

IMPLICATIONS OF NORTH AMERICAN COAL AND GAS TO ASIA

Wednesday, November 19 • 210 Cannon House Office Building • 8:30 a.m.–12:00 p.m.

8:30 a.m. Registration Opens

9:00 a.m. Welcome **CLARE RICHARDSON-BARLOW**
The National Bureau of Asian Research

9:10 a.m. ***Forging New Energy and Environmental Partnerships***

Asia has emerged as the center of global energy demand as a result of increasing economic growth and a growing standard of living. At the same time, North America is experiencing an energy renaissance and newfound energy abundance due to expanded use of hydraulic fracturing and horizontal drilling for oil and gas. These shifts have opened the door for increasing trans-Pacific energy trade with Asia's rapidly growing economies. This panel will assess what opportunities exist for closer energy ties, more environmental cooperation and what is needed to realize this potential.

Moderator **MIKKAL E. HERBERG**
The National Bureau of Asian Research

Presenters **AYAKA JONES**
Energy Information Administration

ROMEO PACUDAN
*Renewable and Alternative Energy Department,
Brunei National Energy Research Institute*

SAMUEL TUMIWA
Asian Development Bank

TAKASHI KUME
Ministry of Economy, Trade and Industry, Japan

10:35 a.m. Introduction **CONGRESSMAN CHARLES W. BOUSTANY, JR.**
House of Representatives, Louisiana, 3rd District

***Charting the Course on Coal:
Addressing Energy, Economic, and Environmental Security***

Asia currently leads global energy consumption increases, and is projected to reach 56% of total global consumption by 2030, according to the Asian Development Bank. Additionally, developing Asia relies heavily on coal to fuel its economic growth, resulting in increasing environmental impacts and calls for clean coal technology and a more diversified energy mix. This session will examine key questions associated with the challenge of balancing energy, economic, and environmental needs, including how Asian and North American countries are addressing the tension between the desire to rely on inexpensive, available energy sources and concerns about the environmental impacts. Other key questions include: How can technology help resolve the tension between energy use and environmental degradation? Can trans-Pacific cooperation support the transformation of coal to a cleaner burning fuel source? How can policymakers and civil society leaders better utilize technology to find a balance between energy, economic, and environmental security?

Moderator **JEFFREY KUPFER**
Asia Society

Presenters **ARMOND COHEN**
Clean Air Task Force

BENI SURYADI
ASEAN Centre for Energy

HAN PHOUMIN
Economic Research Institute for ASEAN and East Asia

11:40 a.m. Closing Remarks **CONGRESSMAN GENE GREEN**
House of Representatives, Texas, 29th District

12:00 p.m. Conclusion **MEREDITH MILLER**
The National Bureau of Asian Research

PACIFIC ENERGY FORUM

Broad and fundamental global energy shifts, along with rapidly evolving technologies and capabilities, suggest that Asia and North America need to fundamentally reconsider their current energy relationship. The Pacific Energy Forum gathers experts and leaders from Asia, the United States, and Canada to assess the key policy questions that will shape the future trans-Pacific energy relationship and enhance energy and environmental cooperation among key actors in the region.

PACIFIC ENERGY SUMMIT

As economies in the Asia-Pacific region continue to grow at astonishing rates, the Pacific Energy Summit aims to foster economic and energy security in the Asia-Pacific by developing practical solutions to the dual challenges of rising energy demand and global climate change. The annual, invitation-only Summit convenes 200 global leaders to articulate practical and tenable policy solutions to energy and environmental challenges.

CHARLES W. BOUSTANY, JR.*Member, House of Representatives (United States)*

CONGRESSMAN CHARLES W. BOUSTANY, JR. represents Louisiana's Third Congressional District. As a cardiovascular surgeon with more than 20 years of experience, Congressman Boustany is at the forefront of healthcare policy in the Congress. He has also implemented sound energy policy and effective hurricane recovery plans during his tenure. He is a member of the House Ways and Means Committee and serves as Chair of the Subcommittee on Oversight.

ARMOND COHEN*Executive Director, Clean Air Task Force (United States)*

ARMOND COHEN is Executive Director of the Clean Air Task Force (CATF), a nongovernmental organization with offices in the United States and China dedicated to advancing low carbon energy and other climate management strategies throughout the world. CATF is especially focused on decarbonizing coal and natural gas for use in power, industry and transport fuels, working through business strategy as well as policy channels.

GENE GREEN*Member, House of Representatives (United States)*

CONGRESSMAN GENE GREEN was first elected to Congress from the 29th Congressional District of Texas in 1992 after twenty years in the Texas House of Representatives and the Texas Senate. In 1996, Green was appointed to the powerful U.S. House Energy and Commerce Committee, which he continues to serve on today. For the 113th Congress, he serves on the Subcommittee on Health, Subcommittee on Energy and Power, Subcommittee on Environment and Economy, and the Subcommittee on Oversight and Investigations.

MIKKAL E. HERBERG*Research Director, Energy Security Program, The National Bureau of Asian Research (United States)*

MIKKAL E. HERBERG is Research Director of the Energy Security Program for the National Bureau of Asian Research and Senior Lecturer in the Graduate School of International Relations and Pacific Studies at the University of California–San Diego. Previously, he spent twenty years in the oil industry in strategic planning roles for ARCO, including as Director of Portfolio Risk Management, Director for Emerging Markets, and Director for Global Energy and Economics, responsible for worldwide energy, economic, and political analysis.

AYAKA JONES*Senior Analyst, Energy Information Administration (United States)*

AYAKA JONES is a Senior Analyst at the U.S. Energy Information Administration (EIA). An expert on coal commodity markets, thermal power generation, carbon capture and storage, and coal to liquids, she bridges the gap between industry research and analysis and integrated energy system modeling. She leads EIA's international coal research and projections and manages EIA's China energy research and modeling efforts. Previously, she consulted at IHS CERA as an Associate Director and contributed to the Massachusetts Institute of Technology's study "The Future of Coal."

TAKASHI KUME*Special Advisor, Ministry of Economy, Trade and Industry (Japan)*

TAKASHI KUME is Special Advisor to Japan's Ministry of Economy, Trade and Industry (METI) and Director of JETRO (Japan External Trade Organization) New York. He covers a wide range of economic, energy, and trade issues. Prior to the assignment in the United States, Mr. Kume managed numerous industry-related issues within the Japanese government, where he focused on energy and IT policy. After the Fukushima nuclear accident, he was especially engaged in Japanese nuclear energy policy at the Cabinet Secretariat as well as METI.

JEFFREY KUPFER*Bernard Schwartz Fellow, Asia Society (United States)*

JEFFREY KUPFER is the current Bernard Schwartz Fellow at the Asia Society. Previously, Mr. Kupfer was a senior advisor for policy and government affairs at Chevron. He has also served as the Acting Deputy Secretary of the U.S. Energy Department, as a Special Assistant to the President for Economic Policy at the White House, and as the Deputy Chief of Staff of the U.S. Treasury Department. He is an adjunct professor of public policy at Carnegie Mellon University and a board member of Atlas Energy, L.P.

MEREDITH MILLER

Senior Vice President of Trade, Economic, and Energy Affairs & Outreach and Director of the Washington, D.C., Office, The National Bureau of Asian Research (United States)

MEREDITH MILLER is Senior Vice President of Trade, Economic, and Energy Affairs & Outreach and Director of the Washington, D.C., office at the National Bureau of Asian Research (NBR). Ms. Miller manages NBR research programs on economic, energy, and trade issues in Asia and guides engagement with Congress as NBR leverages its network of experts to bring objective, detailed analysis of strategic developments in Asia to policymakers. She also leads NBR's media and online outreach programs.

ROMEO PACUDAN

Director and Chief Researcher, Renewable and Alternative Energy Department, Brunei National Energy Research Institute (Brunei)

ROMEO PACUDAN is the Director and Chief Researcher of the Renewable and Alternative Energy Department of the Brunei National Energy Research Institute (BNERI), a policy think tank of the Energy Department at the Prime Minister's Office, Brunei Darussalam. He leads BNERI's strategic and technical research activities on sustainable energies, energy cooperation and electricity market integration. Dr. Pacudan has been recognized for his contribution to the Nobel Peace Prize awarded to the Intergovernmental Panel on Climate Change in 2007.

HAN PHOUMIN

Energy Economist, Economic Research Institute for ASEAN and East Asia (Indonesia)

HAN PHOUMIN is an Energy Economist at the Economic Research Institute for ASEAN and East Asia. He has over fifteen years of experience working at various international and intergovernmental organizations and multidisciplinary research consortiums related to poverty, governance, integrated water resource management, economic development, and energy economics in the region of ASEAN and East Asia.

CLARE RICHARDSON-BARLOW

Assistant Director for Trade, Economic, and Energy Affairs, The National Bureau of Asian Research (United States)

CLARE RICHARDSON-BARLOW is Assistant Director for Trade, Economic, and Energy Affairs at the National Bureau of Asian Research. In this capacity, she directs research, publications, and other programming for a variety of Trade, Economic, and Energy Affairs projects. Ms. Richardson-Barlow came to NBR from the Center for Strategic and International Studies where she worked on international business and trade issues. Ms. Richardson-Barlow has contributed to a variety of international policy publications including two books and numerous articles and reports. She holds an MA from the School of Public Policy and Management at Tsinghua University in Beijing, China.

BENI SURYADI

Programme Officer, Regional Energy Policy and Planning, ASEAN Centre for Energy (Indonesia)

BENI SURYADI is Programme Officer, Regional Energy Policy and Planning Department of the ASEAN Centre for Energy. He manages the coordination with ASEAN Specialized Energy Bodies and Sub-Sector Networks for the implementation of ASEAN Plan of Action for Energy Cooperation (APAEC) 2010-2015 and leads the research team to develop the ASEAN Energy Outlook.

SAMUEL TUMIWA

Deputy Resident Director, North American Representative Office, Asian Development Bank (United States)

S. SAMUEL TUMIWA is the Deputy Resident Director of the Asian Development Bank's North American Representative Office in Washington, D.C. In this capacity, he works with North American policymakers and stakeholders in the private and public sectors. He also serves to strengthen collaboration with other multilateral institutions based in North America, and conducts public and media outreach.

