



# PACIFIC ENERGY SUMMIT

Forging Trans-Pacific Cooperation for a New Energy Era

FOUR SEASONS HOTEL • VANCOUVER, CANADA • APRIL 2-4, 2013

## AGENDA OVERVIEW - SUBJECT TO CHANGE

### Tuesday, April 2

---

- 14:00            **Registration Opens**  
PARK BALLROOM FOYER (Lobby Level)
- 15:00–17:00    **ADB's View on "Asia's Energy Challenge: Ensuring Energy Security in Asia and the Pacific"**  
LE PAVILLON (Lobby Level)
- 17:00            **Welcome Reception**  
SEASONS (Lobby Level)

### Wednesday, April 3

---

- 08:00            **Registration Opens**  
PARK BALLROOM FOYER (Lobby Level)
- 09:00–11:00    **SESSION ONE    Forging Trans-Pacific Cooperation for the New Energy Era**  
PARK BALLROOM A-B (Lobby Level)
- 11:30–13:00    **SESSION TWO    The Golden Age of Gas: How Far Can It Take Us?**  
PARK BALLROOM A-B (Lobby Level)
- 13:00–14:30    **LUNCH**  
LE PAVILLON (Lobby Level)
- 14:45–16:00    **ROUNDTABLE 1    Waste Not, Want Not: Securing Energy Supplies through Efficiency**  
PARK BALLROOM C (Lobby Level)
- ROUNDTABLE 2    Finding the Right Price: LNG Markets and the Asian Premium**  
ARBUTUS (Level 3)
- 16:15–17:45    **SESSION THREE    The North American Policy Environment and the Impact on Asia**  
PARK BALLROOM A-B (Lobby Level)
- 17:45–18:45    **Reception**  
SEASONS (Lobby Level)
- 19:00–21:00    **Dinner Discussion**  
PARK BALLROOM A-B (Lobby Level)

### Thursday, April 4

---

- 09:00–10:30    **SESSION FOUR    Infrastructure: Building the Energy Framework of the Future**  
PARK BALLROOM A-B (Lobby Level)
- 11:00–12:30    **SESSION FIVE    Finding Common Ground to Meet Energy and Environmental Goals**  
PARK BALLROOM A-B (Lobby Level)
- 12:30–13:00    **CLOSING REMARKS    Fast Forward to the Future**  
PARK BALLROOM A-B (Lobby Level)



# PACIFIC ENERGY SUMMIT

Forging Trans-Pacific Cooperation for a New Energy Era

FOUR SEASONS HOTEL • VANCOUVER, CANADA • APRIL 2-4, 2013

## Tuesday, April 2

---

14:00            **Registration Opens**

**PARK  
BALLROOM  
FOYER**  
Lobby Level

15:00–17:00    **DISCUSSION**

**LE PAVILLON**  
Lobby Level

**ADB's View on "Asia's Energy Challenge: Ensuring Energy Security in Asia and the Pacific"**

*Dress code  
for the Pacific  
Energy Summit  
is professional  
business attire  
or national  
dress.*

**Moderator:**            Dennis C. BLAIR  
*Board of Directors, The National Bureau of Asian Research*

**Remarks:**             S. CHANDER  
*Asian Development Bank*

**Respondents:**        Robert F. CEKUTA  
*Department of State, United States*

Dino Patti DJALAL  
*Embassy of The Republic of Indonesia in the United States*

Susannah PIERCE  
*Shell Canada*

17:00            **Welcome Reception**

**SEASONS**  
Lobby Level

08:00           **Registration Opens**

**PARK  
BALLROOM  
FOYER**  
Lobby Level

09:00–11:00   SESSION ONE

**PARK  
BALLROOM  
A-B**  
Lobby Level

Welcome:       Dennis C. BLAIR  
*Board of Directors, The National Bureau of Asian Research*

                  Kevin LYNCH  
*BMO Financial Group*

*Dress code  
for the Pacific  
Energy Summit  
is professional  
business attire  
or national  
dress.*

Remarks:       Ed FAST  
*Foreign Affairs and International Trade, Canada*

**Forging Trans-Pacific Cooperation for the New Energy Era**

World energy markets have undergone a seismic shift driven by Asia's rapidly rising energy demand; the increasing commercial viability of energy supplies such as shale gas, tight and heavy oil in North America, solar, and wind; and gains from energy efficiency. Yet despite new energy supplies and more efficient technologies, policymakers face significant challenges in continuing the trajectory of economic growth and poverty reduction while safeguarding the environment in the face of escalating impacts from climate change. Summit participants will explore these trends and set the stage for discussions of what role stronger Asia–North America energy and environmental cooperation could play in meeting the above challenges.

- Looking ahead to 2030, what energy and climate issues are of the greatest concern to regional policymakers and industry leaders? How can we avoid or mitigate future problems with action now?
- How could deepening energy and environmental ties between Asia and North America help address the challenge of balancing energy security, economic growth, and the environment?
- What steps can policymakers, industry leaders, and key stakeholders take to accelerate the development of more integrated energy trade and investment?

Moderator:     Mikkal HERBERG  
*The National Bureau of Asian Research*

Panelists:       William M. COLTON  
*ExxonMobil Corporation*

                  Serge DUPONT  
*Natural Resources, Canada*

                  Ken KOYAMA  
*The Institute of Energy Economics, Japan*

                  Carlos Jericho PETILLA  
*Department of Energy, Philippines*

11:00–11:30 **Coffee Break**

11:30–13:00 SESSION TWO

**PARK  
BALLROOM  
A-B**  
Lobby Level

***The Golden Age of Gas: How Far Can It Take Us?***

Increasing reserves of natural gas worldwide have helped diversify trade flows and are changing the perception in Asia of gas as a scarce and premium fuel source. The development of resources in Australia, North America, Russia, Papua New Guinea, Qatar, East Africa, and elsewhere, along with the potential for greater unconventional gas production in Asia, is dramatically affecting the outlook for gas. Yet significant questions remain about the future role of gas in Asia's energy mix, including pricing, infrastructure development, and environmental and social concerns in producing countries. How these issues are addressed will influence Asia–North America energy ties and the future role of gas in meeting Asia's rising energy demand and efforts to reduce carbon emissions.

Moderator: Peter HUGHES  
*Peter Hughes Energy Advisory Limited*

Panelists: Christopher ROBERGE  
*Deloitte*

Paul SIEGELE  
*Chevron Energy Technology Company*

WANG Zhen  
*China University of Petroleum at Beijing*

S.W. YUDHA  
*Commission VII (Energy, Mineral Resources, Environment, Research and Technology), House of Representatives, Indonesia*

**Wednesday, April 3**

---

13:00–14:30 LUNCH

**LE PAVILLON**

Lobby Level

Welcome: Yuen Pau WOO  
*Asia Pacific Foundation of Canada*

Remarks: David JACOBSON  
*Embassy of the United States, Canada*

***Integrating Energy and Environmental Policy to Achieve Economic Growth in the Asia-Pacific***

Moderator: Dennis C. BLAIR  
*Board of Directors, The National Bureau of Asian Research*

Panelists: S. CHANDER  
*Asian Development Bank*

Robert D. HORMATS  
*Department of State, United States*

14:45–16:00 ROUNDTABLES

PARK  
BALLROOM  
C  
Lobby Level

### Roundtable 1

#### ***Waste Not, Want Not: Securing Energy Supplies through Efficiency***

Energy supply is only half of what is needed to meet sharply rising energy demand in Asia. Energy efficiency remains a largely wasted resource. The International Energy Agency estimates that economically viable efficiency measures could halve the growth of demand by 2035, but that two-thirds of the economic potential to improve efficiency will remain untapped over this period. The urgency of meeting growing demand and safeguarding the environment makes improving energy efficiency essential to the future prosperity of the Asia-Pacific.

- How can we overcome hurdles to improving our efficiency record?
- What lessons can North America and Asia learn from each other in managing demand and increasing efficiency?
- What policies can support increased two-way investment between North America and Asia in energy-efficient technologies and transportation?

Moderator: Yongping ZHAI  
*Asian Development Bank*

Panelists: Elyse ALLAN  
*GE Canada*

Muhammad Enamul HUQ  
*Ministry of Power, Energy and Mineral Resources, Bangladesh*

PHAM Hoang Luong  
*Hanoi University of Science and Technology*

ARBUTUS  
Level 3

## Roundtable 2

### ***Finding the Right Price: LNG Markets and the Asian Premium***

Questions about the future use of oil-linked liquefied natural gas (LNG) contracts in Asia and the degree of convergence that may occur between regional gas markets are critical for investors and buyers alike. How this dynamic evolves will be an important factor in shaping future gas consumption and production. This session will explore how future LNG pricing might develop and the implications for the role of gas in the energy mix and energy trade between Asia and North America.

Moderator:     Shahriar FESHARAKI  
                    *FACTS Inc.*

Panelists:       Tilak DOSHI  
                    *Energy Studies Institute, National University of Singapore*

                    Shinichi KIHARA  
                    *Ministry of Economy, Trade, and Industry, Japan*

                    Tadashi MAEDA  
                    *Japan Bank for International Cooperation*

                    Anthony YUEN  
                    *Citi Research*

16:15–17:45      SESSION THREE

PARK  
BALLROOM  
A-B  
Lobby Level

***The North American Policy Environment and the Impact on Asia***

Canada and the United States are closely integrated along every facet of the energy spectrum. These ties will remain critically important, but the sharp shift in U.S. demand due to new oil and gas production has changed the energy outlook for both countries and led Canada to search for new partners, particularly in Asia. The potential for rising levels of investment from Asia in the energy sector, along with the potential for increased exports, has been the subject of policy debate in Canada and the United States. Foreign investors in energy in the United States and Canada must not only consider market dynamics but also navigate a complex policy environment in which federal and state or provincial policies often conflict. This session will provide a sounding board for how industry, policymakers, and experts view U.S. and Canadian energy policies, their impact on Asia–North America energy ties, and the future role of North America in world energy markets.

Introducer:      Charles W. BOUSTANY, Jr.  
*House of Representatives, United States*

Moderator:      Yuen Pau WOO  
*Asia Pacific Foundation of Canada*

Panelists:      Ken HUGHES  
*Alberta Energy*

                         OH Sung Hwan  
*Ministry of Foreign Affairs and Trade, South Korea*

                         James SLUTZ  
*Global Energy Strategies*



17:45–18:45     **Reception**

**SEASONS**

Lobby Level

19:00–21:00     DINNER AND DISCUSSION

**PARK  
BALLROOM  
A-B**

Lobby Level

*Dress code  
for the Gala  
Dinner is  
professional  
business attire  
or national  
dress.*

Welcome:     Richard ELLINGS  
*The National Bureau of Asian Research*

***A New World Order? The Geopolitical Impact of Asia's Rising Energy Demand and North America's Energy Renaissance***

Introducer:     Yuji TAKAGI  
*Sasakawa Peace Foundation*

Panelists:     Dennis C. BLAIR  
*Board of Directors, The National Bureau of Asian Research*

Kevin LYNCH  
*BMO Financial Group*

08:00           **Registration Opens**

**PARK  
BALLROOM**  
Foyer

09:00–10:30    **SESSION FOUR**

**PARK  
BALLROOM  
A-B**  
Lobby Level

***Infrastructure: Building the Energy Framework of the Future***

Energy infrastructure is expensive and technically complex and requires sizable market demand and years of reliable operation to become economically viable. Together, these needs place a premium on the availability of long-term financing, strategic planning, cost management, and reliable public-private partnerships. According to the International Energy Agency's 2011 World Energy Outlook, global energy supply infrastructure will require an investment of \$38 trillion between 2011 and 2035, with most of this investment taking place outside the OECD. In such a fiercely competitive environment for capital, Asia and North America must have markets with stable and transparent regulatory frameworks to attract the investment needed to bring energy resources to markets. This session will look at the necessary infrastructure for a fully functioning Pacific energy market, identifying potential bottlenecks that could significantly affect energy flows from North America to Asia and examining what policy frameworks will support the necessary large-scale investments.

*Dress code  
for the Pacific  
Energy Summit  
is professional  
business attire  
or national  
dress.*

- What factors must be in place to move forward with building the U.S.-Canadian West Coast pipeline and the LNG, rail, and port infrastructure necessary for increased energy exports to Asia?
- What infrastructure investments are needed in Asia to accommodate increased LNG imports?

Moderator:     Mark THURBER  
*Stanford University*

Panelists:      Douglas P. BLOOM  
*Spectra Energy*

Aaron ENGEN  
*BMO Capital Markets*

Nam-YII KIM  
*Korea Energy Economics Institute*

Tadashi MAEDA  
*Japan Bank for International Cooperation*

10:30–11:00    **Coffee Break**

11:00–12:30      SESSION FIVE

**PARK  
BALLROOM  
A-B**  
Lobby Level

***Finding Common Ground to Meet Energy and Environmental Goals***

Expanding on the previous session, participants will tackle the difficult question of how government and industry can acquire the necessary social license to move forward on large energy and infrastructure projects. Development of new energy projects and environmental goals demands a high degree of transparency and outreach from both industry and government to the public. Drawing on a diversity of backgrounds and expertise, participants will join Summit leaders in an exchange of best practices and case studies from North America and Asia for dealing with the political, regulatory, and social challenges of large infrastructure projects and environmental policies.

Moderator:      Kevin LYNCH  
*BMO Financial Group*

Panelists:      Peter EGGLESTON  
*Chevron Asia Pacific Exploration and Production*

Mary Alice HADDAD  
*Wesleyan University*

Anthony JUDE  
*Asian Development Bank*

Dave PORTER  
*First Nations Energy and Mining Council*

12:30–13:00      CLOSING REMARKS

**PARK  
BALLROOM  
A-B**  
Lobby Level

***Fast Forward to the Future***

Dennis C. BLAIR  
*Board of Directors, The National Bureau of Asian Research*

Kevin LYNCH  
*BMO Financial Group*