants and consumers have the right incentives to embrace energy efficiency opportunities. Uncertainty about the acceptance and impacts of energy efficiency creates uncertainty about the investments needed in other types of infrastructure, many of which require long lead times to develop. To achieve clean energy economy goals, it is imperative that energy efficiency programs be an integral part of system planning, that such programs focus on customers' needs, and that they improve customers' understanding of how the programs work.

The panel will discuss the implications of energy efficiency program planning for overall system planning. Issues to be discussed include the challenges to extensive deployment; the role of government, energy industry participants and consumers; and the linkages between energy efficiency planning and transmission and generation investment decisions. The panel will discuss these issues in the context of transforming the Nation's electricity delivery system in the clean energy economy.

The panel will discuss the following questions:

- * Can energy efficiency reduce transmission needs?
- * Can energy efficiency programs compete with other technologies or are efforts to deploy innovative technologies too strong?
- * What happens to energy efficiency after the massive one-time push from the American Recovery and Reinvestment Act?
- * Is ratepayer-funded energy efficiency still relevant given other funding streams?
- * Can the Nation deploy energy efficiency at a much larger scale? If so, should it be done?
- * If energy efficiency is the key to a clean energy economy, should it be nationally mandated?
- * How can large and small consumers be encouraged or incented to undertake energy efficiency?
- * Should federal energy efficiency standards be considered in conjunction with renewable energy standards or should they be separate?
- * Are utilities structured/equipped to implement energy efficiency programs or are such programs best implemented and administered by independent entities?

Moderator Steven Nadel - Director - American Council for an Energy Efficiency Economy

Panelists Terry Boston - CEO - PJM Interconnection LLC
Hon. Kathleen Hogan - Deputy Assistant Secretary for Energy Efficiency - US DOE
Hon. Joseph Kelliher - Executive Vice President, Federal Regulatory Affairs - FPL Group
Chris Miller - President - Piedmont Environmental Council
Hon. John Savage - Commissioner - Oregon Public Utility Commission

11:00 AM **Networking Break**

11:15 AM **Electric Generation Resource Investments: Pursuing a Long-term Goal for a Clean Energy Economy in the Face of Transitory Trends**

Electric generation infrastructure is long-lived, while decisions on infrastructure investment may be determined by transitory trends. Such near term trends include the state of the economy, the prices of fuels today, the changing landscape of evolving environmental laws and regulations, the public's attitude toward coal and nuclear power, and the policies of the Congress and the Administration. Investments in electric power generation, major transmission grid expansion projects, and innovative new technologies-or the lack of such new investments-over the next ten years will shape the U.S. electric power industry as far into the future as 2050. As we develop long-term national goals for a new clean energy economy, we must take account of the transitory factors that help shape investment decisions. In particular, the amount of the Nation's future reliance on natural gas for new electric power generation - a fuel with a recent history of substantial price variability-may be determined in large part by whether today's projections for future natural gas prices are high or low.

It is often difficult for policymakers to make informed electricity infrastructure decision when future fuel prices cannot be forecast reliably. When fuel prices are low, the zeal for new resources dims, and more natural gas, for example, is chosen to generate electricity. While federal carbon legislation may include support for renewable energy, many believe that renewable energy resources alone cannot meet the Nation's energy needs, and that natural gas will be relied on increasingly for electricity generation, over new nuclear power and clean coal generation. Yet, carbon emissions from burning natural gas could become less acceptable in the years ahead if the world must adopt more stringent climate control measures. The panel will

discuss how to pursue a long-term goal for a clean energy economy when investment decisions may be driven in large part by changing economic conditions, fuel prices, environmental regulations, and government policies.

The panel may be asked the following questions:

- * Can the industry maintain constant pursuit of a long-term goal for a clean energy economy in the face of transitory trends?
- * To what degree are power industry plans for the next half-century affected by near-term factors such as the current state of the economy, unusual investor caution at the present time, today's fuel prices, current environmental regulations, and today's government policies?
- * If transitory factors play a significant role, is this approach to long-term planning satisfactory, and if not, what are the alternatives?
- * Can economically sound generation, transmission, and other investment decisions be made with uncertainty about fuel prices and the price of carbon over the long term?
- * How will the passage of Federal climate change legislation affect the use of natural gas for new electric generation? How will it affect coal and nuclear power?
- * How can regulators best oversee utility investment choices in light of the wide range of available choices and the uncertainty about future prices and trends?

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

Panelists Hon. Ronald Binz - Chairman - Colorado Public Utilities
Commission
Benjamin Fowke - President and CEO - Xcel Energy
Robert Johnston - President and CEO - Municipal
Electric Authority of Georgia
Ronald Litzinger - CEO - Edison Mission Energy
Philip Sharp - President - Resources for the Future

12:45 PM Luncheon: Implications of a Clean Energy Economy for Jobs

Ms. Shuler will speak on the impacts on jobs in the electric power sector as the Nation evolves toward a clean energy economy.

Speaker Elizabeth Shuler - Secretary-Treasurer - AFL-CIO

1:45 PM Closing Remarks: Reflections on a Path Forward

The 2010 National Electricity Forum leadership will summarize what lessons were learned during the Forum and will reflect on how government, industry and academia can continue to work together to successfully achieve a clean energy economy.

Hon. Ron Binz - Chairman - Colorado Public Utilities Commission
Hon. Erin O'Connell-Diaz - Commissioner - Illinois Public Service
Commission
David Meyer - Senior Policy Advisor, Office of Electricity Delivery
and Energy Reliability - US DOE

2:00 PM **Adjourn**

12:45 PM - 1:45 PM *National Electricity* Grand North
Forum: Luncheon