

TIME	SESSION	SPEAKERS
7:30 - 17:00	<b>Registration Desk open</b>	
7:30 - 17:00	<b>Braindate Lounge open</b>	
7:45 - 8:30	<b>Continental Breakfast</b>	
8:30	<b>Welcome Remarks Introduction to Smart Grid Innovation Network (SGIN) &amp; How to Braindate</b>	<b>Brent Staeben</b> , Principal and NB Power-lead, Smart Grid Innovation Network (Canada)
9:00 - 10:30	<b>Global Industry Highlights &amp; Outlook</b> <i>This session will discuss the most significant highlights in the world of energy transition. Three experts will provide a review of technology, commercial, policy and regulatory innovations that have occurred over the last few years that will impact the future of the energy industry.</i>	<b>Moderator:</b> <b>Michel Losier</b> , Executive Director, Energy Efficiency & Customer Engagement, NB Power (Canada) <b>Panelists:</b> <b>Katherine Hamilton</b> , Chair, 38 North Solutions (USA) <b>Tanuj Deora</b> , Chief Strategy Officer, Smart Electric Power Alliance (SEPA) (USA)
10:30	<b>COFFEE BREAK &amp; BRAINDATE</b>	
11:00 - 11:30	<b>Energy Storage Technology on the Rise</b> <i>Energy storage will soon be less expensive than wire and generation alternatives. This session will discuss new and emerging energy storage technologies, trends, and evolving market opportunities.</i>	<b>Jerry Chwang</b> , Managing Consultant, Digital Grid, Siemens Canada (Canada)
11:30 - 12:00	<b>Smart Mobility</b> <i>Widespread electrification of transportation including self-driving cars have the potential to reduce congestion, greenhouse gas emissions, and facilitate transit. This session will take a closer look at this technology, the challenge and how this is going to impact our citizens and cities.</i>	<b>Marco Maréchal</b> , Strategic Advisor - The Future of Mobility, Connected (Netherlands)
12:00 - 13:15	<b>LUNCH &amp; BRAINDATE</b>	
13:15 - 13:30	<b>Atlantic Canada Opportunities Agency (ACOA)</b>	<b>Andrew F. Noseworthy</b> , Assistant Deputy Minister, Clean Technology, Innovation, Science and Economic Development Canada (Canada)
13:30 - 15:00	<b>The Emergence of Microgrid &amp; Community Energy Trading</b> <i>This session will explore new microgrid technologies; emerging energy transaction opportunities, such as blockchain, and associated cybersecurity implications; and interoperability issues in building local energy ecosystems.</i>	<b>Moderator:</b> <b>Katherine Hamilton</b> , Chair, 38 North Solutions (USA) <b>Panelists:</b> <b>Scott Kessler</b> , Director, Business Development, LO3 Energy (USA) <b>Rolf Bienert</b> , Technical Director OpenADR Alliance, OpenADR Alliance (USA) <b>Mike Bourque</b> , Director of Special Projects, NB Power (Canada)
15:00	<b>COFFEE BREAK &amp; BRAINDATE</b>	
15:30 - 17:00	<b>Smart Energy Communities in a Low Carbon Future</b> <i>How can cities and communities move towards a low carbon future through smart energy-related planning - in design, land use, buildings &amp; infrastructure, transportation, and community engagement, etc.? This session will explore smart city opportunities and challenges that exist as the energy market transforms - in such areas as digitalization &amp; smart grid, renewables, the connected citizen &amp; city, etc.</i>	<b>Moderator:</b> <b>Sara Mudge</b> , Community Energy Specialist, NB Power (Canada) <b>Panelists:</b> <b>Tonja Leach</b> , Interim Executive Director, QUEST Canada (Canada) <b>Aaron Barter</b> , Innovation & Sustainability Manager, Waterfront Toronto (Canada) <b>Philippe Dunsky</b> , President, Dunsky Energy Consulting (Canada)
17:00	<b>HAPPY HOUR NETWORKING &amp; LIVE MUSIC</b> <b>City of Fredericton Greetings by Mayor Mike O'Brien</b> <i>Join us for networking, drinks and hors d'oeuvres; and enjoy a 'taste of Fredericton' at our Local Craft Brew Bar!</i>	All delegates welcome

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8:45	<b>Welcome Back</b>	<b>Brent Staeben</b> , Principal and NB Power-lead, Smart Grid Innovation Network (Canada)
9:00 - 10:30	<p><b>Big, Open and Secure Data for Smart Infrastructure</b></p> <p><i>This session will explore opportunities for the electricity grid when data is leveraged for everything from advancing resiliency related to extreme weather and other destabilizing events, to enabling digital opportunities for customers and spurring technological innovations. We will discuss best practices in grid intelligence and cybersecurity to evolve grid resiliency and open data security.</i></p>	<p><b>Moderator:</b> <b>Cathy Simpson</b>, CEO TechImpact (Canada)</p> <p><b>Panelists:</b> <b>Tony O'Hara</b>, Chief Technology Officer and Vice President of Engineering, NB Power (Canada)</p> <p><b>Dr. Martin Otto</b>, Head of Research Group Cyber Security and Product &amp; Solution Security Officer CT Americas Siemens Corporate Technology (USA)</p> <p><b>Danielle Leighton</b>, Director, Data Science, T4G (Canada)</p>
10:30	<b>COFFEE BREAK &amp; BRAINDATE</b>	
11:00 - 12:00	<p><b>Energy Innovation Stories from Developing and Emerging Economies</b></p> <p><i>Developing countries and emerging economies have the potential to leap frog and adopt the most recent solar and battery technologies to provide basic services to the population. They can also create entirely new and innovative business models in order to provide services where legacy models fail. This session will showcase a range of novel work being undertaken in emerging countries.</i></p>	<p><b>Moderator:</b> <b>Herb Emery</b>, Professor of Economics &amp; Vaughan Chair in Regional Economics, University of New Brunswick (Canada)</p> <p><b>Panelists:</b> <b>Philippe Ossoucah</b>, Principal Electrical Engineer, African Development Bank (Ivory Coast)</p> <p><b>Caleb Grove</b>, Executive Director, MBissa Energy Systems (Canada)</p>
12:00 - 13:15	<b>LUNCH &amp; BRAINDATE</b>	
13:15 - 13:30	<b>Opportunities New Brunswick (ONB)</b>	<b>Stephen Lund</b> , CEO ONB (Canada)
13:30 - 14:45	<p><b>Power to the People: Innovation Beyond Technology</b></p> <p><i>The transition to a lower carbon future for electricity will bring a significant shift in our current business model of a centralized system to one that is progressively decentralized and digital and places more power into the hands of homeowners and businesses. This session will explore the evolving customer value streams - including new energy solutions, evolving business models and strategic partnerships. And how the energy sector evolves from pipeline model to an enabling platform business model that brings choice to match evolving energy consumer values.</i></p>	<p><b>Moderator:</b> <b>Michel Losier</b>, Executive Director, Energy Efficiency &amp; Customer Engagement, NB Power (Canada)</p> <p><b>Panelists:</b> <b>Ron Dizy</b>, Managing Director, Advanced Energy Centre   MaRS (Canada)</p> <p><b>James Nicholson</b>, President &amp; Founder, Nicholson and Associates Consulting (Canada)</p> <p><b>Raegan Bond</b>, Vice President, Conservation &amp; Demand Management Alectra Utilities Corp. (Canada)</p>
14:45	<b>COFFEE BREAK &amp; BRAINDATE</b>	
15:15 - 16:30	<p><b>The Future is Here: Utilities in Transition and the Need for Bold Leadership</b></p> <p><i>Across North America utilities are actively remaking their century-old business model and attempting to manage a transition that is happening with varying degrees of speed depending on jurisdictional rates and local regulatory enlightenment. Are we staring at the same fates as Kodak to the digital camera or Blockbuster to Netflix? New distributed energy technologies create significant risks, but three major opportunities – reinventing utility regulation and business models, electric vehicles, and grid modernization – exist for utilities to disprove the death spiral forecast and recreate themselves in the image of an innovative, digital, low carbon enterprise.</i></p> <p><i>What innovation needs to happen for this to become a reality? Hear from leaders with deep experience in leading the way into, and eventually through, this necessary transformation.</i></p>	<p><b>Moderator:</b> <b>Brad Wasson</b>, Chief Digital Innovation Officer, NB Power (Canada)</p> <p><b>Panelists:</b> <b>Gaëtan Thomas</b>, President and CEO, NB Power (Canada)</p> <p><b>Robert Wilhite</b>, Managing Director, Navigant (USA)</p> <p><b>Blanca R. Perez</b>, General Manager of the Home and Business Energy Solutions, Florida Power Light Company (USA)</p>
16:30	<b>Forum Chair Closing Remarks</b>	<b>Brent Staeben</b> , Principal and NB Power-lead, Smart Grid Innovation Network (Canada)