

Call for Papers

2021 CIGRE Canada Conference

Hilton Toronto
Toronto, Ontario, Canada
October 25-28, 2021 • www.cigreconference.ca



“Decentralization, Decarbonization & Climate Change Adaptation”

The 16th Annual CIGRE Canada Conference on Power Systems will bring together key players in the electric power systems sector: business leaders, system operators, manufacturers, engineers, scientists, policy makers, regulators and academics. Join some 400 participants from major organizations at this unique forum to share exciting new research and breakthroughs, raise issues or questions, discuss future directions, and network and exchange with leading professionals from all over the world.



Topics of special interest

Efficient Electrification and Customer Participation

- Carbon-neutral energy sources
- Distributed energy resources (DERs)
- Energy autonomy and microgrids
- Electrification of transportation, V2G-V2H
- Energy storage, photovoltaic (PV) systems, HEMS and home automation
- Innovative business models

Asset Management

- Working and operating methods
- Manufacturing process, design, modelling, materials, degradation mechanisms, experimental science, signal processing, on-board measurement system (OBM), digital twins
- Forecasting tools and risk analysis

Smart and Flexible Energy System

- Network management centres, artificial intelligence, expert systems, simulation tools, computing platforms, blockchain, cybersecurity

Results and innovative applications related to CIGRE Study Committees themes

- Rotating Electrical Machines (A1)
- Transformers (A2)
- High Voltage Equipment (A3)
- Insulated Cables (B1)
- Overhead Lines (B2)
- Substations (B3)
- HVDC and Power Electronics (B4)
- Protection and Automation (B5)
- System Development and Economics (C1)
- System Operation and Control (C2)
- System Environmental Performance (C3)
- System Technical Performance (C4)
- Electricity Markets and Regulation (C5)
- Distribution Systems and Dispersed Generation (C6)
- Materials and Emerging Test Techniques (D1)
- Information System and Telecommunications (D2)

Organizing Committee

Mark Poweska
President & CEO of Hydro One
General Chair

David Lebeter, Hydro One
Program Chair

Bruno Jesus, Hydro One
Technical Committee Chair


Harneet Panesar & Ayesha Sabouba, Hydro One
Local Arrangement Chair

Suzanne Lafrenière, CIGRE Canada
CIGRE Canada Coordinator

Steven Desrochers, Jaguar Expo
Event Manager



Submissions

Authors should submit a **one-page abstract** through the online system at cfa.cigreconference.ca before February 26, 2021. Upon abstract acceptance, a 6-8 pages paper in CIGRE format must be submitted by the final deadline. Accepted papers will be included in the conference proceedings and will be published in the online  library (cfa.cigreconference.ca), provided at least one author is fully registered and presents the paper at the conference.



Best Student Paper Award



Next Generation Network Best Paper Award
(young professional up to 35 years old)

Hosted by:



Important dates

February 26, 2021
Abstract submission deadline

April 9, 2021
Notification of acceptance

June 4, 2021
Final paper submission deadline

