

September 30 & October 1, 2020  Virtual Conference

# 8<sup>th</sup> Annual Alberta Power SYMPOSIUM

*Serving the customer amid regulatory changes  
and economic uncertainty*



**Breanne Fox**  
Director, Commercial Management  
**Capital Power**



**Dale Nally**  
Associate Minister of Natural Gas  
and Electricity  
**Government of Alberta**



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



**Sharleen Gatcha**  
Director Operations  
**Balancing Pool**



**Corry Poole**  
Vice-President Customer Experience  
**ENMAX**



**Noel Voykin**  
President and CEO  
**Northwest Territories Power Corporation (NTPC)**

## With Participation From:



## New for 2020!

- **Live Polling Panel:** Practical Analysis Energy-Only Market
- **Interactive Attendee Round Table Discussions on COVID-19:** from securing investments to implementing emerging policy
- **Panel: Power Visionaries and the Future of the Power Sector in Canada:** analyzing where the power sector is headed and the challenges ahead
- **New Technologies:** A Look at Integration Opportunities for Demand Side Management

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**The electricity sector is focused on serving the consumer amid regulatory changes and economic uncertainty.** As the COVID-19 pandemic brought the world to a standstill, and many companies turned off the lights, it also ushered in regulatory policies to protect consumers. It brought about government funding for power, construction and infrastructure industries to stimulate the economy. Providers are now viewing consumer usage with renewed interest, questioning how to implement new policies, and discussing where to find the bright lights in the energy sector. Do you have the policies in place to best serve the customer amid regulatory change?

CI Energy Group's 8th Annual **Alberta Power Symposium** will spark the conversation on consumer behaviour, competition in the energy market, advances in technology, and how to effectively work within current regulatory policies. Join us as we also address the risk-versus-reward dilemma as we all look to the future for opportunities. Key sessions around these themes include:

- » **Relief to Recovery – Investing in Alberta's Energy Sector**
- » **Proposed Changes to the Energy-Only Market**
- » **Implementing a 90-Day Deferred Payment Program**
- » **Achieving Net Zero: The Renewable Electricity Act and Action Items to Hit Emissions Targets**
- » **Demand Side Management and the Evolution of Distribution Systems**

Join us for two days of sharing and learning of key issues revolving around alternative energy sources, grid infrastructure, disruption and innovation, clean energy generation, transmission and distribution.

Don't miss this opportunity to engage with the people charting the course for Alberta's power sector. We look forward to welcoming you in September!

## Distinguished Faculty

### CONFERENCE CO-CHAIRS



**Breanne Fox**  
Director, Commercial  
Management  
**Capital Power**



**Sharleen Gatcha**  
Director Operations  
**Balancing Pool**



**Cara Clairman**  
President and CEO  
**Plug'n Drive**



**Bill Gilliland**  
Partner  
**Dentons**

**John Gorman**  
President and CEO  
**Canadian Nuclear  
Association (CNA)**



**Mark McGranaghan**  
Vice President  
of Innovation  
**Electric Power Research  
Institute (EPRI)**



**Dale Nally**  
Associate Minister of  
Natural Gas and Electricity  
**Government of Alberta**



**Keyes Niemer, Ph.D., P.E.**  
Project Manager,  
Small Modular Reactor  
Deployment I Science &  
Technology  
**Canadian Nuclear  
Laboratories (CNL)**



**Joanna Osawe**  
President & CEO  
**WiRE - Women in  
Renewable Energy**  
Global Business  
Development Manager,  
Major Projects  
**DMC Power**



**Corry Poole**  
Vice-President Customer  
Experience  
**ENMAX**



**Michael Powell**  
Director of  
Government Relations  
**Canadian Electricity  
Association**



**Jesse Row**  
Vice President, Corporate  
Performance  
**Energy Efficiency Alberta**



**Ayesha Sabouba**  
Director –  
Transmission Engineering  
**Hydro One**



**Blake Shaffer**  
Assistant Professor,  
Economics and  
Public Policy  
**University of Calgary**



**Shanelle Sinclair**  
Manager, Regulatory  
**Heartland Generation Ltd.**



**Benjamin Thibault**  
Executive Director  
**Solar Alberta**



**Eric Timmins**  
Senior Lead,  
Community Resilience  
**Quest**



**Brian Vaasjo**  
President and CEO  
**Capital Power**



**Noel Voykin**  
President and CEO  
**Northwest Territories  
Power Corporation  
(NTPC)**



**Evan Wilson**  
Prairies Director  
**Canadian Wind  
Energy Association**

### FACULTY



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



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



**Dan Balaban**  
President & CEO  
**Greengate Power  
Corporation**



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



**Diane Cameron**  
Director,  
Nuclear Energy Division  
**Natural Resources  
Canada**



**Sarah Griffiths**  
Regulatory Affairs  
**Enel X**



**Sara Hastings-Simon**  
Research Fellow,  
School of Public Policy  
**University of Calgary**



**Darren Huculak**  
Manager, Business  
Development  
**First Nations Power  
Authority**



**Binu Jeyakumar**  
Director, Clean Energy  
**Pembina Institute**



**Dr. Lawrence E. Jones**  
Vice President,  
International Programs  
**Edison Electric Institute  
(EEI)**



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

# WHO YOU WILL MEET

## 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

## DAY 1

**Wednesday, September 30, 2020**

» All conference times are **Mountain Daylight Time**

8:30


### Opening Remarks from the Conference Co-Chairs

 Sharleen Gatcha, Director Operations, **Balancing Pool**

Breanne Fox, Director, Commercial Management,  
**Capital Power**

8:45


### KEYNOTE ADDRESS: Relief to Recovery: The Role of Alberta's Electricity Sector

 Dale Nally, Associate Minister of Natural Gas and Electricity,  
**Government of Alberta**

An overview of the role Alberta's electricity sector played in supporting Albertans during the peak of the COVID-19 pandemic, and how the government will continue to work with the power sector through the province's economic recovery.

9:15

### Floor to Ceiling: Proposed Changes to the Energy-Only Market

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

Shanelle Sinclair, Manager, Regulatory,  
**Heartland Generation Ltd.**

- Prioritizing recommendation from the AESO 2020 plan for Market Related Initiatives including:
  - » Evaluating changes to the price floor/ceiling and shortage pricing
  - » Guidance on market power mitigation
  - » Assessing current regulatory challenges
- How is the price cap/floor and market mitigation post PPA impacting Alberta's power producers and consumers?
- How will federal policies such as pipeline development, project approvals and emissions policy impact Alberta?




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9:55

### LIVE POLLING PANEL: Practical Analysis Energy-Only Market

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

Shanelle Sinclair, Manager, Regulatory,  
**Heartland Generation Ltd.**

Join this new session for 2020, where delegates will ask questions anonymously through online polling.

10:15 Break

10:30

### Buy Now, Pay Later? How to Implement a 90-Day Deferred Payment Program

 Corry Poole, Vice-President Customer Experience, **ENMAX**

Ayesha Sabouba, Director – Transmission Engineering,  
**Hydro One**


**MODERATOR:** Joanna Osawe, President & CEO, **WiRE - Women in Renewable Energy**, Global Business Development Manager, Major Projects, **DMC Power**

The Alberta Government announced utilities consumers would be given the option to defer their payments due to the financial pressures brought about by the COVID-19 pandemic, taking effect from March 18 to June 18, 2020. How has the industry responded to this unprecedented direction?

- Adjusting the current regulatory framework to adapt to the program
- Determining the threshold for "financial hardship" eligibility and case-by-case scenarios
- Communicating with consumers – what is customer service saying to the consumer?
- Effectively dealing with non-payment follow the deferral period

11:30

### PANEL: Achieving Net Zero: The Renewable Electricity Act and What to Do Now to Hit Emissions Targets

 Sara Hastings-Simon, Research Fellow, School of Public Policy,  
**University of Calgary**

Binnu Jeyakumar, Director, Clean Energy, **Pembina Institute**

Eric Timmins, Senior Lead, Community Resilience, **Quest**



Benjamin Thibault, Executive Director, **Solar Alberta**

Evan Wilson, Prairies Director, **Canadian Wind Energy Association**

The *Renewable Electricity Act* outlines a commitment increasing the amount of green energy produced in the province, including a legislated target of 30 per cent renewable electricity by 2030. Hear expert speakers discuss practical approaches to implement new initiatives and hit these targets.

- Steps and timelines to a net-zero economy by 2050, including constraints, limitations, and long-term system-level planning
- Meeting potential demand growth and what is driving future growth, from CO2 to ESG and investors
- What are the expected future changes to the market?

12:30 Lunch Break

1:30

## INTERACTIVE ATTENDEE ROUNDTABLE DISCUSSION: The Low Down on Low Demand During the Covid-19 Pandemic

 Michael Powell, Director Of Government Relations,  
**Canadian Electricity Association**

Blake Shaffer, Assistant Professor, Economics and  
Public Policy, **University of Calgary**

Hear experts give a brief synopsis of how the Covid-19 pandemic has affected the industry during this lightning-round panel. Then, it's time to get out your seats. Delegates will have the opportunity to participate in several interactive discussion tables taking place simulations. Your opportunity to drive the conversation and ask the questions most pertinent to your workplace. Choose one table for an in-depth discussion or participate in each discussion by rotation.

**TABLE ONE:** Securing investments amid uncertainty


**TABLE TWO:** Calculating the short- and long-term effects of  
low demand and low revenue

**TABLE THREE:** Policy in action and anticipated updates

3:00 Break

3:15

## CASE STUDY: Keeping the Northern Lights On

 Noel Voykin, President and CEO, **Northwest Territories Power Corporation (NTPC)**

In March 2020, the Northwestern Territories Power Corporation (NTPC) signed a mutual aid agreement with the Canadian Electricity Association (CEA) to maintain electricity service throughout the Covid-19 pandemic.

- Evaluating options to ensure continued service to the customer base when disruption is imminent
- Striking the right agreement with partners amid a global crisis

4:00

## KEYNOTE ADDRESS: The Future of Decarbonization

 Brian Vaasjo, President and CEO, **Capital Power**

Join us to learn from this industry expert and gain insights on the technology advancements and fuel supply mix that will transform power generation to support a low-carbon future

4:30

Closing Remarks from the Conference Co-Chair and Day 1 Adjourns


DAY 2

Thursday, October 1, 2020

» All conference times are **Mountain Daylight Time**

8:00

## RISE 'N' SHINE: Developing Mutually Beneficial Indigenous Partnerships in Energy

 Darren Huculak, Manager, Business Development, **First Nations Power Authority**

Join this earlier morning interactive discussion into the inner workings of partnerships from handshakes to contracts.

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

9:30

## Opening Remarks from the Conference Co-Chairs

9:45

## KEYNOTE

10:15

## Demand Side Management and the Evolution of Distribution Systems – A Look at Integration Opportunities for New Technologies

 Cara Clairman, President and CEO, **Plug'n Drive**

Sarah Griffiths, Regulatory Affairs, **Enel X**

Jesse Row, Vice President, Corporate Performance,  
**Energy Efficiency Alberta**

The electricity sector is entering a period of rapid change. Increasing uptake of new technologies from renewable energy and electric vehicles to energy storage and advanced control systems will result in electricity systems that are increasingly complex and dynamic over the coming decades. This presents both challenges and opportunities for cost-effective delivery of electricity services to customers and will ultimately impact the economic competitiveness of a jurisdiction. Demand-side management, which includes both energy efficiency and demand response, can play an important role in cost-effective grid management into the future. This presentation will explore the opportunities and benefits of increased use of demand-side management within Alberta's electricity system.

11:00 Break

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## How to Implement Transition Finance Strategies amid the Alberta Power Market Transition

 Bill Gilliland, Partner, **Dentons**

The CSA Group has been working to create a Canadian national standard for Transition Finance, following the recommendations of the 2019 Canada Expert Panel on Sustainable Finance. This session will look at existing global green financing frameworks including the EU taxonomy and the Green Bond Principles and address domestic ways forward.

- What is transition finance?
- How to take advantage of transition finance and understanding the protocols involved
- Assessing the value of transition finance to the Alberta power industry
- Transitioning the Alberta power market
- Using transition finance to attract capital in a world of heightened ESG concerns

11:45

## Navigating the Changing Dynamics of Renewable Energy

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

- Assessing the growth in smaller industrial facilities, co-gen, small-scale roof-top solar

12:30 Lunch Break

1:30

## Developing Energy Storage Solutions

- Exploring the current storage options and the latest technologies
- The latest on energy storage and dispatchable renewables as the province transitions towards 30 per cent renewables by 2030, and if they are needed, how they should be procured

2:15

## Creating a Pathway to Decarbonization – Exploring Small Modular Reactors

 Diane Cameron, Director, Nuclear Energy Division, **Natural Resources Canada**

John Gorman, President and CEO, **Canadian Nuclear Association (CNA)**

Keyes Niemer, Ph.D., P.E., Project Manager, Small Modular Reactor Deployment I Science & Technology, **Canadian Nuclear Laboratories (CNL)**


- Assessing the potential for the development of small modular reactors as part of the power generation supply mix
- Practical ways to project for costs and timing of a project



3:00 Break

3:15

## PANEL: Power Visionaries and the Future of the Power Sector in Canada

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

Dan Balaban, President & CEO, **Greengate Power Corporation**

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

Dr. Lawrence E. Jones, Vice President, International Programs, **Edison Electric Institute (EEI)**

Mark McGranaghan, Vice President of Innovation, **Electric Power Research Institute (EPRI)**

- Discussion of where the power sector is going and the shifts that lie ahead
- The role of renewable energy and fossil fuels and options for resource adequacy
- What is the anticipated pace of electrification?
- The need for further regulatory modernization

4:15

Closing Remarks from the Conference Co-Chairs and Conference Concludes

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**Decentralised Energy Canada (DEC)** is a national industry association dedicated to the appropriate development of decentralised energy. We provide a network pathway for startups, entrepreneurs, corporations, and market leaders to work together in the most efficient and productive way. DEC is Canada's market access hub for the decentralised energy sector and provides training for those seeking to develop onsite energy solutions. DEC members include many of Canada's leading experts in market intelligence and system design. [www.deassociation.ca](http://www.deassociation.ca)



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# Meeting Your Needs in Challenging Times

As the current global situation continues to unfold, we understand that it may not be possible to attend our events in person.

At the same time, we also understand that collaboration is more vital than ever and for that, you can still rely on CI to bring the industry together *but* in a different way. We are transforming quickly to ensure you can now connect virtually and continue to gain unparalleled access to market leading intelligence and to the facilitation of a global exchange of expertise. Our new virtual events continue to be guided by our unifying philosophy: we believe that growth and success occurs when the power of people and the power of information come together. We may not be able to gather in person, but nothing stops connection and innovation.



## Virtual Conference

Our virtual conferences are the same conferences you have come to expect in person but transformed to a virtual format. The new virtual conference delivers the same access to a community of industry leaders we have spent decades building and nurturing. We invite you to be part of this community.



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