



March 2016 has been a busy month, marked by three events: our second event in the Energy Council's 2016 program of events and activities; the first meeting of the Board of Directors in 2016; and attendance at a major environmental conference in Vancouver.

Please note the reminder near the end of the report to consider attending and contributing a paper to the World Energy Council's *2016 World Energy Congress* in Istanbul Turkey in October 2016.

Before re-capping the month's activities, I draw your attention to the Energy Council's third event in 2016, scheduled for Calgary in early May.

Energy Council Upcoming Event – *Responding to Shifting Markets and Changing Policies*, May 9 and 10, Calgary

Responding to Shifting Markets and Changing Policies is the theme for this upcoming event in Calgary. Western Canada's energy sector is facing many challenges and opportunities at present and over the next five years. The impact of low commodity prices is dramatic, reflected in widespread job losses, postponement of major projects, and trimmed budgets for the near future. Major new climate policy directions have been announced, by provincial and federal governments.

How can the energy sector in western Canada come to grips with these challenges and design strategies for the years ahead? Answering these questions boils down to:

- What's ahead for the resource-based economies in western Canada in the face of shifting markets and changing policies and how can the energy sector thrive, continue to deliver economic and social benefits, and grow stronger in changing times?
- How do we continue to exploit western Canada's rich endowment of fossil and renewable resources and continue to grow a world-leading, resource-based economy in sync with social, environmental and economic goals?

The program starts with a reception on the evening of May 9, immediately following the Board Meeting and Members' Roundtable that afternoon. Four sessions during the following day will explore aspects of shifting markets and changing policies that have a direct impact on the energy sector:

- **Stage-setter on the "big picture"** around shifting markets and the changing energy scene in western Canada;
- Panel session on **what de-carbonization might look like** in an energy economy based on a combination of fossil and renewable resources;
- Panel session on **how can we change the conversation around earning public acceptance for major energy projects** to address the issue of market access;
- Panel session on **design and implementation of new climate policy**, exploring lessons learned from consultations with government, industry representatives, First Nations, and ENGOs which led to the Alberta Climate Leadership Plan.

Further details on keynote speakers, Session Chairs and panelists will be announced shortly. Registration details and information on sponsorship opportunities are at www.energy.ca.

Re-Capping March 2016 Events

GLOBE 2016 Conference, March 2-4, Vancouver BC

The biennial GLOBE conference is a major event which brings business leaders together with politicians, government officials and environmentalists to talk about how to address environmental, policy and business issues.

Under the 2016 theme of *“Leadership Summit for Sustainable Business”*, over 1,600 attendees from across the globe participated in 50 technical and policy sessions and many inspiring plenary sessions woven throughout the program.

Here are a few of my observations from the plenary and technical sessions:

- Political leadership on climate change has never been so apparent and so consolidated. The Prime Minister, several premiers, and city mayors spoke about their commitment to taking action to design and implement climate policy. A remarkable feature was the alignment and the seemingly collegial approach to taking action on climate change;
- The need for action on carbon pricing was mentioned many times by many speakers as an essential plank of climate policy;
- Several sessions provided prominent recognition and respect for the expectations and aspirations of Canada’s First Nations, with their leaders participating either as panelists or keynote speakers;
- The global business community was well represented. GLOBE conferences traditionally have a strong international presence, with representatives from 50 countries present this year;
- In addition to GHG emissions, there was much attention given to fugitive emissions such as methane leaks from natural gas systems and from shale gas operations; and,
- There was frequent recognition that even if you add up the expected emissions reductions from the stated government goals plus the projected reductions from planned actions between now and target date, there is still a significant shortfall in the emission reductions required to limit global temperature increase to 2° C.

The program content, the innovation expo, and the networking opportunities make attendance at the biannual GLOBE conferences very worthwhile. Anyone interested should consider attending in March, 2018.

Meeting of the Board of Directors, March 7 - Highlights

The first Board meeting of 2016 was held in Toronto on March 7 prior to the Energy Council event on energy infrastructure. Several highlights follow:

- **Two new Board Members were approved:**
Bob Hanf, President & CEO, Nova Scotia Power Inc (Emera) to replace Rob Bennett for the remainder of his term (2018); and
Chris Bloomer, President & CEO, CEPA to replace Brenda Kenny for the remainder of her term (2018).
- **Two new members of the Energy Council’s Executive Committee were appointed:**
Bob Hanf, President & CEO, Nova Scotia Power Inc. as Chair, Energy Policy Research Committee, and as a member of the Executive Committee; and,
Michael McKerracher to the office of Chair of the Finance Committee and as a member of the Executive Committee.

- **Four New Member Organizations of the Energy Council of Canada were approved** by the Board: Bridgepoint Group Ltd., Canadian Council for Aboriginal Business CCAB); General Fusion; and Mitsubishi Hitachi Power Systems Canada Ltd. The Board has extended a warm welcome to these new members.
- **An Update on the Trottier Energy Futures Project** was provided by the project's manager, Dr. Oskar Sigvaldason.

The goal of this Project was to identify actions that could be implemented in order to reduce GHG emissions by 80% by the year 2050, and further still by 100% by the year 2100. The Project partners were the Trottier Family Foundation, the Canadian Academy of Engineering, and the David Suzuki Foundation. The project team involved a team of 12 people working for the last two and a half years. Eleven different scenarios have been analyzed using two mathematical models with review throughout the project by an expert review panel. The scenarios include: high fossil fuels projections, low fossil fuels projections, and also scenarios based on both proven technologies and disruptive technologies.

On April 5, I attended the private briefing and also the public launch of the report entitled *Canada's Challenge and Opportunity: Transformations for major reductions in GHG emissions*. The overview presentation was made by Dr. John Leggat, followed by discussion and questions with the panel including Pierre Lortie, President, CAE; Peter Robinson, President and CEO, David Suzuki Foundation; Lorne Trottier; Dr. Kathleen Vaillancourt, President, ESMIA Consultants; and Dr. Oskar Sigvaldason.

The Summary report is available now and the final report will be posted shortly, on the websites of the organizations listed above.

First Members' Roundtable, March 7

One of the initiatives approved in the Energy Council's 2016 – 2018 Strategic Plan is to organize frequent opportunities for Board Members to discuss a topic of interest in some detail led by an outside expert in a closed forum.

The first Members' Roundtable was held immediately following the Board Meeting on March 9 with Lisa DeMarco as the guest speaker. Ms. DeMarco is a lawyer based in Toronto with over two decades of experience in law, regulation, policy and advocacy relating to energy and climate change. She represents several governments and leading energy clients in a wide variety of natural gas, electricity, pipeline, and energy storage matters before various regulatory tribunals, including the Ontario Energy Board and the National Energy Board. She has been an adjunct professor at Osgoode Hall Law School and lectures there regularly.

The roundtable opened with Ms. DeMarco's remarks on her COP21 experience, the major outcomes from that conference, the implications for Canada, and her insights on the path forward for Canada's climate plan. A roundtable discussion chaired by Colin Andersen drew out interesting aspects of what needs to be involved in formulating a practical climate plan for Canada.

The feedback from Board Members on this session has been positive, both for the excellent guest speaker and also for organizing Members' Roundtables in the future. A similar event is being planned following the next Board meeting on May 9 in Calgary.

Energy Council's Second 2016 Event – Energy Infrastructure: Issues, Opportunities, Implications, March 7 and 8

The program for this Energy Council event provided a multi-faceted examination of the challenges, issues, and potential future directions affecting energy infrastructure in Canada. Presentations covered infrastructure issues and opportunities from municipal, provincial, national, and global perspectives.

Keynote and speakers in five sessions on March 8 addressed:

- Federal policy perspectives on energy issues and infrastructure matters in particular;
- The “big picture” on infrastructure issues, recent developments, upcoming infrastructure decisions;
- Municipal and Community Perspectives - Role of energy infrastructure in ensuring safe and reliable energy at reasonable energy costs, meeting the energy needs of remote communities;
- Provincial Perspectives - Form and function of new energy infrastructure as a consequence of new energy technologies, energy storage, and real-time energy management, competitiveness, access to markets; and,
- National Perspectives – Anticipated climate impacts from extreme weather events on existing and new energy infrastructure, building in resiliency, Insurance, and an innovative approach to financing energy projects.
- Jaime Watt shared his observations

in the luncheon address on the politics of energy in Ottawa and a few provincial capitals in an engaging and thought-provoking talk on the dynamics between government and the energy industry. He noted that the political landscape has changed drastically since this time last year. Prime Minister Trudeau brought in a bold agenda, and a reversal of tone that was as stunning as it was immediate. Dramatic changes in government and energy policy have also occurred in Alberta, and new climate policy initiatives have been launched in Ontario.

A report on the highlights from this event is in preparation.

In addition to his luncheon presentation, Jaime Watt met privately prior to the luncheon address with 15 members of the Board of Directors and a few invited guests. After a round of introductions, Jaime shared some observations on political dimensions of current energy issues, followed by questions and an open dialogue. The attendees appreciated the opportunity to meet with Mr. Watt in this setting and to share thoughts and perspectives on the energy issues of the day. This was an opportunity for Energy Council members to connect directly with one of Canada’s leading political commentators.

Energy Infrastructure: Issues, Opportunities and Implications March 7 and 8, 2016			
Welcome	Highlights from WEC report <i>The Road to Resilience – managing and financing extreme weather risks</i> Graham Campbell , President, Energy Council of Canada		
Keynote	Federal Energy Perspectives Bob Hamilton , Deputy Minister, Natural Resources Canada		
Keynote	Infrastructure “Big Picture” Todd Williams , Navigant Consulting Inc.		
Panel	Municipal & Community Perspectives Session Chair: Anthony Haines , President and CEO, Toronto Hydro		
	JP Gladu Canadian Council for Aboriginal Business	Paul Nardozi Toronto Hydro	Annette Verschuren NRStor Inc.
Panel	Provincial & Regional Perspectives Session Chair: Bill Smith , Siemens Canada		
	Kim Warren Independent Electricity System Operator	Jim Redford Union Gas	Johanne Mullen Canadian Council for Public Private Partnerships
Luncheon Keynote	Jaime Watt Executive Chairman, Navigator Inc.		
Panel	National Perspectives Session Chair: Mark Sidebottom , Nova Scotia Power		
	Mary Preville Natural Resources Canada	David McGown Insurance Bureau of Canada	Dina Karmal Deloitte
Keynote Closing Address	Wrap-up, Insights on Infrastructure Issues Dr. Jatin Nathwani Professor, University of Waterloo, Ontario Research Chair, Executive Director, Waterloo Institute for Sustainable Energy, Lead for WISE – Energy Council Research Fellowships Program		

Outreach on Behalf of the Energy Council of Canada

We have noticed that studies undertaken by the World Energy Council typically do not take proper account of the many excellent policy and technology initiatives implemented by Canada's provincial governments. The Energy Council's Studies Committee has been working to address this concern in the context of the studies in play.

To discuss this concern further with WEC staff, Colin Andersen organized a one-hour interview on February 22 to discuss the Canadian subnational context in more detail with Diletta Giuliani from the WEC London office and Robert Peterson of Oliver Wyman, a firm that works closely with WEC. Colin was pleased with the conversation and we look forward to improved recognition of provincial initiatives in future reports.

Upcoming Energy Council Events

Board of Directors Meeting, May 9

Board Members should note the upcoming meeting of the Energy Council's Board of Directors on May 9 in Calgary. The second Members' Roundtable will follow the Board meeting.

We look forward to seeing many of you at the Calgary event on May 9 and 10.

2016 World Energy Congress, October 9 to 13, 2016, Istanbul, Turkey – Plan to get involved

I encourage you to consider attending and participating in the World Energy Council's *2016 World Energy Congress*¹. This triennial event is the premier international, multi-energy forum for energy executives to gain insights on energy issues and solutions from a global perspective.

The 2016 Congress' theme is *Embracing New Frontiers*. The event will bring together more than 10,000 top world leaders in the field of energy, from industry, governments, and international organizations, as well as the media, universities and energy industry associations.

For Canadian energy executives, the WEC Energy Congress is an excellent opportunity to hear from energy leaders from across the globe about the latest energy developments and issues, and for dialogue amongst their energy peers, global energy ministers, and leaders from business, finance and academia.

There are two ways to connect with this event. The first is by being part of the program². I have been in touch with the staff at the WEC Head Office who are designing the program, asking about themes or topic areas that they would like to see added to the program. They are looking for papers which profile strategic questions and innovation stories. Over 100 top energy leaders have been confirmed to address the Congress on critical issues affecting the energy sector. The call for papers is now open, with an extended deadline for submission of papers of April 30, 2016.

Second, I encourage you to consider attending this event. Registration details are available through the 23rd World Energy Congress link footnoted above.

With my best regards,

Graham Campbell, President

¹ 23rd World Energy Congress - <http://www.wec2016istanbul.org.tr/congress/>

² Provisional Program

http://www.worldenergy.ch/file/Weltenergiekongresse/Istanbul/EXT_Istanbul%202016%20Congress_flyer_150522.pdf