



Canadian Advisory Committee on Energy Efficiency (CACEE)

November 30, 2016

Ontario Ministry of Energy Offices

Toronto, Ontario



Agenda

- Welcome and introductions
- Roundtable update
- Chair update
- Topics of common interest
 - Topic 1: Green Button
 - Topic 2: Alternative energy determination methods
 - Topic 3: CSA fast-track standards
 - Topic 4: Regulatory portal
- Conclusion and next steps



Roundtable

- Provide a short update on the following, as applicable
 - Current and planned activities related to equipment energy efficiency regulations;
 - Innovative work related to equipment energy efficiency (e.g. market transformation initiatives);
 - Emerging trends in certification including other collaborative sectors;
 - Update on new standards development activities/trends related to product/equipment energy efficiency;
 - Feedback for potential consideration by governments and accredited organizations.



Chair update

- CACEE Terms of Reference
- Regulatory Cooperation Council
- Energy Mines and Ministers Conference – recap previous day discussion
- Canadian Energy Strategy



Topic 1: Green button

- **Purpose:** Discuss certification as part of Ontario's Green Button Initiative
- **Objective:** Understand impacts on Certification Bodies and get feedback on proposal



Topic 2: Alternative energy determination method

- **Purpose:** Discuss plans to allow alternatives to regulated test procedures, including the U.S. Department of Energy process and Ontario's reference to deemed equivalency
- **Objective:** Understand impacts on Certification Bodies and get feedback on proposal



Proposal

- More flexibility in the energy efficiency verification requirement
- As an alternative to testing a product to the test procedure called up in Regulations, certification bodies could use:
 - An equivalent test method
 - ✓ ENERGY STAR test standard
 - ✓ U.S. federal or state test standard
 - ✓ Other equivalent international
 - Engineered mathematical modeling



Proposal

- NRCan is considering these options typical commercial products including:
 - Air conditioning
 - Refrigeration
 - Motors



What does this mean for certification bodies?

Equivalent test methods

- Thoughts on Ontario's approach to allowing the use of equivalent testing standards?
- Any concerns about this option?
- How would a test procedure be deemed equivalent?
- Timeline to implement after Regulations come into force?
- What would you need from NRCan to make this possible?



What does this mean for certification bodies?

Engineered Mathematical Modeling

- Would you be comfortable including this as part of your certification scheme?
- Would you consider modeling the U.S. AEDM or ARM programs?
- Any concerns regarding possible discrepancies between CBs?
The option in general?
- What do you need from NRCan to make this possible?
- Timeline to implement after Regulations come into force?



Topic 3: CSA fast track standards

- **Purpose:** Provide an update on work to streamline national standards development
- **Objective:** Understand how this fast-track process will be used and how it can help Canadian regulators achieve harmonization



Topic 4: Regulatory Portal

- **Purpose:** Discuss implementation of a regulatory portal.
- **Objective:** Seek feedback from stakeholders on what type of information is useful.



Conclusion and next steps

