



A must-attend event for all stakeholders in Alberta's evolving electricity sector

October 1-2, 2019 | Hotel Arts | Calgary

7th Annual

Alberta Power Symposium

Discuss, collaborate and share strategies on the future of the power industry

Hear from Sector Leaders Including:



Jason Comandante
Capital Power



Timothy Boston
ENMAX



Warren Lasher
ERCOT Inc. (Electric Reliability Council of Texas)



Miranda Keating Erickson
Alberta Electricity System Operator



Horst Klinkenborg
Suncor Energy Marketing Inc.

With Participation from:



Learn the latest policies and direction from experts in the electricity sector

- **Evaluate options** for the electricity market and get up-to-speed on innovative technologies
- **Assess** opportunities for grid modernization and the future of the traditional utility business model
- **Gain** perspectives on the future of the electricity sector across Canada



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With new leadership in Alberta, many questions remain over the direction of the electricity sector. Ensure you are part of this important conversation as key stakeholders discuss what's next for this fluctuating industry.

CI Energy Group's **7th Annual Alberta Power Symposium** is your chance to get-up-to speed and learn the latest on new regulations, policies and programs, as Alberta works through the changes required to meet electricity demand and achieve a reliable supply at a reasonable cost.

Engage with government representatives, regulators, and industry, to share challenges, gain clarity, and uncover opportunities for growth. Evaluate available options and explore key issues revolving around **the direction of the market, renewable energy sources, electricity pricing, generation capacity, grid infrastructure and innovation** and much more.

Don't miss this opportunity to collaborate with the key participants who are charting the course for Alberta's power industry. We look forward to welcoming you in October.



Engage with experts in:

- » Power Generation
- » Renewables and Sustainability
- » System Operations
- » Energy Conservation
- » Corporate Affairs
- » Forecasting
- » Indigenous Affairs
- » Market Analysis
- » Market and Resource Development
- » Policy Advising
- » Regulatory Affairs
- » Stakeholder Relations
- » Strategic Planning

From:

- » Generation
- » Transmission
- » Utilities
- » Power Development
- » Regulation
- » Energy Consultancies
- » Energy Legal Practices
- » Technology Venture Organizations
- » Energy Industry Associations

Distinguished Speakers

CONFERENCE CO-CHAIRS

Jason Comandante
Vice President, Regulatory and Environmental Policy
Capital Power

Timothy Boston
Vice President Public Policy and Government Relations
ENMAX

FACULTY MEMBERS

Shaun Andrews
Director, Business Development Canada
Enel Green Power North America, Inc.

Chris Hunt
Executive Director and Advocate
Utilities Consumer Advocate

Evan Bahry
Executive Director
Independent Power Producers Society of Alberta (IPPSA)

David Johnson
Manager, Forecasting & Market Simulation
AESO

Dan Balaban
President and CEO
Greengate Power Corporation

Chris Joy
Vice President Business Operations, Power Supply
ENMAX

Vittoria Bellissimo
Executive Director
Industrial Power Consumers Association of Alberta (IPCAA)

Gordon Kaiser
CEO
Market Surveillance Administrator

Francis Bradley
CEO
Canadian Electricity Association

Horst Klinkenberg
Senior Regulatory Advisor
Suncor Energy Marketing Inc.

Josh Campbell
Vice President, Commodity Portfolio Management
Capital Power

Bruce Kolesnik
Senior Manager, Development
EDF Renewables Canada

Colette Chekerda
Executive Director
Alberta Direct Connect Consumers Association (ADC)

Doug Larder
General Counsel
Alberta Utilities Commission

Matthew Davis
Director Strategic Planning & Policy Generation, Electricity Global Business Unit
ATCO

Warren Lasher
Senior Director of System Planning
ERCOT Inc. (Electric Reliability Council of Texas)

Ryan Dick
Principal
Meridian Sustainability Partners

Richard Laszlo
Senior Associate
QUEST Canada

Miranda Keating Erickson
Vice President, Markets
Alberta Electricity System Operator

Devin McCarthy
Vice President – Energy, Federal
Sussex Strategy Group

David Ewing
Director, Sustainability & Indigenous Partnerships
Evolugen by Brookfield Renewable

Jana Mosley
Vice President – Planning, Projects and Field Operations
ENMAX

Darcy Fedorchuk
Vice President, Project Development
AltaLink

Njoroge Ngure
Portfolio Manager – Environmental and Renewables Trading
ATCO Electricity Global Business Unit

Breanne Fox
Director, Commercial Management
Capital Power

Lewis Percy
Masters Graduate, Energy and Environment Policy
New York University, Centre for Global Affairs

Bill Gilliland
Partner
Dentons Canada LLP

Corey Spencer
Senior Manager Thermal Operations
ATCO

Sara Hastings-Simon
Director, Business Renewables Centre Canada
Pembina Institute

Sharleen Traynor
Director, Operations
Balancing Pool

Kipp Horton
President & CEO
WindRiver Power Corporation

Ben York
Manager, DER Strategic Projects
Electric Power Research Institute (EPRI)

Chris Warwick
Mayor
Town of Hanna

Join the Conversation



@CL_Energy #ABPower



Energy, Oil & Gas Network

DAY 1 - MAIN CONFERENCE Tuesday, October 1, 2019

7:30 | Registration Opens and Refreshments are Available

8:30

Opening Remarks from the Conference Co-Chairs



Jason Comandante
Vice President, Regulatory and Environmental Policy
Capital Power



Timothy Boston
Vice President Public Policy and Government Relations
ENMAX

8:45

KEYNOTE PRESENTATION

Key Updates on Alberta's Electricity Market from the System Operator



Miranda Keating Erickson
Vice President, Markets
Alberta Electricity System Operator (AESO)

9:15

Anticipating Future Market Improvements in Alberta's Electricity Sector



Matthew Davis
Director Strategic Planning & Policy Generation, Electricity Global Business Unit
ATCO



Chris Joy
Vice President Business Operations, Power Supply
ENMAX



Jason Comandante
Vice President, Regulatory and Environmental Policy
Capital Power

- Discussing next steps for Alberta's electricity market based on plans from the provincial government
- Impact on industrial generators, consumers, regulators, ratepayers

10:00 | Networking Refreshment Break

10:15

Assessing the Future for Renewable Energy Development



Dan Balaban
President and CEO
Greengate Power Corporation



Shaun Andrews
Director, Business Development Canada
Enel Green Power North America, Inc.

- How has price discovery worked through REP (wind) and Alberta infrastructure (solar)?
- AESO rules for an energy-only market
- Managing subsidized resources within the market construct
- Assessing the future of REP
- How do renewables play in a merchant market?

11:15

SPECIAL ADDRESS Exploring a New Paradigm for Renewable Project Financing to Accelerate Renewable Energy Development



Sara Hastings-Simon
Director, Business Renewables Centre Canada
Pembina Institute



Bruce Kolesnik
Senior Manager, Development
EDF Renewables Canada

There is a growing trend in the United States for corporations and institutions (C&I) to purchase renewable energy directly from developers to meet sustainability targets and harness economic and strategic value. Canada has begun to explore this opportunity in Alberta providing attractive projects and electricity market frameworks as a hub for direct renewable energy procurement for non-utility buyers.

Content snapshot: This session shares insights on the growing trend of non-utility procurement from the Canadian perspective, explains how non-utility customers approach renewable energy procurement and what they specifically need, and explores avenues how the energy industry, energy end-users, policy makers, NGOs, and other stakeholders can work together to fuel C&I buyer interest and empower them to engage in direct renewable energy procurement.

12:00 | Networking Lunch for Delegates and Speakers

1:00

Harnessing the Economic Potential of Indigenous Power Project Partnerships – Panel/Case Study



Ryan Dick
Principal
Meridian Sustainability Partners



David Ewing
Director, Sustainability & Indigenous Partnerships
Evolgen by Brookfield Renewable

- Building successful partnerships and collaboration with consultation and early engagement with Indigenous communities
- Insight into the market realities, requirements for investment and infrastructure for indigenous communities
- Exploring financing challenges of Indigenous renewable projects



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2:00

Understanding the Implications of a Carbon Levy for Large Final Emitters



Njoroge Ngure
Portfolio Manager – Environmental and Renewables Trading
ATCO Electricity Global Business Unit

- Examining the specific objectives of a carbon levy on emissions and electricity generation
- Reviewing the latest policy guidelines for industrial emitters and strategies on emissions reduction

2:45

Balancing Pool – Then and Now



Sharleen Traynor
Director, Operations
Balancing Pool

A look back on the establishment of the Balancing Pool and its' role in the management of Power Purchase Agreements (PPAs) in Alberta including discussion about key milestones leading up to the expiry of the PPAs at the end of 2020.

3:05 | Networking Refreshment Break

3:20

Exploring Electricity Pricing for Industry and Consumers in an Evolving Market

Moderator:



Timothy Boston
Vice President Public Policy and Government Relations
ENMAX

Panelists:



Vittoria Bellissimo
Executive Director
Industrial Power Consumers Association of Alberta (IPCAA)



Evan Bahry
Executive Director
Independent Power Producers Society of Alberta (IPPSA)



Colette Chekerda
Executive Director
Alberta Direct Connect Consumers Association (ADC)



Horst Klinkenborg
Senior Regulatory Advisor
Suncor Energy Marketing Inc.

With the continuation of the energy-only market, will we achieve reliable supply at a reasonable cost?

- Achieving sustainable revenue for generators
- Implications of the energy-only power market on consumer prices
- Updates on transmission tariff design
- Power price forecast – what are the drivers in the short and long term?
- Modernization of the grid and impact on power prices

4:20

PANEL Crystal Ball Gazing – The Near-Term Future of the Power Sector in Canada

Moderator:



Devin McCarthy
Vice President – Energy, Federal
Sussex Strategy Group

Panelists:



Timothy Boston
Vice President Public Policy and
Government Relations
ENMAX



Matthew Davis
Director Strategic Planning & Policy
Generation, Electricity Global
Business Unit
ATCO

- Big picture energy perspective – what is expected post federal election?
- Road map for the next 5-10 years

5:00 | Closing Remarks from the Conference Co-Chairs and Day 1 Adjourns

**DAY 2 - MAIN CONFERENCE
Wednesday, October 2, 2019**

8:00 | Registration and Refreshments are Available

8:30

Opening Remarks from the Conference Co-Chairs

8:35

KEYNOTE Earning and Maintaining a Social License to Operate: Ensuring a Future for Our Modern Electricity Company



Francis Bradley
President & CEO
Canadian Electricity Association

9:00

INNOVATION PANEL Utility 2.0 – Planning for Grid Disruption and the Grid of the Future

Moderator:

Josh Campbell
Vice President,
Commodity Portfolio Management
Capital Power

Panelists:



Darcy Fedorchuk
Vice President, Project Development
AltaLink



Richard Laszlo
Senior Associate
QUEST Canada



Jana Mosley
Vice President – Planning, Projects
and Field Operations
ENMAX

Reduced demand, aging infrastructure and the growth of DER is changing electricity markets and challenging the traditional utility business model

- Modernization of grid and impact on power prices
- How is the growing data tsunami shaping the traditional utility business model?
- What challenges are utility companies facing and what are the opportunities for a distributed energy grid?

9:45

The Integrated Grid – International Perspectives



Ben York
Manager, DER Strategic Projects
Electric Power Research Institute
(EPRI)

- Reviewing the integrated grid
- Assessing current opportunities and existing challenges
- International perspectives and experiences

10:15 | Networking Refreshment Break

10:30

Perspectives from Across the Border



Warren Lasher
Senior Director of System Planning
ERCOT Inc. (Electric Reliability
Council of Texas)

- Assessing the challenges and successes of the deregulated market in Texas, as the only state using an 'energy-only' market model
- What can be learned from implementation challenges elsewhere in the 'capacity versus electricity only market'?

11:15

Transitioning from Coal Generation to Cleaner Energy



Bill Gilliland
Partner
Dentons Canada LLP

Panelists:



Breanne Fox
Director, Commercial Management
Capital Power



Corey Spencer
Senior Manager Thermal Operations
ATCO



David Johnson
Manager, Forecasting &
Market Simulation
AESO



Lewis Percy
Masters Graduate, Energy and
Environment Policy
New York University,
Centre for Global Affairs

- Expected timelines for the closure of Alberta's coal generating plants
- Implications for industry stakeholders and the challenges involved in alternate energy targets
- Industry stakeholder responses to the challenges involved in alternate energy targets

12:00

Impacts and Opportunities from the Transition Away from Coal at the Sheerness Coal Generating Station – A Community Perspective



Chris Warwick
Mayor
Town of Hanna

- Implications of the closure of coal plant to the local community and economy
- Workforce retraining strategies

12:30 | Networking Lunch for Delegates and Speakers

1:30

A Game Changer: The Increasing Role of Energy Storage



Kipp Horton
President & CEO
WindRiver Power Corporation

- The latest on energy storage and dispatchable renewables as the province transitions towards 30 percent renewables by 2030, and if they are needed, how they should be procured
- Exploring the current storage options and the latest technologies
- Case Study – Canyon Creek Pumped Hydro Energy Storage – the first pumped and large-scale energy storage project to be approved in Alberta

2:15

The Role of the Electricity Agency – Aligning Policy and Mandates



Chris Hunt
Executive Director and Advocate
Utilities Consumer Advocate



Gordon Kaiser
CEO
Market Surveillance Administrator
(MSA)



Doug Larder
General Counsel
Alberta Utilities Commission

This panel will look at Alberta's electricity agencies and discuss the roles and mandates. How should the agencies be set up, how can they contribute to an efficient regulatory process, timely decisions and investor confidence? What is required for the success of the market?

3:00 | Closing Remarks from the Conference Co-Chairs and Conference Concludes

Join the Conversation

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Electricity
Association

Association
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The Canadian Electricity Association (CEA) is the national voice for safe, secure and sustainable electricity for all Canadians. CEA is proud to represent the companies that generate, transmit and distribute electricity, as well as the manufacturers and suppliers that keep the system on which Canadians rely every day running smoothly. www.electricity.ca



Decentralised Energy Canada (DEC) is a registered, national, non-profit industry association dedicated to the development of safe, affordable, and reliable decentralised energy. We have built Canada's most extensive multi-stakeholder network. Our primary service supports community energy project developers by providing networking opportunities for potential project partners and by providing third party technical, economic and environmental reviews. We build the competitive advantages of our members by supporting the commercialisation of Decentralised Energy technologies, bringing policy issues to the table, attracting capital and new entrants to this key industry sector. www.deassociation.ca



IPCAA is an association representing large industrial customers from key industries, including Oil & Gas, Pipelines, Petrochemicals, Agriculture and Steel. Our mission is to take a leadership role in ensuring that a competitive marketplace exists for electrical services. www.ipcaa.ca

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7th Annual

Alberta Power Symposium

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The Canadian Institute
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Toronto, Ontario M5R 2C4

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*A must-attend event for all stakeholders
in Alberta's evolving electricity sector*

2019 Co-Chairs



Jason Comandante
Vice President, Regulatory
and Environmental Policy
Capital Power



Tim Boston
Vice President Public
Policy and Government
Relations
ENMAX

Top Reasons to Attend

- 1** Hear from top organizations including **Capital Power, ENMAX, ATCO, First Nations Power Authority, Canadian Electricity Association, EPRI, Electric Reliability Council of Texas** and many more
- 2** Learn about new policies, strategies and the latest plans for Alberta's power sector
- 3** Gain insight on electricity pricing and the potential for reliable supply at a reasonable cost
- 4** Discover how other jurisdictions have responded to the challenges of capacity versus energy only markets
- 5** Network with a cross-section of key players from generation, transmission, utilities, regulators, and industry associations across Alberta and beyond