The Inflection Point
31st Annual Canadian Power Conference & Networking Centre
Westin Harbour Castle, Toronto
November 21 & 22

Conference Brochure and Advance Program
Across the world the power grid is entering a period of major upheaval. Many believe the system is approaching a critical turning point in terms of massive electrification, the integration of vastly increased numbers of players, a shift in focus towards the grid edge, de-carbonization, the widespread deployment of game-changing storage, responsive energy management technology, digitization, sharing technology, new approaches for ensuring resource adequacy, and more.

How rapidly will these changes take place, how will they interact, and how to prepare for them? These are the opening questions for APPrO 2019. There’s little doubt that the future belongs to those who can see the inflection points ahead and put in place the necessary strategies to embrace them.

Join hundreds of your industry colleagues to hear the latest on policy directions, business strategies, regulatory intentions, and partnership opportunities from respected industry experts. Whether you’re in generation, storage, transmission, distribution or energy management, or provide equipment or services to any part of the power industry — you’ll want to be part of APPrO 2019, the 31st Annual Canadian Power Conference and Networking Centre on November 21 & 22 at the Westin Harbour Castle Conference Centre in Toronto!

Don’t miss the Canadian power industry’s leading event!

APPrO is such a professionally run and well thought out conference - it is outstanding every year - fantastic range of topics!

— Jim Redford, Vice President, Business Development, Storage and Transmission, Union Gas
Who Attends the APPrO Conference?

APPrO 2019 will host the key players from the leading-edge companies in Ontario's electricity sector. There is no other event in Canada that provides such a diverse and high-quality audience — in one place at one time — across the full spectrum of power supply technologies.

Attending the Canadian Power Conference is key to getting the pulse of the Ontario power market.

At APPrO you will hear from the most expert and thoughtful speakers, while making connections with important industry people who can help move your business forward. It’s also the best place to re-connect with colleagues and clients across the spectrum of the generation industry. By far it’s one of the leading industry events of its kind.”

— Benjamin Grunfeld, Managing Director, Navigant
All sessions take place in the Frontenac Ballroom unless otherwise noted.

Thursday, November 21

Electronic polls on policy priorities and participant views, such as:

a) The anticipated pace of electrification
b) The need for further regulatory modernization
c) The need for further options on resource adequacy
d) Is it possible that DERs could grow too rapidly, assuming there are no subsidies?
e) Other questions that arise during discussions

8:00 am Daybreak Coffee
Hosted by Sussex Strategy Group

Opening remarks by the APPrO 2019 Conference Chair
Stephen Somerville, H2O Power

8:30 am Opening Keynote
How industry is harnessing the power of new technology
Neva Espinoza, Director, Enabling Technologies and Advanced Generation, EPRI, Electric Power Research Institute

9:00 am Where proactive market participants can be expected to go next
Michael Legatt, ResilientGrid, Inc.
Jack Simpson, Ontario Power Generation, SMRs and new business initiatives
Joshua Wong, Opus One Solutions: “Open source, cloud-based integrated distribution planning – Why its time has come”
Anouk Kendall, Decentralized Energy Canada
Frederick Morency, Vice President, Services Canada, Schneider Electric
Paul Murphy, Advanced Energy Centre, MaRS, Moderator

Opening plenary sponsor: Schneider Electric Canada Inc.

10:00 am Networking Break
Hosted by CES – Customized Energy Solutions

10:30 am The Planning Outlook – Challenges and opportunities
Chuck Farmer, Director of Resource Planning, IESO

10:50 am Ontario nuclear refurbishments – progress and prognosis
Jeff Richardson, Senior Vice-President of Nuclear Projects, Ontario Power Generation Inc. (OPG).
Session Sponsor: Ontario Power Generation

11:10 am Views from the development industry
What are the top policy priorities as seen by representatives of the development industry, considering the Planning Outlook and recent changes in markets, regulation and policy?
Moderator: Shane Freitag, BLG Canada
Evan Bahry, Independent Power Producers Society of Alberta
Dave Butters, Association of Power Producers of Ontario

12:00 Lunch in the Power Networking Centre

1:00 pm Rethinking Regulation
Seasoned emeriti of energy tackle the challenging issues of the day:
1. What new technologies will drive energy regulation in the future?
2. What should be regulated? What should not?
3. Do regulators have a role in promoting new technology? If so what is it?
4. What technologies should electricity distributors have in their rate base next year?
5. What should we call electric distributors in the future?
Gordon Kaiser, CEO of the Alberta Market Surveillance Administrator and former Vice Chair of the Ontario Energy Board
Bob Dodds, Vice Chair, Ontario Energy Board (invited)
Ahmad Faruqui, The Brattle Group
Moderator: Ian Mondrow, Gowling WLG

2:15 pm Networking Break
Hosted by the Canadian Association of Petroleum Producers
2:30 pm Keynote with Peter Gregg, CEO, IESO
Followed by Q&A with moderator: What is the full range of viable resource adequacy options?
Cliff Hamal, Ankura
Pelino Colaiacovo, Morrison Park Advisors
Jon Norman, Hydrostor Inc.
Moderator: Jason Chee-Aloy, Power Advisory LLC

3:30 pm Networking Break

3:45 pm The role of gas-fired power in a rapidly changing market
A leading analyst overviews market opportunities and Ontario power producers outline their current thinking on why thermal power generation is attractive as part of their respective corporate strategies.
Joshua McCall, Fundamental Analytics Director, BP
North America Gas and Power: The state of the market: Natural gas supply and deliverability for electric grid services
Chris Fralick, Chief Operating Officer, Renewable Generation, OPG
John Windsor, VP, Energy Marketing & Asset Management, Northland Power
Kelly S. Lail, VP, Business Development & Commercial, Capital Power Corporation
Jim Redford, VP, Energy Services, Enbridge Gas: The role of gas in the power system 2025 – 2035
Moderator: Rob Blackstein, BLG Canada
Session Sponsor: Enbridge Gas Inc.

5:00 pm Reception
Hosted by TC Energy

6:00 pm Banquet Dinner
Co-hosted by Borden Ladner Gervais and Northland Power
Banquet speech by APPrO President Dave Butters
Keynote speech by the Hon. Greg Rickford
Minister of Energy, Northern Development and Mines and Minister of Indigenous Affairs

Friday, November 22

8:45 am The Market Renewal Design Process
Leonard Kula, VP of Planning, Acquisition and Operations and Chief Operating Officer, IESO: Energy Stream: Day Ahead Market and ERUC; Capacity Stream and the Transitional Capacity Auction
Panel of commentators
Margaret Kuntz, TC Energy
Sarah Griffiths, Enel X and AEMA
Teresa Sarkesian, President and CEO, Electricity Distributors Association
Moderator: Glenn Zacher, Stikeman Elliott LLP

10:00 am Networking Break

10:30 am The Political Outlook
Opening presentation on the results of recent public opinion research
Greg Lyle, Innovative Research Group Inc.
Panelists
Mitchell Davidson, Executive Director, StrategyCorp, and former head of policy for Premier Doug Ford
Brad Lavigne, Counsel Public Affairs
Matthew Gibson, Sussex Strategy Group
Dan Moulton, Crestview Strategy
Moderator: Mike Richmond, McMillan LLP

All program details are subject to change without notice. Check program updates: bit.ly/appro2019_current
12:00 noon  Lunch

1:00 pm  Keynote: Moving beyond polarization – The future of energy in Canada
Featuring Dan Balaban, CEO of Greengate Power
- Renewable energy and fossil fuels: it’s not an either/or decision
- The age of subsidy-free, market-based renewables has arrived
- Financing models suited for the age of market based renewables
- The power of Virtual Reality to bridge the knowledge gap

1:30 pm  Visionaries and innovators – How they are remaking the power system
Where is the power sector going?
1. Potential shifts ahead in the relationship between the electricity, gas, telecommunication and security grids
2. To what extent can grid operators rely on customers for reliability and flexibility?

3. Where can the appeal of new business models overcome the cost of transition?
Cara Clairman, Plug N Drive
Vikram Singh, Head of Utility Partnerships, Microsoft Canada
Ron Dizy, Spark Power: “What our customers are telling us”
Kathleen Kauth, Peak Power
Moderator: Glen Spry, Energy markets specialist

Results of Slido polls on:
a) The anticipated pace of electrification
b) The need for further regulatory modernization
c) The need for further options on resource adequacy
d) As long as there are no systematic subsidies to DERs, what would constitute too much too fast, for DERs in Ontario?
e) Other questions that arise during discussions

2:30 pm  Conclusion

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— Benjamin Grunfeld, Managing Director, Navigant

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— Jim Redford, Vice President, Energy Services, Enbridge Gas Inc.

APPrO’s sponsorship offerings are designed to create a synergy between your company and APPrO’s audience. Whether you are launching a new brand, building awareness, or promoting specific products or services we will provide you with solutions that work for any budget and strategy. Contact carole.kielly@appro.org for more information or check out available options: bit.ly/appro2019_sponsorship
The DER Ecosystem
Ontario symposium on enabling the future

Thursday, November 21

1:30 pm  What is likely to keep innovation and development moving forward?
Alif Gilani, Siemens Canada Limited
Kaliyur Sridharan, Schneider Electric Canada
Johnathon de Villier, Navigant Research: “Overview of energy specific blockchain applications with commercial promise”
Moderator: Jeff Mocha, Oakville Enterprises

3:00 pm  Networking break

3:30 pm  Revelations from recent deployments
Case studies
Fernando Carou, City of Toronto
Tilo McAlister, T&T Power Group
Jan Buijk, AB Energy
Stephen Costello, CIMA (invited): The North Bay Micro-grid
Moderator: Richard Laszlo, QUEST CHP Consortium

Friday, November 22, 2019

9:15 am  Developing the Local Electricity Market in York Region
Neetika Sathe, VP, GRE&T Centre, Alectra Utilities
Katherine Sparkes, Director of Innovation, Research and Development, IESO

9:45 am  Advocacy priorities for DER development
“What the associations need to do, to clear the path for DERs”
Jan Buijk, EPS AB
Jason Moretto, Envest
Shuvo Chowdhury, AMP
Other DER project proponents, TBA
Moderator: Jim MacDougall, Compass Renewable Energy Consulting

11:30 am  Conference Conclusion
A co-presentation of APPrO and QUEST. This event is also a meeting of the QUEST DER Working Group.

To register for the DER Conference only, click here. Preferential rates are available for DER project proponents.

Current list of APPrO 2019 Power Networking Tabletop Sponsors
AB Energy Canada Ltd.
EHRC – Electricity Human Resources Canada
Envirolin Canada
Fasken in association with DeMarco Allan
Greengate Power
WiRE – Women in Renewable Energy
Some locations are still available – contact carole.kielly@appro.org for more details

Coming to the APPrO 2019 Power Networking Centre:

Virtual Reality of Utility-Scale Wind and Solar!
“Greengate has now built the world’s first VR experience of renewable energy at utility scale. It’s as good as being there.”
— Dan Balaban, President and CEO, Greengate Power
JOIN THE CONVERSATION
In advance of APPrO 2019, participate in developing the program that you want to see! Use APPrO’s PowerTopic suggestion tool to submit suggestions for topics, speakers and vote on others’ suggestions!

Take advantage of the APPrO PowerConnect conference web app to check details, presentations, bios and connect with other delegates and speakers before, during and after the event.

Onsite at APPrO 2019 join in the discussion by connecting to the interactive app, SLIDO. Pose your questions and vote on the most pertinent.

CONNECTIVITY
Connect to our complimentary global WIFI and follow us on social media @APPrOntario and #APPrO2019.

Wifi details tba – check your Power Networking Guide onsite

BE COUNTED
APPrO members are invited to attend the AGM on November 21 at 12:00 p.m. in the Bay Room, adjacent to the Power Networking Centre (Frontenac Foyer). Get updated on APPrO’s activities in 2019 and participate in the 2019 Board elections.

Become a member. Reach us at the contact details listed below.

FOLLOW THE ACTION
Registration - Frontenac Ballroom (Thursday, Friday) turn left as you get off the escalator)
Plenaries (Thursday, Friday) - Frontenac Ballroom (straight ahead from escalator)
Exhibits, breaks, lunch (Thursday, Friday) receptions (Friday) - Frontenac Foyer
Breakout rooms (Thursday, Friday) - Bay, Queen’s Quay - adjacent to the Frontenac Foyer
AGM - Bay Room (Thursday, adjacent to the Frontenac Foyer)
Networking Reception (Thursday) - Frontenac Foyer
Banquet Dinner (Thursday) - Frontenac Ballroom
President’s Mixer (Thursday) - Frontenac Ballroom

Check online for full details and last minute updates:
bit.ly/appro2019_current

REGISTER ONLINE:
bit.ly/appro2019_register

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(Contact carole.kielly@appro.org for information on membership)

Special reduced Delegate rates are available. See details and conditions: bit.ly/appro2019_reduced

Check online for full details and last minute updates.

Hotel: Westin Harbour Castle
Reserve Online: bit.ly/whc_book_hotel

Book using promo code “AP1589” for the special rate of $214. The cut-off date for the special rate is November 6.

APPrO: 67 Yonge St., Suite 1040, Toronto M5E 1J8
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appro@appro.org
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