



In this monthly report, I profile two important upcoming Energy Council events for this Fall and provide a reminder about the 2016 World Energy Congress to be held in Istanbul, Turkey in October.

Also, there is some great news below on the appointment of an Energy Council of Canada Board Member to the position of Regional Vice Chair, North America, within the World Energy Council.

The World Energy Council has recently released its annual report on energy policy, entitled the *2016 World Energy Trilemma*; the themes and a link are provided below.

Energy Panel Breakfast Event – Dr. Christoph Frei, September 13



Dr. Christoph Frei, Secretary-General of the World Energy Council, will be in Toronto on September 12th to 14th to participate in the *Toronto Global Forum* organized by the *International Economic Forum of the Americas*.

An Energy Council breakfast event with Dr. Frei has been organized for the morning of September 13th from 7:30 to 9:00. Dr. Frei is a dynamic speaker and an insightful leader of the World Energy Council. Learning more about his latest thinking on energy trends and issues will be of great interest to our members and other attendees.

The program opens with remarks by Dr. Frei followed by commentary from a panel of Canadian energy leaders chaired by Colin Andersen. Panelists will include David McFadden, Counsel, Gowlings WLG in Toronto and Chair, Ontario Energy Association, and Tim Egan, President and CEO, Canadian Gas Association. An open dialogue on current energy issues will follow.

Further details on the venue and registration is available at www.energy.ca.

Halifax Regional Event – Regional Solutions to Atlantic Canada's Carbon Challenge, November 21-22

Many initiatives are moving ahead aggressively that are transforming energy systems in Atlantic Canada to address the region's environmental issues and market opportunities. Several dimensions of the transformation will be examined during this event: provincial energy policy, examples of regional cooperation, launch of new technologies by entrepreneurs, and feedback from First Nations communities engaged in clean energy developments. Taken together, these initiatives position Atlantic Canada as a leading-edge example of implementing practical solutions to a region's carbon challenge.

Plan to join your colleagues from across the region representing industry, government, First Nations, ENGOS, and academia. The event will start on November 21 with an opening reception and keynote address. On November 22, the program features two keynote presentations and three sessions, each followed by an open dialogue with all participants.

Registration details will be available shortly.

Appointment of the Regional Vice Chair, North America, World Energy Council

It is a great pleasure to inform you that an Energy Council Board Member, Mr. Bob Hanf, President and CEO, Nova Scotia Power Inc. has been appointed by the World Energy Council's Nominating Committee to serve as World Energy Council's Regional Vice Chair, North America for a three-year term from 2016 – 2019. This position has oversight for the three member committees in North America in Canada, Mexico and the United States, and is supported by the Member Services team at the London Secretariat. Mr. Hanf will succeed Dean Oskvig, President and CEO, Black & Veatch Energy. His appointment will be formalized during the World Energy Council's Executive Assembly held prior to the 2016 World Energy Congress.



Congratulations to Bob Hanf on behalf of the Energy Council of Canada for taking on this important leadership position within the World Energy Council!

2016 World Energy Trilemma – Annual Energy Policy Report



The World Energy Council released its *2016 World Energy Trilemma*¹ report on June 1 in San Francisco in conjunction with the Clean Energy Ministerial meeting. This report is particularly timely, providing clear policy advice on practical ways to make progress on reducing emissions from energy activities.

The context is that energy sector is at a transition point and faces a range of growing challenges. Countries have committed to reducing greenhouse gas emissions (GHG) under the November 2015 climate change agreement (COP 21), putting a renewed focus on the decarbonisation of the energy sector. In addition, energy services must expand to meet rising global energy demand in many emerging economies and provide more than 1 billion people with needed access to modern energy services. At the same time as transforming market designs and expanding energy infrastructure, energy security and reliability must be maintained and strengthened in a context of increasing risks and resilience challenges.

Policies and actions to accelerate the energy transition to achieve these broad goals are examined in five focus areas. Each area is covered in detail in a separate chapter and highlights are provided on the experiences of countries across the globe arising from implementing initiatives within their jurisdictions. For example, Ontario's experiences and learnings from the smart meter program are profiled.

1. **Transforming Energy Supply.** Policy-makers and decision-takers must set clear and straightforward energy targets and build a broad consensus for the transition in energy supply and demand.
2. **Advancing Energy Access.** Many emerging and developing economies continue to struggle to expand energy infrastructures to support advanced energy security, reliability and access.
3. **Addressing Affordability.** Many countries with lower gross domestic products (GDPs) and low rankings on the energy equity dimension are struggling to ensure energy affordability while financing or creating the investment conditions to support energy infrastructure expansion.
4. **Improving Energy Efficiency and Managing Demand.** Energy efficiency and managing energy demand continue to be globally perceived as top action priorities with huge potential for improvement. Policy-makers must align the interests of asset owners, users and regulators, and continue to implement a combination of energy efficiency standards, performance ratings, labelling programmes and incentives.

¹ <https://www.worldenergy.org/publications/2016/world-energy-trilemma-2016-defining-measures-to-accelerate-the-energy-transition/>

5. **Decarbonizing the Energy Sector.** Dynamic and flexible renewable energy investment policies are the key to responding to evolving market dynamics and technological developments. Meeting COP 21 climate goals will require a clear path to a meaningful carbon price signal and changes beyond the energy sector and across the economy.



2016 World Energy Congress, October 9 – 13, Istanbul, Turkey

Just a quick reminder about the upcoming 2016 World Energy Congress. This is the premier gathering of global energy leaders, held every three years.

This year's theme is *Embracing New Frontiers*. Quoting from the Congress program:

"The four-day programme will address the most important energy issues facing the entire global energy leaders' community as we map the transition to a low carbon energy future including key issues such as the global commodity price storm, innovative business models, energy storage, and Ministerial dialogues addressing the grand transition and regional integration.

Discussions will be on a diverse range of issues from understanding how innovative business models are shaping the electricity revolution to what key actions are required to meet tomorrow's energy goals.

Each day is dedicated to a theme: Day One: Vision and scenarios for the future, Day Two: Identifying the business opportunities, resources and technologies, Day Three: The Energy Trilemma, with Day Four focused on Africa and its role in securing a stable energy future."

We have been informed by Marie-José Nadeau, Chair, World Energy Council, by Dr. Christoph Frei, the World Energy Council's Secretary-General, and by Murat Mercan, Chair of the Congress' Organizing Committee, that every effort is being made to monitor the security situation in Istanbul over the next weeks and to evaluate necessary steps. *"We and the organising committee will be taking all appropriate steps to ensure the safety and security of our members, and we and they, will keep member committees fully informed of developments."*

Details on the 2016 WEC Congress program and registration information are available at:

<http://www.wec2016istanbul.org.tr/congress/>.

Outreach in June on Behalf of the Energy Council of Canada

Colin Andersen, Chair, Energy Council of Canada, and other Energy Council colleagues participated in several energy events in June.

At the RSI event on June 6 on the theme *The New Leadership Opportunity – In An Uncertain Future*, Mr. Andersen spoke on the topic of *"Future Energy Systems Transformation"*. *ReThink Sustainability Initiatives (RSI)* is a hub for leaders who want to optimize sustainability and innovation for greater business and societal success.

On June 7, the Waterloo Global Science Initiative organized an international OpenAccess Energy Summit which investigated energy isolation in communities around the world. The Summit identified a number of recommendations including a call for the United Nation's *Sustainable Energy for All initiative (SE4All)* to make energy equity a core element of its mandate. SE4All's overall goal is to achieve universal access to sustainable energy, as a contribution to a cleaner, just and prosperous world for all. Mr. Andersen attended and provided support and advice at this Summit.

On behalf of ECC chair Colin Andersen, David McFadden spoke on the topic of *Ontario's Energy System in the World Energy Context* at the conference on June 14 and 15 organized by Electric Utility Consultants, Inc. (EUCI). Mr. McFadden was joined by Barry Worthington, Executive Director of the United States Energy Association.

In June, Colin represented the Energy Council at a *Workshop on Public Confidence in Energy Decision Processes: The Role of Public Authorities*. This workshop was organized by the University of Ottawa's *Positive Energy* initiative. The Workshop lead was Michael Cleland, Senior Fellow of Positive Energy and also the Energy Council's 2015 Canadian Energy Person of the Year. The Workshop identified a work plan of activities for the next two years.

Also in June, Colin represented the Energy Council at the *International Economic Forum of the Americas'* conference in Montreal.

Enjoy the summer and please register for the Energy Panel Breakfast event on September 13 with our distinguished guest Dr. Christoph Frei!

Graham Campbell,

President
Energy Council of Canada