

Smart Energy
Halifax April 15 & 16, 2024

digital event guide



Title Partner:

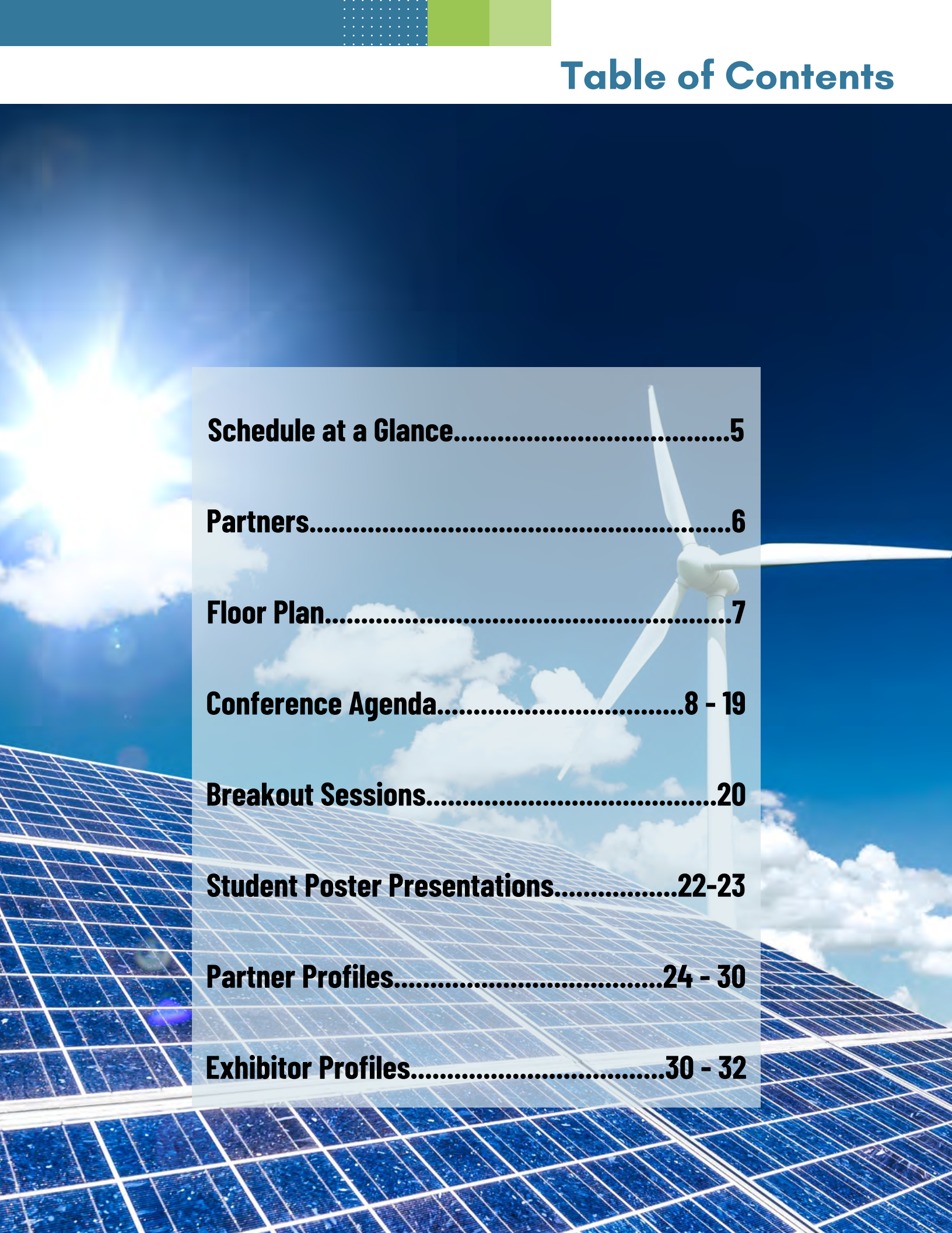


Cleaner. Greener. Together.

We're working towards
80% renewable
energy by 2030.



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Dexter Construction
AND THE
Municipal Group of Companies

YOUR
CONSTRUCTION
PARTNER

Dexter Construction, eastern Canada's largest heavy civil contractor and workhorse of the Municipal Group of Companies, is excited to be part of Nova Scotia's clean energy transition.

Our team offers a full suite of services to support the renewable energy industry, ranging from our traditional road building roots through to turnkey construction project solutions.

For more information about Dexter Construction and our extensive service offerings in the renewable energy sector

PLEASE VISIT **dexter.ca**

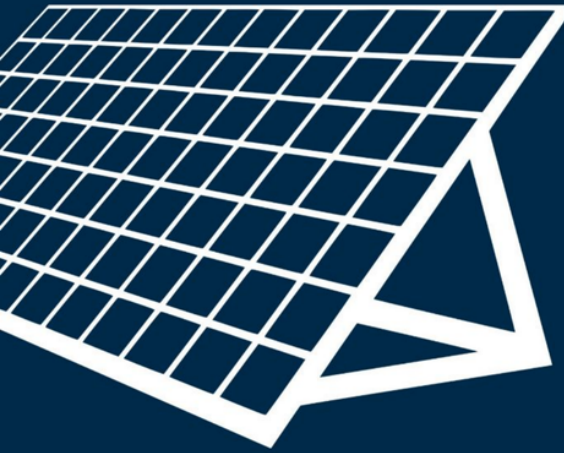
DEXTER



MUNICIPAL GROUP OF COMPANIES



HALIFAX



Halif**ACT** Acting on
Climate
Together

HalifACT is one of the most ambitious climate action movements in Canada. It is our community response to the climate crisis that will build a more resilient and healthy future. It aims to achieve net zero emissions by 2050.

To learn about some of our recent work, visit halifax.ca/climateprojects



The **HalifACT** plan will:

- reduce emissions from transportation, buildings, and energy generation
- adapt and increase resilience to climate impacts such as flooding, hurricanes and wildfires
- work with nature to preserve green spaces, protect water and protect our invaluable natural assets
- prioritize those most vulnerable to climate impacts and integrate equity in planning and decision making

Acting on Climate Together will:

- save money and create jobs
- safeguard lives and infrastructure
- protect and preserve nature
- build healthier and more connected communities

Environment

Energy

Resilience

Collaboration

Impact



Schedule at a Glance

Monday, April 15

Tuesday, April 16

Registration & Coffee

7:00 am – 8:00 am

Mix & Mingle Breakfast

7:30 am – 8:00 am

Conference

Concurrent Sessions
in varying locations

8:00 am – 4:30 pm

8:00 am – 2:30 pm

Conference Pass includes
Keynote Lunches, Networking
Breaks, Breakout Sessions,
Net Zero Pitch Challenges,
Downhome Kitchen Party and
20th Anniversary Celebration

Downhome Kitchen Party

Mezzanine

4:30 pm – 6:00 pm

20th Anniversary Celebration

Waterfront Warehouse
1549 Lower Water St
**MUST WEAR CONFERENCE
NAME BADGE TO GAIN
ENTRY**

7:00 pm – 10:00 pm

Closing Cocktails

Mezzanine

2:30 pm – 3:30 pm

Meet The
Speakers

View the
Breakouts

See
Student
Posters

The bank for → Canadian entrepreneurs

Keep moving your business forward
with our flexible financing solutions
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Title Partner



Platinum Partners



Diamond Partners



Gold Partners



Silver Partners



Bronze Partners

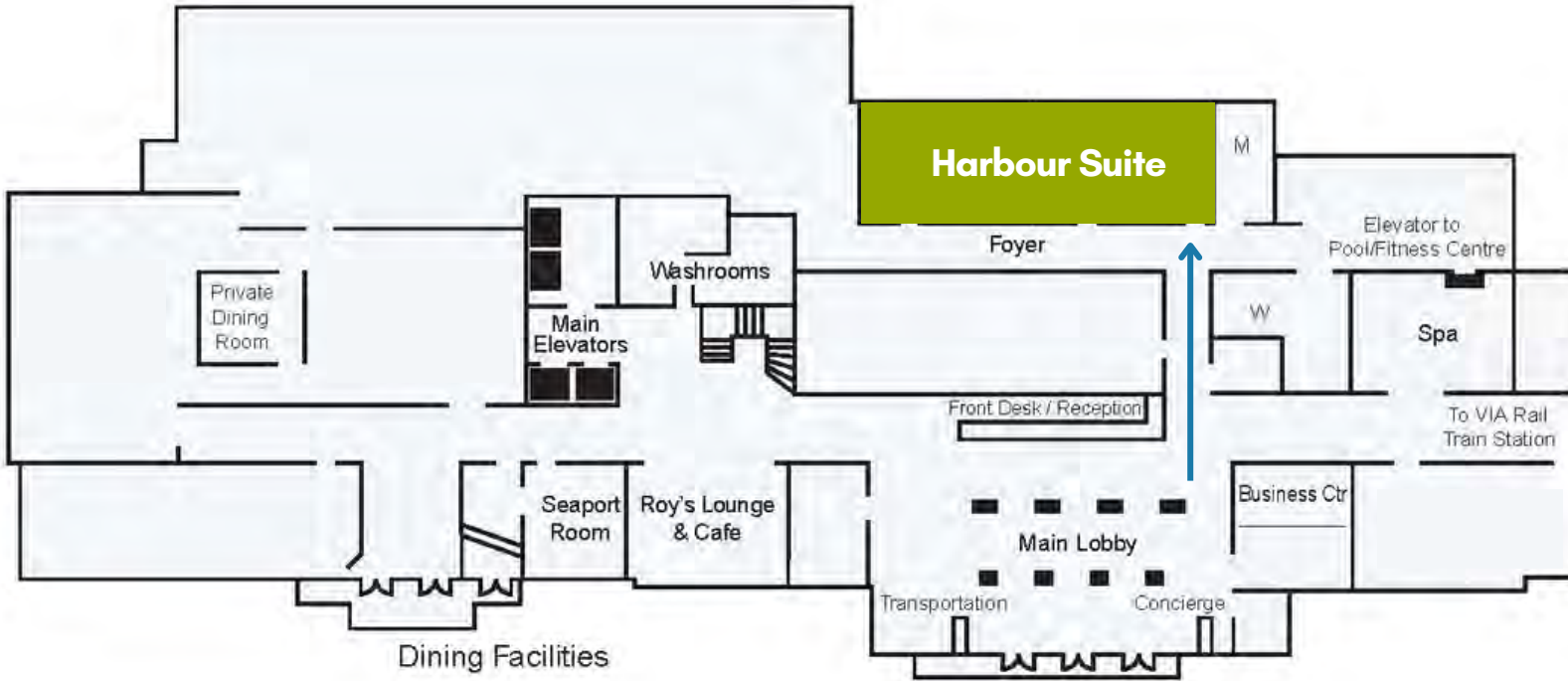


Community Partners

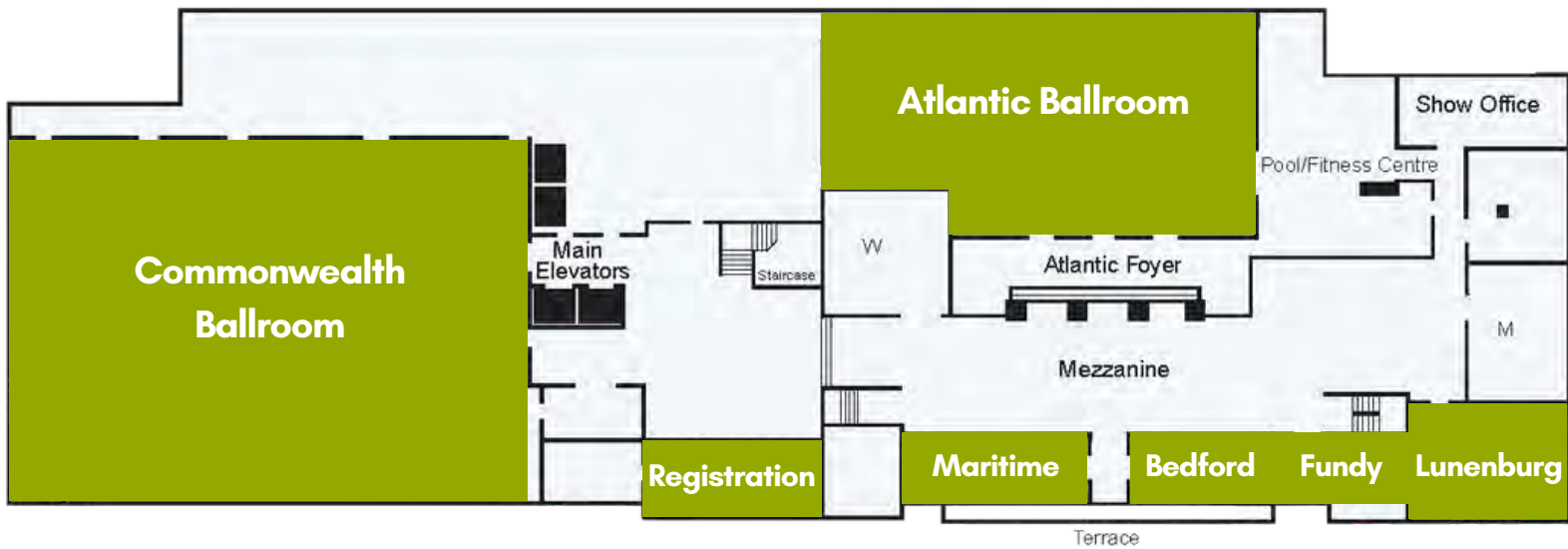


Venue Floor Plan

LOBBY LEVEL - GROUND FLOOR



CONFERENCE LEVEL - FIRST FLOOR





Electrification
Clean energy generation
Transmission
Transportation
Clean fuels
Finance
Together

Deloitte helps energy transition
leaders discover their superpowers.
Discover yours.

Superheroes wanted.

Deloitte.

Conference Agenda - April 15

[Meet the
Speakers
Here](#)

Sessions run concurrently. Please take note of the location of the session.

- 7:00 am - 8:00 am **Registration & Coffee**
- 8:00 am - 8:25 am **Opening Remarks, Bob Williamson**, Conference Chair, **Smart Energy | Halifax**
Welcome Remarks, His Worship Mike Savage, Mayor - **Regional Municipality of Halifax**
Commonwealth Ballroom
- 8:30 am - 8:45 am **Opening Keynote, Lia MacDonald**, VP of Customer Experience and Innovation - **Nova Scotia Power**
Commonwealth Ballroom
- 8:45 am to 8:55 am **"Bob Talk" Presentation 1 - Getting to Net Zero, Lessons Learned**
David Layzell, Energy Systems Architect | Professor and Director Canadian Energy Systems Analysis Research (CESAR) Initiative - **The Transition Accelerator | University of Calgary**
Commonwealth Ballroom
- 9:00 am - 10:00 am **Breakout Session A: Advancements in Clean Fuels (Case Studies)**
Moderator: **Kuljeet Grewal**, Assistant Professor - **University of Prince Edward Island**
Allan Murphy, SVP, Government Relations - **Canadian Propane Association**
Daniel Simard-Gareau - Gareau, Business Development Manager - **Waga Energy**
Derek Estabrook, VP Marketing & Business Development - **Eastward Energy**
Maritime Room
- 9:00 am - 10:00 am **Session 1: Aligning Canada's Electrification**
Introduction: **Mark Wilson**, VP- Energy, Renewables, Thermal Generation & Heavy Industrial Process Sector Leader - **Stantec**
Moderator: **Ahmed Hanafy**, Partner - **Dunsky Energy + Climate Advisors**
Francis Bradley, President & CEO - **Electricity Canada**
Sharonne Katz, Senior Director, Energy Systems Sector - **Natural Resources Canada**
Brad Coady, VP Business Development & Strategic Partnerships - **Énergie NB Power**
Mark Sidebottom, Chief Clean Energy Officer - **Nova Scotia Power**
Commonwealth Ballroom
- 9:00 am - 10:00 am **Session 2: Canada's Hydrogen Update**
Introduction: **Nirmal Gnanapragasam**, Principal Scientist, Hydrogen Technologies Branch - **Canadian Nuclear Laboratories**
Moderator: **Ivette Vera-Perez**, President & CEO - **Canadian Hydrogen & Fuel Cell Assoc.**
Sam McDermott, Technical Manager, Renewable Hydrogen - **Enbridge Gas**
Nathan Ashcroft, Director, Strategic Bus. Dev. Energy & Resources - **Stantec**
Jeff Grant, VP, Transportation Solutions - **HTEC**
Sanjeev Pushkarna, Director, Business Development - **Nova Scotia Power**
Michael Galvin, Director of Hydrogen and Sustainable Fuels - **Simply Blue Group**
Atlantic Ballroom
- 10:00 am - 10:30 am **Networking Break**
Mezzanine



We design and build large-scale renewable energy systems

Natural Forces Solar is a turn-key engineering, procurement, construction & maintenance company based in Dartmouth, NS

OUR MISSION

Our mission is to provide pathways for our clients to participate in the green energy revolution and achieve energy independence.

JOINT VENTURES



eskasonirenewables.ca



baysiderenewables.ca

Scan to gain a better understanding of our company, its objectives, values, and ongoing initiatives.



OUR CAPABILITIES



Development



Engineering & Design



Procurement



Construction



Commissioning



Operations & Maintenance

Our Contact:

Roby Douglas: rdouglas@naturalforces.ca

Angie McLeod: amcleod@naturalforces.ca

Conference Agenda - April 15, Cont'd

[Meet the
Speakers
Here!](#)

Sessions run concurrently. Please take note of the location of the session.

10:30 am - 10:40 am

**Commonwealth
Ballroom**

Bob Talk Presentation 2: Collaboration in Action
Terri-Lynn Duque, Principal - **Ignite Energy Solutions**

10:30 am - 11:30 am

Harbour Suites

Breakout Session B: Microgrid Projects in Canada,
presented by the Investissement Quebec
Martin Boulay, President & CEO - **Ganex**
Bruno Soulières, Director of Sales & Proposals - **Evlo Energy Storage**
Jean-François, Veilleux, Partner - **CIMA+**
Dany Leblanc, VP Proposals and Estimation - **Borea Construction**



10:30 am - 11:30 am

Maritime Room

Breakout Session C: The Bright Future of Offshore Wind
Moderator: **Melissa Morrison**, Senior Commercial Manager - **Natural Power**
Anne-Marie Belliveau, Offshore Development Manager - **DP Energy Canada**
Gordon McIntosh, Chairman - **Aberdeen International Associates**
Kim Doane, Executive Director, Subsurface and Offshore Energy - **Nova Scotia Department of Natural Resources and Renewables**

10:30 am - 11:30 am

Atlantic Ballroom

Session 3: Hydrogen - Building a Customer Base
Moderator: **Scott Skinner**, President & CEO - **Clean Foundation**
Andy Carson, Director, Energy Transition - **Irving Oil**
Jordan MacNeil, Director, Energy Transition - **Eastward Energy**
Matthew Borys, Vice President Development - **EverWind Fuels**

10:40 am - 11:40 am

**Commonwealth
Ballroom**

Session 4: Energy Transition - Hybrid Solutions
Moderator: **Tim Bachiu**, Director, Research - **Net Zero Atlantic**
Frederick Morency, VP Sustainability, Strategic Initiatives & Innovation - **Schneider Electric Canada**
Allan Murphy, SVP Government Relations - **Canadian Propane Association**
Derek Estabrook, VP Marketing and Business Development - **Eastward Energy**
John MacIsaac, Principal Consultant - **Leading Edge Management Solutions**
Darren Clark, Senior Manager - **Integrated Resource Planning, NB Power**

11:40 am - 12:30 pm

**Commonwealth
Ballroom**

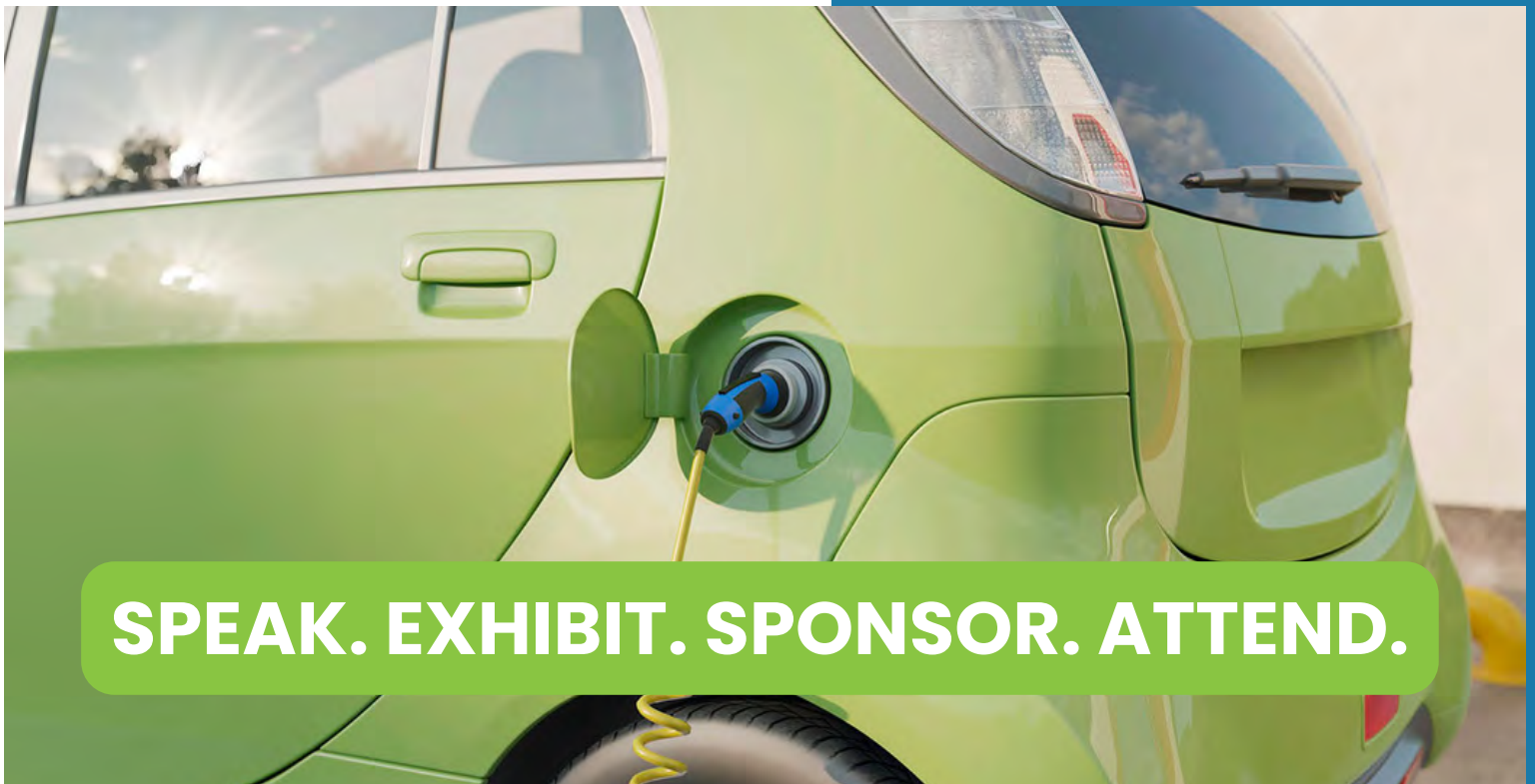
Session 5: EV's - Electric Vehicle Future, sponsored by CAA Atlantic
Introduction: **Julia Kent**, Director, Social Responsibility & Advocacy - **CAA Atlantic**
Moderator: **Maureen Shuell**, COO - **Electric Mobility Canada (EMC)**
Lucas Malinowski, Director of Federal Affairs- **Global Automakers of Canada**
Sarah Balloch, Clean Transportation Manager - **Clean Foundation**
Khan R. Rahaman, Supervisor, Transit Planning - **Halifax Transit**
JP Ouellette, Electric Mobility Lead - **NB Power**



Smart Energy

Vancouver

November 5 & 6, 2024
Robert H. Lee Alumni Centre



**Canada's Clean
Technology Event
Comes to Vancouver**

sales@eventworx.ca

smartenergyvancouver.com

Conference Agenda - April 15, Cont'd

[Meet the
Speakers
Here!](#)

Sessions run concurrently. Please take note of the location of the session.

- 11:30 am - 12:30 pm
Harbour Suites
- Breakout Session D: Renewables - Case Studies**
Moderator: **Jean Habel**, Director for Québec and Atlantic Canada - **Canadian Renewable Energy Association**
Ericka Wicks, Regional Sector Leader, Energy Transition & Renewable Energy, Canada East - **Stantec** & **Dale Conroy**, Senior Principal, Environmental Services - **Stantec**
Olga Minikh, SaaS & Digital Solution Lead - **AVEVA** & **John Marriott**, Cloud & Ecosystem Principal - **AVEVA**
Dean Chalmers, Energy Program Manager - **Verschuren Centre** & **Erika Shea**, President & CEO - **New Dawn Enterprises**
- 11:30 am - 12:30 pm
Bedford Room
- Breakout Session E: Net Zero Pitch 15-minute Presentations**
Joe Lewis, President & Founding Partner - **BioBurn Pros Inc.**
Abdulganiyu Onabanjo, Product Manager - **iFormit**
Ravi Gade, Founder & CEO - **ES Recycle & ES NetZero Solutions**
- 11:30 am - 12:30 pm
Atlantic Ballroom
- Session 6: Hydrogen Global Opportunities (Case Studies)**
Introduction: **Gordon McIntosh**, Chairman - **Aberdeen International Associates**
Moderator: **Moe Kabbara**, Vice President - **The Transition Accelerator**
Susan Wilkins, Executive Director, Renewable Energy - **Government of NL, Department of Industry, Energy & Technology**
Pierre Poulain, President and CEO - **Powertech Labs Inc.**
Raveel Afzaal, President & CEO - **Next Hydrogen Corporation**
Dave MacGregor, Associate Deputy Minister of the Office of Priorities & Planning - **Province of Nova Scotia**
- 11:40 am - 12:30 pm
Maritime Room
- Breakout Session F: Financing Building Retrofits, presented by **
Gordon Bourque, Vice-President - Business Development - **Akonovia**
Stuart Galloway, Executive Vice President - **SOFIAC**
Gregory Balycky, Director, Investments - **Canada Infrastructure Bank**
- 12:30 pm - 1:30 pm
Commonwealth Ballroom & Atlantic Ballroom
- Networking Luncheon & Bob Talk Presentation 3**
Lauren McNutt, Managing Consultant - **Dunsky Energy + Climate Advisors**
- 1:30 pm - 1:45 pm
Mezzanine
- Dessert & Networking Break**

Lunch is held in both the Commonwealth Ballroom and Atlantic Ballroom to accommodate all delegates. If one room is full, please proceed to the other.

Conference Agenda - April 15, Cont'd

[Meet the Speakers Here!](#)

Sessions run concurrently. Please take note of the location of the session.

- 1:45 pm - 3:00 pm
Maritime Room
Breakout Session G: Empowering Community Energy Transition: A Data-Driven Approach, presented by 
Winston Morton, CEO - Climative.ai
Seth Leon, Manager, Programs and Projects - QUEST Canada
- 1:45 pm - 3:00 pm
Harbour Suites
BY INVITATION ONLY - Breakout Session H: Strengthening Domestic Supply Chains for Growing Canada's Clean Electricity Grid presented by 
Chris Henderson, Founding Executive Director - Indigenous Clean Energy
- 1:45 pm - 3:00 pm
Bedford Room
Breakout Session I: Carbon Capture & Storage Workshop, presented by  Stantec
Nathan Ashcroft, Director, Strategic Business Development Energy and Resources - Stantec
- 1:50 pm - 2:00 pm
Commonwealth Ballroom
'Bob Talk' Presentation 4: Energizing Diversity: Exploring the Many Faces of Energy Transition
Ammar Nawaz, Vice President, Alectra
- 2:00 pm - 3:00 pm
Commonwealth Ballroom
Session 7: Barriers and Opportunities within Canada's EV Infrastructure
Moderator: **George Solomon, Business Development Manager - Efficiency Nova Scotia**
Jeff Turner, Director of Mobility - Dunsky Energy + Climate Advisors
TJ Lawy, Director, Balance of Plant Components - Ballard Power Systems
Grant Outerbridge, Manager, Electrification & Energy Optimization - Newfoundland & Labrador Hydro
Ed Cullinan, Senior Manager E-Mobility - Nova Scotia Power
- 2:00 pm - 3:00 pm
Atlantic Ballroom
Session 8: Hydrogen Applications - Case Studies
Moderator: **Steve Rankin, Executive Director - Atlantic Hydrogen Alliance**
Hassan El Ghouli, Regional Field Engineer - Swagelok Ontario | Atlantic Canada
Paul MacLean, Managing Director - Bearhead Energy
Evan Willemsen, Director, Business Development - AKA Energy Systems
Arturo Puigbo, Chief Commercial Officer - Nu:ionic Technologies
- 3:00 pm - 3:30 pm
Mezzanine
Networking Break

Conference Agenda - April 15, Cont'd

[Meet the Speakers Here!](#)

Sessions run concurrently. Please take note of the location of the session.

3:30 pm - 3:40 pm

"Bob Talk" Presentation 5

Kevin Boutilier, Manager of Community Energy - **Halifax Regional Municipality**

Commonwealth Ballroom

3:30 pm - 4:30 pm

Session 9: Electrification (Panel) presented by

Lauren McNutt, Managing Consultant - **Dunsky Energy + Climate Advisors**

Travis Duckro, Vice President, Utility Sales - **Uplight**

Blake Hunter, Director of Products and Services - **NB Power**

Jeff Mocha, Chief Engineer and Innovation Officer - **OEC**

Ed Cullinan, Senior Manager of Electrification - **NS Power**

Atlantic Ballroom

3:30 pm - 4:30 pm

Breakout Session J: Climate Literacy for the Building Sector presented by

Daniel Basquill, Manager, School of Trades and Technology - **NSCC**

Chelsea Code-McNeil, Sustainability Consultant, Solterre Design & Casual Faculty - **NSCC**

Harbour Suites

3:30 pm - 4:30 pm

Breakout Session K: Electrification (Case Studies)

Moderator: **Pratap Revuru**, Senior Director, Microgrid Solutions & Strategic Partnerships - **Schneider Electric**

Ken Cartmill, VP of Product Development - **Liveable Cities**

Giles Counsell, Smart Energy Lead - **Siemens**

Forest Frizzel, Co-Founder & CEO - **Shifted Energy**

Maritime Room

3:40 pm - 4:30 pm

Session 10: The Future of Wind, Solar, & Hydro

Moderator: **Jean Habel**, Director for Québec and Atlantic Canada - **Canadian**

Renewable Energy Association

Christine Bonnell-Eisnor, CEO - **Canada-Nova Scotia Offshore Petroleum Board**

Rory Cantwell, Chief Executive Officer - **SWEB Development**

Brendan Chard, Vice President Power - **EverWind Fuels**

Duncan Rotherham, Consultant & Business Leader - **Deloitte**

Justine Augustin, Design and Costing PV Lead - **Gastier**

Chris Milligan, Director of System Plan & Grid Integration - **Nova Scotia Power**

Commonwealth Ballroom

4:30 pm - 6:00 pm

Down Home Kitchen Party Reception

Mezzanine

7:00 pm - 10:00 pm

20th Anniversary Celebration

You must wear your Badge to gain entry. No exceptions.

Waterfront Warehouse
1549 Lower Water St

Sponsored by:



Conference Agenda - April 16

[Meet the Speakers Here!](#)

Sessions run concurrently. Please take note of the location of the session.

- 7:30 am – 8:00 am **Mix & Mingle Stand Up Breakfast**
- 8:00 am – 8:25 am **Keynote Presentation: Energy Transitions - What Can History Tell Us About the Future, presented by**  Liberty 
- Commonwealth Ballroom**
- Introduction: **Gilles Volpé**, Vice President – **Liberty Utilities New Brunswick**
Paul Cheliak, Vice President, Strategy and Delivery – **Canadian Gas Association**
- 8:30 am – 8:40 am **“Bob Talk” Presentation 6**
Paul Rochon, Executive Advisor – **Deloitte**
- Commonwealth Ballroom**
- 8:30 am – 9:30 am **Breakout Session L: Microgrid & Smart Grid - Case Studies**
Moderator: **Pratap Revuru**, Senior Director, Microgrid Solutions & Strategic Partnerships – **Schneider Electric**
Rob Brewer, President & CEO – **PUC Services**
Chris Russell, Director, Energy Engineering – **EastPoint & Sandy MacInnis**, Senior Electrical Engineer – **EastPoint & Channing McRae**, Project Manager – **Parks Canada**
Hassan Shahriar, President – **ADAPTR**
- Harbour Suites**
- 8:30 am – 9:30 am **Session 12: The Role for Energy Storage in Canada's Net-Zero Future, hosted by** 
- Atlantic Ballroom**
- Moderator: **Justin Rangooni**, Executive Director – **Energy Storage Canada**
Shaheer Aziz, Senior Director of Business Development – **Hydrostor**
Ammar Nawaz, Vice President – **Alectra**
Travis Duckro, Vice President, Utility Sales – **Uplight**
Robert Boone, Manager of Grid Modernization – **Nova Scotia Power**
Kristyn Annis, Partner, and Chair of Energy Storage Canada – **BLG**
- 8:30 am – 9:30 am **Breakout Session M: Electrification and Grid-Integration of Small-Medium Sized Vessels**
Moderator: **Wayne Groszko**, Applied Energy Research Scientist – **Nova Scotia Community College**
Connor Green, Director of Projects – **BlueGrid**
Juliano Franz, Director of Software Development – **Glas Ocean Electric**
Krista Phillips, Head of Strategic Electrification, Natural Resources and Renewables, **Government of Nova Scotia**
Riley Cook, Senior Data Analyst, **Nova Scotia Power**
- Maritime Room**

Sessions run concurrently. Please take note of the location of the session.

8:40 am - 9:30 am

Commonwealth Ballroom

Session 11: \$2 Trillion to Transition

Introduction: **Paul Rochon**, Executive Advisor - **Deloitte**

Moderator: **Sarah Chiasson**, Executive Director, **HCi3**

Gregory Balycky, Director, Investments - **Canada Infrastructure Bank**

Stuart Galloway, Executive Vice President - **SOFIAC**

Paul Rochon, Executive Advisor - **Deloitte**

9:30 am - 10:30 am

Commonwealth Ballroom

Session 13: Leading Canada's Smart Grid Deployment

Moderator: **Mark Wilson**, VP, Energy, Renewables, Thermal Generation & Heavy Industrial Process Sector Leader - **Stantec**

Troy Kearns, Head of PTI Consulting - **Siemens**

Jean-Hugues Lapointe, Partner, Project Director - Energy & Resources, Power System Studies - **CIMA+**

Robert Boone, Manager of Grid Modernization - **Nova Scotia Power**

Neetika Sathe, Vice President, GRE&T Centre, **Alectra Inc.**

9:30 am - 10:30 am

Harbour Suites

Breakout Session N: Applications of Nuclear and the Drive Towards Net Zero

Introduction: **Geneve Magnan**, Nuclear Engineering Student - **University of Michigan**

Michelle Robichaud, President - **Atlantica Centre for Energy**

Will Higgins, Technical Manager, Advanced Reactor Development, **NB Power**

9:30 am - 10:30 am

Atlantic Ballroom

Session 14: From Vehicles to the Grid: EVs as Energy Storage,

hosted by  **ENERGY STORAGE CANADA**

Moderator: **Leone Benson-King**, Manager, Communications & Member Relations - **Energy Storage Canada**

Trevor Hennigar, COO - **BlueGrid**

Mabel Fulford, Director, Innovation Partnerships - **Peak Power**

Krista Phillips, Head of Strategic Electrification, Natural Resources and Renewables - **Government of Nova Scotia**

Pierre Poulain, President and CEO - **Powertech Labs Inc.**

9:30 am - 10:30 am

Maritime Room

Breakout Session O: The Missing "How to Get There" - Five Calls to Action to Meet Decarbonization Goals, presented by



Presenter: **Ariel Heintze**, Electrical Engineer - **CBCL**

Sessions run concurrently. Please take note of the location of the session.

- 9:30 am - 10:30 am **Breakout Session P: Moving People: Clean Transportation Options for Every Day Trips in Nova Scotia**
Bedford Room
Eliza Jackson, Clean Transportation Analyst - Natural Resources and Renewables, -
Government of Nova Scotia
Ravi Kempaiah, CEO - **Zen Energy**
Laura White, Research Specialist - **Nova Scotia Community College**
Jeff Turner, Director of Mobility - **Dunsky Energy + Climate Advisors**
- 10:30 am - 11:00 am **Networking Break**
Mezzanine
- 11:00 am - 12:00 pm **Session 15: Exploring Successful Partnerships**
Introduction: **Daryl Genge**, President and CEO - **Springboard Atlantic**
Moderator: **Victoria Watson**, Project Manager - **Net Zero Atlantic**
Roby Douglas, President - **Natural Forces Solar**
Mihskakwan James Harper, Business Development Manager - **NRSstor Inc.**
Tristan Jackson, Consultant - **North Shore Mi'kmaq Tribal Council**
Michael Peters, CEO - **Glooscap Ventures**
- 11:00 am - 12:00 pm **Breakout Session Q: Digital Home Energy Labelling Programs, presented by **climative****
Harbour Suites
Winston Morton, CEO - **Climative.ai**
Lauren McNutt, Managing Consultant - **Dunsky Energy + Climate Advisors**
Glen Compton, Building Coordinator - **PEI Office of Net Zero**
Sara Mudge, Senior Technical Lead - **Énergie NB Power**
- 11:00 am - 12:00 pm **Session 16: Energy Storage Innovations, hosted by**  **ENERGY STORAGE CANADA**
Atlantic Ballroom
Moderator: **Alex Simakov**, Director of External Affairs - **Energy Storage Canada**
Ravi Gade, Founder & CEO - **ES Recycle & ES NetZero Solutions**
Josée Tremblay, Director - **Triple Point Resources**
Michael Metzger, Assistant Professor, Herzberg-Dahn Chair in Advanced Battery Research - **Dalhousie University**

Sessions run concurrently. Please take note of the location of the session.

- 11:00 am - 12:00 pm
Maritime Room
- Breakout Session R: Standardizing Renewable Energy Training Programs**
Moderator: **Mary MacLean**, Environment, Health & Safety (EHS) and Workforce Development Coordinator - **Canadian Renewable Energy Association**
Vilyen Pidgornyy, Special Projects Manager - **Electricity Human Resources Canada**
Andrew Lafford, Dean - School of Technology and Environment - **Nova Scotia Community College (NSCC)**
Sherry Scully, Director of Workforce Development - **Port of Halifax**
Toby Hall, Director of Construction, **SWEB Development LP**
- 11:30 am - 12:30 pm
Bedford Room
- Breakout Session S: Nova Scotia's Community Solar Program**
Julia Lindsay, A/Manager, Clean Electricity Community Solar Project Manager - **Department of Natural Resources and Renewables**
- 12:00 pm - 1:00 pm
Harbour Suites
- Breakout Session T: Net Zero 5-minute Pitch Challenge, Powered by**
Moderators: **Debbie Burke**, Strategic Connector - **CRIN** & **Amber Hark**, Manager, Member Engagement & Outreach - **CRIN**
Ravi Gade, Founder & CEO - **ES Recycle & ES NetZero Solutions**
Joe Lewis, President & Founding Partner - **BioBurn Pros Inc.**
Abdulganiyu Onabanjo, Product Manager - **iFormit**
- 
- 12:00 pm - 1:00 pm
Commonwealth Ballroom
- Session 17: Decarbonizing Canada's Buildings and Infrastructure**
Moderator: **Kevin Boutilier**, Manager of Community Energy - **Halifax Regional Municipality**
Sandra Odendahl, Senior Vice President and Head, Sustainability, Diversity and Partnerships - **BDC**
Kevin Radford, Senior Executive - **Deloitte**
Greg Robart, CEO - **Smart Grid Innovation Network Canada (SGIN)**
Jamie Chipp, Director Key Accounts and Customer Solutions - **Nova Scotia Power**
- 12:00 pm - 1:00 pm
Maritime Room
- Breakout Session U: Heat Pumps & Hybrid Heating Systems**
Moderator: **Kuljeet Grewal**, Assistant Professor - **University of Prince Edward Island**
Jordan MacNeil, Director, Energy Transition - **Eastward Energy**
Roberto Bosco, National Solution Sales Manager, Canada - **Armstrong Fluid Technology**
- 12:00 pm - 1:00 pm
Atlantic Ballroom
- Session 18: From End-to-End in Canada's Energy Storage Value Chain**
Moderator: **Patrick Bateman**, Consultant - **Energy Storage Canada**
Jason Rioux, Chief Development Officer - **NRStor**
Jennifer Tuck, VP Government and Regulatory Affairs - **Potentia Renewables**
Colm Boyle, Senior Associate - **BLG**
Michael Peters, CEO - **Glooscap Ventures**

Sessions run concurrently. Please take note of the location of the session.

1:00 pm - 2:30 pm

**Commonwealth
Ballroom &
Atlantic Ballroom**

Session 19: Luncheon Roundtable: Driving Collaborative Change in Canada

Introduction: **Matt Campbell**, Public Sector Energy & Environment Leader - **Deloitte**

Moderator: **Tonja Leach**, Executive Director - **Quest Canada**

Lauren McNutt, Managing Consultant - **Dunsky Energy + Climate Advisors**

David Layzell, Energy Systems Architect | Professor & Director, Canadian Energy Systems Analysis Research (CESAR) Initiative - **The Transition Accelerator |**

University of Calgary

Terri-Lynn Duque, Principal - **Ignite Energy Solutions**

Paul Rochon, Executive Advisor - **Deloitte**

Lunch is held in both the Commonwealth Ballroom and Atlantic Ballroom to accommodate all delegates. If one room is full, please proceed to the other.

2:30 pm - 3:30 pm

Mezzanine

Closing Cocktails

View the Breakout Session Descriptions!

**BREAKOUT
SESSIONS**

Smart Energy Event Advisory Board

Thank You!

Kevin Boutilier - Halifax Regional Municipality
Philippe Dunsy - Dunsy Energy + Climate Advisors
Terri-Lynn Duque - Ignite Energy Solutions
Forest Frizzel - Shifted Energy
Mark Kirby - Canadian Hydrogen and Fuel Cell Association
TJ Lawy - Ballard Energy Systems
David Layzell - The Transition Accelerator | University of Calgary
Tonja Leach - Quest Canada
Gordon McIntosh - Aberdeen International Associates
Shannon Miedema - Halifax Regional Municipality
Jeff Mocha - OEC
Ammar Nawaz - Alectra
Nalani Perry - Net Zero Atlantic
Sanjeev Pushkarna - Nova Scotia Power
Pratap Revuru - Schneider Electric
Michelle Robichaud - Atlantica Centre for Energy
Mark Wilson - Stantec

Student Poster Sessions

Smart Energy | Halifax is pleased to partner with Net Zero Atlantic to host a new post-secondary student poster presentations. We hope you'll come and meet this bright students and provide your valuable insights to their research.

Judging will take place April 15 at 2:00 pm and the winners will be announced at the end of the last session on April 15 in the Commonwealth Ballroom.

Brought to you by:



Sponsored by:



Abstracts

[See the Full Abstracts Here!](#)

Abstract 1: Evaluating an optimal integrated renewable energy supply chain with the incorporation of hydrogen storage for a small community

Mostafa Mostafavi Sani ✱, Hamid Afshari, and Ahmed Saif
Department of Industrial Engineering, Dalhousie University

Abstract 2: Renewable Energy Storage Systems for Nova Scotia: A Comparative Analysis and Feasibility Study

Mir Sultan, Master of Resource & Environmental Management (MREM), Dalhousie University

Abstract 3: Nova Scotia as a Clean Electricity Hub: An analysis of possible subsea cable interconnections with our neighbours

Michael Warebi Godwin, MASC student, Dalhousie University

Abstract 4: Developing an Emission Modeling Framework that Incorporates Vehicle Fuel Types Within the Integrated Transport Land-Use and Energy (iTLE) Modeling System

Kashfia Nahrin Nokshi, Graduate Research Assistant Department of Civil and Resource Engineering, Dalhousie University

Abstract 5: Municipal Transportation Roadmap Model (MTRM)

Harshavardhan Aleti, Master of Applied Science (MAsc.) Student, Dalhousie University

Abstract 6: A techno-economic analysis of the potential for the capture and transportation of carbon dioxide for utilization as an industrial feedstock in Nova Scotia

Augustine Okafor, Department of Electrical and Computer Engineering, Dalhousie University

Abstract 7: Study of Waste Heat Recovery System for Drain Water

Elie Latouf, Dalhousie University

Abstract 8: Who will Adopt Electric Vehicles in the Near Future

Hasan Shahrier, Civil and Resource Engineering Department, Dalhousie University

Abstract 9: Taking PEI's Oyster Industry to Net Zero

Matthew Martel & Kaileigh Hiltz, Applied Research Department, Holland College

Abstract 10: A Bi-level Model for the Urban Hydrogen Refueling Stations Problem

Mina Valaei, Industrial Engineering, Dalhousie University

Abstract 11: High Power Battery Characterization for Parameterization of Battery Management Systems

Mitch Gregory, Dr. Lukas Swan, Mechanical Engineering Department, Dalhousie University

Abstract 12: Nova Scotia's small woodlot owners can be encouraged through monetization means to become key players in our net-zero future

Muhammad Hassan Sharif, Dalhousie University

Abstract 13: Hybrid Machine Learning Inspired Digital Built Environment Generation for Energy Modeling

Noushad Ahamed Chittoor Mohammed, Sudipta Debnath, Kuljeet Singh Grewal, and Aitazaz Farooque, Faculty of Sustainable Design Engineering (FSDE), University of Prince Edward Island

Student Poster Sessions

[See the Full Abstracts Here!](#)

Abstract 14: Examining the Energy Security-equity Nexus in Nova Scotia's Transition to Electric Vehicles

Sheheryar Mubarak, Dalhousie University

Abstract 15: Community-Led Data Collection Approach for Neighborhood Energy Modeling

Sudipta Debnath, Noushad Ahamed Chittoor Mohammed, and Kuljeet Singh Grewal

Future Urban and Energy Lab for Sustainability (FUEL-S), Faculty of Sustainable Design Engineering (FSDE), University of Prince Edward Island

Abstract 16: A Priori Search of New Battery Physics

Shivam Beniwal and Penghao Xiao, Department of Physics and Atmospheric Science, Dalhousie University

Abstract 17: Towards Greener AI: Predictive Power Modeling and Optimization for Energy-Efficient GPU Computing

Saurabhsingh Rajput, Faculty of Computer Science, Dalhousie University

Abstract 18: Ensuring the Future of Forest-based Nature-based Solutions (NbS): A Monetization Policy with Predictive Modeling

Muhammad Hassan Sharif, Dalhousie University

For more information on 2025 submissions, visit [Net Zero Atlantic](#).



Monday, April 15

7:00 pm - 10:00 pm

WaterFront Warehouse

1549 Lower Water St



Must wear your Conference Badge to Enter.

Partner Profiles



Title Partner

Nova Scotia Power - An Emera Company

1223 Lower Water St, Halifax, NS

nspower.ca

Nova Scotia Power provides 95 per cent of the generation, transmission and distribution of electricity in Nova Scotia, and serve over 500,000 residential, commercial and industrial customers across the province. Their 1,700 dedicated, safety-focused employees help manage \$5 billion worth of generation, transmission and distribution assets and produce more than 10,000 gigawatt hours of electricity each year. They use a fuel mix including hydro, tidal, wind, coal, oil, biomass and natural gas to generate electricity. Their facilities can generate as much as 2,453 megawatts of electricity that is delivered across 32,000 km of transmission and distribution lines throughout Nova Scotia.



Platinum Partner

Government of Nova Scotia

1903 Barrington Street, Suite 2085, 2nd floor, Barrington Place, Halifax, NS

novascotia.ca

The Department of Natural Resources and Renewables has broad responsibilities related to the strategic management, promotion, development, and conservation of our province's biodiversity, forests, parks, energy and mineral resources. On behalf of all Nova Scotians, we want to make the most of our opportunities, while ensuring the environment is protected. The Department optimizes value from the sectors by creating partnerships with governments, industry and local communities.



Platinum Partner

AutoGrid, part of Uplight

2530 Junction Place, Boulder, CO 80301 Dartmouth, NS B2W 4M8

uplight.com

AutoGrid, acquired by Uplight in 2024, is committed to accelerating access to sustainable energy in order to combat the climate crisis. Their AI-driven software makes electric vehicles, batteries, rooftop solar, utility-scale wind and other distributed energy resources (DERs) smarter. By enabling prediction, optimization, and real-time control of millions of energy assets at an unprecedented scale, AutoGrid is making the vision of a decentralized, decarbonized, and democratized new energy world a reality.



Platinum Partner

AVEVA

Suite 400, 28 Quarry Park Boulevard SE, Calgary, Alberta

aveva.com

AVEVA is a global leader in industrial software, sparking ingenuity to drive responsible use of the world's resources. The company's secure industrial cloud platform and applications enable businesses to harness the power of their information and improve collaboration with customers, suppliers and partners. Now incorporating the PI System, more than 20,000 enterprises in over 100 countries rely on AVEVA software to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.



Platinum Partner

Schneider Electric

5985 McLaughlin Rd, Mississauga, ON

se.com

Schneider's purpose is to empower all to make the most of our energy and resources, bridging progress and sustainability for all. They call this Life Is On. Their mission is to be your digital partner for Sustainability and Efficiency. They drive digital transformation by integrating world-leading process and energy technologies, end-point to cloud connecting products, controls, software and services, across the entire lifecycle, enabling integrated company management, for homes, buildings, data centres, infrastructure and industries.

Partner Profiles



Diamond Partner

BDC

Suite 1400, 2000 Barrington Street, Halifax, NS

bdc.ca

As Canada's bank for entrepreneurs, BDC is a partner of choice for all entrepreneurs looking to access the financing and advice they need to build their businesses and tackle the big challenges of our time.



Diamond Partner

Deloitte

1741 Lower Water St, Halifax NS

deloitte.com

Deloitte is the world's largest professional services firm, providing a full range of energy transition advisory services with dedicated practices serving the Atlantic Canada's provincial governments, municipalities, power utilities, project developers and non-profits. Deloitte brings deep industry expertise to help our clients deliver end-to-end transformation on their path to a net-zero future, across major capital projects including offshore wind, renewables and grid integration, green hydrogen production and export, as well as smart grids, fleet electrification, and financial advisory for all of the above.



Diamond Partner

Dexter Construction Company Limited

Box 48100, Bedford, NS

dexter.ca

The construction arm of the Municipal Group of Companies, Dexter Construction originated in New Brunswick in 1961. Since then, Dexter has expanded its operations throughout Atlantic Canada and beyond, while remaining a locally owned and privately held company. We mobilize a fleet of modern equipment and an expert workforce comprised of thousands of qualified professionals and tradesmen— enabling us to successfully compete in any area of heavy civil construction. Dexter is consistently awarded large infrastructure projects in the province, which includes all manner of excavation work, grading, road structure materials production and placing, concrete placing, utility piping installation, natural gas line installation, bridge construction, road maintenance and rehabilitation, among many other capabilities.



Diamond Partner

Halifax Regional Municipality | HalifACT

1809 Barrington Street, 7th Floor

halifax.ca

The municipality's Environment & Climate Change team is dedicated to working with key partners and the public to ensure that future generations can enjoy a stable climate and healthy environment. The central focus of HalifACT, the municipality's climate action plan, is rapid decarbonization and the safeguarding of communities from current and future climate impacts. HalifACT is being implemented through a lens of equity and inclusion, prioritizing those most vulnerable.



Gold Partner

Clean Foundation

90 Alderney Drive, Dartmouth, NS

cleanfoundation.ca

Clean Foundation helps the communities in which they work make real progress toward a cleaner future by taking on climate change challenges. They bring specialized teams together to work on complex problems, delivering clean projects and programming. They're here to make the biggest impact for the communities they support.

Partner Profiles



Gold Partner

Efficiency One

230 Brownlow Ave., Suite 300, Dartmouth, NS
efficiencyone.ca

As Canada's bank for entrepreneurs, BDC is a partner of choice for all entrepreneurs looking to access the financing and advice they need to build their businesses and tackle the big challenges of our time.



Gold Partner

Springboard Atlantic

1344 Summer Street, Suite 125, Halifax, NS
springboardatlantic.ca

Springboard Atlantic, supported by ACOA, is Atlantic Canada's commercialization network representing the collective research and development capacity of 19 post-secondary institutions across the region. The network is designed to grow Atlantic Canada's innovation economy and address social challenges society faces through meaningful collaboration among post-secondary institutions and industry.



Gold Partner

Simply Blue Group

1701 Hollis Street, Suite 800, Halifax, NS
simplybluegroup.com

Simply Blue Group is a leading renewable energy developer headquartered in Ireland, with offices worldwide. They are a part of a global movement to replace fossil fuels with clean energy. Their dedicated Hydrogen and Sustainable Fuels Team is focused on the development of competitive sustainable fuels projects, which will use green energy to produce sustainable fuels targeted at aviation and marine transport.



Gold Partner

Stantec

835 Paramount Dr. Suite 200, Stoney Creek, ON
stantec.com

Stantec is involved in the next wave of nuclear power through small modular reactors (SMRs) that can contribute to the energy transition. Their Energy business focuses on sustainable and economic solutions, aligning with the strategic goals of the energy transition. Small modular reactors are highlighted as a potential key element in electrification and decarbonization efforts, presenting a new generation of nuclear power. Stantec actively explores trends, innovations, and challenges in the energy sector, contributing to the shaping of energy industries.halifax.ca



Silver Partner

Dunsky Energy + Climate Advisors

50 Ste-Catherine St. West, Suite 420, Montreal, QC
dunsky.com

Dunsky Energy + Climate Advisors provides top-level research, analysis and strategic counsel in support of their clients' clean energy and climate goals, with a focus on buildings, mobility, industry and energy.



Silver Partner

Investissement Québec International

1001, boulevard Robert-Bourassa, Bureau 1000, Montréal, QC
investquebec.com

Québec is a Strategic Business Partner for its diversified economy and its strategic location. Investissement Québec International is the go-to partner for Québec-based and foreign businesses seeking to set up or do business in the province. Also, proud to support business innovation, entrepreneurship and play a vital role in ensuring the growth of investments and the acceleration of exports for Quebec businesses in Canada and internationally.

Partner Profiles



Silver Partner

SWEB Development LP

6080 Young Street, Suite 403, Halifax, NS
swebdevelopment.ca

SWEB Development LP is an IPP based in Halifax, NS, and is comprised of a team of renewable energy professionals who are passionate about community, the environment, and shared social values. SWEB Development is the North American subsidiary of W.E.B, an Austrian, community-owned energy transition company. W.E.B operates a total of 266 wind energy, 43 photovoltaic, and 3 small hydroelectric power plants throughout Europe and North America.



Silver Partner

Siemens Canada Limited

1577 North Service Road East, Oakville, ON
siemens.com

Siemens Canada is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation and advanced healthcare, the company creates technology with purpose. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, to transform the everyday for billions of people.



Silver Partner

Liberty

440 Wilsey Rd Suite 101, Fredericton, NB
naturalgasnb.com

Liberty is committed to providing safe and reliable natural gas, water, and electricity distribution and services to over one million customer connections across four countries. In New Brunswick, Liberty provides natural gas to over 12,500 customers in 14 communities and operates the Tinker hydro-electric dam and transmission system.



Silver Partner

RES

5605 Av. de Gaspé, Suite 508, Montréal, QC
res-group.com

RES is the largest independent renewable energy company in the world, specializing in greenfield development, construction, operations and maintenance across utility-scale wind, solar, transmission/distribution, battery storage, and green hydrogen technologies. Founded in 1981, RES has over 2,500 employees, and has developed a portfolio spanning 10 countries, including 23GW of generation assets, as well as an additional 12GW under RES operational support.



Silver Partner

Electricity Human Resources Canada (EHRC)

5605 Suite 105, 955 Green Valley Crescent, Ottawa, ON
ehrc.ca

Electricity Human Resources Canada (EHRC) is a national, not-for-profit organization that conducts research and develops tools to support the human resources challenges and opportunities in the electricity and renewable sectors. Since 2005, EHRC has been creating partnerships between business, labour, education and government. Its mission is to strengthen the ability of the Canadian electricity industry to meet current and future needs for a highly skilled, safety focused, diverse and productive workforce. The sector employs over 110,000 people across Canada who are responsible for the generation, transmission and distribution of electricity. This work represents a critical component of the Canadian economy, infrastructure and the standard of living for all Canadians.

Partner Profiles



Silver Partner

NSCC Applied Research

5685 Leeds Street, Halifax, NS
nsc.ca

NSCC Applied Research develops practical solutions for industry's real-world challenges. Our expert research team and network of students from some of the College's most advanced programs, help industry improve their products, enhance processes and grow their businesses. We have a particular focus on helping meet sustainability goals, including in energy, engineered systems, agriculture, cartography, and information technology.



Silver Partner

Clean Resource Innovation Network

112 4th Avenue SW, Suite 1500, Calgary, A
cleanresourceinnovation.com

The Clean Resource Innovation Network (CRIN) is a pan-Canadian network founded to enable clean energy development by commercializing and adopting technologies for the oil and gas industry. We bring together diverse expertise from industry, entrepreneurs, investors, academia, governments, and many others to enable solutions that improve the industry's environmental and economic performance.



Bronze Partner

CAA Atlantic

330 John Savage Ave, Dartmouth, NS
atlantic.caa.ca

At CAA Atlantic, we support making vehicles more fuel efficient and reducing transportation emissions - especially the development of electric vehicles. That's why we've gone out of our way to specialize in the unique needs of electric vehicles and their owners.



Bronze Partner

CLEAResult Canada Inc.

393 University Ave #1622, Toronto, ON
clearesult.com

CLEAResult is the largest provider of energy efficiency, energy transition and decarbonization solutions in North America. Since 2003, their mission has been to change the way people use energy. Today, their experts lead the transition to a sustainable, equitable, and carbon-neutral future for their communities and our planet. Their hometown teams collaborate with a diverse network of local partners to deliver world-class technology and personalized services that make it easy for commercial and industrial businesses, governments, utilities and residential customers to reduce their energy use and carbon footprint.



Bronze Partner

Climative

527 Queen St, Fredericton, NB
climative.ai

Climative is a clean tech company using AI-assisted digital energy assessments and blockchain to accelerate the decarbonization of the built environment. They create low-carbon plans for every building, which can be securely shared and updated by homeowners and those who support them to make better, faster decisions to reduce the carbon footprint of the built environment.



Bronze Partner

CBCL

1505 Barrington Street, Suite 901, Halifax, NS
cbcl.ca

Solutions Today | Tomorrow IN Mind is CBCL's promise. An employee-owned firm, they're committed to creating positive, lasting impacts on people and our planet by providing multidisciplinary engineering, environmental, and geotechnical consulting services for Bridges, Buildings, Coastal, Climate Resilience, Environmental, Geotechnical, Industrial, Municipal, Ports & Marine, Sustainability, Transportation, and Water.

Partner Profiles



Bronze Partner

Eastpoint

1801 Hollis St., Suite 1500, Halifax, NS

eastpoint.ca

EastPoint, a Halifax-based engineering firm, excels in projects spanning medium voltage distribution to renewable systems such as battery storage, grid connected solar PV, and microgrids. Providing feasibility studies, energy assessments, and detailed designs, our team prioritizes building resilience and future capacity to meet evolving energy needs in the electrification era.



Bronze Partner

SOFIAC

100, King Street West, Suite 5600, Toronto, ON

sofiac.ca

SOFIAC develops, manages and invests in major decarbonization and energy retrofits to the benefit of companies in the across all sectors including commercial, industrial, public and multi residential. Thanks to their unique solution they take charge of and assume 100 percent of the costs and risks for all project phases. Their approach is based on independently measured performance and requires NO investment from clients; project costs are reimbursed solely through a portion of generated savings.



Bronze Partner

Eastward Energy

144 Thornhill Dr, Dartmouth, NS

eastwardenergy.com

Since 2003, Eastward Energy has been providing safe, reliable, and convenient natural gas to Nova Scotian homes, businesses, and industries. Eastward Energy is focused on the future of energy, aiming to develop solutions that support Nova Scotia's transition to net-zero emissions, creating a more sustainable and efficient energy future.



Bronze Partner

Government of Nova Scotia

1903 Barrington Street, Suite 2085, 2nd floor, Barrington Place, Halifax, NS

novascotia.ca

Nova Scotia Environment and Climate Change's role is to protect the environment, human health and farm animal welfare through regulatory excellence, conservation, partnership, and promotion. To achieve this, we strive to develop legislation, regulations and policies, process notifications, applications, and approvals for regulated activities based on sound scientific knowledge and expertise.



Central Ontario & Atlantic Canada

Bronze Partner

Swagelok Ontario | Atlantic Canada

36 King Street, Saint John, NB

atlantic.swagelok.com

Swagelok Ontario | Atlantic Canada provides fluid system products, assemblies, and services across a wide breadth of Clean Energy industries and applications. Including: Hydrogen Electrolyzers, Refueling Stations (including Dispensers and Priority/Cascade Panels), Virtual Pipelines/Tube Trailers, Analyzers and Sampling Systems, Electric Vehicle Battery Manufacturing.



Bronze Partner

Verschuren Centre

1250 Grand Lake Rd., Sydney, NS

verschurencentre.ca

The Verschuren Centre is an independent clean technology development and deployment facility, located in Sydney NS. Our goal is to provide customized services to assist companies in scaling and deploying sustainable solutions that meet industry needs. We strive to foster collaboration and a shared mission to accelerate the shift towards a green and circular economy. By matching technology to application, we aim to achieve net-zero targets in the most efficient way possible.

Partner Profiles



Community
Partner

Net Zero Atlantic

1209 Marginal Road, Halifax, NS
netzeroatlantic.ca

Net Zero Atlantic is leading applied research and providing credible and objective data and support services to advance Atlantic Canada's sustainable and inclusive transition to a carbon-neutral future. They produce credible and objective data to inform sound policies and decisions related to critical topics currently including, but not limited to, hydrogen, offshore wind, geothermal energy, tidal energy, and energy system modeling.



Community
Partner

Energy Storage Canada

777 Bay Street, Unit C208B, Toronto, ON
energystoragecanada.org

Founded in 2016, Energy Storage Canada (ESC) is a not-for-profit organization and the only national trade association in Canada dedicated solely to the growth and market development of the country's energy storage sector as a means of accelerating the realization of Canada's ongoing energy transition and Net Zero goals through advocacy, education, collaboration, and research.

Exhibitor Profiles



Booth 11

Aspin Kemp & Associates Inc.

23 Brook Street, Montague, PEI
aka-group.com

AKA Energy Systems (Aspin Kemp & Associates Inc.) is an energy systems provider delivering innovative solutions to island and microgrid power systems. AKA designs, manufactures, and supports power and propulsion assets for marine, Offshore O&G, and land-based industries. AKA has shifted the paradigm for fuel efficiency and reliability in offshore drilling with proven fuel savings of over 50% and similar results in marine and land-based microgrids.



Booth 2

Armstrong Fluid Technology

23 Bertrand Avenue, Toronto, ON
armstrongfluidtechnology.com

Armstrong Fluid Technology is a global leader in providing the built environment with fluid flow, energy transfer, demand-based automation, HVAC system optimization and fire safety solutions. The organization is known as an innovator in the design, engineering and manufacturing of intelligent fluid flow equipment, control solutions and optimization technologies.



Booth 9

Caliber Communications

175-12318 Barlow Trail NE, Calgary, AB
calibercommunications.ca

Our live remote video monitoring platform is focused on one primary objective: the early detection and deterrence of criminal activity before it happens. Our team of expert hardware & software engineers have created an innovative and proprietary security surveillance platform that synergizes the near limitless potential of technology and the intuitive recognition of a human operator... all for an affordable price when compared to the traditional security offerings available on the market.

Exhibitor Profiles



Booth 13

CubeBESS

87 Hartwell Way, Aurora, ON

netzeroatlantic.ca

With a decade of BESS deployment know-how, CubeBESS is a leading energy storage system supplier with expertise on continuous safety improvement and TCO (Total cost of Ownership) saving. Based in Ontario, we strive to provide simple, all-inclusive, plug-and-play BESS solutions. With our comprehensive support service availability, we team with customers delivering safe, resilient and sustainable microgrids.



Booth 4

Green Cat Renewables Canada Corporation

1701 Hollis St, Halifax, NS

greencatrenewables.ca

The GCR team comprises 20+ in the Calgary and Halifax offices and over 100 technical staff in the UK offices. The Canadian team has a core capability for project development, permitting and stakeholder engagement, technical assessment, environmental surveys, project design and engineering design.



Booth 6

Liveable Cities

84 Chain Lake Drive, Suite 403, Halifax, NS

liveablecities.com

Liveable Cities is a division of LED Roadway Lighting Ltd., a Canadian-owned and operated clean technology company. Founded in 2007, the company is headquartered in Halifax, Nova Scotia, with the primary manufacturing facility in Amherst, Nova Scotia. Liveable Cities improves lives by developing new technologies that make cities safer, efficient, and more liveable. Liveable cities leverage streetlights' locations to develop and deploy advanced smart city solutions that create powerful data and insights to support community decision-makers.



Booth 10

Natural Forces Solar

1801 Hollis Street, Suite 1205, Halifax, NS

naturalforcessolar.ca

Natural Forces Solar is an engineering, procurement, construction, & maintenance company specializing in distributed renewable energy systems such as solar PV, battery energy storage, EV fast charging, and microgrids. We are based in Dartmouth, NS and work on projects across Canada, Ireland, and France.



Booth 7

NV5 Geospatial

421 SW 6th Avenue, Ste. 800, Portland, Oregon

nv5.com

NV5 Geospatial is a provider of geospatial services, providing end-to-end solutions and insights to organizations that need geospatial intelligence to mitigate risk, plan for growth, better manage resources and advance scientific understanding. We combine the widest array of advanced remote sensing technologies with proprietary processes, analytics tools, algorithms, and analyses tailored to meet our clients' needs.



Booth 5

BlueGrid

1209 Marginal Road, Halifax NS, Canada

bluegrid.energy

Rimot is a progressive Canadian company developing vessel-to-grid (V2G) technology to unlock the full environmental and economic value of marine vessel electrification for both vessel owners and the electric grid. Rimot's BlueGrid V2G technology turns marine vessels into virtual power plants for utility-grade energy storage. They believe bluer oceans and greener energy matter.

Exhibitor Profiles

Renewall



Booth 3

Renewall Energy

84 Chainlake Drive, Suite 102, Bayers Lake, Halifax, NS

renewallenergy.ca

Renewall, a Renewable to Retail electricity licence holder, is providing Nova Scotians the choice of where to purchase their electricity. Our growing organization will sell 100% locally produced clean energy to power homes and businesses by 2025. We are a one stop shop for your energy needs!



Booth 12

Schweitzer Engineering Laboratories, Inc. (SEL)

65 Cedar Pointe Drive, Units 804-805, Barrie, ON

selinc.com

Schweitzer Engineering Laboratories, Inc. (SEL) works to make electric power safer, more reliable, and more economical. They provide products, solutions, and services for the protection, monitoring, control, automation, security, communications, and metering of electric power systems worldwide. All SEL products include a ten-year worldwide warranty and exceptional customer support.



Booth 1

Zen Electric Bikes

1 Research Drive, Dartmouth, NS

zenebikes.ca

Founding team in Zen is not only electric bike evangelists but also subject matter experts in the field. Zen co-founders include a battery research scientist, principal motor engineer with decade long experience in electric vehicles and tech solution architect. Zen advisory board includes Dr. Jeff Dahn, who is currently the NSERC/Tesla Canada Inc. Industrial Research Chair and Canada Research Chair in Materials for Advanced Batteries and current and former CEOs of chemical and materials companies.



SmartEnergy

Halifax

April 15 & 16, 2024