



January 5, 2018

**Energy in Canada @ 150 and Beyond
Canada's Energy Leaders Commemorate Canada's 150th Anniversary
Collection of Articles is Now Complete**

Greetings from the Energy Council of Canada at the beginning of 2018. We are looking forward to another interesting and informative year through our upcoming events and activities, our Members' Roundtables, and stepped-up communications and outreach to share our insights on energy in Canada more broadly.

This note from the President's Desk brings you up-to-date on one of our 2017 projects to commemorate Canada's 150th anniversary. The Energy Council of Canada invited Canada's energy leaders to share their insights in a series of articles written on topics of their choice. These articles are intended to reflect on energy developments to date, and then provide insights on what's ahead for energy in Canada over the next 50 years.

Eighteen Articles Now Posted

The collection of articles has now been completed. We are very pleased that a total of **eighteen articles have been submitted**. The range of topics is very broad – policy, technology, transformations underway in the energy system, sectoral views from oil and gas, nuclear and renewables, a success story on Aboriginal businesses engaged in energy, innovation, and regulation to name a few.

Latest Postings

We have recently posted six new articles ***Energy in Canada @ 150 and Beyond*** series.

The six new articles include:

- views on Canada's exciting future by **Al Monaco**, President and CEO, Enbridge Inc. in his recipient's address after receiving the 2017 Canadian Energy Person of the Year award;
- two articles on Canada's oil and gas opportunities and path forward by **Tim McMillan**, President and CEO of the Canadian Association of Petroleum Producers, and **Steve Williams**, President and CEO of Suncor Energy;
- an article on the importance of up-to-date safety regulation in the electricity services sector by **David Collie**, the President and CEO, Electricity Safety Authority;
- an interesting climate policy proposal by **Jatin Nathwani**, Executive Director of the Waterloo Institute for Sustainable Energy at the University of Waterloo; and,
- an important article on behalf of the Canadian Council on Aboriginal Business by **JP Gladu**, President and CEO, describing the successful engagement in renewable energy projects by Aboriginal communities.

Here are brief summaries of the newly-posted articles.

Embracing the Excitement of Energy: Al Monaco, President and CEO, Enbridge Inc. and recipient of the 2017 Canadian Energy Person of the Year Award. In his recipient's address, Al Monaco urges greater awareness of the positive ways in which energy underpins our lives and technological advancements. In a world no longer driven by concern with energy scarcity, but still facing rapid population growth, he posits five key factors that will shape our energy future, and argues that North America is developing a tremendous competitive advantage as a global supplier of low-cost energy. Achieving its full potential, however, will require finding means to move beyond current polarized debates.

In his article entitled ***Canada's Energy Story and Our Place in the World's Energy Future***, **Tim McMillan, President and CEO, Canadian Association of Petroleum Producers** describes how Canada has become one of the world's largest producers of oil and gas. Innovation has made both further discoveries and our current focus on sustainability possible, and positions us well to meet growing energy needs even in a lower-carbon world. Industry collaborative efforts are already helping make this possible, and Canada is a preferred supplier of the oil and gas the world will continue to need in the decades ahead. The outlook for Canadian energy is tremendously positive, providing we are able both to develop the infrastructure needed to get our products to market, and to foster a competitive regulatory and fiscal environment.

Steve Williams, President and CEO, Suncor inc. has contributed an article entitled ***Canada – Responsible Energy for the Globe***. He posits that Canadians need to end the current polarization in the debate on energy, and instead seize the opportunity presented by a national character that tends towards common understanding and inclusive approaches.

The next two articles highlight the importance of keeping regulatory practice in step with the latest development and practices and an interesting climate policy idea.

David Collie, President and CEO, Electrical Safety Authority calls for three key collective efforts to ensure that safety and technology keep pace with each other as the second electrical revolution progresses: focus on the end-user, take a global view of safety standards and regulation since equipment is sourced globally, and third, take an innovative and collaborative approach to addressing issues involving legacy systems.

In his article entitled ***Cap-and-Invest: Financing Canada's Energy Transition to a Low Carbon Economy***, **Jatin Nathwani** proposes a 'Cap and Invest' system as a means of adequately financing an effective response to the climate change challenge. A small levy on the economy-wide consumption of fossil fuels could provide capital on the scale needed to support the transition to a low-carbon economy, within the timeframes to which we aspire and have committed to. This approach would take account of both the limits of government's ability to re-direct existing budget allocations from current needs, and of the intergenerational nature of climate change burdens. A governance framework to ensure trust and prudence is also proposed.

The final article highlights the successful engagement of Aboriginal communities in renewable energy projects. **J P Gladu**, President and CEO, Canadian Council for Aboriginal Business address this very timely topic: ***A Success Story: Aboriginal Power and Renewable Energy***. He highlights the growing strength of Aboriginal partnerships with corporate Canada, noting in particular the important role of renewable energy projects in Aboriginal economies. He calls on industry and government to focus on relationship building with Aboriginal communities in the pursuit of an equitable and prosperous economic future.

The eighteen articles are listed below. They are now being compiled into an e-publication for ease of reference and convenient downloading.

We hope that you enjoy reading these articles and we welcome your feedback on the observations and forward-looking insights provided by Canada's energy leaders.

With best regards,

Graham Campbell
President
Energy Council of Canada

Energy in Canada @ 150 and Beyond Eighteen Articles by Canada's Energy Leaders

Foreword

Graham Campbell, President, Energy Council of Canada

[A National Energy Strategy: The Holy Grail of Canadian Public Policy](#)

Dr. Robert Skinner, President of KIMACAL Energy Strategies Ltd.

[A New Energy Future for Canada?](#)

Michael Cleland, Senior Fellow with the University of Ottawa's Positive Energy Project.

[Wind Energy's Coming of Age](#)

Robert Hornung, President, Canadian Wind Energy Association.

[Five Possibilities for Energy Technology](#)

John Barrett, President, Canadian Nuclear Association

John Stewart, Director of Policy and Research,

Canadian Nuclear Association

[Disruptor or Disrupted: Canada's Role in the Changing Global Energy Market](#)

Elyse Allan, President and CEO, GE Canada

[Canada's Future is Electric](#)

Canadian Council on Renewable Electricity

[Hydropower: Storied Past, Brilliant Future](#)

Canadian Hydropower Association

[Innovation and Energy Change](#)

Bob Hanf, Vice Chair, World Energy Council North America Region; Executive Vice President Stakeholder Relations & Regulatory Affairs, Emera

[Energy Past ≠ Energy Future](#)

Colin Andersen, Chair, Energy Council of Canada

[Mutually Assured Disruption: Change and Change alike in Canada's Electricity Sector](#)

Robyn Budd, KPMG, Senior Consultant, Global Infrastructure Advisory,

Ben Weir, Senior Policy Advisor, Ontario Ministry of Energy

[Energy Transition in Canada – A Chance to Come Together](#)

Arne Wohlschlegel, Vice President, Power & Gas, Siemens Canada

[Embracing the Excitement of Energy](#)

Al Monaco, President and CEO, Enbridge Inc. Recipient of the 2017 Canadian Energy Person of the Year Award

[Canada – Responsible Energy for the Globe](#)

Steve Williams, President and CEO, Suncor Energy Inc.

[Canada's Energy Story and Our Place in the World's Energy Future](#)

Tim McMillan, President and CEO, Canadian Association of Petroleum Producers

[The Power of Electrification](#)

David Collie, President and CEO, Electrical Safety Authority

[Cap-and-Invest: Financing Canada's](#)

[Energy Transition to a Low Carbon Economy](#)

Jatin Nathwani, Ontario Research Chair in Public Policy for Sustainable Energy, Executive Director, Waterloo Institute for Sustainable Energy, University of Waterloo

[A Success Story: Aboriginal Power and Renewable Energy.](#)

J P Gladu, President and CEO, Canadian Council for Aboriginal Business