

MOVING CANADIAN OIL TO MARKET

Wednesday, March 12, 2014
6:00 – 9:00pm

The Western Canadian Sedimentary Basin has very large reserves of conventional oil, tight oil and oilsands bitumen. There is increasing anxiety about exporting this growing oil supply to traditional US and to non-traditional international markets.

The economic drivers for Canada are large but moving increasing volumes of Canadian oil to market comes with environmental and social risks.

Alumni, staff, students and friends of the University of Calgary are invited to join a knowledgeable and diverse panel of senior experts for a lively discussion on this topic. Our panelists will address the economic/commercial/environmental/social issues of moving Canadian oil to market.



R. Paul Stastny BA | Moderator

Oilweek and Oilsands Review staff writer R. Paul Stastny covers all facets of the oil and gas industry, following its trends, issues, technology developments and the people that make up this dynamic business. He's been with JuneWarren-Nickles Publishing for the last seven years and prior to that was a regular contributor. His education in political science at the University of British Columbia, a diverse background in business and a broad range of interests and reading combine to bring a unique and balanced perspective to his writing.



John Carruthers BComm | Panelist

President, Enbridge Northern Gateway Pipelines

There is vigorous public debate around energy development, which is positive, because it focuses the energy industry on addressing stakeholders' concerns over safety and the environment.

Mr. John Carruthers is President of Northern Gateway Pipelines; a \$6.5 B pipeline system proposed to export petroleum and import condensate. The pipelines, which will run between Edmonton, Alberta and a new marine terminal in Kitimat, BC to access new, large and growing international markets.

Prior to Enbridge, John was Vice President of Alaska Canada Gas Pipeline with responsibility for Canadian and US Regulatory, Environment, Land and Public

& Government Affairs. Before Alaska Gas, John was President of the TransCanada's TC PipeLines LP and Vice President of Energy Transmission. He was also on the Management Committee of various pipeline investments.

John has served on the Boards of the not-for-profit Clean Water for Haiti, Calgary International Children's Festival and the Canucks Rugby Club. John is married with six children, and enjoys spending weekends in the mountains skiing and biking.



Diana Furchtgott-Roth BA, MPhil | Panelist

Senior Fellow, Manhattan Institute, Washington, DC

North America needs a whole new generation of pipelines to move oil and gas to refiners and consumers.

Ms. Diana Furchtgott-Roth, former chief economist of the U.S. Department of Labor, is director of Economics21 and a senior fellow at the Manhattan Institute. She has served in the White House as chief of staff of the Council of Economic Advisers under President George W. Bush, as deputy executive secretary of the Domestic Policy Council under President George H.W. Bush, and as an economist on President Reagan's Council of Economic Advisers.

Ms. Furchtgott-Roth is the author or coauthor of five books, most recently *Regulating to Disaster: How Green Jobs Policies Are Damaging America's Economy* (Encounter Books, 2012) and *Women's Figures: An Illustrated Guide to the Economic Progress of Women in America* (AEI Press, 2012). She is a contributing editor for RealClearMarkets.com and a columnist for *The Examiner*, *Tax Notes*, and MarketWatch.com.

Ms. Furchtgott-Roth received her B.A. in economics from Swarthmore and her M.Phil. in economics from Oxford.



Dr. Brenda Kenny PhD, PEng | Panelist
 President and CEO, Canadian Energy Pipeline Association

As Canada positions for the coming century we must step up to enable global trade and performance excellence; it is within our grasp but we need to move quickly and with intention.

Dr. Brenda Kenny is President and CEO of the Canadian Energy Pipeline Association where she leads industry collaboration and stakeholder outreach on safety, environment and energy policy related to pipelines and trade. She has extensive experience in energy regulation, sustainability and strategy development including a number of years in executive leadership with the National Energy Board.

Brenda is an adjunct professor in the Haskayne School of Business at the University of Calgary. She serves on

the Boards of the University of Calgary, and the Climate Change and Emissions Management Corporation. Brenda is also a Fellow of the Canadian Academy of Engineering, a member of the Institute of Corporate Directors and has been active in a variety of boards and community groups. She holds a Doctorate in Resources and the Environment from the University of Calgary, a Masters of Mechanical Engineering from the University of Waterloo, and a Bachelors of Applied Science from Queen's University.



Dr. Robert Mansell PhD | Panelist
 Academic Director, School of Public Policy, University of Calgary

Additional pipeline infrastructure to reach new markets serves the goal of Canadian prosperity but will require serious, informed conversations about the public interest to become a reality.

After receiving his PhD in 1975 Dr. Mansell joined the Department of Economics at the University of Calgary. He served as Head of the Department of Economics, Dean of the Faculty of Graduate Studies and Associate Provost over the period 1996-2005. In 2003 he was appointed Advisor to the President on Energy and Environment, and Managing Director of ISEEE. In January 2009 he was appointed Academic Director of the School of Public Policy.

Robert has a PhD in Economics from the University of Alberta, with specialization in econometrics and regional/resource economics. He has authored over 100

studies on energy and regulatory issues as well as many other studies on regional economics. Examples include publications on: traditional and incentive regulation; tolling alternatives for pipelines; the economic impacts of energy and related projects; fiscal transfers, policy and restructuring; changes and challenges in the Alberta economy.

He is qualified as an expert witness before many energy and utility regulatory bodies, such as the National Energy Board, the Alberta Energy Resources Conservation and Utilities Boards, the B.C. Utilities Commission, and the Ontario Energy Board.



Jarrett Zielinski BSc | Panelist
 President and CEO, TORQ Energy Logistics Ltd.

The unexpected increase in energy production is reshaping the landscape of how we move our energy from well head to market. We have been forced to analyze and rethink our conventional means of energy transportation in order to truly understand the most efficient means to get our products to market.

Jarrett Zielinski is President and CEO of TORQ Energy Logistics Ltd. a privately held midstream oilfield logistics company. Zielinski also holds the position of CEO of both TORQ Transloading and Goulet Trucking. TORQ and Goulet together provide oil and gas producers access to alternate markets for their product resulting in higher net backs relative to conventional modes of energy transportation. The companies together provide a seamless upstream crude-by-rail solution, across six loading terminals, moving 40,000 bpd of undiluted crude oil out of Western Canada. TORQ'S network, once fully built-out, will be capable of originating 150,000

bpd and receiving 150,000 bpd at downstream terminal destinations with access to significant refining and storage capacity as well as marine access and pipeline connectivity.

Zielinski holds a BSc in Finance from Canisius College (2002) where he played Division 1 college hockey. He has extensive experience in mergers and acquisitions in both the real estate and the energy industries. Zielinski and his wife are the proud parents to two children and enjoy spending their time playing hockey, traveling and fly fishing as a family.

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