U.S. Environmental Protection Agency

ENERGY STAR® Labeled Products: Verification Testing

2014 Summary

In order to ensure that ENERGY STAR labeled products meet consumer performance expectations on an ongoing basis, a subset of models are subject to verification testing each year. This testing occurs through three complimentary programs, one of which is focused exclusively on lighting.

Verification Testing Rates

ENERGY STAR qualified products available for sale in the United States are subject to verification testing to ensure they continue to meet performance requirements. For the 2014 cycle, 2,070 models underwent verification testing. Of these:

- 1,933 models were tested through verification testing administered by EPA-recognized certification bodies (CBs). Further details on the verification testing process for CBs are available at www.energystar.gov/CBresources.
- 99 appliance, heating and cooling equipment, commercial food service equipment, and other models were tested through U.S. Department of Energy (DOE)-administered verification testing.
- 38 compact fluorescent lamp (CFL) models were tested through the ENERGY STAR CFL Third Party Testing and Verification program. Detailed reports with test results from Batch 4 will be available at www.energystar.gov/integrity.

The overall compliance rate was 97%. Table 1 provides a detailed summary of results.

Disqualification

ENERGY STAR qualified models that fail to meet ENERGY STAR requirements during verification testing are subject to EPA's disqualification procedures. In 2014, EPA disqualified 58 *unique* models as a result of verification testing. Additional, separately-branded versions of the 58 models were also disqualified. Table 2 summarizes the 58 unique disqualified models by product category.

The current lists of disqualified models are available at www.energystar.gov/integrity.

Table 1. 2014 Verification Testing Results

Product Category	Number of Models Tested
Appliances	
Clothes Dryers	1
Clothes Washers	37
Dishwashers	18
Refrigerators and Freezers	60
Total	116
Heating and Cooling	
Boilers	38
Central Air Conditioners and Air Source Heat Pumps (CAC ASHP)	84

Commercial Water Heaters	*13*
Dehumidifiers	*37*
Furnaces	*34*
Geothermal Heat Pumps	*26*
Light Commercial HVAC	*10*
Room Air Cleaners and Purifiers	*40*
Room Air Conditioners	*65*
Water Heaters	*30*
Total	**377**
Commercial Food Service	
Commercial Dishwashers	*10*
Commercial Fryers	*7*
Commercial Griddles	*6*
Commercial Hot Food Holding Cabinets	*8*
Commercial Ice Machines	*25*
Commercial Ovens	*2*
Commercial Refrigerators and Freezers	*75*
Commercial Steam Cookers	*5*
Total	**138**
Electronics and Office Equipment	
Audio/Video	*12*
Battery Charging Systems (BCSs)	*1*
Computers	*169*
Displays	*95*
Enterprise Servers	*7*
Imaging Equipment	*108*
Set-Top Boxes and Cable Boxes	*12*
Telephony	*16*
Televisions	*69*
Uninterruptable Power Supplies	*21*
Total	**510**
Lighting and Fans	
Ceiling Fans	*34*
Compact Fluorescent Lamps (CFLs)	*38*
Decorative Light Strings	*32*
Integral LED Lamps	*69*
Luminaires	*204*
Ventilating Fans	*45*
Total	**422**
Home Building Materials	
Roofs	*191*
Windows, Doors, and Skylights	*286*
Total	**477**
Other	

Pool Pumps	*9*
Vending Machines	*13*
Water Coolers	*8*
Total	**30**
Total Models Tested	**2,070**

Table 2. Number of Models Disqualified in 2014 by Product Category

Product Category	Number of Unique Disqualifications
Ceiling Fans	4
CFLs	11
Commercial Griddles	1
Commercial Refrigerators & Freezers	3
Computers	7
Furnaces	2
Geothermal Heat Pumps	1
Integral LED Lamps	3
Luminaires	14
Roof Products	2
Televisions	1
Ventilating Fans	7
Water Coolers	1
Windows, Doors, and Skylights	1
Total	*58*