

Appliance Equipment Standards Northwest Impact Study

Winter 2015 through Spring 2015

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Of the nearly 6,000 average megawatts of energy savings targeted over the next 20 years in the Sixth Power Plan, Northwest Power and Conservation Council staff has estimated that code upgrades and revisions to appliance standards could capture approximately 40 percent depending on scope, timing and stringency of adoption. BPA recently quantified 900 aMW of energy efficiency from appliance standards to 2034 from appliance standards above the Sixth Plan baseline.

This current project will estimate savings from the following rulemakings over a twenty year horizon:

- (1) Furnace Fans; (2) Automatic Ice Makers;
- (3) Commercial Water Heaters; (4) Ranges and Ovens;
- (5) Vending Machines; (6) Pool Heaters; (7) Small electric motors; (8) Residential Central Air Conditioner;
- (9) Clothes Dryers; (10) Room air conditioners;
- (11) Microwave Ovens; (12) External Power Supplies;
- (13) Metal Halide; (14) Walk-in Coolers and Freezers;
- (15) Commercial Refrigeration Equipment; and,
- (16) Oregon's battery chargers rulemaking.

Get involved!
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This project will enhance current models through developing a centralized commercial stock model as well as develop 16 new models. In addition, the project will develop user guides to enhance usability.

BPA will also develop a program guide for standards geared towards program and planning staff in the region. This program guide will take the complicated world of standards and provide clear guidance to program managers and planners to help inform future programmatic strategy. Utility feedback on specific areas of confusion in managing the rapid change in appliance standards will help make this guide as usable as possible.

PROGRAM GUIDE
 FOR STANDARDS
 WINTER 2015

DRAFT SAVINGS
 ESTIMATES
 WINTER 2015

MODEL USER
 GUIDES
 WINTER 2015

FINAL REPORT
 SPRING 2015