

U.S. Environmental Protection Agency
ENERGY STAR® Labeled Products: Verification Testing
2015 Summary

In order to ensure that ENERGY STAR labeled products meet energy savings 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. In 2015, 1,789 models underwent verification testing. Of these:

- **1,767** 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.
- **21** appliance, heating and cooling equipment, commercial food service equipment, and other models were tested through [U.S. Department of Energy \(DOE\)-administered verification testing](#).
- **1** compact fluorescent lamp model was tested through the ENERGY STAR CFL Third Party Testing and Verification program. Detailed reports with test results are available at www.energystar.gov/integrity. **As of December 31, 2015, all ENERGY STAR CFL testing conducted through this separate testing and verification program has been completed.** All subsequent CFL verification testing will be conducted by EPA-recognized CBs.

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 2015, EPA disqualified 55 *unique* models as a result of verification testing. Additional, separately-branded versions of the 55 models were also disqualified. [Table 2](#) summarizes the 55 unique disqualified models by product category.

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

Table 1. 2015 Verification Testing Results

<i>Product Category</i>	<i>Number of Models Tested</i>
Clothes Dryers	4
Clothes Washers	13
Dishwashers	22
Refrigerators and Freezers	49
Total	88
Boilers	33

Central Air Conditioners and Air Source Heat Pumps (CAC ASHP)	65
Commercial Water Heaters	12
Dehumidifiers	52
Furnaces	56
Geothermal Heat Pumps	24
Light Commercial HVAC	6
Room Air Cleaners and Purifiers	54
Room Air Conditioners	76
Water Heaters	40
Total	418
Commercial Dishwashers	11
Commercial Fryers	9
Commercial Griddles	4
Commercial Hot Food Holding Cabinets	7
Commercial Ice Machines	21
Commercial Ovens	4
Commercial Refrigerators and Freezers	30
Commercial Steam Cookers	4
Total	90
Audio/Video	9
Computers	48
Displays	57
Enterprise Servers	7
Imaging Equipment	61
Small Networking Equipment	1
Telephony	1
Televisions	51
Uninterruptible Power Supplies	12
Total	247
Ceiling Fans	35
Compact Fluorescent Lamps (CFLs)	98
Decorative Light Strings	1
Integral LED Lamps	128
Luminaires	292
Ventilating Fans	42
Total	596
Roofs	188
Windows, Doors, and Skylights	143

Total	331
Pool Pumps	9
Vending Machines	3
Water Coolers	7
Total	19
Total Models Tested	1789

Table 2. Number of Models Disqualified in 2015 by Product Category

<i>Product Category</i>	<i>Number of Unique Disqualifications</i>
CAC/ASHP	1
Commercial Griddles	1
Commercial Refrigerators and Freezers	1
Decorative Light Strings	4
Dehumidifiers	2
Furnaces	1
Geothermal Heat Pumps	1
Lamps (CFLs)	3
Lamps (LEDs)	14
Luminaires	11
Roof Products	3
Room Air Conditioners	1
Televisions	2
Ventilating Fans	6
Water Coolers	2
Windows, Doors and Skylights	2
Totals	55