

# Jon Wellinghoff Chairman Federal Energy Regulatory Commission Washington, DC

## **AWARDS:**

2012 Solar Champion, Awarded by the Vote Solar Initiative's

**2009** Demand Response and Smart Grid Leadership Award, Awarded by The Demand Response Coordinating Committee

**2008** Charles H. Percy Award for Public Service, Awarded by the Alliance to Save Energy

2008 Thought Leadership Award, Awarded by EnerNOC

**2007** Award for Leadership in Demand Response, Awarded by the US Demand Response Coordinating Committee

# **BOARD AND COMMITTEE MEMBERSHIPS:**

Chairman: Federal Energy Regulatory Commission

Co-chair: Demand Response Collaborative launched jointly by FERC and the National Association of Regulatory Utility Commissioners (NARUC) Member of NARUC's Committee on Energy Resources and the Environment

Co-Chair: Smart Response Collaborative; NARUC/FERC joint effort Member: Advisory Committee of the Institute for Electric Efficiency Previously Served as Advisor: To the Defense Science Board's Energy Policy Task Force

**Advisor**: To the Energy Foundation and the NRDC on China-U.S. energy policy matters

## SPEAKING ENGAGEMENTS:

July 2012

Participant: Federal Agency Roundtable, Discussion with Federal Agencies Engaged with Environmental Regulations, Washington, DC Speaker: The Center for Climate and Energy Solutions' Business Environmental Leadership Council, Keynote Speaker, Washington, DC

#### June 2012

**Participant:** U.S. China Smart Grid Dialogue, Roundtable on Integrated Smart Grid Systems, Shenzhen, China

**Speaker:** U.S. China Smart Grid Dialogue, Keynote Speaker, Shenzhen, China

**Participant**: Clinton Global Initiative America, Roundtable on Clean Electricity and Efficiency, Chicago, IL

**Speaker:** EUCI Demand Response Conference, Keynote Speaker, Sand Diego, CA

# May 2012

Participant: The Annual Deloitte Energy Conference, Roundtable on

Domestic Energy Landscapes, Washington, DC

Attendee: The Energy Transition Forum, Washington, DC

# **April 2012**

Attendee: CEO Leadership Series Luncheon

Speaker: Austin Electricity Conference, Keynote Speaker, Austin, Texas

Speaker: Energy Highway Summit, Luncheon Keynote Speaker,

New York, NY

Participant: Platts 27th Annual Global Power Markets Conference,

Panelist, Las Vegas, Nevada

Attendee: CREPC-SPSC Spring Meeting San Diego, CA

#### March 2012

Attendee: Western Independent Transmission Group Meeting, Las Vegas,

NV

Speaker: ASU Solar Summit 2012, Keynote Speaker, Phoenix, AZ Participant: German Marshall Fund Brussels Forum 2012, Panelist,

Brussels, Belgium

Participant: 2012 MIT Energy Conference, Panel Member, Boston, MA Participant: GreenBiz Verge 2012, Keynote Interview, Washington, DC

# February 2012

Speaker: WSPP Executive and Operating Committee Joint Meeting,

Keynote Speaker, San Diego, CA

Speaker: Infocast Solar Power Finance & Investment, Lunch Speaker,

San Diego, CA

Speaker: Northwest Hydroelectric Association (NWHA) 2012 Annual

Conference, Portland, OR

Speaker: Large Public Power Council (LPPC) Winter CEO Meeting, San

Juan, Puerto Rico

Speaker: DOE and NARUC's 2012 National Electricity Forum, Panel

Speaker, Washington, DC

Attendee: NARUC Winter Committee Meetings, Washington, DC

Speaker: 8th Annual Clean-Tech Investor Summit, Keynote Speaker,

Palm Springs, CA

# January 2012

Participant: The Energy Futures Coalition Steering Committee Meeting,

Washington, DC

Participant: The New England Council Energy & Environment Committee

Meeting, Washington, DC

## December 2011

**Participant:** Western Governors' Association Winter Meeting, Plenary: Preparing the West to Meet our Electricity Future, Palm Springs, CA

# November 2011

Speaker: TREIA Policy Luncheon, Lunch Keynote, Austin, TX

Lecturer: MIT Class in Energy Efficiency/DR Strategy, Afternoon Session:

"Demand Response and the Smart Grid", Boston, MA

Lecturer: MIT Class in Energy Efficiency/DR Strategy, Morning Session: "Relationship between Transmission and Renewables", Boston, MA Speaker: New England Canada Business Council- Energy Conference,

Keynote Speaker, Boston, MA

## October 2011

Presenter: SERC Workshop, Shanghai, CH

Presenter: HVDC Users' Conference 2011, Shanghai, CH

# September 2011

Presenter: Northern California Power Agency (NCPA) 2011 Annual

Conference, Napa California

Speaker: California ISO's Stakeholder Symposium, Dinner Keynote

Speaker, Sacramento, CA

# August 2011

Attendee: Nevada Clean Energy Roundtable Benefits of a Regional

Market, Las Vegas, NV

Speaker: GEA National Geothermal Summit 2011, Lunch Keynote

Speaker, Reno, NV

Speaker: Utility Commissioners/Wall St. Dialogues, Keynote Speaker,

New York City, NY

Speaker: Sandia National Laboratories 2011 Wind Turbine Reliability

Workshop, Keynote Speaker, Albuquerque, NM

# July 2011

Attendee: NARUC Summer Committee Meetings Los Angeles, CA

Participant: 2011 National Town Meeting, "Assessing the Situation"

Roundtable, Washington, DC

## June 2011

Participant: NARUC-NASEO-NACAA Meeting, Panelist, Linthicum Heights,

MD

**Attendee:** SEPA CEO Dinner at APPA's Annual Meeting, Washington, DC **Speaker:** The University of Pennsylvania Institute for Urban Research,

Keynote, Speaker

Attendee: 14th Annual Congressional Renewable Energy & Energy

Efficiency EXPO + Policy Forum, Washington, DC

Participant: 2011 EEI Annual Convention/Expo, Panelist, Colorado

Springs, CO

Speaker: Solar Electric Power Association (SEPA) CEO Reception and

Dinner, Colorado Springs, CO

Attendee: ACORE and NGSA Renewable Energy/Natural Gas Dialogue,

Arlington, VA

# May 2011

Speaker: FERC Watch Luncheon, Washington, DC

Attendee: The State Department US-China Strategic and Economic

Dialogue Washington, DC

# **April 2011**

Speaker: Ocean Renewable Energy Coalition's 4th Global Marine Renewable Energy Conference, Keynote Speaker, Washington, DC Speaker: National Energy Marketers Association's 14th Annual National Energy Restructuring Conference, Keynote Speaker, Washington, DC

Speaker: Climate and Energy Law Symposium, Keynote Speaker, San

Diego, CA

Speaker: 2011 "Future Energy Conference: The Business of Renewable

Energy & Efficiency", Keynote Speaker, Portland, OR

Presenter: The Program in Law and Public Affairs (LAPA)/the Science, Technology and Environmental Policy (STEP) Luncheon Seminar, Princeton, NJ Speaker: USEA Annual Membership Meeting and Public

Policy Forum, Lunch Keynote, Washington, DC

Participant: Governors' Energy Advisors Policy Institute, Panelist, Arlington, VA

# March 2011

Speaker: Infocast 13th Transmission Summit 2011, Keynote Speaker, Washington, DC

Speaker: IHS Cambridge Energy Research Associates' CERA Week 2011, Lunch Keynote, Houston, Texas

Speaker: The Energy Council's 2011 Federal Energy and Environmental Matters Conference, "A Report from the FERC", Washington, DC

Speaker: Edison Foundation's Powering the People Conference, Keynote Speaker, Washington, DC

Participant: The ARPA-E Energy Innovation Summit, Panelist, "Energy Storage", Washington, DC

# February 2011

Speaker: EnergyBiz Leadership Forum, Panel Speaker, "Getting the Transmission Built", Washington, DC

Attendee: Energy Bar Association Western Chapter Annual Meeting, San Francisco, CA

Speaker: 2011 National Electricity Forum, Panel Speaker, Washington, DC

Attendee: 2011 NARUC Winter Committee Meetings Washington, DC Attendee: ISO/RTO Council & Regional State Committee Meeting,

Washington, DC

# January 2011

Speaker: Green Professionals Conference, Session Speaker, Portland, OR Presenter: Infocast's Large-Scale Wind and Solar Integration Summit, Keynote Address: "Outlook for Changes in FERC Regulation of Variable Energy Resource Integration", Phoenix, AZ

Speaker: Energy Investment Forum, Keynote Speaker, Austin, TX Speaker: Bipartisan Policy Center, Environmental Regulation and Electric System Reliability, Keynote Speaker, Washington, DC Attendee: New York Times Editorial Board Meeting, New York Speaker: NRECA's CEO Close-Up 2011, General Session Speaker St. Petersburg, Florida

## December 2010

Participant: American Council on Renewable Energy (ACORE), Phase II National Policy Conference, "The Politics of Renewable Energy Policy", Washington, DC

Presenter: The ACEEE 30th Anniversary Policy and Analysis Conferences, Lunch Keynote Presenter, Washington, DC

Participant: National Meeting between State and Local Air Officials, State Utility Commissioners and State Energy Officials, Q&A with the State Representatives on State-Federal Roles and Relationships, Washington, DC

Speaker: The Law and Demand Response, Closing Keynote Speaker, Washington, DC

## November 2010

Speaker: NASUCA Lunch, Atlanta, GA

Attendee: FERC/NARUC Collaborative on Smart Response, 122nd Annual

NARUC Convention Atlanta, GA

Speaker: SWEEP's Seventh Annual Southwest Regional Energy Efficiency Workshop, Keynote Speaker, "The Interface of EE and the Smart Grid -Consumer Smart Response", Las Vegas, Nevada

Speaker: Quanta Services Utility Perspectives 2010 Conference, Keynote Speaker, Washington, DC

Attendee: Black & Veatch Breakfast Meeting, Houston, TX

Speaker: Smart Grid Road Show Conference, Keynote Speaker, Portland, OR

## October 2010

Attendee: ISO New England Board of Directors Meeting Boston, MA Presenter: Maine Conservation Voters Evening for the "Environment", Portland, ME

Speaker: GridWeek - Managing EV and Smart Grid Integration

Washington, DC

Participant: GridWeek, Panelist, General Sessions: Accelerating

Adoption Panel, Washington, DC

Presenter: The Detroit Economic Club, Detroit, MI

Speaker: INGAA's Stakeholders Conference, Lunch Keynote Speaker,

Washington, DC

Speaker: USEA Energy Supply Forum, "A Vision of the Energy Supply

Future", Closing Keynote, Washington, DC

# September 2010

**Speaker:** Independent Energy Producers Association, "Building the New Infrastructure", South Lake Tahoe, CA

**Speaker:** EnerNOC, EnergySMART Conference 2010, Opening Remarks, Boston MA

Presenter: UNLV Renewable Energy Forum, "A Game Changing Agenda for a Sustainable Energy Future", Luncheon Speaker, Las Vegas, NV

# August 2010

Presenter: 2010 ACEEE Summer Study on Energy Efficiency in Buildings, "Demand Response: A Transformative Force in Wholesale Markets", Pacific Grove, CA

# July 2010

Speaker: EUCI Renewable Energy Development and Transmission

Expansion Conference, Keynote Speaker, Portland, OR

Speaker: AABE Speaker Series, Washington, DC

Speaker: NARUC Summer Committee Meetings, Sacramento, CA

#### June 2010

**Participant:** Western Governor's Association Annual Meeting, Whitefish, MT

**Speaker**: China Environment Forum Meeting entitled: Electricity with Chinese Characteristics: The Complexities of Decarbonizing China's Power Sector, Washington, DC

**Participant:** DR National Town Meeting, Panelist, Washington, DC **Participant:** Southeast Energy Efficiency Alliance, Panel Moderator, Atlanta, GA

**Speaker:** Southeast Energy Efficiency Alliance, Atlanta, GA, Keynote Speaker

# May 2010

**Speaker:** Meeting with China South Grid and the Regulatory Assistance Project, Guangzhou/Shenzhen, China

Presenter: "Smart Grid", Roundtable with State Energy Regulatory Commission and the Regulatory Assistance Project, Beijing, China Presenter: "Regulatory Issues", Renewable Energy Forum, US/China

Strategic and Economic Dialogue, Beijing China

Presenter: "Renewable Energy", Meeting w/ State Grid and the

Regulatory Assistance Project, Beijing, China

**Presenter:** "Perspectives on Energy Efficiency, Policy, Deployment and Process", Energy Efficiency Forum, US/China Strategic and Economic

Dialogue, Beijing China

**Speaker:** Principal at US/China Strategic and Economic Dialogue, Beijing China

# April 2010

Presenter: Niagara Summit, Las Vegas, NV

Speaker: National Energy Marketers Association 13<sup>th</sup> Annual Energy

Restructuring Conference, Washington, DC

Speaker: PJM/EPRI 2010 Storage Summit, Keynote Speaker, King of

Prussia, PA

Presenter: Conrad Foundation Innovation Summit, Mountain View, CA

## March 2010

Speaker: NEMA Board of Governors Meeting, Washington, DC

# February 2010

**Presenter:** Renewable Energy World Conference and Expo North America, Austin, TX

Participant: National Governor's Association Winter Meeting, Panelist,

"Advancing a Green Energy Economy", Washington, DC

**Speaker:** Energy Foundation's National Strategy Retreat for Renewable Energy Advocates, Washington, DC

Presenter: 2010 DOE-NARUC National Electricity Forum, Washington, DC

Speaker: CQ Roll Call Forum on the Role of Natural Gas in the New

Energy Economy, Washington, DC

Presenter: University of Texas School of Law Conference on Wind,

Keynote Speaker, Austin, TX

# January 2010

Speaker: The Green Professionals Conference, Keynote Speaker,

Portland, OR

Speaker: EEI's Board of Directors Winter Meeting, Scottsdale, AZ

## December 2009

**Presenter:** Transatlantic Legislator's Dialogue, Roundtable Conversation: Climate Change and Renewable Energy, New York, NY

## November 2009

Speaker: NASEO Board of Director's Meeting, Washington, DC

Speaker: ACORE Phase II Meeting, Keynote Speaker, Washington, DC Speaker: NARUC 121<sup>st</sup> Annual Convention, NASUCA Lunch Speaker, Chicago, IL

**Speaker:** Jones Day's Executive Roundtable Series, "Update on Renewable Energy and Climate Change Initiatives", Keynote Speaker, Washington, DC

Participant: Eisenhower Strategy Forum Dinner, Washington, DC

# October 2009

Speaker: New England Electric Restructuring Roundtable, Boston, MA

Panelist: ELI Keare Policy Forum, Washington, DC

Speaker: White House Fellows Foundation and Association Annual

Meeting, Washington, DC

Speaker: ISO Stakeholder Symposium, Sacramento, CA

Speaker: EEI Legal Conference, Las Vegas, NV

# September 2009

Speaker: Electrifying Transportation Conference, New York, NY

Speaker: The Brooking's Institution Electricity Grid "Beyond the Smart

Grid: Governance Challenges in the Electricity Market", Keynote

Speaker, Washington, DC

Speaker: 21<sup>st</sup> Century Renewable Energy Infrastructure, Luncheon

Keynote Speaker, Washington, DC

# August 2009

Speaker: International Energy Program Evaluation Conference 2009,

Luncheon Keynote, Portland, OR

Speaker: EPRI Summer Seminar, Panelist, "Smart Grid Perspectives",

Westlake Village, CA

# July 2009

**Speaker:** NARUC Regional Meetings, Panelist, "A Shared Energy Vision for North America - Regulations, Markets, and the Environment",

Seattle, WA

Participant: National Town Meeting on Demand Response & Smart Grid,

Panel Moderator, Washington, DC

Speaker: The Energy Conversation, Panelist, Washington, DC

# June 2009

Speaker: Entergy Joint Conference, Opening Remarks and Panelist,

Charleston, SC

Speaker: Western Governor's Association Annual Meeting, Salt Lake City,

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# May 2009

Speaker: IRC Board Conference, Keynote, Dallas, TX

Speaker: Steel Manufacturers Association Annual Members Conference,

Washington, DC

Speaker: FERC Watch Lunch, Keynote, Washington, DC

Speaker: EPSA Spring Board Meeting, Keynote, Washington, DC

Speaker: U.S. Chamber of Commerce Emerging Technologies Committee

Spring Meeting, Luncheon Keynote, Washington, DC

Speaker: COMPETE Coalition and The Energy Daily, Washington, DC

Speaker: PJM Member Committee Meeting, Cambridge, MD

Speaker: WINDPOWER 2009 Conference, Chicago, IL

# **April 2009**

Speaker: NYISO Symposium, Keynote, Albany, NY

Participant: EPRI Green Transmission System Efficiency Workshop,

Panelist, "Collaborating to Achieve Transmission Efficiency for New York State", Albany, NY

Speaker: Electric Consumers Resource Council Spring Workshop, Keynote

"Clean Energy and the Economy", Washington, DC

#### March 2009

Speaker: NWHA 2009 Annual Conference, Luncheon Keynote, Portland,

OR

Speaker: IEE Spring Board and Executives Meeting, Keynote, Washington,

DC

## February 2009

**Presenter:** DSM Conference, China, "Key Policy Reforms Needed to Achieve Our Energy Efficiency Goals", Beijing China

#### November 2008

**Presenter:** Clean Energy Infrastructure Hill Briefing w/Congressman Inslee "A Vision for a Modernized Electric Grid Accelerating the

Development of a 21st Century Economy" Washington, DC

Speaker: Smart Grid and PHEVs: Components of the Future Electricity

Network, New Orleans, LA

Speaker: FERC/ NARUC Demand Response Collaborative, New Orleans,

**Speaker:** Charitable foundation of the Energy Bar Association (CFEBA) Gala, Washington DC

**Speaker:** Given to the Energy Foundation Green Power Superhighways Strategy Meeting, Keynote Speaker, Washington, DC

Speaker: Panel Guest for the Clean Energy Infrastructure Hill Briefing, Topics included Smart Grid, Transmission, The Integration and Aspects of the Next Generation Grid

Speaker: ACORE's Renewable Energy Finance Forum (REEF-West), Keynote Speaker, Seattle, WA

## October 2008

Presenter: "Where are We Going and Can the "Smart Grid" Get us There?" Seattle, WA

**Speaker:** Solar Power International 2008, Update from Washington: The Federal Solar Policy Landscape. San Diego, CA

Speaker: Southern California Edison Technology Test Centers,

Commenter and Participant at the Accomplishments and Partnerships Agenda. Los Angeles, CA

Speaker: Geothermal Resource Council (GRC) Conference Speaker, "FERC's Role in Expanding a Renewable Grid" Reno, NV

**Participant**: IEE Management and Advisory Committee Semi-Annual Meeting, Committee participant

Participant: National Electrical Manufacturer's Association's (NEMA) Energy Storage Council: Session II Participant, Topic of Discussion Included "Economic and National Security: Discussed the Energy Storage Conflict in the Government Sector", Roslyn, VA

Presenter: 11th Annual SCC/LCD Conference Topics, Energy Efficiency in Gas and NG Issues at the Chart House, Alexandria, VA

# September 2008

Presenter: Alliance to Save Energy, International Policy Leaders Dialogue, Energy Efficiency Cost-Effective Carbon Reduction, Session I: "Addressing Climate Energy & Economic Imperatives- The Policy Perspective" Washington, DC

**Presenter:** Grid Week at the Ronald Regan Building, Presentation entitled, "Barriers and Challenges to building the Smart Grid". Washington, DC

Participant: EnerNOC Thought Leadership Summit: Summit Participant, Topics included discussions on Energy Efficiency Today and Tomorrow, Boston, MA

Lecturer: MIT Energy Policy and Technology Lecture, Lecture given to the class of Harvey Michaels to a select group of students and Faculty pertaining to "Enabling an Energy Efficient Society" Cambridge, MA Presenter: MIT Energy Policy and Technology, Presentation to The Sloan School of Management, Cambridge, MA

Attendee: Harvard Kennedy School Seminar: "Acting in Time on Energy Policy" Discussion topics included Climate Change Policy, Carbon capture and Storage Policy, Oil and Transportation Policy, Energy Innovation Policy, Electricity Market Structure and Infrastructure, and Leadership for Acting in Time on Energy Policy" Cambridge, MA

Presenter: ISO New England Annual Board Of Directors Meeting: "National Energy Perspectives" This discussion was lead by Commissioner Wellinghoff, along with Commissioner Suedeen Kelly of FERC., Holyoke, MA

Speaker: 2008 MACRUC Commissioner Only Strategic Planning Session, This Session included the following topics and events; Legislative Updates and Issues, Committee on Bylaws, A specific Meeting with FERC headed by Commissioner Wellinghoff, Committee on Telecommunications, Committee on Gas, Committee on water, Committee on Electricity, and The Future of MACRUC. Annapolis, MD Speaker: "Energy Intelligence" Energy Efficiency: Cost Effective Carbon Reduction, Keynote Speaker, Session 2: Addressing Climate, Energy & Economic Imperatives- The Policy Perspective

# August 2008

Presenter of Peer Reviewed Paper: Creating Regulatory Structures for Robust Demand Response Participation in Organized Wholesale Electric Markets" Presented at the 2008 ACEEE Summer Study on Building Efficiency

Presenter: National Clean Energy Summit, Participant in Panel IV "The Visible Hand: Government's Role in the Clean Energy Transformation; Opportunities to Accelerate Deployment of Energy Efficiency and Renewable Energy", University of Las Vegas, Las Vegas, NV

# July 2008

**Participant**: Financial Forum Pubic Utility Research Center, Panelist, Portland, OR

Presenter: Plug-In Electric Vehicles, Expert Roundtable, Jon Wellinghoff, "The Cash Back Car" presentation presented to PEV Roundtable panel, Brookings Institute Washington, DC

**Co-Chair:** "FERC/NARUC Demand Response Collaborative", Portland OR **Presenter:** NARUC International Committee, China Energy Policy, Portland, OR

**Participant:** The Center for Environmental Leadership in Business Conservation International, Arlington, VA

**Speaker:** Natural Gas Roundtable, Keynote Speaker, University Club, Washington, DC

#### June 2008

**Speaker:** FERC Watch Luncheon: "FERC Issues recent developments in Energy Efficiency, Demand Response" Washington, DC

**Participant**: North American Forum Toward a More Resilient North America, Washington DC

**Speaker:** Electric Drive Transportation Association (EDTA)"The Cash Back Lite-Keynote Speaker/Presentation to the Board of Directors Washington, DC

**Speaker:** The Environmental and Energy Study Institute (ESSI): "Renewable Energy and Transmission: Opportunities and Barriers", Dirksen Senate Office Building, Washington, DC

Presenter: Brookings Institution's Plug-in Electric Car Conference" "The Cash Back Hybrid" Three - "Federal Policy Toward Plug-in Vehicles" The Brookings Institution, Washington, DC

Lecturer: Vermont Law School, Summer Session: "Renewable Energy and Other Alternative Fuels", South Royalton, VT

# May 2008

Presenter: 2008 Northeast Energy Efficiency Summit Clean Lean and Growth: "Energy Efficiency Policy Leadership", Hartford, CT

**Speaker:** AEP's Transmission Operations Center, GridSmart Technology Center Dedication Transmission, Albany, OH

# April 2008

Speaker: National Energy Marketers Association (NEMA), Strategic Energy, Security & Advanced Technology Policies "Think Globally, Save Locally", Keynote Speaker, Washington, DC

**Speaker & Workshop Participant:** Electrification of Energy Group, Cambridge MA

Presenter: National Conference of State Legislatures (NCSL): The Smart Electric Grid Forum "NARUC-FERC Demand Response Collaborative", Washington, DC

Participant: Kennedy School of Government, Panelist, Harvard University Workshop on Electrification of Energy, Cambridge, MA Specker, The Edison Foundation, #Keeping the Lights One Our No.

**Speaker:** The Edison Foundation: "Keeping the Lights On: Our National Challenge", Keynote Speaker, New York, NY

Speaker: ISO/RTO (IRC) Technical Conference on Demand Response:

"The importance of standardizing rules and technical procedures around the country to lower the barriers and make it easier for Demand Response to participate in the market", Washington, DC

**Speaker:** National Hydropower Association 2008 Annual Conference "Hydropower: Blue Energy for a Greener Future", Keynote Speaker Washington, DC

Presenter: ACEEE & FRA's Energy Efficiency Finance Forum: "Legislative & Regulatory Changes Affecting the Financing of Energy Efficient Projects, Arlington, VA

## March 2008

**Leader:** U.S Energy Regulators Delegation, Discussion with Vice Minister Zhang Guobao, Bureau of Energy, Beijing, China

**Presenter:** China event: "Scientific Electric Grid USA, The role of Energy Innovation in Furthering EE and DR or "Smart Power" China

Presenter: China event: Sino-US Seminar on electricity Regulation (SERC) Delegation Leader, Lessons from FERC efforts to Increase

Demand-Side Participation in Power Markets, China

**Speaker:** Innovative Energy and Environmental Policies Adopted by South China Grid, Ghanhyoa, China

Speaker: Transmission Summit 2008 "Innovation and Investment in

Transmission", Arlington, VA

Presenter: ACORE Utility Committee Meeting WIREC 2008, Washington,

DC

# February 2008

**Speaker:** Energy Efficiency Summit 2008: "The Role of Energy Innovation in Furthering Energy Efficiency and Demand Response", Keynote Speaker, San Francisco, CA

**Presenter:** Rutgers University, Bloustein School of Planning and Public Policy: "The Center for Energy and Environmental Policy"

Speaker: National Association of State Energy Officials, NAESO 2008 Winter Conference, Plenary Address, "Demand Response Programs, Distributed Generation and the use of Renewable Energy", Washington, DC

## December 2007

**Presenter:** PHEV Value Proposition Study Workshop, Oak Ridge National Laboratory "Why is this study important?" SENTECH Inc., Washington, DC

# November 2007

Committee Co-Chair, NARUC/FERC Demand Response Collaborative 119th, NARUC, Annual Convention, Anaheim, CA

Presenter: National Rural Electric Cooperative Association Legal

Seminar: "Outlook on FERC Policy", San Antonio, TX

**Speaker:** Compete Coalition and EPSA, Electric Policy Conference "Empowering Consumers through Competitive Markets: The Choice is Yours", Keynote Speaker, Washington, DC

#### October 2007

Speaker: NW Energy Coalition's 26th Anniversary Gala, Seattle, WA Speaker: The Alliance to Save Energy Special Associates Breakfast, Washington, DC

**Presenter:** Hydrokinetic Technologies Pilot Project Workshop, Portland, OR

# September 2007

Presenter: Plug-In Hybrids Accelerating Progress, "Smart World of Electric Energy Services" Energy Conservation Group, Washington, DC Speaker: The Energy Conservation, "Progress towards a "Smart" world of electric energy services" Arlington, VA

**Participant:** University of Michigan Kick off Meeting, "Technical Challenges of Plug-In Hybrid Electric Vehicles and Impacts to the U.S. Power System, Ann Arbor, MI

Participant /Presenter: WGA, NWCC, & GEA's Increasing Renewable Energy in the Western Grid Summit "Large Scale, Long Term, Wind Development, Ft. Collins, CO

## June 2007

Lecturer: Vermont Law School, Summer Session, South Royalton, VT Presenter: PLATTS 4th Demand Response and Energy Efficiency Conference, "FERC's Support of Demand Response Initiatives" Presenter: Sustainable Energy Coalition, the 10th Annual Renewable Energy & Energy Efficiency Expo and Forum, Topic: Renewable Energy and Energy Efficiency Washington, DC

# May 2007

Speaker: Fourth Annual Cascadia Transportation Conference, "Jumpstart to a Secure Clean Energy Future", Keynote Speaker, Redmond, VA Speaker: ISO New England Resource Summit, "The role of Demand Response in the National Energy Policy, Keynote Speaker, Westborough, MA

**Speaker:** PJM's Demand Side Response Symposium, Keynote Speaker, Alexandria, VA

**Speaker:** Second Annual IRC Board Conference, Keynote Speaker, "Demand Response (DR) Energy Efficiency- The role of the ISO's/RTO's

# April 2007

**Participant:** 10th Annual Global Energy Forum: National Restructuring Conference, Discussion Leader Washington, DC

## March 2007

**Presenter:** The POWER-GEN Renewable Energy & Fuels Conference, Las Vegas, NV

Speaker: EBA Midwest Chapter Meeting, Keynote Speaker, St. Louis, MO

# February 2007

**Speaker:** Renewable Energy Committee meeting, Keynote Speaker, Washington, DC

**Speaker:** FERC/NARUC Demand Response Collaborative Co-Chair for the 2007 Winter Meeting Session, Washington, DC

# January 2007

Participant: Pacific Northwest National Laboratory, Richmond, WA

## November 2006

**Speaker:** Alliance to Save Energy, "The power is in your hands campaign"

Speaker: Energy Bar Association Mid-Year Meeting, Washington DC

# October 2006

Speaker: Independent Energy Producers Association (IEP) 25th Annual meeting, Fallen Leaf Lake, South Tahoe, NV

# February 2006

**Presenter:** Can Renewables and Energy Efficiency Fill the Gap", Energy Bar Association, San Francisco, CA

# September 2005

**Presenter:** "Call to Action", CADER CAL SEIA Conference on Distributed Generation, Santa Clara, CA

#### June 2005

Presenter: "Cool Peaker: The Efficient AC Peak Load Savings", Nevada Power Company Presentation, Las Vegas, NV

# February 2005

Presenter: US Utilities' Acceptance of Renewable Energy", Members of the British Parliament at the request of Western Area Power Administration, Sacramento, CA

# January 2005

**Presenter:** "Washoe Resource Coalition", Efficiency Alternatives to Central Plant Generation, Reno, NV

# July 2004

**Participant:** Law Seminars International Energy in the Southwest Conference, Panelist, "Diversifying Generation in the Southwest", Santa Fe, NM

## June 2004

Participant: States of Alaska and Nevada Geothermal Trade Mission, Panelist, "The Government's Role in Renewable Energy Development", Reno, NV

## October 2003

Master of Ceremonies: Renewable Energy in the West Conference, Reno, NV

# September 2003

Participant: US DOE GeoPowering the West State Working Group Summit Meeting on Geothermal Development Opportunities, Panelist, Boise, ID

## September 2003

**Speaker:** Geothermal Development on Military Lands - Development Opportunities through the Public/Private Partnership Model, Contract to the US Navy Geothermal Program Office

# July 2003

Presenter: "Opportunities for Geothermal Development-Oregon/California 500kV Transmission Line", US DOE GeoPowering the West State of Oregon Geothermal Collaborative, Portland, OR

# July 2001

Presenter: "The Renewable Portfolio: Increasing Supply with Renewable Energy", Energy Restructuring in the Southwest Conference, Las Vegas, NV

## October 2000

Presenter: "Geothermal Industry & Renewable Energy", to the FEMP/DOE Northwest Regional Renewable Summit on behalf of Vulcan Power, Seattle, WA

## June 2000

Presenter: "Energy Star Small Business Presentation", ILDA National Conference on behalf of Jerry Lawson of the EPA, Las Vegas, NV Participant: "Southwest Electricity Reliability Summit", Invitation of Secretary of Energy Bill Richardson, Phoenix, AZ Presenter: "Rebuild America Business Partners Forum", Business Partner Program Participation, Henderson, NV

# January 2000

Participant: "Rebuild America Program Planning Workshop", Atlanta, GA Presenter: "Preparing Your Facility for Electric Deregulation", Electric 2000 Conference, Las Vegas, NV

# July 1999

**Presenter:** "The Status of Electric Deregulation", DOE Rebuild National Conference, Las Vegas, NV

#### June 1999

**Presenter:** "How to Choose an Energy Services Company", US DOE Rebuild America Peer Exchange, San Francisco, CA

#### November 1995

**Presenter:** "A Cooperative Model for Utility Restructuring", National Rural Electric Cooperative Association, Santa Fe, NM

# September 1995

Presenter: "Gambling on an Urban Co-op", Renewable Energy Development Institute Symposium Proceedings, Willits, CA

## April 1994

**Presenter:** Open Lighting Forum, Association of Energy Engineers, Anaheim, CA

## March 1994

Presenter: "Strategies for Efficient Lighting System Retrofit" Southern California Edison Energy Show & Seminar, Long Beach, CA

# February 1993

**Speaker:** "Las Vegas Flamingo Hilton Environmental & Energy Plan", Nevada's FUTURE '94 Conference, Las Vegas, NV

#### October 1992

**Speaker:** "Current Trends in Lighting Efficiency Improvements", Sacramento Energy Forum '92, Sacramento, CA

# August 1992

Presenter: "Status of Integrated Resource Planning in the United States", 1992 Summer Study on Energy Efficiency in Buildings, American Council for an Energy Efficient Economy, Asilomar, CA

## October 1991

**Presenter:** "Least-Cost Utility Planning/U.S. Survey", American Public Power Association, Santa Fe, NM

## September 1990

**Presenter:** "Least-Cost Planning Manual for State Consumer Advocates", U.S. Department of Energy

# July 1989

**Presenter:** Iowa Utility Association Least-Cost Planning Conference, Des Moines, IA

# December 1988

**Presenter:** Governor's Task Force Least-Cost Planning & Conservation, St. Paul, MN

**Presenter:** "Integrated Resource Planning", Conference on Developing Georgia's Energy Future: Least-Cost Energy Planning, Athens, GA

## October 1988

Participant: Conservation Committee Seminar, NARUC Annual Meeting Panelist, Seminar on Alternative Incentive Mechanisms in Least-Cost Planning, San Francisco, CA

## November 1987

**Speaker:** "Least-Cost Electricity Planning: Financial Incentives for Utility Promotion of Conservation", 99th Annual Convention and Regulatory Symposium, National Association of Regulatory Utility Commissioners, New Orleans, LA

## June 1987

**Presenter:** "Electric Least-Cost Planning", 1987 Mid-Year Meeting, National Association of State Utility Consumer Advocates, Washington, DC

**Presenter:** "Cost Recovery in Least-Cost Utility Planning", Demand-Side Management Conference, sponsored by the Electric Power Research Institute, Houston, TX

# May 1987

Presenter: Least-Cost Integrated Planning Workshops, sponsored by the New York State Public Service Commission, New York, NY Presenter: "Utility Least-Cost Planning", PROMOD III Applications Forum, sponsored by Energy Management Associates, Inc., Atlanta, GA

# **April 1987**

**Speaker:** "A Least-Cost Utility Planning Statute for Nevada's Gas Utilities", before Assembly and Senate Committees of the Nevada Legislature, (Legislation enacted)

**Speaker:** "Least-Cost Planning", Decade of Advocacy Conference, sponsored by the Ohio Office of the Consumers' Counsel, Columbus, OH

# February 1987

**Speaker:** "Least-Cost Planning for Whom?", Least-Cost Energy Planning in the Mid-West: A Symposium, Chicago, IL

# January 1987

Speaker: "Rate Structure and Cost Recovery Models that Support Demand-Side Management", Demand-Side Management Options for Today, Opportunities for Tomorrow, conference sponsored by the Massachusetts Executive Office of Energy Resources, Boston, MA

# October 1986

Presenter: "Least-Cost Planning in the Electric Industry", 1986 Annual Meeting, National Association of State Utility Consumer Advocates, Phoenix, AZ

# September 1986

**Participant:** Regional Committee on Electric Power Cooperation, Western Interstate Energy Board, Park City, UT

# August 1986

Participant: Edison Electric Institute, Wye Dialogue, MD

# August 1985

Presenter: "Utility Regulation: Can States Hold the Line on Electricity Costs?", National Conference of State Legislatures, Seattle, WA

## **April 1986**

Presenter: "Choosing Demand and Supply Options for Electricity in Ontario", before the Select Committee on Energy of the Ontario Legislative Assembly, Toronto, Ontario, Canada

## May 1985

Presenter: "Least-Cost Planning and Phantom Taxes", before the Energy and Natural Resources Subcommittee, Committee on Energy and the Environment, U.S. House of Representatives, Washington, DC Speaker: "Evaluating Conservation Options", Electric Utilities and Their Customers, Consumer Federation of America, Washington, DC

# January 1985

Presenter: Workshops on Least-Cost Utility Planning, sponsored by the Colorado Public Service Commission and facilitated by the Harvard Negotiation Project, Denver, CO

**Speaker**: "Energy and Economic Growth in Nevada", Nevada Energy Symposium, Nevada Utility Shareholders' Association, Reno, NV

#### November 1984

**Speaker:** "Resource Planning: A Solution for Financially Troubled Utilities", State Utilities Regulation Seminar, National Association of Attorneys General, Washington, DC

# September 1984

**Speaker:** "New Approaches to Meeting Tomorrow's Demand for Electricity", American Public Power Association, Denver, CO

# August 1984

**Speaker:** "The Nevada Utility Resource Planning Act: An Economic Mandate for Utility Conservation Programs", 1984 Summer Study on Energy Efficiency in Buildings, American Council for an Energy Efficient Economy, Santa Cruz, CA

# July 1983

Comments: "Proposed Regulations for Least-Cost Utility Planning in Nevada", Docket 83-713, before the Nevada Public Service Commission

## **April 1983**

Speaker: "A Least-Cost Utility Planning Statute for Nevada's Electric Utilities", before Assembly and Senate Committees of the Nevada Legislature, (Legislation enacted)

## **PUBLICATIONS:**

# August 2008

"Creating Regulatory Structures for Robust Demand Response Participation in Organized Wholesale Electric Markets" ACEEE Summer Study Article

## November 2008

"Facilitating Hydrokinetic Energy Development Through Regulatory Innovation" *Energy Law Journal* 

## June 2008

"FERC Commissioners Comment on Hydro" *Published in Hydro Review Magazine* (The fifth review section)

# November 2007

"Recognizing the Importance of Demand Response: The Second Half of the Wholesale Electric Market Equation", *Energy Law Journal Article*, Volume 28, No. 2 Co-authored D. Morenoff

# August 2007

"Dropping Your Load to Reduce Your Carbon Footprint", San Francisco Chronicle

# August 2004

"Rebirth of Utility DSM Programs in Nevada", Co-authored B. Balzar and H. Gellar, 2004 Summer Study on Energy Efficiency in Buildings, American Council for an Energy Efficient Economy, Asilomar, CA

## September 2003

"Energy and Consumer Law", *TAG Law Western Regional Conference*, Las Vegas, NV

# November/December 2003

"Boosting Renewables for a Brighter Future", Wellinghoff, Jon, Lazar, Jim, Geothermal Bulletin

# May 1996

"Breaking Up— It's Not So Hard to Do", *The Electricity Journal*, Volume 9, Number 4, page 46

# August 1994

"Avoiding the Hospitality Resource Drain: Water and Natural Gas Conservation Publication: Measures", Journal of Hospitality and Tourism Research, Volume 5, Number 1, page 161

# January 1994

"Utility Commercial Lighting Programs — The Keys to DSM Success", Coauthor T. Flanigan, *IRT Environment* 

# May 1993

"Winning the Lighting Retrofit Game", Electrical Construction and Maintenance Magazine

## December 1992

"HID Lighting", Southern California Edison Lighting Course Manual

# October 1992

"System Approach to Commercial Lighting", Southern California Edison Lighting Course Manual

## June 1992

"Introduction to Commercial Lighting", Southern California Edison Lighting Course Manual

# August 1985

"A Model for Statewide Integrated Utility Resource Planning", *Public Utilities Fortnightly* 

## October 2007

"Key US Officials Get V2G Demo" CalCars News Archive, Palo Alto, CA

## **TESTIMONIES:**

#### March 2010

United States House of Representatives - Committee on Energy and Commerce on the Oversight of FERC, Washington, DC

## December 2009

United States Senate - Committee on Energy and Natural Resources on examining financial transmission rights and other electrical market mechanisms, Washington, DC

United States House of Representatives - Energy and Commerce Committee, Subcommittee on Energy and Environment regarding the Impacts of H.R. 3795, The Over-the-Counter Derivatives Markets Act of 2009, on Energy Markets, Washington, DC

## October 2009

United States Senate - Committee on Environment and Public Works regarding Clean Energy Jobs and American Power Act, Washington, DC

# August 2009

United States Senate - Environment & Public Works Committee on climate change and clean energy transformation, Washington, DC

## June 2009

United States House of Representatives - Energy and Commerce Committee, Subcommittee on Energy and Environment on proposals for new legislation on transmission planning, cost allocation, and siting authority, Washington, DC

## March 2009

United States Senate - Energy and Natural Resources Committee regarding Electric Transmission Line Siting, Washington, DC

# May 2008

United States Senate - Energy and Natural Resources Committee regarding the adequacy of state and federal regulatory structures for governing electric utility holding companies, Washington, DC

#### December 2007

United States Senate - Energy and Natural Resources Committee regarding his re-nomination as a Member of the Commission, Washington, DC

# May 2007

United States House of Representatives - Energy and Commerce Subcommittee on Energy and Air Quality on Demand Response, Washington, DC

#### March 2005

Nevada Senate - Committee on Commerce and Labor, AB 192, Incorporation of energy efficiency into Nevada RPS law, Carson City, NV

# March 2004

Integrated Resource Planning Law in Nevada, Before Public Utilities Commission of Nevada, Sierra Pacific Power Company, Docket No. 03-12002, Carson City, NV

# April 1994

In the Matter of Central Utility Company for an Increase in Rates", CUC Docket 12841, before the Public Utility Commission of TX

# May 1993

In the Matter Of the Application of Texas Utilities For An Increase In Rates", TUEC Docket 11735, before the Public Utility Commission of TX

# **April** 1991

In the Matter of the Application of Potomac Electric Power Company For An Increase In Retail Rates For The Sale Of Electric Energy", Formal Case No. 905, before the District of Columbia Public Service Commission

# July 1990

In the Matter of the Application of Potomac Electric Power Company for Changes to Electric Rate Schedules", Formal Case No. 834, Phase II, before the District of Columbia Public Service Commission

# February 1990

In the Matter of the Application of District of Columbia Natural Gas Company for an Increase in Rates", Formal Case No. 890, before DC Public Service Commission

# January 1990

In The Matter Of the Application of Potomac Electric Power Company For An Increase In Rates", Formal Case No. 889, before the District of Columbia Public Service Commission

# January 1989

In the Matter of the Application of Potomac Electric Power Company for Approval to Construct Combustion Turbines at Its Benning Road Generating Station", Formal Case No. 877, before the District of Columbia Public Service Commission