



NATURAL RESOURCES CANADA - INVENTIVE BY NATURE

Canadian Advisory Committee on Energy Efficiency Meeting

June 17, 2014



Natural Resources
Canada

Ressources naturelles
Canada

Canada

Canada's *Energy Efficiency Regulations*

- The Government of Canada has a policy of regulatory alignment with the U.S.
- Given the integrated nature of the Canadian and U.S. markets for many of the products that we regulate under the *Energy Efficiency Regulations*, NRCan is working collaboratively with U.S. DOE to find ways to achieve closer alignment of our regulations, where appropriate.
- Each country will continue to develop regulations according to its own legal authorities and regulatory processes. For Canada, the regulatory authorities of the Minister of Natural Resources are defined by the *Energy Efficiency Act*.
- The *Energy Efficiency Act* requires that any amendments be pre-published, in the *Canada Gazette Part I*, as a proposal for a 75-day comment period, during which affected parties can submit written comments to inform potential changes to the proposal before it becomes final and published in the *Canada Gazette Part II*.



Amendment 13

- Amendment 13 is presently under development and will follow the standard consultative process, including the 75-day comment period, once the proposed amendment is pre-published.



Forward Plan: Amendment 13

Amendment 13 is proposing to:

▪ increase the stringency of MEPS for 15 currently regulated products:

- ✓ 1- chillers
- ✓ 2- commercial self-contained refrigeration products
- ✓ 3- gas water heaters
- ✓ 4- general service incandescent reflector lamps
- ✓ 5- general service fluorescent lamps
- ✓ 6- oil-fired water heaters
- ✓ 7- packaged terminal air-conditioners and heat pumps
- ✓ 8- room air-conditioners
- ✓ 9- residential refrigerators
- ✓ 10- residential freezers
- ✓ 11- residential dishwashers
- ✓ 12- residential clothes washers
- ✓ 13- residential clothes washer-dryers
- ✓ 14- commercial clothes washers, and
- ✓ 15- residential clothes dryers.

* With the exception of gas water heaters all standards are aligned with those in force or about to be in force in the U.S.



Forward Plan: Amendment 13

- introduce a standard for :
 - ✓ mercury vapour lamp ballasts used in outdoor applications that will have the same effect as the ban on mercury vapour lamps in the U.S.;
- update the scope, reporting and compliance requirements for 7 currently regulated products:
 - ✓ 1- exit signs,
 - ✓ 2- external power supplies,
 - ✓ 3- gas fireplaces,
 - ✓ 4- gas furnaces,
 - ✓ 5- general services lamps,
 - ✓ 6- large commercial air conditioners and large heat pumps,
 - ✓ 7- televisions to reflect updated standards both in the U.S and Canada;
- revisions to the current labelling requirement for many commonly used light bulbs; and
- re-format the Regulations to convey the regulations in a clear and easy-to-read format and eliminate references to out-of-date standards.

<http://www.nrcan.gc.ca/energy/regulations-codes-standards/6845>



Amendment 14

- We continue to work on Amendment 14.
- We intend to consult with affected parties in the near future regarding our preliminary proposals for each of the products listed in our forward regulatory plan.
- These consultations will inform the development of a formal proposal, which would be subsequently pre-published for a 75-day comment period.



Forward Plan: Amendment 14

Amendment 14 is proposing to:

- increase the stringency of MEPS and/or update reporting and compliance requirements for 6 currently regulated products:
 - ✓ 1- central air-conditioners and heat pumps
 - ✓ 2- vending machines
 - ✓ 3- oil furnaces
 - ✓ 4- fluorescent lamp ballasts
 - ✓ 5- dry-type transformers, and
 - ✓ 6- large air-conditioners and heat pumps



Forward Plan: Amendment 14

- introduce new MEPS and associated reporting and compliance requirements for 11 products:
 - ✓ 1- metal halide ballasts
 - ✓ 2- commercial boilers
 - ✓ 3- line voltage thermostats
 - ✓ 4- pre-rinse spray valves
 - ✓ 5- tankless gas water heaters
 - ✓ 6- commercial water heaters
 - ✓ 7- commercial refrigeration with remote condensing unit
 - ✓ 8- small electric motors
 - ✓ 9- microwave ovens
 - ✓ 10- walk-in refrigerators, and
 - ✓ 11- pool heaters

- prescribe an EnerGuide labelling requirement for televisions.

- These requirements will be aligned with standards in the U.S. unless there are unique Canadian circumstances.

<http://www.nrcan.gc.ca/energy/regulations-codes-standards/6845>



Regulatory Cooperation Council

- NRCan is working with the Canada-U.S. Regulatory Cooperation Council to advance Canada's ability to align energy efficiency regulations with those in the U.S.
- Some mechanisms being considered include:
 - ✓ powers to streamline NRCan's ability to regulate;
 - ✓ better use of incorporation by reference to maintain alignment;
 - ✓ identifying efficiencies in the current national standards making process;
 - ✓ greater collaboration with the U.S. in standards development (to reference jointly-made standards) and compliance operations.

This work may affect the form of future regulatory amendments.

- We will continue to consult with affected parties on a product-by-product basis to ensure the regulated community is given an opportunity to provide input that will help shape the development of new regulatory requirements.



THANK YOU

