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CCRE

Annual Energy Leaders Roundtable

Hockley Valley Resort
Orangeville, Ontario



WELCOME

On behalf of the Council for Clean and Reliable Electricity and our partners, welcome to the First Annual Energy Leaders Roundtable.

The intent of this conference is to bring together leaders in the energy industry for discussions on issues that are important for today and tomorrow. There will be presentations at the beginning of each session but it is expected that the days' events will provide for lots of open discussion among the participants.

We are pleased to have such a high calibre of speakers and participants join in this effort and we look forward to stimulating outcomes from the various sessions that include: Perceptions, Trends and Media, Social License for Energy Infrastructure, The Role of Government, Inter-Regional Electricity Trade and Forces Affecting the Energy Sector in the Next Decade.

I would like to thank our partners for their support and participation: The Richard Ivey School of Business, the Waterloo Institute for Sustainable Energy, and Gowlings. Further thanks to the support of our sponsors the Power Workers Union and the Suncor Energy Foundation.

The Council is a group of volunteers who have worked in the energy sector and have an interest in promoting open debate about energy issues. We do not represent a particular interest group and attempt to bring together a broad range of stakeholders who share an interest in good public policy.

In particular I would like to thank Jan Carr for his leadership in making this roundtable possible.

Glen Wright
Chairman, Council for Clean and Reliable Electricity

A handwritten signature in black ink, appearing to read 'Glen Wright', is positioned above the printed name and title.

in partnership with

Richard Ivey School of Business
The University of Western Ontario

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AGENDA

WEDNESDAY APRIL 3

- 5:30pm **Reception** *Montclair Foyer*
- 6:30pm **Welcoming Remarks - Glen Wright**, Chair, CCRE
Speaker - David McFadden, Chair, International and Partner, Gowlings
- 7pm **Dinner** *Montclair Meeting Room D*

THURSDAY APRIL 4

- 7am **Breakfast Buffet** *Restaurant 85*
- 8am **Registration** *Aida Foyer and Meeting Room*
- 8:30am **Opening Keynote - Darrell Bricker**, CEO, Ipsos Public Affairs Worldwide
- 9am **Perceptions, Trends and Media**
Moderator: **Darrell Bricker**, CEO, Ipsos Public Affairs Worldwide
Panelists: **John Spears**, Business Reporter, Toronto Star
Terry Young, VP Corporate Relations, IESO

To what extent is energy policy determined by public perceptions? How closely do those perceptions reflect the realities of science and economics? This session explores the level of public awareness of energy matters and closing the gap between perception and reality.

- polling results and public opinions on energy policy
- the public mood on energy – growing engagement or tuning out?
- climate change, environment, rising prices – opinion trends
- the virtue premium – willingness to pay for green energy, non-nuclear, coal phase out
- popularity of different energy sources – wishful thinking and practical aspirations

10am **Break**

- 10:30am **Social License for Energy Infrastructure**
Moderator: **Sean Conway**, Chair, Ontario Centres of Excellence; Visiting Fellow, Ryerson University Centre for Urban Energy
Panelists: **Emay Cowx**, Principal, C2C Strategies
Clark Somerville, Councillor, Halton Region
Bill Taylor, Senior VP Eastern Power, TransCanada

How can we obtain social license to build necessary infrastructure given the complex trade-offs inherent in the energy sector? The session discusses how social science can contribute and the roles of energy regulators and policy makers in improving the quality of social license.

- social permission as the foundation for policy stability and robust approvals processes
- some perspectives of first nations – legal facts and practicalities
- evolving expectations, moving targets and the challenge of measuring success
- interaction of the physical, economic and social environments
- integrating social permissions in regulatory process – case studies
- adequacy of current decision making models

Noon **Working Lunch** *Aida Foyer*

1:30pm **Role of Government**

Moderator: **Robert Warren**, Partner, WeirFoulds

Panelists: **Michael Nobrega**, President & CEO, OMERS Administration Corporation

Murray Elston, former MPP and Cabinet Minister; former President & CEO, Canadian Nuclear Association

Guy Holburn, Director, Ivey Energy Policy and Management Centre; Suncor Chair in Energy Policy

What is the proper role of government in the energy sector? Using renewable energy as the focal point, this session will look at why governments intervene in the sector, how they do so, and the costs and benefits of their doing so.

- the central challenge – shifting the paradigm while maintaining economic rationality
- carrots and sticks – subsidizing consumption of renewable energy, subsidizing conservation, putting a price on carbon emissions
- prescribing approaches versus prescribing objectives – visible progress versus sustainable results
- competition and regulation – mixing and matching market drivers and policy and regulatory support
- regulatory models – using economic regulation processes to achieve non-economic policy objectives

3pm **Break**

3:30pm **Inter-Regional Electricity Trade**

Moderator: **Jatin Nathwani**, Executive Director, Waterloo Institute for Sustainable Energy

Panelists: **Ed Martin**, CEO, Nalcor

Mike King, SVP Energy, Environment, and Network Industries, NERA Economic Consulting

Richard Marceau, Provost, University of Ontario Institute of Technology; President, Canadian Academy of Engineering

There are compelling technical and economic reasons for interprovincial electricity trade but why are volumes so low compared to international trade? This session will examine the factors affecting electricity trade and discuss how it can be facilitated.

- potential economic significance of moving beyond provincial boundaries to a regional view of electricity
- constitutional, legal and political aspects of interprovincial trade – provincial and federal roles
- interprovincial trade in the context of international trade – the impacts of FERC reciprocity rules, public/private ownership interfaces, transmission access arrangements
- transmission connections – critical facilitator or justified by need?
- moving forward – increased federal role or individual provincial initiatives?

5pm **Break**

5:45pm Reconvene - *Montclair Meeting Room D*

6pm **Speaker - Mathew Coon Come**, Grand Chief, Grand Council of the Crees

6:30pm **Dinner**

FRIDAY APRIL 5

7am **Breakfast Buffet** *Restaurant 85*

8:15am Reconvene - *Aida Meeting Room*

8:30am **Forces Affecting the Energy Sector in the Next Decade**

Moderator: **Jan Carr**, Corporate Director and Advisor

Panelists: **Don MacKinnon**, President, Power Workers Union

Stephen Baker, President, Union Gas

Brent Gilmour, Executive Director, QUEST (Quality Urban Energy Systems for Tomorrow)

Murray Stewart, Chairman, Temporal Power; former President, Energy Council of Canada

Storm Purdy, Global Executive (Canada), GE Oil & Gas

The rapid fall in gas prices caused by the rise in shale gas production is just the most recent example of how unexpected events radically alter predictions of the energy future. This session discusses some other nascent forces and how they might affect the energy sector in the next decade.

- shale gas impacts on energy and electricity policy
- nuclear power – small scale modular, thorium cycles and spent fuel recycling
- coal renaissance – in-situ gasification, carbon capture and storage, CO2 and climate change decoupled
- energy storage – impacts of technology breakthrough increases practicality of intermittent renewables and electric transportation
- CO2 and climate change definitively coupled – pricing carbon and rebalancing energy sources

10:30am **Break**

11:15am **Roundtable Wrap-up**

Moderator Rapporteur: **Ian Mondrow**, Partner, Gowlings

What did we learn and what surprised us? This session will reflect on the discussions, building links, filling in gaps and making resolutions for the future.

Noon **Adjourn & Traveller's Lunch**

THE COUNCIL FOR CLEAN & RELIABLE ELECTRICITY

The Council is a federally incorporated non-profit organization that was formed to provide a platform for open public dialogue and a solutions-oriented approach to the challenges of the energy sector. It is a forum where representatives from universities, public and private sector business leaders, and strategic planning professionals collaborate to broaden the public debate on energy issues. The Council has organized conferences on distributed generation, biomass, coal, nuclear and public sector governance in the electricity sector.

IVEY ENERGY POLICY AND MANGEMENT CENTRE, IVEY BUSINESS SCHOOL, UNIVERSITY OF WESTERN ONTARIO

The Ivey Energy Policy and Management Centre is the centre of expertise at the Ivey Business School focused on national energy business issues and public policies. Its goals are to conduct and disseminate first class research on energy policy; and to promote informed debate on public policy in the sector through supporting conferences and workshops that bring together industry, government, academia and other stakeholders in a neutral forum. The Centre draws on leading edge research by Ivey faculty as well as by faculty within the broader Western University community.

THE WATERLOO INSTITUTE FOR SUSTAINABLE ENERGY

The Waterloo Institute for Sustainable Energy (WISE) was established at the University of Waterloo in 2008 and is the focal point at UW for research in sustainable energy studies. In collaboration with utilities, private sector partners, government agencies and civil society groups, the Institute's goal is to foster the development of innovative technologies and alternatives to existing energy production and delivery systems, and to promote energy efficiency and environmental sustainability.

The vision of WISE is to be recognized internationally as a centre of excellence in energy research and to contribute to the development of energy policies and strategies that enhance the social, economic, and environmental performance of energy systems. WISE emphasizes innovation as the key driver in the transformation of the global energy system. Our focus is on research initiatives that provide both timely solutions for the near term and shape the evolution of energy use over the longer term.