



**Commission for Environmental Cooperation (CEC) of North America
Joint Public Advisory Committee (JPAC) Regular Session 16-02**

**Advancing Sustainable Clean Energy Cooperation in North America
7 November 2016**

**The Westin Ottawa
11 Colonel By Drive
Ottawa, Ontario, Canada, K1N 9H4
Tel.: 1-613-560-7000**

Provisional Agenda

Building on the *Leaders' Statement on a North American Climate, Clean Energy, and Environment Partnership*, as well as the *Memorandum of Understanding (MOU)* between Canada, Mexico and the United States concerning climate change and energy collaboration between the three NAFTA countries, this JPAC session will examine the links between innovation in clean energy and energy efficiency, in the context of addressing climate change and advancing clean and secure power.

Sustainable energy solutions must embrace the challenge of efficient transmission, delivery, and consumption, as well as clean energy choice and production. Efficiency and conservation are critical aspects of a clean and sustainable energy future. Without conservation efforts, including fuel-efficient products and high-efficiency lighting, clean energy alternatives remain constrained by the need to store energy for periods of high demand.

This JPAC session will bring together experts from industry, academia and government, as well as members of the wider public, to identify new opportunities for creating a coordinated clean and efficient energy future in North America.

What are the existing approaches for clean energy generation and consumption? How can we ensure that new technologies are adapted to the different realities of communities to ensure greater acceptance by all segments of society?

This session will gather perspectives on how to:

- ensure a balanced and objective analysis of environmental and social impacts when integrating clean energy solutions into the current energy mix;
- speed up the adoption and integration of existing sustainable clean energy technologies; and
- highlight the link between clean energy, energy efficiency and conservation technologies.

Monday, 7 November 2016

(Eastern Time)

- 7:30–8:30** **Registration of Participants** – *Governor General Foyer*
- 8:30–8:40** **Opening and Introductory Remarks**, by **Lindsay Brumwell**, JPAC Chair – *Governor General II & III*
- 8:40–9:10** **Opening Remarks**, by **Elizabeth McDonald**, President & CEO, Canadian Energy Efficiency Alliance
- 9:10–10:25** **Roundtable Discussion: Advancing Clean and Secure Energy: Update on viable clean energy sources and their current use in North America**

Advancing widespread clean energy and cooperation across North America is a crucial part of an effective, long-term response to our shared climate challenge. Following up on the North American MOU, this session will take a look at current energy options and explore how to provide affordable and reliable energy for everyone. Invited experts will provide a landscape of where we are at today in North America in terms of clean energy; identify areas of collaboration and/or opportunities across the continent; and address the role of energy efficiency and conservation policies to ensure greater clean energy access to more consumers. They will also address efforts to reduce carbon and other air emissions through energy efficiency and solar, wind, hydropower, biomass and nuclear generation.

Moderator: **Robert Varney**, JPAC member

Speakers:

- **David Martínez Biro**, JPAC member
- **Dale Austin**, Government Relations Manager, Cameco Corporation
- **Jorge Arturo Aburto Anell**, Direction of Biomass Transformation, *Instituto Mexicano del Petróleo*
- **Gary Sutherland**, Relationship Manager, Business Development, Acquisitions and Strategy Group, Hydro Québec
- **Nicolas Bossé**, Senior Vice President, Regulatory and Governmental Affairs, Brookfield Renewable

- 10:25–11:15** **Facilitated Discussion with panelists and members of the audience (in-person + online)**
- 11:15–11:30** **Networking Break**
- 11:30–12:15** **Roundtable Discussion: Improved Energy Efficiency—Why energy conservation is more important than ever** – *Governor General II & III*

Managing energy is more than just production and transmission: conservation and better use of energy by governments, industry and general consumers is an important

aspect to achieving emission reductions, while maintaining a reliable energy supply. Therefore, conservation and better use of clean energy will be essential. This session will look at challenges and opportunities taking place in North America.

Moderator: Gustavo Alanís-Ortega, JPAC member

Speakers:

- **Carlos Ortiz Gómez**, Director General for Research, Technological Development and Training of Human Resources, Ministry of Energy, Mexico
- **Graziella Siciliano**, US Coordinator of the CEM's Energy Management Working Group, US Department of Energy
- **Andrew Hejnar**, Energy Manager, 3M Canada

12:15–13:00 Facilitated Discussion with panelists and members of the audience (in-person + online)

13:00–14:00 Luncheon Presentation by Graham Campbell, President, Energy Council of Canada – *Governor General I*

14:00–14:45 Roundtable Discussion: Policy and Regulatory Paths – The collateral challenges of high-efficiency luminaires and intelligent control systems – Governor General II & III

The North American Climate, Clean Energy, and Environment Partnership Action Plan outlined several goals, including demand reduction through energy efficiency, and called for expanded research into clean technology and energy efficient buildings. Technologies such as LED lighting and intelligent climate controls offer important advantages in efficiency and demand reduction, and are seen as important tools for meeting regional efficiency goals. However, the introduction of these technologies raises compatibility challenges and may present important yet under-explored public health concerns. This panel will discuss these new technologies and highlight emerging policy considerations.

Moderator: Eric Dannenmaier, JPAC member

Speakers:

- **Kevin B. Martin**, Assistant Professor, Department of Technology, Northern Illinois University
- **Daryll Nazarene**, Director, Public Sector Lighting Solutions, Philips Lighting Canada
- **Juan Antonio Dorantes Sánchez**, Partner, Aguilar & Loera, S.C.

14:45–15:30 Facilitated Discussion with panelists and members of the audience (in-person + online)

15:30–15:45 Networking Break

15:45–16:45 “Lightning Round” on new research and potential policy related to clean energy technology and energy conservation – Governor General II & III

This one-hour “lightning round” will bring together experts from different fields in clean technology innovation and energy conservation to present solutions and corresponding policy recommendations.

- 16:45–17:00 Update on Submissions on Enforcement Matters**
- 17:00–17:10 Report from the National and Governmental Advisory Committee Representatives**
- 17:10–17:15 Closing Remarks, by Lindsay Brumwell, JPAC Chair**