

RCC Industry Panel – Energy Efficiency

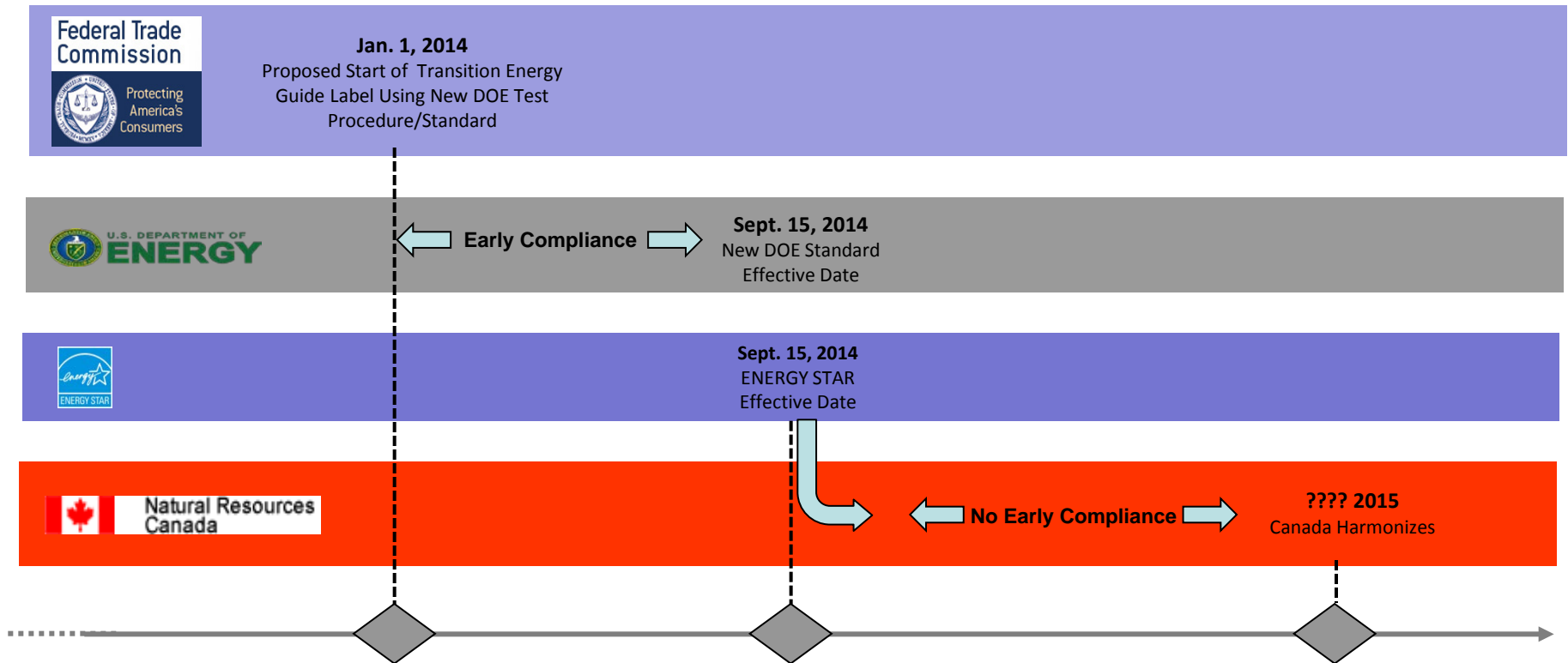
Presentation to RCC Stakeholder Dialogue Session
June 20, 2013

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Timeline: Need for Canada Harmonization

Refrigerator Example



Systemic Issue: Washers, Dryers and Dishwashers Face Similar Challenge

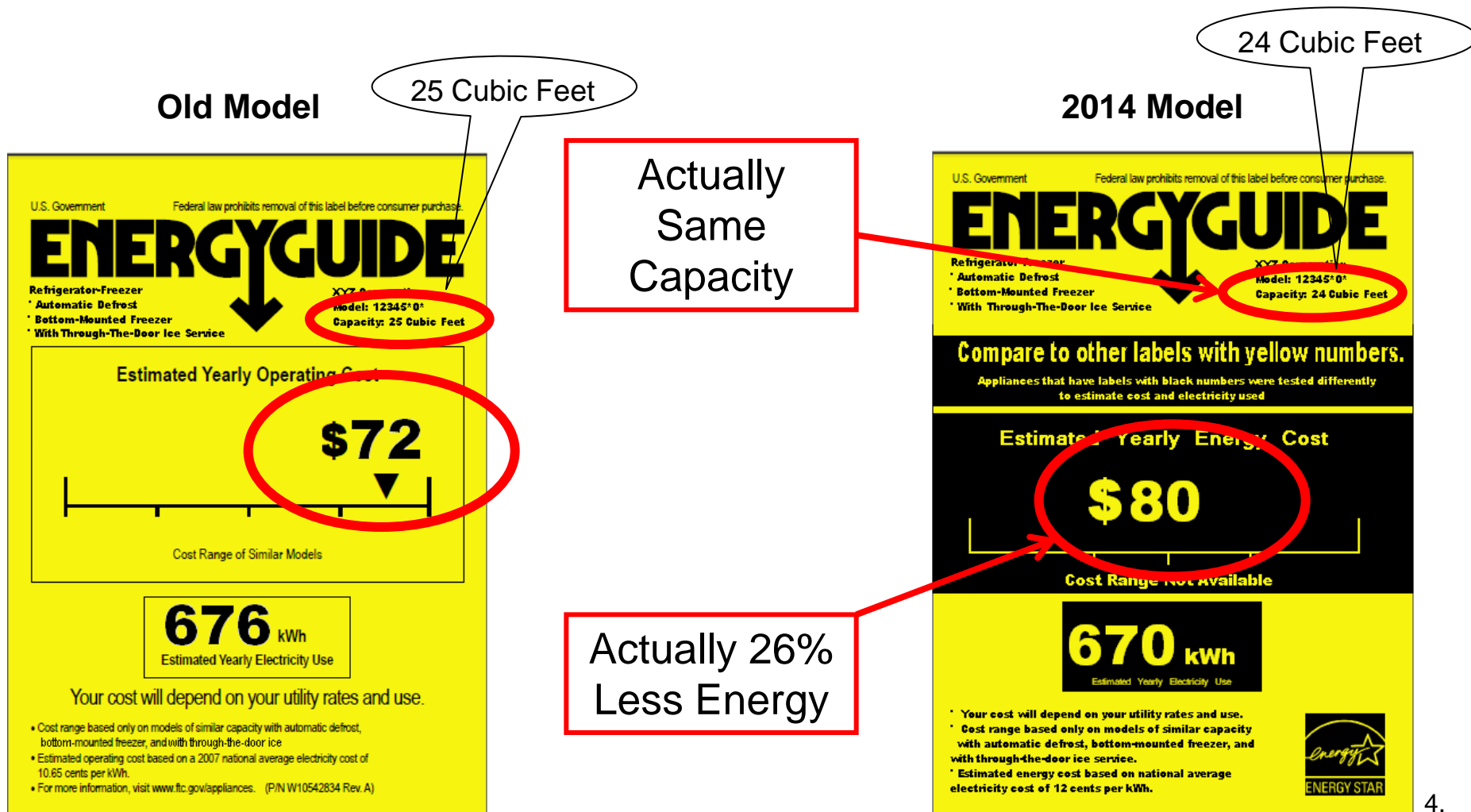
Issue: Canada and US Regulators Not Moving in Unison No longer working

Opportunity: Harmonized Regulatory Development (DOE & NRCAN)

Product	US	Canada
Clothes Washers	<ul style="list-style-type: none"> ✓ New Test Procedure <ul style="list-style-type: none"> ▪ Annual Cycles Change (392-295) ✓ New Standard <ul style="list-style-type: none"> ▪ Standby included ✓ Effective March 2015 	<ul style="list-style-type: none"> ✓ ENERGY STAR ✗ New Test Procedure ✗ New Standards ✗ Effective Date?
Dryers	<ul style="list-style-type: none"> ✓ New Test Procedure <ul style="list-style-type: none"> ▪ Annual Cycles Change (416-283) ✓ New Standard <ul style="list-style-type: none"> ▪ Standby included ▪ Lower rated energy ✓ Effective March 2015 	<ul style="list-style-type: none"> ✓ ENERGY STAR ✗ New Test Procedure ✗ New Standards ✗ Effective Date?
Dishwashers	<ul style="list-style-type: none"> ✓ New Test Procedure ✓ New Standard ✓ Effective May 2013 	<ul style="list-style-type: none"> ✓ ENERGY STAR ✗ New Test Procedure ✗ New Standards ✗ Effective Date?

US Transition Label Complexity

(Energy, Capacity, Cost of Electricity)



Double Sided Tag Confusion in 2014

Double-Sided Tag on Model With Ice Maker

New Standard Includes Ice Making Energy

U.S. Government Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Refrigerator-Freezer
* Automatic Defrost
* Bottom-Mounted Freezer
* With Through-The-Door Ice Service

XYZ Corporation
Model: 12345*0*
Capacity: 24 Cubic Feet

Compare to other labels with yellow numbers.
Appliances that have labels with black numbers were tested differently to estimate cost and electricity used

Estimated Yearly Energy Cost

\$80

Cost range Not Available

670 kWh

Estimated Yearly Electricity Use

* Your cost will depend on your utility rates and usage.
* Cost range based only on models of similar capacity with automatic defrost, bottom-mounted freezer, and with through-the-door ice service.
* Estimated energy cost based on national average electricity cost of 12 cents per kWh.

Canada

ENERGUIDE

Energy consumption / Consommation énergétique

514 kWh

per year / par année

95 kWh 492 kWh

Uses least energy / Consomme le moins d'énergie Uses most energy / Consomme le plus d'énergie

Similar models compared Standard / Ordinaire Modèles similaires comparés

Model number 0000 Numéro du modèle

Remove this label before first use. Lire et comprendre les renseignements avant l'achat. Enlever cette étiquette avant le premier achat au détail. Consultez une étiquette.

The ENERGY STAR® mark on this EnerGuide is an energy-efficient appliance. Its energy performance exceeds the Government of Canada's high efficiency EnerGuide rating to determine how this appliance compares to similar models.
La marque ENERGY STAR® sur cette étiquette indique que l'appareil est éconergétique et que son rendement satisfait ou dépasse les niveaux de haute efficacité du gouvernement du Canada. Utilisez la cote EnerGuide afin de comparer le rendement de l'appareil avec celui d'autres modèles similaires.

Same Model Same Energy

Impact: Increased Costs & Consumer Confusion

Issue: Impact varies for each standard change

Costs: Financial, human, economic, time, credibility

Manufacturers	Retailers
Perform Energy Test	Update Store Website
Update Internal Systems (SAP)	Change Floor Pricing Tag
Facilitate Retailer Transition	Update Systems
Transition Manufacturing Materials	Change Point of Purchase Materials on Floor
Create New Energy Tags	Change Floor Energy Tags
Create New Point of Purchase Materials	
Update User Manual, Serial Tag, Product Documentation	
Change Brochures, Catalog of Products	
Update Systems	
Create and Submit Certification Documentation	

Recommendation to Improve Harmonization

Objective: Bi-national, Less Burdensome Regulatory Framework that Maintains a Vibrant North American Marketplace.

1. Immediately Allow Early Compliance in Canada to Align with ENERGY STAR and DOE Test Procedures/Standards.
2. Develop Transitional Label -- Harmonize with FTC.
3. Develop Single Test Procedure Development (Incorporate By Reference).
4. Implement One-for-One Rule More Strategically to Reduce Cumulative Regulatory Burden.
 - *The intent was to “identify irritants to business that stem from federal regulatory requirements...to reduce the compliance burden on businesses...”¹*

¹ Message from Minister of State (Small Business and Tourism) in Red Tape Reduction Commission Report