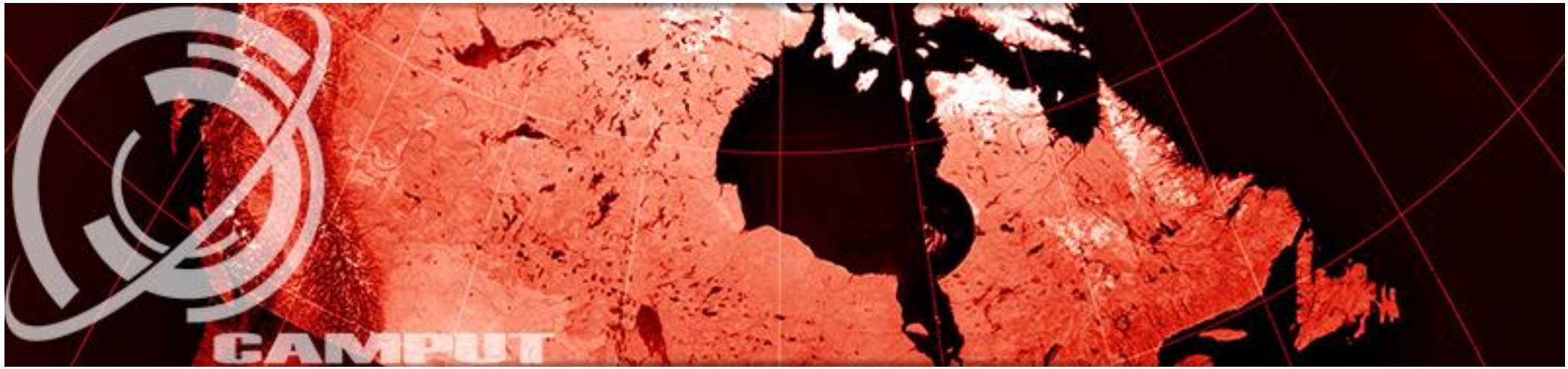


Sunday 05/07/2017

1:00 pm - 8:00 pm	**Registration** Grand Ballroom foyer
6:00 pm - 8:00 pm	**Opening Reception** Pavilion Ballroom

Monday 05/08/2017

7:00 am - 5:00 pm	**Registration** Grand Ballroom foyer
7:30 am - 8:30 am	**Breakfast** Pavilion Ballroom
8:30 am - 8:45 am	**Opening Remarks** Grand Ballroom Murray Doehler, Chair, CAMPUT David Morton, Chair, British Columbia Utilities Commission
8:45 am - 9:00 am	**Partner Program Briefing** Gulf Islands A
8:45 am - 10:00 am	**Keynote Address: Energy Systems in 2030 – What Should We Expect?** Grand Ballroom Dr. David B. Layzell, Director, Canadian Energy Systems Analysis Research (CESAR) Initiative, University of Calgary Michal Moore, Professor of Environmental Economics, Cornell University Pierre-Olivier Pineau, Professor - Chair in Energy Sector Management , HEC Montréal
10:00 am - 10:30 am	**Networking Break**

Grand Ballroom foyer

10:30 am - 12:00 pm **The Great Canadian Pipeline Debate – What Is It Really About?**
Grand Ballroom
Moderator: Gaétan Caron, Executive Fellow, School of Public Policy, University of Calgary
Chris Bloomer, President & CEO, CEPA
Martin Olszyinski, Assistant Professor, University of Calgary
Eugene Kung, Barrister & Solicitor, West Coast Environmental Law
Canada's first great pipeline debate in 1956 was one of the most famous parliamentary confrontations in Canadian history. It resulted in the construction of a 3700 km pipeline from Burstall, Saskatchewan to Montréal, Québec in October of 1958, and contributed to the defeat of the Liberal government of the day in the 1957 general election. The current debate on building pipeline infrastructure in Canada is no less contentious. It has resulted in criticism of regulatory processes from First Nations leaders, environmental organizations, provincial premiers and city mayors, and led to federal and provincial reviews of regulatory systems to build public trust in these processes. This session will examine what the current pipeline debate is all about, and what lessons have been learned that may have benefit in the future.

12:00 pm - 1:15 pm **Lunch**
Pavilion Ballroom

1:15 pm - 2:45 pm **Energy Systems in Transition – Winds of Change**
Grand Ballroom
Moderator: Honorable Sergio Marchi, President and CEO, Canadian Electricity Association
Philippe Dunsky, President, Dunsky Energy Consulting
Laura Hussey, Director, International Relations, North American Electric Reliability Corporation (NERC)
Anda Ray, Senior Vice-President Energy, Environment and Exter□nal Relations, Electric Power Research Institute
Political will is moving provinces to transition fuels to lower GHG-intensive energy forms, more renewable integration with the electricity grid, expanding use of electricity for electric vehicles, cross-border energy trade, self-generation, smart grids etc. Alberta's announced move away from coal by 2030 and Ontario's announced emphasis on electrification raise the costly issues of early retirements or converting existing generation plants, adding new and cleaner generation, and building systems that integrate supply and load in a new way. All of this while dealing with public pressures of rising energy prices.

2:45 pm - 3:00 pm **Networking Break**
Grand Ballroom foyer

3:00 pm - 4:30 pm **Decarbonizing Canada's Energy Future – Pricing Carbon**
Grand Ballroom
Moderator: Joseph Doucet, Dean, School of Business, University of Alberta
Jack Mintz, President's Fellow, School of Public Policy, University of Calgary
Nancy Olewiler, School of Public Policy , Simon Fraser University
Merran Smith, Executive Director, Clean Energy Canada

Carbon pricing is happening, whether through a mandated price on carbon like British Columbia or Alberta, through cap and trade schemes like Québec and Ontario, or through a federal policy announced in late 2016. This session will give an analysis of the federal and provincial patchwork on carbon pricing. Do the differing approaches all make sense? Can carbon reduction objectives be met … and with what impact on citizens' pocketbooks and on the

economy? What will this mean for Canada's oil and gas sector? And in the final analysis, what are the implications for regulators?

Free Evening

Tuesday 05/09/2017

7:00 am - 5:00 pm	**Registration** Grand Ballroom foyer
7:30 am - 8:15 am	**Breakfast** Pavilion Ballroom
8:15 am - 8:30 am	**Monday's Day in Review** Grand Ballroom
8:30 am - 10:00 am	**Modernizing Hearings – Facilitating Public Engagement in Decision Making** Grand Ballroom Moderator: Michael Cleland, Senior Fellow, Positive Energy Program, University of Ottawa Paul Cassidy, Partner, McCarthy Tétrault LLP Robert Powelson, President, National Association of Regulatory Utility Commissioners Peter Watson, Chair and CEO, National Energy Board Transparency and public access to hearings has always been an important part of the regulatory process. Tribunals have, however, struggled with balancing adequate public participation with the need to keep the hearing schedule manageable. How can a tribunal ensure that the public is properly engaged, yet at the same time ensure that hearings proceed in an orderly and efficient manner? Does broader public participation necessarily result in better decisions? This session will explore the approaches adopted in different jurisdictions. What has worked? What needs improvement? Can there ever be too much public participation?
8:45 am - 9:00 am	**Partner Program Briefing** Gulf Islands A
10:00 am - 10:30 am	**Networking Break** Grand Ballroom foyer
10:30 am - 12:00 pm	**Legal and Regulatory Principles – What Constitutes Adequate First Nations Consultation and Accommodation?** Grand Ballroom Moderator: Thomas Isaac, Partner, Cassels Brock & Blackwell LLP Sharon Mascher, Professor of Law, University of Calgary Michael McDonald, Partner, Clark Wilson LLP David J. Mullan, Professor Emeritus, Queen's University What is truly meant by adequate consultation with First Nations? In a recent decision, the Federal Court of Appeal overturned the federal approval of the Northern Gateway pipeline project. The Court decision slammed the former federal government for failing to properly consult the First Nations affected by the proposed pipeline. This session will explore the requirements of Aboriginal consultation and accommodation processes and potential impacts on future projects.
12:00 pm - 1:15 pm	**Lunch** Pavilion Ballroom

1:15 pm - 1:20 pm **Information about WFER 2018**
Grand Ballroom

1:20 pm - 2:45 pm **What Does the Future Hold for Natural Gas?**
Grand Ballroom
Moderator: Shahrzad Rahbar, President, IGUA
Paul Cheliak, VP Regulatory and Government Affairs, Canadian Gas Association
Douglas Stout, VP, Market Development & External Relations, Fortis BC
Meghan Harris-Ngae, Energy Market Leader, Climate Change & Sustainability Services, Ernst & Young LLP

On the one hand, natural gas is a carbon-emitting source of energy, and as new building construction practices and codes are adopted, there might be limits on carbon-emitting heating. On the other hand natural gas powered personal and commercial vehicles may reduce GHG emissions, representing potential opportunities. Additionally, remote communities which currently rely on diesel generation may benefit from conversion to newer natural gas technologies. What this means is that predicting the future for natural gas is fraught with complexities. This session will help us to sort through some of the conflicting signals.

2:45 pm - 3:00 pm **Information on CAMPUT Annual Conference 2018**
Grand Ballroom

3:00 pm - 3:15 pm **Networking Break**
Grand Ballroom foyer

3:15 pm - 4:30 pm **Fracking: Supply Blessing or Environmental Curse?**
Grand Ballroom
Moderator: Pierre Alvarez, Vice Chair, Global Public Affairs
Carole Dupuis, Executive Coordinator, Regroupement vigilance hydrocarbures Québec (RVHQ)
Kevin Heffernan, Consultant, Past President, Canadian Society for Unconventional Resources
Jennifer Winter, Director, Energy & Environmental Policy, School of Public Policy, University of Calgary
Hydraulic fracturing, or fracking, to extract natural gas from shale rock, has led to a significant increase in gas supplies in North America. Fracking has, for example, unlocked the Marcellus Shale, the largest gas field in the U.S. and one of the largest in the world, leading to abundant supplies and contributing to lower prices for consumers. At the same time, concerns have been expressed about the amount of water, sand and chemicals injected into the earth during the fracking process, and the possibility of fracking causing small earth tremors and water quality issues. This panel will assist conference participants in understanding, and potentially reaching some conclusions, on various aspects of a complex set of issues.

6:00 pm - 7:00 pm **Reception**
Pavillion Foyer

7:00 pm - 9:00 pm **Banquet**
Grand Ballroom

Wednesday 05/10/2017

7:00 am - 11:00 am **Registration**
Grand Ballroom foyer

7:30 am - 8:15 am **Breakfast**
Pavilion Ballroom

8:15 am - 8:30 am	**Tuesday Day in Review** Grand Ballroom
8:30 am - 10:00 am	**Utility Performance – The Role of Regulation in Encouraging/Accommodating Innovation/Technology** Grand Ballroom Moderator: Jonathan Erling, Managing Director, KPMG LLP James M. Coyne, Senior Vice President, Concentric Energy Advisors Lisa DeMarco, Senior Partner, DeMarco Allan Stanford L. Levin, Emeritus Professor of Economics, Southern Illinois University Edwardsville To what extent should regulatory models evolve in order to balance risk and opportunity for fair return with incenting innovation and new technologies in the regulated industry? Regulatory regimes have become more complex because of the need to incorporate policy objectives, such as the promotion of renewable generation and, more generally, new technologies. New electricity technologies make self-generation more economic, increasing the risk that customers will begin to reduce or eliminate their reliance on the grid. New natural gas technologies, such as renewable natural gas (RNG) and power-to-gas may not only reduce emissions but may add to the effective utilization of intermittent renewable electricity technologies like wind and solar. Is there a regulatory role in actively encouraging innovation, or should innovation be primarily the responsibility of utilities to encourage and investors/owners to fund? What regulatory approaches to innovation have worked, or not worked, and what can we learn from the experiences of others?
10:00 am - 10:30 am	**Networking Break** Grand Ballroom foyer
10:30 am - 12:00 pm	**International Developments in Energy Regulation** Grand Ballroom Moderator: Philip B. Jones, Past President of National Association of Regulatory Utility Commissioners, Washington State John Betkoski, III, Chair, International Confederation of Energy Regulators, First Vice-President, National Association of Regulatory Utility Commissioners Paula Conboy, Chair, Australian Energy Regulator David Gray, Chairman, Office of Gas and Electricity Markets, UK Energy Regulation spans the globe, and each jurisdiction has its own technical, market and regulatory challenges. To what extent are the challenges similar, and what can we learn from one another? Regulatory experts representing Australia, the UK, the US and a worldwide association of energy regulators will discuss common challenges being faced or expected, approaches being used or planned and the likely success of adopting/modifying practices already being used by other regulators.
12:00 pm - 12:15 pm	**Concluding Remarks** Grand Ballroom