

Draft Agenda: Fourth Annual National Energy Roundtable Conference

Tuesday, June 19th, The Design Exchange, 234 Bay Street, Toronto

- MC **tbc**
- 8:00 am Registration opens. Light breakfast served
- 8:30 am Welcome by **Monica Rovers**, Head of Energy, Toronto Stock Exchange
- 8:35 am **Energy Ministers panel**
- Interviewed by **Tom Clark**, Vice Chair, Global Public Affairs
- 9:15 am **Session I: The modern utility**
- 20% of Canada's energy needs are powered by electricity and complex work is ongoing with rate-focused regulators to spur innovation and growth. However, organic expansion can be challenging and larger utilities are seeking growth by swallowing up smaller companies outside their home regions. In so doing, utilities can gain a competitive edge through M&A but will have to convince regulators that the transactions will produce meaningful efficiencies and synergies that deliver benefits for ratepayers and investors, while improving transmission and distribution networks. The panel will explore key trends and developments underlying the electric and natural gas utility sectors, including drivers of M&A activity (and insights into what recent deals reveal about the future of the sector), transition and integration planning, helping to meet climate targets, supporting shifts in types of transport and in the development remote regions and cross border energy trade.
- **Brian Bentz**, President & CEO, Alectra Utilities
 - **Dr. Terry Harvill**, President, ITC Grid Development LLP
 - **Cynthia Hansen**, Executive Vice President, Utilities and Power Operations, Enbridge
 - **Ira Ehrenpreis**, General Partner, Technology Partners (Silicon Valley); Director, Tesla (tbc)
- Session chair: tbc
- 10:15 am Networking break
- 10:45 am **Dawn Farrell**, President & CEO, TransAlta
- 11:15 am **Session II: The innovation dividend: Navigating disruption in the power and utilities sectors**
- We live in an age of disruption — when new technology and behavioral shifts that would have seemed unimaginable even a few years ago are transforming the way we live. Surviving and thriving in a rapidly changing power and utilities sector isn't simply about the importance of demand and new fuel sources, or about regulatory or societal pressures. It's about envisioning different futures and then responding accordingly when disruptions have the potential to upend core beliefs. The increasing integration and evolution of cleantech and high tech solutions is creating rapidly growing markets for new products, from autonomous vehicles and energy storage to advanced buildings/cities to smart grids. The panel will examine how utilities and disrupters are addressing technical challenges and contributing to a lasting transformation of the energy sector.
- **Jan Teichmann**, Vice President, Global Markets, Fluence
 - **Maureen Daschuk**, Senior Vice President, Integration, BC Hydro
 - **Terry Young**, Vice President, Policy, Engagement & Innovation, Independent Electric System Operator
- Session chair: tbc
- 12:00 pm Luncheon with remarks by **speaker tbc**

1:30 pm Interview with **Jeffrey Lyash**, President & CEO, Ontario Power Generation

2:00 pm **Session III: The digital utility**

Digital technologies are set to make energy systems more connected, intelligent, efficient, reliable and sustainable, triggering new business models and regulatory frameworks. Data collection and exchange are growing exponentially, creating cyber security threats but also valuable opportunities. The competition for customers is shifting to the online channel; the Internet of Things promises new product and management options. Entrants from the digital economy are disrupting the industrial landscape, while governments and regulatory bodies seek to encourage smarter measuring systems and greener standards for generation and consumption. To thrive amid these challenges, today's utilities face a digital transformation of their organization and business. Panelists will discuss the industrial implications of the digital energy revolution, the new business models needed to make the best of it, and the policy frameworks required to facilitate all these developments.

- **Tony O'Hara**, Chief Technology Officer and Vice President, Engineering, NB Power
- Speakers tbc

Session chair: tbc

3:00 pm **Session IV: Consumer driven energy systems**

The electricity sector lags the progress that other sectors have made in customer engagement and the everyday use of advanced analytics to generate value from data. But change is coming quickly, and it's clear that the sector will look dramatically different in a decade or so. As utilities pursue these opportunities, the effects are already being felt by retail customers. Many utilities have launched mobile applications for bill notification, presentment, and payment, as well as for outage management. Mobile applications are extending into smart homes and connected buildings. The grid is evolving to integrate intermittent generation from the consumer. Gaining an understanding of consumer adoption of new technologies such as solar and electric vehicles is essential as these and other distributed energy resources introduce increased variability in the supply and demand relationship for energy. The panel will explore how to unlock technological benefits and encourage investment and innovation in areas that will forever change the way consumers use energy.

- **Dennis Fotinos**, Executive Chairman, Enwave Energy Corporation
- Speakers tbc

Session chair: tbc

4:00 pm Close by **Jason Langrish**, President, The Energy Roundtable