Call for Oral Presentations and Posters
2024 Atlantic Canadian Conference in Energy System Modelling
Closes March 29, 2024

Energy system modelling experts, you are invited to submit an abstract for their oral presentation and poster that showcases your modelling results and insights related to one or more of the six key topics listed below.

Selected modellers will present a session on their topic at the Atlantic Canadian Conference in Energy System Modelling, June 19-20, 2024, at Delta Hotels by Marriott Beausejour, 750 Main Street, Moncton, N.B.

THE OPPORTUNITY

At the 2024 Atlantic Canadian Conference in Energy System Modelling, professionals and policymakers are gathering to explore the latest results and possible applications of energy system modelling.

STEP ONE: SELECT A TOPIC

Topic 1 - The Future Unveiled: Modelling Deep Changes in Energy Systems
This panel sets the stage for discussing the profound transformations underway in energy systems. It focuses on how energy modelling is uncovering new insights in technology adoption, demographic shifts, and grid resilience, underscoring the need for policymakers to understand these deep changes.
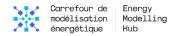
Topic 2 - Scenarios of Uncertainty: Navigating Through Emerging Energy Trends
Dedicated to exploring future scenarios, this panel discusses the challenges and uncertainties in predicting energy trends. It highlights the role of energy models in illuminating these paths and the importance of adaptable and responsive policy frameworks in an evolving energy landscape.

Themes: Impact of Demographic Changes, Integration of Non-Power Sectors, Distributed Energy Resources (DERs) in Atlantic Canada, Distributed Energy Resources (DERs) in Atlantic Canada

Topic 3 - Resilient Grids for Dynamic Future: Addressing Variable and Stability
This panel delves into the technical aspects of ensuring grid resilience amid deep changes, particularly with the integration of variable renewables. It will discuss the importance of short-timescale modelling and how these insights can guide policy decisions for stable energy supply.

For more information on the call for abstracts, contact Nalani Perry at nperry@netzeroatlantic.ca

Themes: Adoption of New Technologies, Technological Advancements (such as grid modernization and emerging energy technologies), Ensuring Grid Resilience: Short-Timescale Modeling for Stable Power.

Topic 4 - Collaborating in Action: Bridging Energy Modelling with Policy Agility

Focusing on the synergy between energy modelling and policymaking, this panel emphasizes the need for collaboration in the face of deep changes. Discussions will center on how government officials can use modelling insights to remain agile and effective in policy formulation and intervention.

Themes: Regulatory Roadmap: Adapting Policies for High Electrification and High Adoption of Variable Renewables, From Winds to Watts: Efficiently Representing Variable Parameters in Energy Models

Topic 5 - Adapting to New Realities: Policy Shifts in the Wake of Technological and Behavioural Changes

This panel will explore how policy needs to adapt to the realities of technological advancements and behavioural changes. It will discuss scenarios like the implications of eliminating a carbon tax and how energy models can inform these significant policy transitions.

Themes: Impact of Demographic Changes, Challenges and Opportunities Presented by Changes in Policy (like life without a carbon tax), Behavioural Change

Topic 6 - From Modelling to Action: Translating Insights into Sustainable Policies

The final panel will bridge the gap between modelling and actionable strategies. It will focus on how insights from energy models can be translated into sustainable and agile policies, ensuring effective responses to the deep changes impacting the energy sector.

Themes: Decarbonization Dilemmas: Affordable Solutions for Atlantic Canada

STEP TWO: SUBMIT ABSTRACT

Submit an abstract of the research you plan to present as an oral presentation and poster by **Friday, March 29, 2024**, using the following link: https://forms.gle/VnBKBS9XAemudbX87. Your research should focus on one of two themes.

You will be notified by **Friday, April 19, 2024**, if your abstract has been approved.

For more information on the call for abstracts, contact Nalani Perry at nperry@netzeroatlantic.ca