

SUNDAY, NOVEMBER 4

Tour Lady Bird Lake Trail Hiking

8:30am - 10:30am This tour is hiking alongside Lady Bird Lake which is one of the most popular places for scenic hiking and biking. The group will leave Sheraton Lobby at 8:30am and will return around 10:30am. This tour will require about 4 miles of walking; comfortable walking shoes are recommended. A few members of the Central Texas Association for Energy Economics Chapter will be your tour guides.

[Click here](#) for more details.

USAEE Council Meeting

8:30am - 12:00n • Creekside I Room

USAEE Council Lunch (By Invitation)

12:00 - 1:00pm • Creekside II Room

Sponsored By: [Texas Gas Service](#)

Registration

12:00 - 7:00pm • Outside Bickler Room

Tour Pecan Street's Pike Power Commercialization Lab & Smart Grid Demonstration Project at Mueller Community

1:00pm - 3:30pm In this tour we will visit the Lab's Commercialization and Education Center where home and office equipment will be showcased. The Lab also offers testing capabilities to support a wide range of consumer solutions testing scenarios. Furthermore, we will visit the Testing Center where we can observe battery, fuel cell, automotive, and metering technologies.

[Click here](#) for more details.

Opening Reception/Networking Dinner/Student Happy Hour

4:15pm - 8:30pm • Oasis Restaurant Arrive early in Austin and join us to watch the sunset over beautiful Lake Travis. The Opening Reception, Networking Dinners and Student Happy Hour will all take place at the Oasis Restaurant: a venue and an event you don't want to miss.

[Click here](#) for more details.

MONDAY, NOVEMBER 5

Registration

7:00am - 7:00pm • Outside Bickler Room

2012 USAEE Conference Program

Continental Breakfast

7:30am - 8:30am • Capitol Ballroom Foyer

Sponsored By: [ConocoPhillips](#)

Student Breakfast Meeting

7:30am - 8:30am • Creekside I & II Room

Sponsored By: [Chevron](#)

Presider's Huddle

8:10am - 8:25am • Capitol Ballroom E

Welcome and Introduction

8:30am - 9:00am • Capitol Ballroom A-D

Opening Plenary Session: Putting the "Sustainable" in Sustainable Energy Future

9:00am - 10:30am • Capitol Ballroom A-D

[Peter R. Hartley](#) (Presiding)

Professor & Baker Institute Fellow, Rice University

[Evan Hillebrand](#)

Professor Patterson School of Diplomacy, University of Kentucky

[Jaime Williams](#)

President - Energy Commission, Private Sector Coordination Council (CCE)

[Rachid Bencherif](#)

Senior Policy Analyst and Head of the Grants Unit, OPEC Fund for International Development

[Karen Palmer](#)

Research Director and Senior Fellow, Resources for the Future

This session will feature a roundtable discussion introducing many of the issues that will be addressed in more detail throughout the conference. Some of the questions panelists will discuss include whether "sustainability"

should be seen as as an objective -- something to be pursued in its own right -- or as a constraint or set of constraints on how far we attempt to pursue some other objectives.

Does energy sustainability refer to affordability, amelioration of energy poverty, environmental acceptability, extent of energy security, political feasibility, social acceptability or all or only some of the above? More generally, what are some of the key trade-offs in energy policy both domestically and internationally, and how should we choose between them?

Coffee Break

10:30am - 11:00am • Capitol Ballroom Foyer

[Concurrent Sessions 1 - 9](#)

11:00am - 12:30pm

Awards Luncheon

12:30pm - 2:30pm • Capitol Ballroom E-H

Sponsored By: [AOL Energy](#)

Ambassador Edward P. Djerejian (Keynote Speaker)

Founding Director, James A. Baker III Institute for Public Policy at Rice University

"The Arab Awakening and Implications for United States Policy"

IAEE Outstanding Contributions to the Profession Award presented to Daniel Yergin

Dual Plenary Session: Future Outlook for Oil & Gas Production

2:30pm - 4:00pm • Capitol Ballroom A-C

Marianne S. Kah (Presiding)

Chief Economist, ConocoPhillips

Mark Finley

GM Global Energy Markets, BP

R. Dean Foreman

Chief Economist, Talisman Energy

Todd Onderdonk

Senior Energy Advisor, Corporate Strategic Planning, ExxonMobil Corporation

Topics addressed will include long range oil and natural gas supply outlooks, the ranges of uncertainty around energy projections and the potential for unconventional oil and gas resources and their impact on global market balances.

Dual Plenary Session: Electricity Market Design

2:30pm - 4:00pm • Capitol Ballroom D

Pat Wood III (Presiding)

Principal, Wood3 Resources

Lars Bergman

President and Professor, Stockholm School of Economics

Ross Baldick

Professor, University of Texas at Austin

William W. Hogan

Professor Kennedy School of Government, Harvard University

This dual plenary session will discuss and debate the highlights and lowlights in the deployment of clean energy in power markets around the world with a particular focus on market design.

Coffee Break

4:00pm 4:30pm • Capitol Ballroom Foyer

2012 USAEE Conference Program

[Concurrent Sessions 10 - 18](#)

4:30pm - 6:00pm

USAEE Chapter Leadership Meeting

5:00pm - 6:00pm • Outside Bickler Room

Special Plenary Session: Quest - The Future of Energy

6:00pm - 6:30pm • Capitol Ballroom D

[Peter R. Hartley](#) (Presiding)

Professor & Baker Institute Fellow, Rice University

[Daniel Yergin](#) (Keynote Speaker)

Vice Chairman of IHS and Founder, IHS Cambridge Energy Research Associates

Student Poster Session and Networking Reception

6:30pm - 8:00pm • Capitol Ballroom E-H

TUESDAY, NOVEMBER 6

Registration

7:00am - 6:30pm • Outside Bickler Room

2013 Anchorage NA Conference Planning Meeting

7:30am - 8:30am • Capitol Ballroom F-G

Continental Breakfast

7:30am - 8:30am • Capitol Ballroom Foyer

President's Huddle

8:10am - 8:25am • Capitol Ballroom E

[Concurrent Sessions 19 - 27](#)

8:30am - 10:00am

Coffee Break

10:00am - 10:30am • Capitol Ballroom Foyer

Dual Plenary Session: Implications of North American Natural Gas Development

10:30am - 12:00n • Capitol Ballroom A-C

[Benjamin Schlesinger](#) (Presiding)

President, Benjamin Schlesinger & Assoc LLC

Robert D. Stibolt

Managing Director, Galway Group LP

Ariel Cohen

Senior Research Fellow for Russian and Eurasian Studies and International Policy,
Davis Institute for International Studies

Hi-chun Park

Professor, Inha University

This session will focus on the broad set of implications of rapidly expanding production of natural gas in North America. This continent's turn from anticipated LNG importer to likely large-scale exporter has already begun to change the world gas scene, with domestic and global economic and policy consequences. Starting from an integrated economic perspective, the panel will review ways that ramped up gas competition will influence energy, economic and trade throughout European, Central Asian, Middle Eastern and Asia Pacific gas markets.

Dual Plenary Session: The Future of Electric Markets: New Directions in Sustainable Energy Development

10:30am - 12:00n • Capitol Ballroom D

Karl R. Rabago (Presiding)

President, Rabago Energy LLC

Cris Eugster

Executive VP and Chief Sustainability Officer, CPS Energy

Brewster McCracken

Executive Director, Pecan Street Inc.

Roger Duncan

General Manager (Retired), Austin Energy

Richard Morgan

Green Building Manager, Austin Energy

Rebecca A. Klein

Principal, Klein Energy LLC

H.B. "Trip" Doggett

President & Chief Executive Officer, ERCOT

Markets can be the most efficient and effective way to accomplish a broad range of society's goals. Perhaps the most important challenge society will ever face is whether markets can effectively deliver sustainable energy development. To address this broad question, one must have experience, vision, and a willingness to innovate and learn. The panelists all meet these requirements and will share their ideas and wisdom on electric markets and products development.

Awards Luncheon

12:00n - 1:45pm • Capitol Ballroom E-H

Sponsored By: [IHS CERA](#) USAEE Adelman Frankel Award presented to Robert Pindyck

USAEE Senior Fellow Awards presented to Richard Gordon, Benjamin Schlesinger and Chi-Keung Woo

[Concurrent Sessions 28 - 36](#)

1:45pm - 3:30pm

Coffee Break

3:30pm - 4:00pm • Capitol Ballroom Foyer

Dual Plenary Session: North American Oil & Gas Infrastructure

4:00pm - 5:30pm • Capitol Ballroom A-C

[Ariana McKnire](#) (Presiding)

Natural Gas & NGL Advisor, Enbridge

[Michael M. McCall](#)

President & CEO, Ranger Midstream

[Perry Schuldhous](#)

VP Regional Pipeline Development, Enbridge

[David Darcey](#)

VP CSD Strategy & Development, Williams

This session will focus primarily on the opportunities and challenges associated with moving crude, NGLs and natural gas from the major producing regions, specifically the shale plays, to the Gulf Coast and other major demand centers as well as storing them.

Dual Plenary Session: Unleashing the Potential of the Smart Grid: Energy Efficiency and Consumer Choice

4:00pm - 5:30pm • Capitol Ballroom D

[Nat Treadway](#) (Presiding)

Managing Partner, DEFG

[John W. Jimison](#)

Managing Director, Energy Future Coalition

[Fereidoon "Perry" Sioshansi](#)

President, Menlo Energy Economics

[Scott Hinson](#)

Leader, Pecan Street Home Research Lab, Pecan Street Inc.

Consumers are demanding a greater variety of choices to control their bills and get access to bill payment options. Smart grid investments open opportunities for competition on the customers' premises. Advanced meters enable sophisticated pricing, prepaid energy (with daily usage texts), and advanced analytics. Choice will result in a better matching of individual preferences with resource supply. However, managing individual choice is a challenge for utilities. Three EE experts discuss approaches that have been successful.

2012 USAEE Conference Program

USAEE General Membership Meeting
5:30pm - 6:00pm • Capitol View Terrace South

Networking Reception
6:00pm - 7:00pm • Creekside I & II Room

Movie - SWITCH
7:00pm - 9:00pm • Capitol Ballroom D What is the future of energy? Join Dr. Scott Tinker on a spectacular global journey to discover a balanced path to our energy future. [SWITCH](#) is the first truly balanced energy film, embraced and supported by people all along the energy spectrum - fossil and renewable, academic and environmental.

WEDNESDAY, NOVEMBER 7

Registration
7:00am - 1:00pm • Outside Bickler Room

Breakfast With EIA Administrator
7:30am - 8:30am • Capitol Ballroom E
Sponsored By: [BP p.l.c.](#)

[Michael E. Canes](#) (Presiding)
Distinguished Fellow, Logistics Management Institute
[Adam E. Sieminski](#) (Keynote Speaker)
Administrator, Energy Information Administration
"Sustainability of U.S. Energy Production: Outlook and Implications"

Prague Planning Meeting
7:30am - 8:30am • Capitol Ballroom F-G

Presider's Huddle
8:10am - 8:25am • Capitol Ballroom H

[Concurrent Sessions 37 - 45](#)
8:30am - 10:00am

Coffee Break
10:00am - 10:30am • Capitol Ballroom Foyer

Closing Plenary Session: Where Do We Go From Here? 2013 and Beyond
10:30am - 12:00n • Capitol Ballroom D

Raymond L. Orbach (Presiding)

Director, Energy Institute, University of Texas at Austin

James D. Marston

VP of Energy Program, Director of Texas Regional Office, Environmental Defense Fund

Douglas J. Suttles

Former COO, BP

Scott Tinker

Director, Bureau of Economic Geology, The University of Texas at Austin

Given the competing forces of demand, supply, and constraints, what does the future hold for global energy security? The Panelists will incorporate the content of the USAEE/IAEE North American Conference sessions into their perspectives for the coming years and beyond. As a group, they represent a diverse combination of corporate management, academic research, and environmental experience. They will focus on the intersection of available resources, population growth, economic development, and environmental conditions for future global energy sustainability.

Workshop: Unconventional Gas and Oil

12:15pm - 4:30pm • Creekside I & II Room

Sponsored By: [American Petroleum Institute](#)

Scott Tinker (Presiding)

Director, Bureau of Economic Geology, The University of Texas at Austin

Eric Potter

Associate Director, Bureau of Economic Geology, The University of Texas at Austin

Tad Patzek

Department of Petroleum and Geosystems Engineering, The University of Texas at Austin

Robert Kleinberg

Unconventional Resources, Schlumberger-Doll Research

Kenneth B. Medlock III

Senior Director, Center for Energy Studies, Baker Institute, Rice University

Svetlana Ikonnikova

Research Associate, Bureau of Economic Geology, The University of Texas at Austin

Gurcan Gulen

Senior Energy Economist, Bureau of Economic Geology, The University of Texas at Austin

Surya Rajan

Director, IHS CERA

2012 USAEE Conference Program

The goal of the workshop is to inform engineers and energy economists, policy makers, legal practitioners, regulators and energy market analysts of some of the technical issues surrounding the development of unconventional oil and gas resources.