 FINAL PROGRAM

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SUPPORTING ORGANIZATIONS
Sunday, October 23

Grand River Dam Authority Tour
8:15 AM - 5:30 PM ■ Meet in front of hotel
Sponsored By: Grand River Dam Authority
This tour will be an opportunity to meet with GRDA’s senior management team and learn more about the decisions which went into GRDA’s unique mix of generation consisting of natural gas, conventional hydro, pumped-storage hydro, wind purchase contracts, and coal. Buses pick up from the hotel’s main entrance, 2nd Street.

Registration
12:00 noon - 7:00 PM ■ Outside of Executive Room

USAEE Council Lunch (By Invitation)
12:00 noon - 1:00 PM ■ Promenade Ballroom A

USAEE Council Meeting
1:00 PM - 4:00 PM ■ Promenade Ballroom C

Case Competition
4:30 PM - 6:00 PM ■ Promenade Ballroom B
Parth Vaishnav (Presiding)
Research Engineer, Carnegie Mellon University
Team #1 - Solar Solutions International
Arash Saboori
Ben White
University of California, Davis
Team #2 - CEEP@Delaware
Joseph Nyangon
Nabeel Alabbas
University of Delaware
Team #3 - The Pittsburgh Pascals
Aparatim Vidyarthi
Pritham Aravind
Rafe Khan
Suyash Kela
Stephanie Beels
Carnegie Mellon University

Monday, October 24

Registration
7:00 AM - 7:00 PM ■ Outside of Executive Room

Student Mentoring Breakfast
7:00 AM - 8:30 AM ■ Promenade Ballroom B & C

Continental Breakfast
7:45 AM - 8:30 AM ■ Promenade Ballroom Foyer
Sponsored By: ConocoPhillips

Welcome & Introduction
8:30 AM - 9:00 AM ■ Tulsa Ballroom South

Opening Plenary Session:
Energy Policy – Competing Visions from the Two Parties
9:00 AM - 10:30 AM ■ Tulsa Ballroom South
Both the Senate and House are working on comprehensive energy legislation. If it becomes law, the North American Energy Security and Infrastructure Act of 2016 will have far-reaching implications for virtually all sectors of the energy sector. The goal of this session is to get an update on the status of the legislation from key staffers on the Senate Energy and Natural Resources Committee. Will the legislation help us become more energy self-sufficient? What will the legislation mean for modernizing our infrastructure? What are the goals for increasing the share of renewables? Increasing exports of domestic oil and natural gas? And if the legislation is not yet finalized by the time of the conference, what is the likely future of the legislation during the final two months of 2016?
Christine Tezak (Presiding)
Managing Director, Research, Clearview Energy Partners LLC
Angela S Becker-Dippmann
Democratic Staff Director, Senate Energy and Natural Resources Committee
Brian Hughes
Republican Deputy Staff Director, Senate Energy and Natural Resources Committee

Coffee Break
10:30 AM - 11:00 AM ■ Promenade Ballroom Foyer

Inaugural Government Track Session 1 & Concurrent Sessions 2-6
11:00 AM - 12:45 PM ■ Tulsa Ballroom South

Opening Reception
SUNDAY 6:00 PM - 7:30 PM ■ Tulsa Ballroom South

Post-Reception Social Gathering
7:30 PM - 9:30 PM @ McNellies

Don’t Drink Alone! Begin the Conference with New Acquaintances!
After the Opening Reception, USAEE Council members and presidential advisors will lead a group of both newcomers and oldcomers to gather for drinks and food at a local pub, McNellies, which is within walking distance of the conference hotel. This will be a great opportunity to meet a number of conference attendees at the outset of the conference! Please note that all attendees will be responsible for paying for their own tab.
2. Energy, Environment, and Financial Issues

Tulsa Ballroom Central

Adonis Yatchew (Presiding)
PROFESSOR DEPARTMENT OF ECONOMICS,
UNIVERSITY OF TORONTO

The Impacts of Environmental Policies on Stock Prices of Energy Companies in China

Xiaoli Zhao
Ye Fan
CHINA UNIVERSITY OF PETROLEUM (BEIJING)

Xueying Yu
BEIHANG UNIVERSITY

Ming Fang
XINJIANG UNIVERSITY OF FINANCE AND ECONOMICS

Technology-Push, Demand-Pull, and Strategic R&D Investment

Benjamin D Leibowicz
ASSISTANT PROFESSOR, UNIVERSITY OF TEXAS AT AUSTIN

Risk, Liability, and the Costs of CO2 Sequestration

Steven T. Anderson
ECONOMIST, U.S. GEOLOGICAL SURVEY

DISCUSSANT
Andy Coleman
GOVERNMENT LEAD, ERPI

3. Topics in Natural Gas

Directors 3 Room

Michael Plante (Presiding)
SENIOR RESEARCH ECONOMIST,
FEDERAL RESERVE BANK OF DALLAS

Weather Forecast, Forecast Revisions and Natural Gas Price Dynamics

Zhen Zhu
Kuang-Chung Hsu
Xixi Zhang
Brittany Petty
UNIVERSITY OF CENTRAL OKLAHOMA

United States Natural Gas (LNG) Exports: Challenges and Opportunities

Ronald D Ripple
PROFESSOR, UNIVERSITY OF TULSA

The Causal Relationship in North American Energy Production

Neil A Wilmot
Ariuna Taivan
UNIVERSITY OF MINNESOTA DULUTH

Limitations on Natural Gas Combined Cycle (NGCC) Capacity Under Deep CO2 Reduction Scenarios

Donald A Hanson
ARGONNE NATIONAL LABORATORY

David K Schmatzer
ARGONNE NATIONAL LAB

Christopher Nichols
NATIONAL ENERGY TECHNOLOGY LABORATORY

DISCUSSANT
Robert L. Kleinberg
UNCONVENTIONAL RESOURCES, SCHLUMBERGER RESEARCH

4. Oil Pricing Issues

Tulsa Ballroom South

Andrew Slaughter (Presiding)
EXECUTIVE DIRECTOR, DELOITTE SERVICES LP

Can Oil Price Developments Explain Cost Overruns in Petroleum Projects?

Atle Ogland
Roy Endré Dahl
Sindre Lorentzen
Petter Osmundsen
UNIVERSITY OF STAVANGER

Crude Oil Exports and Shipping Constraints in the Global Market. Empirical Evidence Explaining Crude Price Differentials

Gregory B Upton
LOUISIANA STATE UNIVERSITY

Mark Agerton
RICE UNIVERSITY

What Price for Oil in 2017?

Jean-Pierre M Favennec
PROFESSOR, WDCOOPERATION

DISCUSSANT
Andre Plourde
DEAN FACULTY OF PUBLIC AFFAIRS, CARLETON UNIVERSITY

5. Best Paper Session

Diplomat Room

Anastasia Shcherbakova (Presiding)
CLINICAL ASST PROFESSOR, UNIVERSITY OF TEXAS AT DALLAS

Voting Behavior in the PJM Regional Transmission Organization

Kyungjin Yoo
Seth Blumsack
PENN STATE UNIVERSITY

The Private and Social Value of Blackout Risk Reduction

Anand Govindarajan
PENNSYLVANIA STATE UNIVERSITY

How does Fuel Cost Affect Heavy-duty Truckers’ Decisions?

Jen Z. He
UNIVERSITY OF MARYLAND

6. Current Topics in Nuclear and Coal Energy

Tulsa Ballroom North

Peter Balash (Presiding)
SENIOR ECONOMIST, US DEPARTMENT OF ENERGY - NETL

One Conspirator or Two in the Death of the Coal Miner’s Daughter

Kirk Philipich
Bruce Bublitz
UNIVERSITY OF MICHIGAN - DEARBORN

Ramachandran Ramanan
UNIVERSITY OF NOTRE DAME

Market and Welfare Analysis of Nuclear Power Plant Shutdowns

Jung You
CALIFORNIA STATE UNIVERSITY-EAST BAY

Minsoo Jeong
YONSEI UNIVERSITY-WONJU

Making Energy Policy: Toward a Framework of Analysis

Peter Z Grossman
EFROYMSON PROFESSOR OF ECONOMICS, BUTLER UNIVERSITY

DISCUSSANT
Hisanori Nei
PROFESSOR, GRIPS

AWARDS LUNCHEON

12:45 pm - 2:30 pm

Promenade Ballroom B, C, and D

USAEE Adelman Franek Award to:
Fereidun Fesharaki

USAEE Senior Fellow Awards to:
Mary Lashezy Barcella
John Felmy
Ronald Ripple

IAEE Outstanding Contributions to the Profession Award to:
Richard O’Neill
MONDAY, OCTOBER 24, CONTINUED

DUAL PLENARY SESSION:
Managing in a Low-Price Environment
2:30 pm - 4:00 pm  ■ Tulsa Ballroom South
There has been much discussion and media coverage of the implications for the oil and gas industry as a result of the extended low-price environment that we find ourselves in. However, different segments of the industry have been affected differently and have dealt with the conditions in different manners. The panel of industry participants will discuss what the effects have been on their segment and what they have done to address changes so they survive the current market and prepare for the future.
Bob Tippee (Presiding)
EDITOR, OIL & GAS JOURNAL
David E Chenier
CHIEF PROCUREMENT OFFICER, CONOCOPHILLIPS
Randy A Foutch
CHAIRMAN AND CEO, LAREDO PETROLEUM HOLDINGS INC
William C Lawson
VICE PRESIDENT, CORPORATE DEVELOPMENT AND EXECUTION, WILLIAMS COMPANY

DUAL PLENARY SESSION:
Challenges and Opportunities in the Transport Sector
2:30 pm - 4:00 pm  ■ Tulsa Ballroom Central
Some targets are easier to hold up than to hit, and doubling US vehicle mileages in nine years is no exception. This session will explore the economic, policy and technical implications involved in vastly increasing vehicle efficiencies, the role markets will play, and how quickly changes can take place while still keeping the nation moving. Top vehicle builders and transportation economists will debate prospects and costs for further petroleum engine efficiencies and lighter vehicle materials, as well as emerging electric vehicle (EV) technologies, falling battery costs, and electricity generation and delivery system economics — all amid persistently low fuel prices.
Benjamin Schlesinger (Presiding)
PRESIDENT, BENJAMIN SCHLESINGER & ASSOC LLC
Sanya Carley
ASSOCIATE PROFESSOR, INDIANA UNIVERSITY
Kenneth Gillingham
ASSISTANT PROFESSOR OF ECONOMICS, YALE UNIVERSITY
Nancy Homeister
MANAGER, GREENHOUSE GAS AND FUEL ECONOMY REGULATORY STRATEGY, FORD MOTOR COMPANY

COFFEE BREAK
4:00 pm - 4:30 pm  ■ Promenade Ballroom Foyer

INAUGURAL GOVERNMENT TRACK SESSION 2 & CONCURRENT SESSIONS 8-12
4:30 pm - 6:15 pm

★ INAUGURAL GOVERNMENT TRACK ★

2. Transition from the Point of View of Agency Personnel
■ Promenade Ballroom A
Speakers will provide the perspectives of agency incumbents charged with assisting incoming officials in getting up to speed quickly and identifying the most urgent and important actions required of them to achieve their objectives. They will use their experiences with previous transitions to help others understand how they can prepare for coming Presidential transition.
Abbe Haspel (Presiding)
FORMER ASSISTANT DEPUTY SECRETARY, DEPARTMENT OF THE INTERIOR, DEPUTY ASSISTANT SECRETARY, DEPARTMENT OF ENERGY, (CURRENTLY, PRESIDENT, COGENT ANALYSIS GROUP, LLC)
Howard Gruesnpecht
U.S. ENERGY INFORMATION ADMINISTRATION, FORMER DEPUTY ASSISTANT SECRETARY AND DIRECTOR IN OFFICE OF POLICY, DEPARTMENT OF ENERGY
Jane Lyder
FORMER DEPUTY ASSISTANT SECRETARY AND LEGISLATIVE COUNSEL, DEPARTMENT OF THE INTERIOR
Tom Russo
MORE THAN 30 YEARS AS MANAGER AND SR. ENERGY INDUSTRY ANALYST, FEDERAL ENERGY REGULATORY COMMISSION, (CURRENTLY, PRESIDENT, RUSSO ON ENERGY LLC)

8. Hedging Energy Price Risk
■ Tulsa Ballroom Central
Eric Hittinger (Presiding)
ASSISTANT PROFESSOR, ROCHESTER INSTITUTE OF TECHNOLOGY
Michael E Canes
DISTINGUISHED FELLOW, LMI
Should Public Agencies Engage in Fuel Hedging?
The Stability of Energy Prices in the New Decade: The Case of European and U.S. Oil and Natural Gas Prices
Roy Endre Dahl
Atle Oglend
UNIVERSITY OF STAVANGER

A Review of the Literature on Commodity Risk Management with a Focus on Energy Risk Management
Betty J Simkins
OKLAHOMA STATE UNIVERSITY
Stephen D. Treanor
CALIFORNIA STATE UNIVERSITY, CHICO
Daniel A. Rogers
PORTLAND STATE UNIVERSITY

9. Lessons from the Clean Power Plan
■ Tulsa Ballroom North
Andy Coleman (Presiding)
GOVERNMENT LEAD, EPRI
Greenhouse Gas Spill-over from the U.S. Clean Power Plan into the Paris Agreement
Jeffrey C Peters
STANFORD UNIVERSITY
Green Paradigm: The Case of the Clean Power Plan
Isaac A Duah
STUDENT, WASHINGTON STATE UNIVERSITY
Clean Power Plan Insights for Pennsylvania
Jeffrey J Anderson
Haibo Zhai
PAUL FISCHBECK
CARNEGIE MELLON UNIVERSITY
David Rode
QUADRILATERAL ENERGY GROUP
Utilization of Natural Gas Capacity in Response to U.S. Clean Power Plan
Kelly A. Stevens
SYRACUSE UNIVERSITY

DISCUSSANT
Chiara Lo Prete
ASST PROFESSOR ENERGY ECONOMICS, THE PENNSYLVANIA STATE UNIVERSITY

10. Macroeconomic Effects of Energy
■ Tulsa Ballroom South
Jerald Fletcher (Presiding)
PROFESSOR AND DIRECTOR, WEST VIRGINIA UNIVERSITY
Effects of Fluctuations in Oil Price on Macroeconomic Variables in Nigeria
Kayode E Olaide
STUDENT, CARLETON UNIVERSITY
11. Innovations in Renewable Energy

- Diplomat Room

Dan Packey (Presiding)
PROFESSOR, CURTIN UNIVERSITY OF TECHNOLOGY

Hydro Farms: A New Innovation on a New Idea

Daniel J Packey
Yue Liu
CURTIN UNIVERSITY

Local Demand-pull Policy and the Locus of Innovation: Evidence from Solar PV in China

Xue Gao
Varun Rai
THE UNIVERSITY OF TEXAS AT AUSTIN

Renewable Self-reserve and Storage Management Under Market and Generation Uncertainties: Application to Ocean Wave Energy Farms

Kwami Senam Sedzro
Alberto J Lamadrid
Shalinee Kishore
Arindam Banerjee
Larry V Snyder
LEHIGH UNIVERSITY

Marine Energy Conversion Technologies: Lowering the Levelized Cost of Energy through Control Systems, Materials Research, and Systems Engineering

Peter H Kobos
Vincent S Neary
Ryan G Coe
Bernadette A Hernandez-Sanchez
SANDIA NATIONAL LABORATORIES

DISCUSSANT
Greg Upton
ASSISTANT PROFESSOR, LSU CENTER FOR ENERGY STUDIES

USAEE CHAPTER LEADERSHIP MEETING

5:15 pm - 6:15 pm  ■ Oklahoma Ballroom North

POSTER SESSION & NETWORKING RECEPTION

6:30 pm - 8:00 pm  ■ Promenade Ballroom B, C, D and Foyer


Jing Liang
Yueming (Lucy) Qiu
ARIZONA STATE UNIVERSITY

2. Weather-Based Long-Term Electricity Demand Forecasting Model for Saudi Arabia: A Hybrid Approach Using End-Use and Econometric Methods for Comprehensive Demand Analysis

Nabeel Alababs
CENTER FOR ENERGY AND ENVIRONMENTAL POLICY/UNIVERSITY OF DELAWARE (SPONSORED BY SAUDI ARAMCO)

Joseph Nyangon
CENTER FOR ENERGY AND ENVIRONMENTAL POLICY/UNIVERSITY OF DELAWARE

Poster Session Continued

3. On the Climate Policy Implications of Substitutability and Flexibility in the Economy

Melanie Craxton
James Merrick
Christos Makridis
John Taggart
STANFORD UNIVERSITY

4. Drivers of Royalty Rates and Primary Terms in Private U.S. Mineral Leases

Mark J Agerton
RICE UNIVERSITY

5. Economic Feasibility of Integrating Renewable Energy into the Nigerian Power Generation Mix by 2030

Nathaniel A Babajide
CEPMLP, UNIVERSITY OF DUNDEE, UK

6. Ethanol and Non-Ethanol Gasoline Price Dynamics

Jade E Davis
UNIVERSITY OF CENTRAL OKLAHOMA

7. Empirical Analysis on Vertical and Horizontal Wells in San Juan Basin

Elmira Kalhor
Katie M Zemlick
UNIVERSITY OF NEW MEXICO

8. World LNG Outlook

Naiagara R Silva
FLUMINENSE FEDERAL UNIVERSITY

Renato P Queiroz
Edmar L F Almeida
William C Vitto
UNIVERSITY FEDERAL OF RIO DE JANEIRO


Naga S Goteti
Eric Williams
Eric Hittinger
ROCHESTER INSTITUTE OF TECHNOLOGY

10. Shale Oil Producers Hedging Policies and Firm Value

Eleanor Morrison
SOAS UNIVERSITY OF LONDON

STUDENT RECEPTION  MONDAY 8:00 PM - 10:00 PM  ■ PRAIRIE BREW PUB

Immediately following the Poster Session & Networking Reception come join fellow students at the Prairie Brew Pub, a 10 minute walk from the conference hotel, for further drinks and networking opportunities.
TUESDAY, OCTOBER 25, CONTINUED

REGISTRATION
7:00 am - 6:30 pm  ■ Outside of Executive Room

CONTINENTAL BREAKFAST
7:45 am - 8:30 am  ■ Promenade Ballroom Foyer
Sponsored By: Laredo Petroleum

INAUGURAL GOVERNMENT TRACK SESSION 3
& CONCURRENT SESSIONS 14-18
8:30 am - 10:15 am

★ INAUGURAL GOVERNMENT TRACK ★

3. Transition from the Point of View of Outside Stakeholders
Promenade Ballroom A
Wrapping up the 3-part series, panelists will use their experience and perspectives as third party stakeholders to help both session leaders and government/political staff understand how to minimize the potential difficulties for third-party stakeholders during the transition. They will reflect on the uncertainty that transition brings and what they have done to advance their missions and policies during these times of uncertainty. This will be followed by a guided panel discussion, including interaction with previous panel members and the audience.

Arnold Baker (Presiding)
FORMER CHIEF ECONOMIST, SANDIA NATIONAL LABORATORIES; DIRECTOR OF POLITICAL ECONOMIC ANALYSIS AND OTHER MANAGEMENT POSITIONS, ATLANTIC RICHFIELD COMPANY; (CURRENTLY, PRINCIPAL OF ABB CONSULTING)

Keller Staley
SENIOR VICE PRESIDENT, LONGENECKER & ASSOCIATES; 30 YEARS OF EXPERIENCE MANAGING COMPLEX, MULTIMILLION DOLLAR CONTRACTS FOR DEPARTMENT OF ENERGY

Mary Lashley Barcella
DIRECTOR, NORTH AMERICAN NATURAL GAS, IHS MARKET

John Jimison
FORMER SENIOR COUNSEL, ENERGY AND COMMERCE COMMITTEE, HOUSE OF REPRESENTATIVES; (CURRENTLY, MANAGING DIRECTOR OF THE ENERGY FUTURE COALITION)

John Felmy
CHIEF ECONOMIST (RETIRED), AMERICAN PETROLEUM INSTITUTE; (CURRENTLY, MIDNIGHT ENERGY ECONOMICS)

We are delighted to have Stephen St. Marie, California PUC Advisor on Policy and Planning, serve as Rapporteur for the Government Track and each of its three panels, providing written panel summaries and an overall integration of advice and recommendations for future reference and for the benefit of those who cannot attend one or more sessions.

14. Mitigation of Environmental Impact
Tulsa Ballroom Central
Tom Drennen (Presiding)
PROFESSOR OF ECONOMICS, HOBART AND WILLIAM SMITH COLLEGES

Positive Environmental Impacts from Reduced Levels of Energy Transportation – A Hidden Benefit of Self-Sufficiency?
Patricia S VanHorn
OWNER/OPERATOR, NEWLAND CONSULTING

Energy Demand Decomposition and CO₂ Emissions
Akinsehinwa Sharimakin
Anthony J Glass
LOUGHBOROUGH UNIVERSITY

How Much Does Increasing Non-fossil Fuels in Electricity Generation Reduce Carbon Dioxide Emissions?
Brantley Liddle
ENERGY STUDIES INSTITUTE

Perry Sadowsky
YORK UNIVERSITY

DISCUSSANT
Masahiro Sugiyama
ASSISTANT PROFESSOR, THE UNIVERSITY OF TOKYO, PARIS

15. Factors Affecting Energy Efficiency and Implications for Country Policies
Tulsa Ballroom North
Gurkan Kumbaroglu (Presiding)
PROFESSOR, BOGAZICI UNIVERSITY

Mahsa Moshtrefi
BASIL SHARP
THE UNIVERSITY OF AUCKLAND

Simulation of Price Control for Different Grades of Gasoline: A Case of Indonesia
Muhammad I Akimaya
COLORADO SCHOOL OF MINES

Factors Affecting U.S. Commercial Buildings Energy Consumption
Behjat Hojjati
U.S. ENERGY INFORMATION ADMINISTRATION

Analyzing Elasticity Trends for Singapore Household Electricity Demand – Implications for Policy Making and the Rebound Effect
Tian Sheng Allan Loi
Jia Le Ng
ENERGY STUDIES INSTITUTE

Soh Leng Loo
DISCUSSANT
Nyakundi M. Michieka
ASSISTANT PROFESSOR, CALIFORNIA STATE UNIVERSITY

16. Locational Aspects of Petroleum
Tulsa Ballroom South
Greg Upton (Presiding)
ASSISTANT PROFESSOR, LSU CENTER FOR ENERGY STUDIES

Performance of the U.S. Petroleum Infrastructure Under Future Oil Market Scenarios
Gbadebo Oladosu
OAK RIDGE NATIONAL LABORATORY

Physical Market and WTI/Brent Price Spread
Pan Liu
Dmitry Vedenov
Reid Stevens
TEXAS A&M UNIVERSITY

Mineral Rights Owners V.S. Producers: The Unintended Consequences of Well-Spacing Exceptions
Reid Stevens
ASSISTANT PROFESSOR, TEXAS A&M UNIVERSITY

DISCUSSANT
Robert Borgstrom
REGULATORY ADVISOR

17. The Impacts of Regulations and Reforms in the Global Electricity Markets
Directors 3 Room
Anas Alhajji (Presiding)
MANAGING PARTNER, ENERGY OUTLOOK ADVISORS LLC

An Empirical Analysis of the Effects of California’s Cap-and-trade Program on Western Electricity Markets
Li Zhao
THE JOHNS HOPKINS UNIVERSITY

Chiara Lo Prete
THE PENNSYLVANIA STATE UNIVERSITY

The Effects of Clean Electricity Certificates on the Value of Transmission Rights
Olvar Berglund
NORTHERN UNIVERSITY OF LIFE SCIENCES

Drivers of Electricity Distribution Costs and Tariffs in Uganda: The Roles of Reforms and Regulation
Livingstone Senyonga
Berglund Olvar
NMU

DISCUSSANT
Seth Blumsack
ASSISTANT PROFESSOR, PENN STATE UNIVERSITY
TUESDAY, OCTOBER 25, CONTINUED

18. Pricing Policy and Demand in the Global Gasoline Markets
- Diplomat Room
  Yueming (Lucy) Qui (Presiding)
  ASSISTANT PROFESSOR, ARIZONA STATE UNIVERSITY
Gasoline Demand, Pricing Policy and Social Welfare in Saudi Arabia
  Lester C Hunt
  KING ABDULLAH PETROLEUM STUDIES AND RESEARCH CENTER (KAPSARC)
  Anwar Gasim
  Tarek N Atalla
  KAPSARC
Second Degree Price Discrimination in Retail Gasoline Markets
  Travis Roach
  UNIVERSITY OF CENTRAL OKLAHOMA

DISCUSSANT
  Anastasia Shcherbakova
  CLINICAL ASST PROFESSOR, UNIVERSITY OF TEXAS AT DALLAS

COFFEE BREAK
10:15 am - 10:45 am ■ Promenade Ballroom Foyer

DUAL PLENARY SESSION:
U.S. Oil and Natural Gas Exports - How have the Economics Changed?
10:45 am - 12:15 pm ■ Tulsa Ballroom South

The oil and natural gas industries are facing uncertainty as the rate of demand growth has failed to match either expectations or that of supply. The resulting low prices have damaged the economics of investments worldwide, with many factors having led to the change in industry dynamics. How will oil and natural gas and their roles in the larger energy mix, in both domestic and international markets, evolve to regain balance and provide new arbitrage opportunities? Are export market incentives with many factors having led to the change in industry dynamics. How will oil and natural gas and their roles in the larger energy mix, in both domestic and international markets, evolve to regain balance and provide new arbitrage opportunities? Are export market incentives necessary to promote domestic energy self-sufficiency? Our panel of experts will aim to provide insights into the changing conditions and answers to these questions.

Tina Vital
PRESIDENT, TJV CONSULTING LLC
Kathleen Eisbrenner
FOUNDER, CHAIRMAN & CEO, NEXTDECADE
John Felmy
CONSULTANT, MIDNIGHT ENERGY ECONOMICS
Chris Pedersen
NORTH AMERICAN LNG ANALYST, S&P GLOBAL PLATTS

Awards Luncheon
12:15 pm - 2:00 pm ■ Tulsa Ballroom Central

RARE: Journalism Award to: Russell Gold

Student & Other Awards/Recognitions

Michael J Teague (Keynote Speaker)
SECRETARY OF ENERGY AND ENVIRONMENT, STATE OF OKLAHOMA
"Impacts of Induced Seismicity in Oklahoma"

DUAL PLENARY SESSION:
Challenges and Opportunities for Renewables
10:45 am - 12:15 pm ■ Tulsa Ballroom Central

The real-world promise and challenge of integrating large volumes of variable renewable energy are driving change in the center of the US. This panel is composed of a leader of the emerging transmission industry conveying that energy to market, a leader of a regional system operator integrating that energy in a reliability-first grid, and a leader of a major utility struggling with the market effects of that integration, moderated by an expert on renewable energy cost trends. What are the real market economics of renewables in today’s power sector, and what further change should be expected?

Stephen Munro
(Introductory Analysis and Discussion Moderator)
U.S. POLICY ANALYST AND EDITOR, BLOOMBERG NEW ENERGY FINANCE
Scott Vogt
VP OF ENERGY ACQUISITION, COMED
Jameson T (JT) Smith
DIRECTOR, POLICY STUDIES, MISO
Mario Hurtado
EXECUTIVE VICE PRESIDENT DEVELOPMENT, CLEAN LINE ENERGY PARTNERS

COINVESTIGATE
1:45 pm - 3:45 pm ■ Tulsa Ballroom South

■ Tulsa Ballroom Central
Govinda R Timilsina (Presiding)
SENIOR ECONOMIST, THE WORLD BANK
Are Deregulated Electricity Market and Climate Policy Compatible? Lessons from Overseas, from Europe to Japan
Bianka Shoai-Tehrani
Yasuhide Nakagami
Keigo Akimoto
RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH (RITE)

Carbon Pricing and Cross-Border Electricity Trading for Climate Change Mitigation in South Asia
Govinda R Timilsina
Mike Toman
WORLD BANK

Environmental Implications of Carbon Limits on Market Penetration of Combined Heat and Power with the U.S. Energy Sector
Ozge Kaplan
Jonathan W Witt
U.S. ENVIRONMENTAL PROTECTION AGENCY

DISCUSSANT
Alejandra Elizondo Cordero
RESEARCH FELLOW, CIDE
21. Energy Modeling in the Power Sector
- Tulsa Ballroom South

Sanya Carley (Presiding)
ASSOC. PROFESSOR, SCHOOL OF PUBLIC ENVIRONMENTAL AFFAIRS, INDIANA UNIVERSITY

Identifying Pathways Toward Sustainable Electricity Supply and Demand Using Integrated Resource Strategic Planning Model for Saudi Arabia
Nabeel H Alabas
PH.D. CANDIDATE, CENTER FOR ENERGY AND ENVIRONMENTAL POLICY/UNIVERSITY OF DELAWARE (SPONSORED BY SAUDI ARAMCO)

The Potential Role of Natural Gas Power Plants with Carbon Capture and Storage as a Bridge to a Low-carbon Future
Samaneh Babaei
Daniel Loughlin
US ENVIRONMENTAL PROTECTION AGENCY

Integrated Modeling of the North American Gas & Power Market
Robert E Brooks
Rahul Dhal
EPIS LLC

Estimating Consumer Preferences Among Diverse Electric Services
Alberto J Lamadrid
LEHIGH UNIVERSITY

DISCUSSANT
Andrew Slaughter
EXECUTIVE DIRECTOR, DELOITTE SERVICES LP

22. Energy and Economic Development
- Promenade Ballroom A

Michael L Troilo (Presiding)
ASSOCIATE PROFESSOR, THE UNIVERSITY OF TULSA

U.S. Natural Gas Development and Economic Growth: A State-Level Comparative Analysis
Michael L Troilo
Ronald D Ripple
THE UNIVERSITY OF TULSA

Oil and Gas Development on Agricultural Lands
Claudia M Hitaj
Ken Erickson
Jeffrey Hopkins
ECONOMIC RESEARCH SERVICE, USDA
Jeremy G Weber
UNIVERSITY OF PITTSBURGH

DISCUSSANT
Adonis Yatchew
PROFESSOR DEPARTMENT OF ECONOMICS, UNIVERSITY OF TORONTO

- Diplomat Room

Troy Thompson (Presiding)
BUSINESS PLANNING & ANALYTICS MGR, CHEVRON

Regulatory Capture in Resource Booms
Timothy Fitzgerald
TEXAS TECH UNIVERSITY

A Structural Econometric Model of The Dynamic Game Between Petroleum Producers in The World Petroleum Market
Khaled H Khieiravar
C.-Y. Cynthia Lin Lawell
James B Bushnell
Erich J Muehlegger
Amy Jaffe
UNIVERSITY OF CALIFORNIA AT DAVIS

Energy Hedging - A Fiduciary Responsibility
Seng Tom
ASSISTANT PROFESSOR - ENERGY BUSINESS, THE UNIVERSITY OF TULSA

DISCUSSANT
John Holding
INDEPENDENT ENERGY ANALYST

COFFEE BREAK
3:45 pm - 4:15 pm - Promenade Ballroom Foyer

DUAL PLENARY SESSION:
Clean Power Plan - Implications and Strategies
4:15 pm - 5:45 pm - Tulsa Ballroom Central

In 2015, the US Environmental Protection Agency unveiled the Clean Power Plan, an ambitious regulatory plan to reduce electricity sector emissions 32% by 2030. This panel will discuss critical issues and implications of the plan, including its costs and economic efficiency, effects on energy markets, current legal challenges, and utility strategies for implementation.

Eric Hitteger (Presiding)
ASSISTANT PROFESSOR, ROCHESTER INSTITUTE OF TECHNOLOGY

Christine Tezak
MANAGING DIRECTOR, RESEARCH, CLEARVIEW ENERGY PARTNERS LLC

Charles Rossmann
FORECASTING & MODEL DEVELOPMENT MANAGER, SOUTHERN COMPANY

Erica Bowman
CHIEF ECONOMIST, AMERICAN PETROLEUM INSTITUTE

USAAE GENERAL MEMBERSHIP MEETING
5:45 pm - 6:15 pm - Oklahoma Ballroom South

DUAL PLENARY SESSION:
Shale and the Future of World Oil
4:15 pm - 5:45 pm - Tulsa Ballroom South

Our expert panel will discuss how the advent of shale oil is likely to impact OPEC’s strategic role in the world oil market. Implications for long-term price trends, market structure, and international trade patterns will be considered, in addition to the prospects for, and potential significance of North American self-sufficiency in petroleum.

James L Smith (Presiding)
PROFESSOR OF FINANCE, SOUTHERN METHODIST UNIVERSITY

Philip K Verleger Jr
PRESIDENT, PK VERLEGER LLC

Marianne S Kah
CHIEF ECONOMIST, CONOCOPHILLIPS

James M Griffin
PROFESSOR AND BOB BULLOCK CHAIR IN PUBLIC POLICY AND FINANCE, TEXAS A & M UNIVERSITY

Harold G Hamm
CHIEF ECONOMIST AND CHIEF EXECUTIVE OFFICER, CONTINENTAL RESOURCES INC.

RECEPTION: THE SUMMIT
TUESDAY 6:30 pm - 8:30 pm

Address: 15 W 6th Street, in the Bank of America Center (about 3 blocks from the hotel)
Spectacular views for miles in every direction await you from The Summit’s perch on the 30th floor of the Bank of America Building. This reception is a short 10 minute walk from the Hyatt Regency. No bus transportation will be provided. Come mingle and network with conference delegates and enjoy the beautiful Tulsa skyline at the Summit!

STUDENT RECEPTION
TUESDAY 8:30 pm - 10:30 pm

Immediately following the Reception at the Summit come join fellow students for further drinks and networking opportunities. Meet in front of the Summit elevators at 8:30pm to walk together to one of Tulsa’s hottest nightspots!
their impact on the electricity system as a whole. An expert panel will convene to discuss these demand-side considerations for individual households and users as well as increased efforts to understand consumer behavior.

In the past, discussions of the electricity sector have been mainly focused on supply-side issues. However, in recent years demand-side considerations have become increasingly important. With advances in technology, policy developments, and increased efforts to understand consumer behavior, the time is ripe to investigate the ‘other side of the meter’.

Recent political developments in Canada and Mexico may impact energy markets and North America energy trade. The new left-of-center government in Alberta has been taking a very different view of the oil sands operations in that Province, while the new Canadian Federal government is also intending to change policies toward the energy sector. Meanwhile, Mexico has begun to implement significant new policies affecting the Pemex monopoly on oil and gas development, while it has also embarked on a radical restructuring of its electricity industry. How might these developments affect North American energy markets and trade in oil, natural gas and electricity? How might developments in energy markets in turn influence political developments in both countries longer term?

Peter R Hartley (Presiding)
PROFESSOR AND BAKER INSTITUTE SCHOLAR, RICE UNIVERSITY
Andre Pieurde
DEAN FACULTY OF PUBLIC AFFAIRS, CARLETON UNIVERSITY
Juan Rosellon
PROFESSOR, CENACE (MEXICAN ISO)
Speaker TBA

DUAL PLENARY SESSION:
Across the Borders - Updates from Canada and Mexico
8:30 am - 10:00 am ■ Tulsa Ballroom South
Recent political developments in Canada and Mexico may impact energy markets and North America energy trade. The new left-of-center government in Alberta has been taking a very different view of the oil sands operations in that Province, while the new Canadian Federal government is also intending to change policies toward the energy sector. Meanwhile, Mexico has begun to implement significant new policies affecting the Pemex monopoly on oil and gas development, while it has also embarked on a radical restructuring of its electricity industry. How might these developments affect North American energy markets and trade in oil, natural gas and electricity? How might developments in energy markets in turn influence political developments in both countries longer term?

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Juan Rosellon
PROFESSOR, CENACE (MEXICAN ISO)
Speaker TBA

DUAL PLENARY SESSION:
On the Other Side of the Meter - Demand Side Issues
8:30 am - 10:00 am ■ Tulsa Ballroom Central
In the past, discussions of the electricity sector have been mainly focused on supply-side issues. However, in recent years demand-side considerations have become increasingly important. With advances in technology, policy developments, and increased efforts to understand consumer behavior, the time is ripe to investigate the ‘other side of the meter’. An expert panel will convene to discuss these demand-side considerations for individual households and users as well as their impact on the electricity system as a whole.

Melanie Craxton (Presiding)
PHD CANDIDATE, STANFORD UNIVERSITY
Seth Blumsack
ASSOCIATE PROFESSOR, PENN STATE UNIVERSITY
Jeff Brown
ENERGY EFFICIENCY & CONSUMER PROGRAMS MANAGER, PUBLIC SERVICE COMPANY OF OKLAHOMA
James L Sweeney
DIRECTOR OF THE PRECOURT ENERGY EFFICIENCY CENTER, PROFESSOR, STANFORD UNIVERSITY

The Real Costs of U.S. Strategic Petroleum Reserves
Carol A Dahl
COLORADO SCHOOL OF MINES
Jennifer I Considine
UNIVERSITY OF DUNDEE

Energy Realities and U.S. Energy Policy
Betty Simkins
OKLAHOMA STATE UNIVERSITY

Effects of the North American Oil & Gas Development on the Nigerian Economy
Chinyere R Ikedi
Ayoooluwa O Adewole
CENTRE FOR PETROLEUM ENERGY ECONOMICS AND LAW (CPEEL)

DISCUSSANT
Shree Vikas
DIRECTOR, MARKET INTELLIGENCE & BUSINESS ANALYSIS

26. Effects of Incentives and Taxes in the Transportation Industry: A Global Perspective
8:30 am - 10:00 am ■ Tulsa Ballroom North
In the past, discussions of the electricity sector have been mainly focused on supply-side issues. However, in recent years demand-side considerations have become increasingly important. With advances in technology, policy developments, and increased efforts to understand consumer behavior, the time is ripe to investigate the ‘other side of the meter’. An expert panel will convene to discuss these demand-side considerations for individual households and users as well as their impact on the electricity system as a whole.

Melanie Craxton (Presiding)
PHD CANDIDATE, STANFORD UNIVERSITY
Seth Blumsack
ASSOCIATE PROFESSOR, PENN STATE UNIVERSITY
Jeff Brown
ENERGY EFFICIENCY & CONSUMER PROGRAMS MANAGER, PUBLIC SERVICE COMPANY OF OKLAHOMA
James L Sweeney
DIRECTOR OF THE PRECOURT ENERGY EFFICIENCY CENTER, PROFESSOR, STANFORD UNIVERSITY

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DISCUSSANT
Shree Vikas
DIRECTOR, MARKET INTELLIGENCE & BUSINESS ANALYSIS

26. Effects of Incentives and Taxes in the Transportation Industry: A Global Perspective
8:30 am - 10:00 am ■ Tulsa Ballroom North
James L. Smith (Presiding)
PROFESSOR OF FINANCE, SOUTHERN METHODIST UNIVERSITY

Investigating the Effects of Incentives on the Adoption of Electric Vehicles
Alan Jenn
UNIVERSITY OF CALIFORNIA, DAVIS
Anand Gopal
LAWRENCE BERKELEY NATIONAL LABORATORY
Katalin Springel
Gordon Bauer
UNIVERSITY OF CALIFORNIA, BERKELEY

Modeling Supply and Demand in the Chinese Automobile Industry
Yuan Chen
UC DAVIS, INSTITUTE OF TRANSPORTATION STUDIES

Heterogeneous Responses and Differentiated Taxes
Jon Z He
UNIVERSITY OF MARYLAND

DISCUSSANT
Michael Canes
DISTINGUISHED FELLOW, LOGISTICS MANAGEMENT INSTITUTE
27. Challenges and Implications in Carbon Mitigation
- Promenade Ballroom A
Mark Agerton (Presiding)
STUDENT, RICE UNIVERSITY

Role of Natural Gas in U.S. Carbon Mitigation when Future Expectations are Considered
Bryan K Migneone
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
Frances Wood
Sharon Showalter
ONLOCATION, INC.

28. Current Issues in Global Electricity Markets
- Diplomat Room
Seth Blumsack (Presiding)
ASSOCIATE PROFESSOR, PENN STATE UNIVERSITY

The Effect of Falling Oil Prices on South Korean Imported LNG price for Power Generation
Jikhan Jeong
RESEARCHER, ECONOMY AND MANAGEMENT RESEARCH INSTITUTE AT KOREA ELECTRIC POWER CORPORATION

Regime Shifts in Electricity Price Volatility in USA and EU
Erlendur Jonsson
Roy Endre Dahl
UNIVERSITY OF STAVANGER

The Electricity System Emissions Resulting from Joint Deployment of Energy Storage and Wind/Solar
Eric Hittinger
ROCHESTER INSTITUTE OF TECHNOLOGY
Ines Azavedo
CARNegie MELLON UNIVERSITY

In general, waste water from production activities can be treated and recycled, treated and released, temporarily stored in retention pits, or disposed of in deep injection wells. In the case of disposal in deep injection wells there is growing concern that waste water injection can trigger earthquakes, or induce seismic activity. This workshop will explore the technical elements of deep injection disposal wells and induced seismicity, then raise the policy issues and technical solutions that accompany expanded waste water disposal activities.

Separate registration required.

WORKSHOP:
Global Energy Risk Management: Turning Risk into a Competitive Opportunity
1:45pm - 6:00pm ■ Promenade Ballroom B
Glenn Labhart (Presiding)
CHAIRMAN OF ENERGY OVERSIGHT COMMITTEE OF THE GARP ERP PROGRAM & SENIOR PARTNER LABHART RISK ADVISORS
Joe Byers
MANAGING DIRECTOR OF RISK MANAGEMENT, DIRECT ENERGY
Bob Broxson
MANAGING DIRECTOR, BDO CONSULTING

Energy risk management requires focus on the complexities associated with asset transformation, storage, processing, treatment and transportation of energy commodities to develop sound risk management strategies. This session will communicate from lectures and case studies to gain an understanding of:
- The basics of energy risk management.
- Fostering a mindset of real option valuation to address risk and value added strategies.
- Hedging strategies to add extrinsic value to a company's asset structure.
- Developing leadership skills of managing assets and value added strategies.

Separate registration required.
CUSHING TOUR: ENBRIDGE CUSHING TERMINAL, PETRO WARRIOR, AND UNIVERSITY OF TULSA NORTH CAMPUS

7:30 am - 5:00 pm ■ Meet in front of hotel to board the coach at the hotel’s 2nd Street entrance

Sponsored By:
American Petroleum Institute

This tour will visit crude oil tank farm storage and pipeline handling facilities in Cushing, OK; the pricing point for the NYMEX crude oil futures contract. It will also visit an operating lease site, and University of Tulsa oil and gas production research facilities. These will give a first-hand overview of cutting edge research into production performance, an actual producing lease, and the handling and storage of crude oil.

NOTES
Meal tickets are only valid for conference provided meal functions. Meal tickets are not transferrable to general hotel restaurants or bars.
USAEE SUSTAINING MEMBERS

Advanced Resources International
American Petroleum Institute
Aramco Services Co.
Center for Energy Studies, Louisiana State University
Chevron Corporation
ConocoPhillips, Inc.
ExxonMobil Corporation
Institute of Transportation Studies, University of California, Davis
John and Willie Leone Family Department of Energy and Mineral Engineering, Pennsylvania State University
KAPSARC
National Renewable Energy Laboratory
NGP Energy Capital Management
Resource Management, West Virginia University
Rice University, Baker Institute
Shell Oil Products US
Toyota Motor North America, USA
University of Tulsa

USAEE/IAEE’S NORTH AMERICAN CONFERENCE REMAINS GREEN!

In an effort to minimize the environmental impact of our meeting by increasing the use of recycled materials where possible and reducing the amount of solid waste, our conference has implemented the following measures to help reduce our carbon imprint with this meeting.

Look for these changes at our conference:

- No fabricated conference registration bag/satchel produced.
- Less conference generated print material (promotional materials placed on publication display tables rather than provided to all delegates in registration bags).
- Use of china, glass, silverware, and biodegradable/recyclable plates, cups, etc. during meal functions and breaks.
- Recyclable plastic badge holders and lanyards.

IAEE INSTITUTIONAL MEMBERS

Administración del Mercado Eléctrico, Uruguay
Aramco Services Co., USA
Berlin University of Technology, Germany
BP Plc., UK
Carleton University, Faculty of Public Affairs, Canada
ConocoPhillips, USA
Energy Information Administration, USA
Energy Research Institute, Russia
ESCP Europe Business School, UK
Institut Francais Du Petrole, France
Institute of Transportation Studies, University of California, USA
Institute of Energy Economics, Japan
Institute of Nuclear Energy Research, Taiwan
King Abdullah Petroleum Studies & Research Center, Saudi Arabia
Korea Electric Power Corporation, South Korea
National Energy Board, Alberta, Canada
Norwegian School of Economics and Business Administration, Norway
Plinovodi d.o.o., Slovenia
Rice University, Baker Institute, USA
Shell International, Ltd., Netherlands
The Energy Studies Institute, National University of Singapore, Singapore
University of Alberta, Canada
University of Auckland, New Zealand
University of Stavanger, Norway
University of Western Australia, Australia
UTE, Uruguay

Future IAEE Events

April 3-5, 2017
Rio de Janeiro, Brazil
6th ELAEE Conference
New Energy Landscape: Challenges for Latin America

April 23-25, 2017
Abuja, Nigeria
10th NAEE/IAEE International Conference
Theme to be Announced

June 18-21, 2017
Singapore
40th IAEE International Conference
Meeting the Energy Demands of Emerging Economic Powers: Implications for Energy And Environmental Markets

September 3-6, 2017
Vienna, Austria
15th IAEE European Conference
Heading Towards Sustainability Energy Systems: by Evolution or Revolution?

November 12-16, 2017
Houston, TX, USA
35th USAEE/IAEE North American Conference
Riding the Energy Cycles

June 10-13, 2018
Groningen, The Netherlands
41st IAEE International Conference

May 26-29, 2019
Montreal, Canada
42nd IAEE International Conference
Local Energy, Global Markets

August 25-28, 2019
Ljubljana, Slovenia
16th IAEE European Conference
Energy Challenges for the Next Decade: The Way Ahead Towards a Competitive, Secure and Sustainable Energy System
Do you wonder how you, your work, or your agency/company/organization might be affected?

Beginning with the Tulsa conference, the USAEE will include a program track designed to add additional value for government employees and others who are affected by government actions. This year, after an opening plenary session that addresses energy-related views of the two major parties, the Government Track will dive into the transition process and implications for those most affected during the initial period after a new administration takes office. What will or might happen, and how can those affected constructively respond to minimize foreseen and unforeseen problems?

The prolonged period without clear direction and/or agency contacts who can speak with authority can affect those coming into office, those already on staff, and third parties as well. During Presidential (and other government) transitions,

• there can be long periods during which the new administration has only the top appointees in place,
• most caretaker managers “acting” in other positions postpone important decisions until receiving clear guidance,
• the best points of contact might be unidentified or unclear,
• agency employees and stakeholders often wonder how they should proceed.

In each of the three Inaugural Government Track sessions, current and former high-level officials will address transitions from a different vantage point, that of

• the political party (or individual during an Administration) coming into power or a position;
• the acting incumbent and his/her staff and reporting offices; and
• the stakeholders affected by the first two.

Panelists will offer lessons/suggestions as to how attendees can make the process of transition more effective and efficient.

Do you have lessons to share from your experience with political transitions that might benefit others in the audience? Do you have questions about the challenges you or your organization might face?

Come share in the extended discussion periods following each session!

**SESSION 1: TRANSITION FROM THE POINT OF VIEW OF THE INCOMING POLITICAL PARTY**

*Monday, October 24, from 11:00 a.m. to 12:45 p.m.*

This session lays the groundwork for all three, starting with a brief explanation of the mechanics of the Presidential transition process, including what happens and over what timelines, legal guidelines, and recent changes designed to make the process smoother.

Among the topics to be addressed:

• How political appointees view career staff.
• Expectations career staff have of political appointees.
• Timing expectations of political appointees — how long before things are working the way they want.
• How political appointees want to be treated by career staff.
• Political appointee views regarding how work gets accomplished and how realistic their views of the Executive Branch were.
• How political/career relationships get built. What makes them successful? What causes them to fail?

**SPEAKERS**

**Presider:** Abe Haspel, former Assistant Deputy Secretary, Department of the Interior; Deputy Assistant Secretary, Department of Energy (Currently, President, Cogent Analysis Group, LLC)

- Brian Waidmann, former Chief of Staff to two Cabinet Secretaries (Interior); Senior Advisor, (George W.) Bush Administration transition team (Currently Chief of Staff, American Council of Life Insurers)
- Elgie Holstein, former member of Obama transition team; Chief of Staff, Department of Energy (Currently, Senior Director for Strategic Planning, Environmental Defense Fund)
- Ross Swimmer, former Principal Chief, Cherokee Nation; Assistant Secretary and Special Trustee for American Indians, Department of the Interior (Currently, Partner, Native American Fund Advisors, LLC)

**SESSION 2: TRANSITION FROM THE POINT OF VIEW OF AGENCY PERSONNEL**

*Monday, October 24, from 4:30-6:15 p.m.*

Among the topics to be addressed:

• How career staff view political appointees.
• What career staff think political appointees want and expect of them.
• What career employees view as their roles and responsibilities in a transition via a vis political appointees.
• How interactions between career staff and political appointees occur.
• How political/career relationships get built.
• What is going on with senior career people from the point of view of less senior career people.
• What senior career people expect of less senior career people.
• The stress that sometimes accompanies a transition.
• How the top “acting” officials are determined, and how agency work can continue smoothly for the sometimes long periods when the temporary caretakers do not feel comfortable making major decisions without administration guidance.

**SPEAKERS**

**Presider:** Abe Haspel, former Assistant Deputy Secretary, Department of the Interior; Deputy Assistant Secretary, Department of Energy (Currently, President, Cogent Analysis Group, LLC)

- Howard Grunenspecht, Deputy Administrator, U.S. Energy Information Administration, former Deputy Assistant Secretary and Director in Office of Policy, Department of Energy
- Jane Lyder, former Deputy Assistant Secretary and Legislative Counsel, Department of the Interior
- Tom Russo, more than 30 years as Manager and Sr Energy Industry Analyst, Federal Energy Regulatory Commission (Currently, President, Russo on Energy LLC)

**SESSION 3: TRANSITION FROM THE POINT OF VIEW OF OUTSIDE STAKEHOLDERS**

*Tuesday, October 25, 8:30-10:15 a.m.*

Among the topics to be addressed:

• What does/doesn’t happen during a transition from the stakeholder’s point of view—are there especially important aspects of transitions that stakeholders might want to pay attention to or prepare for?
• What stakeholders need most from career/political staff during the transition process.
• How one can interact with career staff during a transition.
• What career staff should do when dealing with stakeholders during a transition.
• What one’s expectations should be during a transition.

**SPEAKERS**

**Presider:** Arnold Baker, former Chief Economist, Sandia National Laboratories; Director of Political Economic Analysis and other Management Positions, Atlantic Richfield Company (Currently, principal of ABB Consulting)

- Mary Lashley Barcella, Director, North American Natural Gas, IHS Markit
- John Jimison, former Senior Counsel, Energy and Commerce Committee, House of Representatives (Currently, Managing Director of the Energy Future Coalition)
- John Felmy, Chief Economist (Retired), American Petroleum Institute (Currently, Midnight Energy Economics)

We are delighted to have Stephen St. Marie, California PUC Advisor on Policy and Planning, serve as Rapporteur for the Government Track and each of its three panels, providing written panel summaries and an overall integration of advice and recommendations for future reference and for the benefit of those who cannot attend one or more sessions.