

25th

PPDIUC

2019

QUÉBEC CITY



PROGRAM

Welcome to the 25th Prime Power Diesel Inter-Utilities Conference (PPDIUC), a Canadian Off Grid Utilities Association (COGUA) initiative organized this year by Hydro-Québec at the Hilton Hotel in Québec City, under the theme "The Energy Transition."

NOTES

- Activities will be held in the De Tourny room unless otherwise indicated.
- Participants must wear their name tag when attending the conference.
- Family members of the utility delegates are invited to the Welcome cocktail and to the dinners.

COLOR LEGEND



Open to utility delegates and all sponsors






Open to utility delegates and respective sponsors



Open to utility delegates only

SUNDAY, SEPTEMBER 15

ACTIVITY AND LOCATION	DURATION	TIME
 COGUA Board Meeting (Directors only) – Salon Hilton	1 hr	4:00 p.m.
 Registration – Entrance of De Tourny Room	3 hrs	4:00 p.m.
 Welcome cocktail (drinks and appetizers) – De Tourny and Villeray Rooms	2 hrs	5:30 p.m.

MONDAY, SEPTEMBER 16

OPTIMIZING EXISTING EQUIPMENT AND FACILITIES

ACTIVITY AND LOCATION	DURATION	TIME
 Continental Breakfast – Villeray Room	60 min	7:00 a.m.
 Registration – Entrance of De Tourny Room	60 min	7:00 a.m.
 Welcome Address – Éric Filion, Hydro-Québec	30 min	8:00 a.m.
 Utility Address: Hydro-Québec, Richard Lagrange	15 min	8:35 a.m.
 Utility Address: Newfoundland and Labrador Hydro, Damian Ryan	15 min	8:55 a.m.
 Utility Address: BC Hydro, Sandy Reid	15 min	9:15 a.m.
 Utility Address: Hydro One Remote Communities, Kraemer Coulter	15 min	9:35 a.m.
 Coffee Break – Villeray Room	30 min	9:50 a.m.
 <i>An Analysis of “Design-Build” vs. “Design-Bid-Build” Approaches</i> – Taufik Haroon, Qulliq Energy Corporation	30 min	10:20 a.m.
 <i>Biomass Generation in Off-Grid Settings</i> – Hamid Tamehi, BC Hydro	30 min	10:55 a.m.
 <i>Emission Regulations and Impact on Product and Operational Considerations</i> – Andrei Andreescu, Toromont Cat	20 min	11:30 a.m.
 LUNCH – Executive Club on 23rd Floor	70 min	11:50 a.m.
 <i>Key Performance Index</i> – Anne Malenfant, Hydro-Québec	30 min	1:00 p.m.
 <i>Off-Grid Generator Set Solutions</i> – G. St-Onge & A. Charpentier, Wajax	20 min	1:35 p.m.
 Coffee Break – Villeray Room	30 min	1:55 p.m.
 Plenary discussion – <i>Optimizing Existing Equipment and Facilities</i>	60 min	2:25 p.m.
 <i>The New Energy Landscape Eases the Energy Transition for Off-Grid Communities</i> – Philip Barton, Schneider Electric	40 min	3:30 p.m.
 Adjournment		4:10 p.m.
Dinner sponsored by Schneider Electric		
 Restaurant La Bûche 49 Rue St-Louis, Vieux-Québec Tel.: 418 694-7272		6:30 p.m.

TUESDAY, SEPTEMBER 17

THE POTENTIAL REPRESENTED BY RENEWABLE ENERGY SOURCES

ACTIVITY AND LOCATION	DURATION	TIME
 Continental Breakfast - Villeray Room	60 min	7:00 a.m.
 Safety Moment – COGUA member	5 min	8:00 a.m.
 Utility Address: Manitoba Hydro, Quinn Menec	15 min	8:10 a.m.
 Utility Address: Atco Electric Yukon, Norm Curzon	15 min	8:30 a.m.
 Utility Address: Northwest Territories Power Corporation, Mike Ocko	15 min	8:50 a.m.
 <i>Off-Grid Systems Conversion Approach</i> – O. Arsenault & M.-F. Roussy, Hydro-Québec	30 min	9:10 a.m.
 <i>Solar Powering the Arctic</i> – Michel Carreau, Hatch	20 min	9:45 a.m.
 Coffee Break – Villeray Room	30 min	10:05 a.m.
 Lac Brochet – ERAAES Community Photovoltaic Project – C. Lamothe & T. Routledge, Manitoba Hydro	30 min	10:35 a.m.
 <i>Off-Grid Photovoltaic Energy Systems</i> – Théo Germain, Rematek Énergie	20 min	11:10 a.m.
 LUNCH – Executive Club on 23rd Floor	90 min	11:30 a.m.
 <i>Electricity in Remote First Nations</i> – Erin Tabah, Indigenous Services Canada	30 min	1:00 p.m.
 <i>Gull Bay Solar Battery Integration</i> – Keith Barr, Hydro One Remote Communities	30 min	1:35 p.m.
 Coffee Break – Villeray Room	30 min	2:05 p.m.
 Plenary discussion – <i>The Potential Represented by Renewable Energy Sources</i>	60 min	2:35 p.m.
 <i>Simplifying and Streamlining Microgrid Hardware for Remote Power Systems</i> – Nick Kreinbring, Nidec / Kato Engineering	40 min	3:40 p.m.
 Adjournment		4:20 p.m.
 Dinner sponsored by Henery / Kato Engineering Restaurant Le Parlementaire National Assembly, visitor entrance Tel.: 418 643-6640		6:15 p.m.

WEDNESDAY, SEPTEMBER 18

THE CHALLENGES TO INTEGRATING RENEWABLES INTO OFF-GRID SYSTEMS

ACTIVITY AND LOCATION	DURATION	TIME
 Continental Breakfast – Villeray Room	60 min	7:00 a.m.
 Safety Moment – COGUA member	5 min	8:00 a.m.
 Utility Address: Qulliq Energy Corporation – Bill Nippard	15 min	8:10 a.m.
 Utility Address: Cordova Electric Cooperative – Scott Newlun	15 min	8:30 a.m.
 Utility Address: Alaska Village Electric Cooperative, William Thomson	15 min	8:50 a.m.
 <i>The Challenges of Having Renewables in Communities</i> – Damian Ryan, Newfoundland and Labrador Hydro	30 min	9:10 a.m.
 <i>Partnerships First: Project Structures for Remote Clean Energy Microgrids</i> – Jason Rioux, NRStor	20 min	9:45 a.m.
 Coffee Break – Villeray Room	30 min	10:05 a.m.
 <i>The Challenges of Integrating Renewables into an Off-Grid System</i> – Norm Curzon, Atco Electric Yukon	30 min	10:35 a.m.
 <i>Case Study for Grise Fiord Power Plant and Update on Old Crow Solar Hybrid Project</i> – J.-P. Castonguay & N. Hawley, BBA	20 min	11:10 a.m.
 Group picture	20 min	11:30 a.m.
 LUNCH – Executive Club on 23rd Floor	70 min	11:50 a.m.
 <i>Our New Grid Scale Battery Installation Commissioning</i> – N. Cain, C. Kuntz & S. Newlun, Cordova Electric Cooperative	30 min	1:00 p.m.
 <i>The Challenges of Integrating Renewables into Off-Grid Systems</i> – Ian Flood, NTPC	30 min	1:35 p.m.
 Coffee Break – Villeray Room	30 min	2:05 p.m.
 <i>Generating Efficiencies</i> – Daryl Kruper, Simson-Maxwell	20 min	2:35 p.m.
 Plenary discussion – <i>The Challenges of Integrating Renewables into Off-Grid Systems</i>	60 min	3:00 p.m.
 Closing Address – Anne Malenfant, Hydro-Québec	30 min	4:05 p.m.
 End of PPDUC 2019		4:35 p.m.

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WIFI

Hilton Meeting
Password: Hydro19