

## 2013 USAEE Conference Program

### SUNDAY, JULY 28

#### Registration

12:00n - 7:00pm • Outside Whitby Room - Lower Lobby

#### USAEE Council Lunch (By Invitation)

12:00n - 1:00pm • Club Room II - Tower 1, 10th Floor

Sponsored By: [Northern Economics](#)

#### USAEE Council Meeting

1:00pm - 4:30pm • Quarter Deck - Tower 1, 10th Floor

#### Opening Reception

6:00pm - 7:30pm • Quarter Deck - Tower 1, 10th Floor

#### Networking Dinners

7:30pm - 9:30pm Cost not included in conference registration; sign up during Opening Reception.

### MONDAY, JULY 29

#### Registration

7:00am - 7:00pm • Outside Whitby Room - Lower Lobby

#### Continental Breakfast

7:30am - 8:30am • Fore Deck Room

Sponsored By: [ConocoPhillips](#)

#### Student Breakfast Meeting

7:30am - 8:30am • Quarter Deck - Tower 1, 10th Floor

Sponsored By: [Chevron](#)

#### Presider's Huddle

8:10am - 8:25am • Easter Island Room - Lower Lobby

#### Welcome and Introduction

8:30am - 9:00am • Mid Deck Room

#### Senator Murkowski

[Watch Video](#)

## 2013 USAEE Conference Program

Opening Plenary Session: Energy Development in the Arctic  
9:00am - 10:30am • Mid Deck Room

[Benjamin Schlesinger](#)

President, Benjamin Schlesinger & Assoc LLC

[Fran Ulmer](#)

Chair, U.S. Arctic Research Commission

[Admiral Tom Barrett, USCG \(ret.\)](#)

President, Alyeska Pipeline Service Company

[Roland R. George](#)

Board Member, National Energy Board

This session focuses on the geopolitical aspects of Arctic energy development. Important issues include potential energy resources of the Arctic Offshore, competing claims to the Outer Continental Shelf, the Law of the Sea Treaty and future U.S. participation, onshore transportation, the risks of oil spills and other pollution, and international cooperation in dealing with issues and events.

Coffee Break

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

Sponsored By: [Northrim Bank](#)

[Concurrent Sessions 1 - 7](#)

11:00am - 12:45pm

Awards Lunch

12:45pm - 2:30pm • Fore Deck Room and Whales Tail Restaurant

[John R. 'Jack' Roderick](#) (Keynote Speaker)

Author, *Crude Dreams: A Personal History of Oil and Politics in Alaska*

*"A Short History of the Development of the Oil Industry in Alaska"*

USAEE Adelman Frankel Award presented to: Rice University's Baker Institute Center for Energy Studies

[Video \(part 1/2\)](#)

[Video \(part 2/2\)](#)

Dual Plenary Session: Natural Gas Markets

2:30pm - 4:00pm • Mid Deck Room

[Nick Szymoniak](#) (Presiding)

Project Economist, Alaska Energy Authority

[Larry Persily](#)

Federal Coordinator, Alaska Natural Gas Transportation Projects

**Surya Rajan**

Director, Upstream Research & Global Gas, IHS CERA

**Kenneth B. Medlock III**

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

Natural gas production and trade is fragmented into many regional markets that often have completely independent pricing. The largest markets are in North America, Europe, and the Asia Pacific region and each has widely different prices.

**Dual Plenary Session: Isolated / Dedicated Power Grids: Making Them Work**

2:30pm - 4:00pm • Aft Deck Room

**D. Douglas Johnson** (Presiding)

Director of Business Development, Ocean Renewable Power Company

**Steve Gilbert**

Senior Project Manager, Alaska Village Electric Cooperative (AVEC)

**Marc Mueller-Stoffels**

Lead Researcher for Wind-Diesel Applications Center and Hybrid Applications Testbed, Alaska Center for Energy and Power (ACEP)

**Brian Hirsch**

Senior Project Leader, Alaska Initiative, National Renewable Energy Laboratory (NREL)

**D. Douglas Johnson**

Director of Business Development, Ocean Renewable Power Company

Alaska is home to hundreds of isolated power grids, with unique electric supply and demand profiles creating difficult integration problems demanding new innovations and solutions. Similar isolated power grids exist throughout the world and much benefit would come from increased sharing of experiences.

**Coffee Break**

4:00pm - 4:30pm • Discovery Ballroom Foyer

**[Concurrent Sessions 8 - 14](#)**

4:30pm - 6:15pm

**USAEE Chapter Leadership Meeting**

5:15pm - 6:15pm • Club Room I - Tower 1, 10th Floor

**Poster Session and Networking Reception**

6:30pm - 8:00pm • Fore Deck Room

Sponsored By: [Anchorage Association for Energy Economics, USAEE and SPE International - Alaska Petroleum Section](#)

**Student Reception**

8:00pm - 10:00pm • [Snow Goose](#) Address:

## 2013 USAEE Conference Program

717 West 3rd Avenue  
Anchorage, AK

### TUESDAY, JULY 30

#### Registration

7:00am - 6:30pm • Outside Whitby Room - Lower Lobby

#### Energy Journal Board of Editors Meeting (BY INVITATION)

7:30am - 8:30am • Club Room I - Tower 1, 10th Floor

#### Continental Breakfast

7:30am - 8:30am • Fore Deck Room

#### Presider's Huddle

8:10am - 8:25am • Easter Island Room - Lower Lobby

#### [Concurrent Sessions 15 - 20](#)

8:30am - 10:15am

#### Coffee Break

10:15am - 10:45am • Discovery Ballroom Foyer

#### Dual Plenary Session: Unconventional Oil and Gas Development

10:45am - 12:15pm • Mid Deck Room

#### [Kenneth B. Medlock III](#)

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

#### [William Furlow](#)

Senior Manager Business Development and Planning, Society of Petroleum Engineers

#### [Billy W. Harris](#)

Sr. Petroleum Engineer, Wagner & Brown Ltd.

#### [Gurcan Gulen](#)

Senior Energy Economist, Center for Energy Economics, Bureau of Economic Geology, University of Texas

#### [Benjamin Schlesinger](#)

President, Benjamin Schlesinger & Assoc LLC

Unconventional resources - shale oil, shale gas, oil sands, etc. - have altered the international energy landscape in a relative short period of time.

#### Dual Plenary Session: Managing Resource Wealth

10:45am - 12:15pm • Aft Deck Room

## 2013 USAEE Conference Program

**Scott Goldsmith** (Presiding)

Professor Emeritus, Economics, UAA Institute of Social and Economic Research,  
University of Alaska Anchorage

**Rögnvaldur Hannesson**

Professor, Norwegian School of Economics

**Gregg Erickson**

Co-Founder and Editor-at-Large, Alaska Budget Report

**Melville McMillan**

Professor Emeritus and Fellow of the Institute of Public Economics, University of  
Alberta

The ways that governments manage resource revenues and distribute them among  
citizens can affect the size and structure of regional economies and change the  
distribution of income and wealth.

[Watch Video](#)

Awards Lunch

12:15pm - 2:00pm • Fore Deck Room and Whales Tail Restaurant

**Mark J. Finley** (Keynote Speaker)

General Manager, Global Energy Markets and U.S. Economics, BP

*"2013 BP Statistical Review of World Energy"*

Tribute to Tony Finizza

[Tribute Notes](#) - [Presentation](#)

USAEE Senior Fellow Awards presented to Arnold B. Baker, Mark Finley and Gurcan  
Gulen

[Concurrent Sessions 21 - 26](#)

2:00pm - 3:30pm

Coffee Break

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

Dual Plenary Session: Petroleum Fiscal Regimes

4:00pm - 5:30pm • Mid Deck Room

**Roger Marks** (Presiding)

Principial, Roger Marks & Associates

**Marianne Kah**

Chief Economist, ConocoPhillips

**Irena Agalliu**

Managing Director, IHS CERA

**Matthew Foss**

Associate Branch Head, Economics and Markets, Department of Energy, Government of Alberta

There are widely different goals and strategies between sovereign jurisdictions for collecting rents from petroleum production. And there are vastly different ways government take materializes, with variations in form and timing of take, and risk-sharing for price, geology, and costs.

**Dual Plenary Session: Industrial Energy Use and Efficiency**

4:00pm - 5:30pm • Aft Deck Room

**Leah Cuyno (Presiding)**

Senior Economist, Northern Economics Inc

**Skip A. Laitner**

Principal and Independent Consultant, Economic and Human Dimensions Research Associates

**Karen Matthias**

Managing Consultant, Council of Alaska Producers

**Jeff Rickert**

Deputy Director, AFL-CIO Working for America Institute

Industry plays a critical role in a region's energy system and economy. Industrial production remains the main engine of economic output in most regions. The industrial sector is also a large consumer of energy.

**USAEE General Membership Meeting**

5:30pm - 6:00pm • Mid Deck Room

**Reception: Alaska Native Heritage Center**

6:30pm - 9:30pm • ANHC Address: 8800 Heritage Center Drive, Anchorage, AK 99505

Light hors d'oeuvres and drinks served. Buses will begin loading at 6:00 pm at the hotel side entrance (I Street). Transportation will be provided to and from the Reception. There is plenty of parking at the ANHC should you wish to drive yourself. Note, you must bring your name badge as well as drink tickets with you to attend this event.

**WEDNESDAY, JULY 31**

**Registration**

7:00am - 2:00pm • Outside Whitby Room - Lower Lobby

**Continental Breakfast**

7:30am - 8:30am • Fore Deck Room

## 2013 USAEE Conference Program

2014 NYC International Conference Planning Meeting  
7:30am - 8:30am • Club Room II - Tower 1, 10th Floor

### Presider's Huddle

8:10am - 8:25am • Easter Island Room - Lower Lobby

Dual Plenary Session: Developments in Electricity Generation and Distribution  
8:30am - 10:00am • Mid Deck Room

[David Newbery](#) (Presiding)

President, IAEE and Director, EPRG, University of Cambridge

[G. Scott Samuelsen](#)

Professor, Advanced Power and Energy Program, University of California-Irvine

[Meera Kohler](#)

President and CEO, Alaska Village Electric Cooperative

[David Newbery](#)

President, IAEE and Director, EPRG, University of Cambridge

Smart grids and appliances, technical and financial integration of alternative energy sources into existing power grids. Technology and regulation for isolated electricity systems.

Dual Plenary Session: Arctic Transport: Technology and Opportunities  
8:30am - 10:00am • Aft Deck Room

[Douglas B. Reynolds](#) (Presiding)

Professor of Economics, University of Alaska Fairbanks

[Lawson Brigham](#)

Distinguished Professor of Geography and Arctic Policy, University of Alaska Fairbanks

[Alex Iyerusalimskiy](#)

Marine Engineering Lead, ConocoPhillips

[Patricia Cochran](#)

Executive Director, Alaska Native Science Commission

The melting sea ice in the Arctic Ocean increases the potential for marine transportation and resource development. Ice-breaking tankers, pipeline developments in the Arctic, and Arctic LNG.

### Coffee Break

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

[Concurrent Sessions 27 - 29](#)

10:30am - 12:00n

**Closing Plenary Session: The Interconnection Between Industry and Government**  
12:00n - 1:30pm • Mid Deck Room

**Shirley J. Neff** (Presiding)

Senior Advisor to the Administration, Energy Information Administration

**Branko Terzic**

Executive Director, Deloitte Center for Energy Solutions

**Ethan Schutt**

Senior Vice-President for Land and Energy, Cook Inlet Regional, Inc.

**Michael E. Canes**

Distinguished Fellow, Logistics Management Institute

Incentives, subsidies, regulation, publicly utility price regulation with limited buyers and sellers. Who should be responsible for infrastructure development to support resource projects?

**Workshop: Methane Hydrates**

1:45pm - 5:15pm • Fore Deck Room

Sponsored By: [Rice University's Baker Institute Center for Energy Studies](#)

**Christopher A. Smith** (Presiding)

Principal Deputy Assistant Secretary and Acting Assistant Secretary, Fossil Energy,  
U.S. Department of Energy

**Brian Anderson**

NETL-RUA Faculty Fellow and GE Plastics Professor in Chemical Engineering, Statler  
College of Engineering and Mineral Resources, West Virginia University

**Ray Boswell**

Technology Manager, Natural Gas Technology, U.S. Department of Energy

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