



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

Contribution ID: 346

Type: **Invited Speaker / Conférencier(ère) invité(e)**

A strategic approach for Canada to achieving carbon neutrality

Tuesday 10 June 2025 14:15 (30 minutes)

Like most wealthy countries, Canada has committed to achieving carbon neutrality by 2050. Reaching this target requires a fundamental reassessment of our energy system and the abandonment of partial greenhouse gas (GHG) reduction strategies, through energy efficiency, that have dominated the transition in recent years. As we move forward, analyses suggest that achieving this transformation by 2050 will require strategic approaches that integrate both sectoral and systemic perspectives, going far beyond a mere collection of individual actions.

Drawing on, among other sources, the findings of the 3rd edition of *Canadian Energy Outlook* from the Institut de l'énergie Trottier(*) and of the Transition Accelerator, I will discuss the challenges and potential approaches to achieving carbon neutrality, focusing on recent trends, technological evolutions and analyses of the infrastructures needed to reach net-zero by 2050. I will conclude on what Canada can benefit and lose in going forward irrespective of the current political situation.

- S. Langlois-Bertrand, N. Mousseau and L. Beaumier (Eds.), *Canadian Energy Outlook* 3rd edition, Institut de l'énergie Trottier –Polytechnique Montréal. <http://iet.polymtl.ca/energy-outlook/>

Keyword-1

Energy transition

Keyword-2

Energy modelling

Keyword-3

GHG emissions

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Session Classification: (DCMMP) T2-4 Special Session - Physics, Climate change, and the transition to sustainability / Physique, changement climatique et transition vers la durabilité (DPMCM)

Track Classification: Special Sessions / Sessions spéciales: Special Session - Physics, Climate change, and the transition to sustainability / Physique, changement climatique et transition vers la durabilité