



## PRELIMINARY PROGRAM as October 2 2024


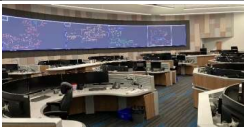


TIME		MONDAY, October 28, 2024	
8:00	20:00	Registration - Coat Check - <b>Carlton Lobby - South Building Ground Floor</b>	
8:00	16:00	Speakers room Cecil Richards Suite - North Building Second Floor	
8:00	17:00	Exhibits Set-up - York 1 + Carlton Lobby - South Building Ground Floor	
		Workshop Session 1 - Millennium Suite - North Building Second floor	Workshop Session 2 - Pan Am Room - North Building Second floor
9:00	10:30	<b>Workshop 1 :</b> Live Working for Transmission Line Maintenance at Manitoba Hydro Jeff Laninga, Transmission Live Line & Electric Effects Section Head, Manitoba Hydro	<b>Workshop 6 :</b> Tools for a Sustainable and Resilient Energy Grid With energy demand at its peak across the country, utilities and the energy industry are facing enormous challenge. Attendees will visit three different demos, each highlighting a specific technology to support with the energy transition. 1) Siprotec Digital Twin - Virtual Testing of Siprotec 5 (Siemens relays) 2) Microgrid Technologies- explore efficient, resilient and sustainable distributed energy systems 3) Electrification X - integrated software to support with the energy transition
10:30	11:00	Coffee break for Workshops attendees only	
11:00	12:30	<b>Workshop 2 :</b> Lightning & Grounding Consideration for Overhead Line Rebuilding and Refurbishing Projects, AC and DC Dr. William Chisholm, Converner of CIGRE JWG B2/C4.76	<b>Workshop 7 :</b> Inverter Based Resource Integration and Performing Dynamic Response Verification Studies Dr. Dharshana Muthumuni Managing Director of Power Systems Technology Centre MHI - PSCAD
12:30	14:00	Lunch for Workshops attendees only, Room 2E+2F North Building - Second floor	
14:00	15:00	<b>Workshop 3 :</b> Development and Application of the System Reliability/Risk Model Dr. Dange Huang, Senior Reliability Studies Engineer Manitoba Hydro	<b>14:00 to 15:30 : Workshop 8 :</b> Transformer Factory Repair Option in a Challenging New Transformer Market Ed teNyenhuis , Technical / Operations Manager, Hitachi Energy
15:00	16:00	<b>Workshop 4 :</b> CIGRE JWG C4/B4.52 VSC HVDC systems connected to weak or isolated grids Dr. Chandana Karawita, Converner of CIGRE JWG C4/B4.52	
15:30	16:30	Coffee break for Workshops attendees only	
16:00	17:30	<b>Workshop 5 :</b> Applying smart sensors and AI/ML Analytics in the future of asset management Dr. Nathan Jacob, member of CIGRE SC B3	<b>Workshop 9 :</b> Transition towards non-SF6 electrical products. Regulatory and technical updates, and solutions. Siemens Energy
18:00	20:00	Welcome Reception in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor	
<b>REGISTRATION : <a href="https://cigre.ca/">https://cigre.ca/</a></b>			

TIME		TUESDAY, October 29, 2024				
6:30	20:00	Registration - Coat Check - <a href="#">Carlton Lobby - South Building Ground Floor</a>				
6:45	8:00	Breakfast - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
7:00	16:00	Speakers room Cecil Richards Suite - North Building Second Floor				
9:00	20:00	Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
8:00	8:30	<p>8:10 First Nations territory Welcome</p> <p>8:20 Word of Welcome - Plenary YORK 2 3 4 entrance by the exhibition</p> <p>Udaya ANNAKAGE, Chair of CIGRE CANADA</p> <p>Phil ZINCK, Past Chair of CIGRE CANADA</p> <p>Angela DRIVER, Director Engineering, Manitoba Hydro</p> <p>Michael KOBZAR, Secretary and Treasurer of CIGRE CANADA</p>				
8:30	9:00	<p><b>Keynote : - Plenary YORK 2 3 4 entrance by the exhibition</b></p> <p>Hal Turner, Vice President, Manitoba Hydro</p> <p>"Hal has extensive experience in leadership roles across engineering, project management, and asset management. As Vice-President of Asset Planning and Delivery, he oversaw the strategic management of Manitoba Hydro's assets and led major projects like the Keeyask Generating Station.</p> <p>Hal holds a Bachelor of Science in Mechanical Engineering, a certificate in asset management, and is a registered professional engineer in Manitoba. He has been with Manitoba Hydro since 1995 and is an active member of Electricity Canada's Generation Council."</p>				
9:00	10:00	<p><b>Business panel - Plenary YORK 2 3 4</b></p> <p>Moderator: Maria Neufeld, Manitoba Hydro, Director Transmission Operations &amp; Maintenance</p> <p><b>Conference Theme:</b></p> <p><b>"Addressing the Challenges and Opportunities of an Accelerated Energy Transition"</b></p> <p><b>Panel Sub-topic (tbc):</b></p> <p><b>"Technological Innovations and Supply Chain Adaptability in Power Systems for Electrification"</b></p> <p>Mike Bartel, VP Asset Management, Altalink</p> <p>Pierre Poulain, President &amp; CEO, Powertech Labs Inc.</p> <p>Heather Chalmers, President &amp; CEO, GE Vernova</p> <p>Benoit Delourme, Director – Energy system design and planning, Hydro Quebec</p> <p>Paul Forsyth, VP Sales &amp; Marketing RTDS Technologies</p>				
10:00	10:30	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
10:30	12:00	<p>Papers presentation</p> <p>Session 1 - Plenary YORK 2 3 4 entrance by the exhibition</p>	<p>Papers presentation</p> <p>Session 2 - Room 2E - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 3 - Room 2F - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 4 - Room 2G - North Building Second Floor</p>	Room 2H - North Building Second Floor (TBC)
		<p>6 Oral Presentations</p> <p>CIGRE SC C2</p> <p>Papers : 756-794-824-825-843-875</p>	<p>6 Oral Presentations</p> <p>CIGRE SC B1/B2</p> <p>Papers : 750-787-858-860-896-933</p>	<p>5 Oral presentations</p> <p>CIGRE SC B4</p> <p>Papers : 810-841-844-857-861</p>	<p>5 oral presentations</p> <p>CIGRE SC B5</p> <p>Papers : 744-749-765-909-934</p>	
12:00	13:15	Luncheon For All Attendees - Exhibition Area - York 1 + Carlton Lobby - South Building Ground Floor				
12:00	13:15	<p><b>Women in Energy Luncheon - Plenary YORK 2 3 4</b></p> <p>Moderator: Aimee Intac-Leung, Director Transmission Project Management, Invenergy</p> <p><b>Conference Theme: "Addressing the Challenges and Opportunities of an Accelerated Energy Transition"</b></p> <p><b>Panel Sub-topic (tbc):</b></p> <p><b>"Workforce Development and Skill Enhancement in the Energy Sector"</b></p> <p>Stéphanie Vaillancourt, President Canada, AtkinsRéalis</p> <p>Carla Vicente, Country Managing Director, Hitachi Energy</p> <p>Robyn Koropatnick, VP Business Development, Stantec</p> <p>Lindsay Brown, Head of Marketing, Siemens Canada</p> <p>Randupama Gunasekara, Professional Engineer, MHI</p>				
13:15	14:30	<p>Papers presentation</p> <p>Session 1 - Plenary YORK 2 3 4 entrance by the exhibition</p>	<p>Papers presentation</p> <p>Session 2 - Room 2E - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 3 - Room 2F - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 4 - Room 2G - North Building Second Floor</p>	Room 2H - North Building Second Floor (TBC)
		<p>5 oral presentations</p> <p>CIGRE SC D2</p> <p>Papers : 753-817-831-888-913</p>	<p>5 oral presentations</p> <p>CIGRE SC B2</p> <p>Papers : 742-758-774-847-911</p>	<p>5 oral presentations</p> <p>CIGRE SC B4</p> <p>Papers : 829-839-840-902-927</p>	<p>5 oral presentations</p> <p>CIGRE SC B5</p> <p>Papers : 819-851-853-900-903</p>	
14:30	15:00	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
15:00	16:15	<p>Papers presentation</p> <p>Session 1 - Plenary YORK 2 3 4 entrance by the exhibition</p>	<p>Papers presentation</p> <p>Session 2 - Room 2E - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 3 - Room 2F - North Building Second Floor</p>	<p>Papers presentation</p> <p>Session 4 - Room 2G - North Building Second Floor</p>	Room 2H - North Building Second Floor (TBC)
		<p>5 oral presentations</p> <p>CIGRE SC C2/B2</p> <p>Papers : 746-764-779-865-905</p>	<p>4 oral presentations</p> <p>CIGRE SC B2</p> <p>Papers : 772-773-791-842</p>	<p>5 oral presentations</p> <p>CIGRE SC B4/C4</p> <p>Papers : 814-889-910-923-930</p>	<p>5 oral presentations</p> <p>CIGRE SC B5</p> <p>Papers : 885-887-926-928-929</p>	
16:15	16:45	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				

16:45	17:45	Papers presentation Session 1 - Plenary YORK 2 3 4 entrance by the exhibition	Papers presentation Session 2 - Room 2E - North Building Second Floor	Papers presentation Session 3 - Room 2F - North Building Second Floor	Papers presentation Session 4 - Room 2G - North Building Second Floor	Room 2H - North Building Second Floor (TBC)
		3 oral presentations CIGRE SC C2/B2 Papers : 803-811-832	4 oral presentations CIGRE SC B1/B2/C3 Papers : 807-808-826-917	4 oral presentations CIGRE SC B4 Papers : 745-747-777-867	3 oral presentations CIGRE SC C4 Papers : 759-879-882	
17:45	19:00	COCKTAIL RECEPTION - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
19:00	22:00	<b>Conference Banquet, Presentation of the Best Paper Finalists and CIGRE Canada Scholarship Awards</b> <b>Best Paper Finalists: Best Student Paper– Best Next Generation Network Paper– Best Paper Overall</b> <b>CIGRE Canada Scholarship Awards</b> Plenary YORK 2 3 4 entrance by the exhibition				
REGISTRATION : <a href="https://cigre.ca/">https://cigre.ca/</a>						

TIME		WEDNESDAY, October 30, 2024				
6:30	20:00	Registration - Coat Check - <a href="#">Carlton Lobby - South Building Ground Floor</a>				
6:45	8:00	Breakfast - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
7:00	16:00	Speakers room Cecil Richards Suite - North Building Second Floor				
9:00	17:00	Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
8:00	8:30	<p><b>Keynote - Plenary YORK 2 3 4 entrance by the exhibition</b>  <b>Getting to Yes: The challenges facing the electricity sector and the energy transition</b>  Francis Bradley, President &amp; CEO, Electricity Canada</p>				
8:30	9:30	<p><b>CEO PANEL - Plenary YORK 2 3 4 entrance by the exhibition</b>  Moderator: Mr. Dave Bowen, Manitoba Hydro VP of Asset Planning and Delivery  <b>Conference Theme:</b>  <b>"Addressing the Challenges and Opportunities of an Accelerated Energy Transition"</b>  <b>Panel Sub-topic (tbc): "Policy and Regulatory Considerations to Support Electrification"</b>  Aaron Engen, President &amp; CEO, AESO  Hal Turner, Vice President, Manitoba Hydro (tbc)  Mark Lauby, SVP, NERC  Peter Gregg, CEO, NS Power  Rupen Pandya, President &amp; CEO, Saskpower  Arne Wohlschlegel, Managing Director, Siemens Energy</p>				
9:30	9:45	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
9:45	10:45	Papers presentation Session 1 - Plenary YORK 2 3 4 entrance by the exhibition	Papers presentation Session 2 - Room 2E - North Building Second Floor	Papers presentation Session 3 - Room 2F - North Building Second Floor	Papers presentation Session 4 - Room 2G - North Building Second Floor	Room 2H - North Building Second Floor (TBC)
		4 oral presentations CIGRE SC C4 Papers : 751-785-820-850	3 oral presentations CIGRE SC A3/B3/D1 Papers : 771-862-895	4 oral presentations CIGRE SC C1 Papers : 833-838-892-899	3 oral presentations CIGRE SC C2 Papers : 870-914-918	
10:45	11:15	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
11:15	12:15	Papers presentation Session 1 - Plenary YORK 2 3 4 entrance by the exhibition	Papers presentation Session 2 - Room 2E - North Building Second Floor	Papers presentation Session 3 - Room 2F - North Building Second Floor	Papers presentation Session 4 - Room 2G - North Building Second Floor	Room 2H - North Building Second Floor (TBC)
		3 oral presentations CIGRE SC C4 Papers : 797-813-836	4 oral presentations CIGRE SC A2 Papers : 789-822-828-855	4 oral presentations CIGRE SC C5 Papers : 798-835-852-924	4 oral presentations CIGRE SC C1 Papers : 769-809-874-904	
12:15	13:30	Luncheon For All Attendees - Exhibition Area - York 1 + Carlton Lobby - South Building Ground Floor				
12:15	13:30	<p><b>NGN Luncheon - Plenary YORK 2 3 4 entrance by the exhibition</b>  Moderator: Aine NurAizza Nuruddin, Electrical EIT, Technology Delivery Group - Hatch Ltd.  <b>Bridging Generations for Sustainable Growth in the Energy Industry</b>  Dan Kell, Global Director eGRID, Hatch Ltd.  Dr. Chandana Karawita, Vice President - Studies, TransGrid Solutions Inc  Mabel Lai, Manager, Distribution Vault Mitigation Program, BC Hydro  Felipe Migliato, Business Development Manager, Grid Technologies, Siemens Energy  Kaitlin Fritz, Section Head, Asset Information and Standards, Manitoba Hydro</p>				
13:30	15:00	Papers presentation Session 1 - Plenary YORK 2 3 4 entrance by the exhibition	Papers presentation Session 2 - Room 2E - North Building Second Floor	Papers presentation Session 3 - Room 2F - North Building Second Floor	Papers presentation Session 4 - Room 2G - North Building Second Floor	Room 2H - North Building Second Floor (TBC)
		CIGRE WG C4/C2.62	5 oral presentations CIGRE SC A2 Papers : 768-812-823-877-907	5 oral presentations CIGRE SC D2 Papers : 755-778-804-818-919	4 oral presentations CIGRE SC C4 Papers : 743-775-783-890	
15:00	15:30	Networking breaks - in the Exhibition - York 1 + Carlton Lobby - South Building Ground Floor				
15:30	17:00	Papers presentation Session 1 - Plenary YORK 2 3 4 entrance by the exhibition	Papers presentation Session 2 - Room 2E - North Building Second Floor	Papers presentation Session 3 - Room 2F - North Building Second Floor	Papers presentation Session 4 - Room 2G - North Building Second Floor	Room 2H - North Building Second Floor (TBC)
		5 oral presentations CIGRE SC C4 Papers : 763-781-782-848-871	4 oral presentations CIGRE SC B3 Papers : 767-806-837-880	4 oral presentations CIGRE SC D2 Papers : 752-754-761-796	6 oral presentations CIGRE SC C6 Papers : 762-776-868-878-894-920	
17:00	17:30	<p><b>Award Presentation of the Best Papers (Students - Overall) Plenary YORK 2 3 4 entrance by the exhibition</b>  <b>Prize Withdrawal - Closing Session - Presentation of CIGRE 2025 International Symposium in Montreal</b>  Udaya ANNAKAGE, Chair of CIGRE CANADA  Phil ZINCK, Past Chair of CIGRE CANADA  Michael KOBZAR, Secretary-Treasurer CIGRE CANADA  Benoit Delourme, Director – Energy system design and planning, Hydro Quebec</p>				

18:00	21:00	<b>NGN networking Event</b> Award Presentation of the NGN Best Paper - <b>Hargrave St Market</b>
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TIME		THURSDAY, October 31, 2024			
		Technical tour 1 : Manitoba Hydro Riel Converter Station and System Control Centre		Technical tour 2 : Manitoba Hydro High Voltage Test Facility	
		The buses will depart and arrive at the main entrance of the RBC Convention Center, returning to the same location			
8:00		Departure 08:00		Return 14:00	
					
		Lunch will be served before departure from the site following the tour. The registration is limited to 40 participants. Location: 23E Deacon Rd, Dugald, MB (A 40-minute bus ride)		Snacks and coffee will be made available throughout the tour. The registration is limited to 30 participants. Location: 110 Newmarket Blvd, Winnipeg (A 30-minute bus ride)	

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Exhibition will be open : Monday 28 18:00 to 20:00 / Tuesday 29 09:00 to 20:00 / Wednesday 30 09:00 to 17:00

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