
HOUSE BILL 2416

State of Washington 61st Legislature 2010 Regular Session

By Representatives Morris, Chase, Eddy, Van De Wege, Morrell, Upthegrove, Simpson, Kenney, Hudgins, and Ormsby

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1 AN ACT Relating to efficiency standards for consumer products;
2 amending RCW 19.260.030, 19.260.040, and 19.260.050; and reenacting and
3 amending RCW 19.260.020.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 **Sec. 1.** RCW 19.260.020 and 2009 c 565 s 18 and 2009 c 501 s 1 are
6 each reenacted and amended to read as follows:

7 The definitions in this section apply throughout this chapter
8 unless the context clearly requires otherwise.

9 (1) "Automatic commercial ice cube machine" means a factory-made
10 assembly, not necessarily shipped in one package, consisting of a
11 condensing unit and ice-making section operating as an integrated unit
12 with means for making and harvesting ice cubes. It may also include
13 integrated components for storing or dispensing ice, or both.

14 (2) "Bottle-type water dispenser" means a water dispenser that uses
15 a bottle or reservoir as the source of potable water.

16 (3) "Commercial hot food holding cabinet" means a heated, fully
17 enclosed compartment, with one or more solid or partial glass doors,
18 that is designed to maintain the temperature of hot food that has been

1 cooked in a separate appliance. "Commercial hot food holding cabinet"
2 does not include heated glass merchandising cabinets, drawer warmers,
3 or cook and hold appliances.

4 (4)(a) "Commercial refrigerators and freezers" means refrigerators,
5 freezers, or refrigerator-freezers designed for use by commercial or
6 institutional facilities for the purpose of storing or merchandising
7 food products, beverages, or ice at specified temperatures that: (i)
8 Incorporate most components involved in the vapor-compression cycle and
9 the refrigerated compartment in a single cabinet; and (ii) may be
10 configured with either solid or transparent doors as a reach-in
11 cabinet, pass-through cabinet, roll-in cabinet, or roll-through
12 cabinet.

13 (b) "Commercial refrigerators and freezers" does not include: (i)
14 Products with 85 cubic feet or more of internal volume; (ii) walk-in
15 refrigerators or freezers; (iii) consumer products that are federally
16 regulated pursuant to 42 U.S.C. Sec. 6291 et seq.; (iv) products
17 without doors; or (v) freezers specifically designed for ice cream.

18 (5) "Compensation" means money or any other valuable thing,
19 regardless of form, received or to be received by a person for services
20 rendered.

21 (6) "Cook and hold appliance" means a multiple mode appliance
22 intended for cooking food that may be used to hold the temperature of
23 the food that has been cooked in the same appliance.

24 (7) "Department" means the department of commerce.

25 (8) "Drawer warmer" means an appliance that consists of one or more
26 heated drawers and that is designed to hold hot food that has been
27 cooked in a separate appliance at a specified temperature.

28 (9) "Heated glass merchandising cabinet" means an appliance with a
29 heated cabinet constructed of glass or clear plastic doors which, with
30 seventy percent or more clear area, is designed to display and maintain
31 the temperature of hot food that has been cooked in a separate
32 appliance.

33 (10) "Hot water dispenser" means a small electric water heater that
34 has a measured storage volume of no greater than one gallon.

35 (11) "Mini-tank electric water heater" means a small electric water
36 heater that has a measured storage volume of more than one gallon and
37 a rated storage volume of less than twenty gallons.

1 (12) "Pass-through cabinet" means a commercial refrigerator or
2 freezer with hinged or sliding doors on both the front and rear of the
3 unit.

4 (13) "Point-of-use water dispenser" means a water dispenser that
5 uses a pressurized water utility connection as the source of potable
6 water.

7 (14) "Pool heater" means an appliance designed for heating
8 nonpotable water contained at atmospheric pressure for swimming pools,
9 spas, hot tubs, and similar applications.

10 (15) "Portable electric spa" means a factory-built electric spa or
11 hot tub, supplied with equipment for heating and circulating water.

12 (16) "Reach-in cabinet" means a commercial refrigerator or freezer
13 with hinged or sliding doors or lids, but does not include roll-in or
14 roll-through cabinets or pass-through cabinets.

15 (17) "Residential pool pump" means a pump used to circulate and
16 filter pool water in order to maintain clarity and sanitation.

17 (18)(a) "Roll-in cabinet" means a commercial refrigerator or
18 freezer with hinged or sliding doors that allow wheeled racks of
19 product to be rolled into the unit.

20 (b) "Roll-through cabinet" means a commercial refrigerator or
21 freezer with hinged or sliding doors on two sides of the cabinet that
22 allow wheeled racks of product to be rolled through the unit.

23 (19) "Showerhead" means a device through which water is discharged
24 for a shower bath.

25 (20) "Showerhead tub spout diverter combination" means a group of
26 plumbing fittings sold as a matched set and consisting of a control
27 valve, a tub spout diverter, and a showerhead.

28 (21) "State-regulated incandescent reflector lamp" means a lamp
29 that is not colored or designed for rough or vibration service
30 applications, has an inner reflective coating on the outer bulb to
31 direct the light, an E26 medium screw base, a rated voltage or voltage
32 range that lies at least partially within 115 to 130 volts, and falls
33 into one of the following categories:

34 (a) A bulged reflector or elliptical reflector bulb shape and which
35 has a diameter which equals or exceeds 2.25 inches; or

36 (b) A reflector, parabolic aluminized reflector, or similar bulb
37 shape and which has a diameter of 2.25 to 2.75 inches.

1 (22) "Tub spout diverter" means a device designed to stop the flow
2 of water into a bathtub and to divert it so that the water discharges
3 through a showerhead.

4 (23) "Wine chillers designed and sold for use by an individual"
5 means refrigerators designed and sold for the cooling and storage of
6 wine by an individual.

7 (24) "Audio standby-passive mode" means the appliance is connected
8 to a power source, produces neither sound nor performs any mechanical
9 function (e.g., playing, recording), but may be switched into another
10 mode with the remote control unit or an internal signal.

11 (25) "Boiler" means a space heater that is a self-contained
12 appliance for supplying steam or hot water primarily intended for space
13 heating. "Boiler" does not include hot water supply boilers.

14 (26) "Ceiling fan" means a nonportable device that is suspended
15 from a ceiling for circulating air via the rotation of fan blades.

16 (27) "Ceiling fan light kit" means equipment designed to provide
17 light from a ceiling fan that can be:

18 (a) Integral, such that the equipment is attached to the ceiling
19 fan prior to the time of retail sale; or

20 (b) Attachable, such that at the time of retail sale the equipment
21 is not physically attached to the ceiling fan, but may be included
22 inside the ceiling fan at the time of sale or sold separately for
23 subsequent attachment to the fan.

24 (28)(a) "Class A external power supply" means an external power
25 supply circuit that is used to convert household electric current into
26 DC current or lower voltage AC current to operate a consumer product
27 and that:

28 (i) Is designed to convert line voltage AC input into lower voltage
29 AC or DC output;

30 (ii) Is able to convert to only one AC or DC output voltage at a
31 time;

32 (iii) Is sold with, or intended to be used with, a separate end-use
33 product that constitutes the primary load;

34 (iv) Is contained in a separate physical enclosure from the end-use
35 product;

36 (v) Is connected to the end-use product via a removable or hard-
37 wired male/female electrical connection, cable, cord, or wiring;

1 (vi) Has nameplate output power that is less than or equal to two
2 hundred fifty watts; and

3 (vii) Is a federally regulated external power supply.

4 (b) The term "class A external power supply" does not include a
5 device that requires federal food and drug administration listing and
6 approval as a medical device in accordance with section 513 of the
7 federal food, drug, and cosmetic act (21 U.S.C. 360c), or a device that
8 powers the charger of a detachable battery pack or charges the battery
9 of a product that is fully or primarily motor operated.

10 (29) "Compact audio product" means an integrated audio system
11 encased in a single housing that includes an amplifier and radio tuner,
12 attachable or separable speakers, and can reproduce audio from one or
13 more of the following media: Magnetic tape, CD, DVD, or flash memory.
14 "Compact audio product" does not include products that can be
15 independently powered by internal batteries or that have a powered
16 external satellite antenna, or that can provide a video output signal.

17 (30) "Compact fluorescent" means a fluorescent lamp typically
18 designed to replace general service incandescent lamps, but may include
19 sizes that replace conventional linear fluorescent lamps in smaller
20 luminaires, and are typically less than twenty-four inches in length.

21 (31) "Digital versatile disc (DVD)" means a laser-encoded plastic
22 medium capable of storing a large amount of digital audio, video, and
23 computer data.

24 (32) "Digital versatile disc player" or "DVD player" means a
25 commercially available electronic product encased in a single housing
26 that includes an integral power supply and for which the sole purpose
27 is the production or recording of digitized video signals on a DVD.
28 "DVD recorder" does not include models that have an electronic
29 programming guide function.

30 (33) "Digital video recorder (DVR)" means a device that can record
31 video signals onto a hard disk drive or other device that can store the
32 images digitally. "DVR" does not include models that have an
33 electronic programming guide function.

34 (34) "Distribution transformer" means a transformer that:

35 (a) Has an input voltage of 34.5 kV or less;

36 (b) Has an output voltage of 600 V or less;

37 (c) Is rated for operation at a frequency of 60 Hz; and

1 (d) Has a capacity of 10 kVA to 2500 kVA for liquid-immersed units
2 and 15 kVA to 2500 kVA for dry-type units; but

3 (e) The term "distribution transformer" does not include a
4 transformer that is an:

5 (i) Autotransformer;

6 (ii) Drive (isolation) transformer;

7 (iii) Grounding transformer;

8 (iv) Machine-tool (control) transformer;

9 (v) Nonventilated transformer;

10 (vi) Rectifier transformer;

11 (vii) Regulating transformer;

12 (viii) Sealed transformer;

13 (ix) Special-impedance transformer;

14 (x) Testing transformer;

15 (xi) Transformer with tap range of twenty percent or more;

16 (xii) Uninterruptible power supply transformer; or

17 (xiii) Welding transformer.

18 (35) "Electronic programming guide" means an application that
19 provides an interactive, onscreen menu of television listings and that
20 downloads program information from the vertical blanking interval of a
21 regular television signal.

22 (36) "Low voltage dry-type distribution transformer" means a
23 distribution transformer that has an input voltage of six hundred volts
24 or less, that is air-cooled, and that does not use oil as a coolant.

25 (37) "Space heater" means an appliance that supplies heat to a
26 space for the purpose of providing warmth to objects within the space.

27 (38)(a) "State-regulated external power supply" means a single-
28 voltage external AC to DC or AC to AC power supply that:

29 (i) Is designed to convert line voltage AC input into lower voltage
30 DC or AC output;

31 (ii) Is able to convert to only one DC or AC output voltage at a
32 time;

33 (iii) Is sold with, or intended to be used with, a separate end-use
34 product that constitutes the primary load;

35 (iv) Is contained within a separate physical enclosure from the
36 end-use product;

37 (v) Is connected to the end-use product via a removable or hard-
38 wired male/female electrical connection, cable, cord, or other wiring;

1 (vi) Does not have batteries or battery packs that physically
2 attach directly (including those that are removable) to the power
3 supply unit;

4 (vii) Does not have a battery chemistry or type selector switch and
5 an indicator light; or, does not have a battery chemistry or type
6 selector switch and a state of charge meter; and

7 (viii) Has a nameplate output power less than or equal to two
8 hundred fifty watts.

9 (b) "State-regulated external power supply" does not include a
10 device that is a "class A external power supply" that is federally
11 regulated.

12 (39) "Television" means an analog or digital device designed
13 primarily for the display and reception of a terrestrial, satellite,
14 cable, internet protocol television, or other broadcast or recorded
15 transmission of analog or digital video and audio signals.
16 "Television" includes combination televisions, television monitors,
17 component televisions, and any unit that is marketed to the consumer as
18 a television. "Television" does not include computer monitors.

19 (40) "Transformer" means a device consisting of two or more coils
20 of insulated wire and that transfers alternating current by
21 electromagnetic induction from one coil to another to change the
22 original voltage or current value.

23 (41) "Video cassette recorder (VCR)" means a commercially available
24 analog recording device that includes an integral power supply and that
25 records television signals onto a tape medium for subsequent viewing.

26 (42) "Video standby-passive mode" means the appliance is connected
27 to a power source, does not perform any mechanical function (e.g.,
28 playing, recording), does not produce video or audio output signals,
29 but may be switched into another mode with the remote control unit or
30 an internal signal.

31 **Sec. 2.** RCW 19.260.030 and 2009 c 501 s 2 are each amended to read
32 as follows:

33 (1) This chapter applies to the following types of new products
34 sold, offered for sale, or installed in the state:

35 (a) Automatic commercial ice cube machines;

36 (b) Commercial refrigerators and freezers;

37 (c) State-regulated incandescent reflector lamps;

1 (d) Wine chillers designed and sold for use by an individual;
2 (e) Hot water dispensers and mini-tank electric water heaters;
3 (f) Bottle-type water dispensers and point-of-use water dispensers;
4 (g) Pool heaters, residential pool pumps, and portable electric
5 spas;

6 (h) Tub spout diverters; (~~and~~)

7 (i) Commercial hot food holding cabinets;

8 (j) Ceiling fans and ceiling fan light kits;

9 (k) Vented gas space heaters and vented oil space heaters, vented
10 and unvented infrared gas heaters, electric residential boilers, and
11 gas-fired combination space heating and water heating appliances;

12 (l) Low voltage dry-type distribution transformers that are
13 designed to operate at a frequency of sixty hertz, and that have a
14 rated power output of not less than 15 kVA;

15 (m) Compact audio products, digital versatile disc players, and
16 digital versatile disc recorders;

17 (n) State-regulated external power supplies, which are single
18 voltage external AC to DC and AC to AC power supplies included with
19 other retail products, and single voltage external AC to DC or AC to AC
20 power supplies sold separately, excluding power supplies that are
21 classified as devices for human use under the federal food, drug, and
22 cosmetic act and require the United States food and drug administration
23 listing and approval as a medical device; and

24 (o) Televisions.

25 (2) This chapter applies equally to products whether they are sold,
26 offered for sale, or installed as stand-alone products or as components
27 of other products.

28 (3) This chapter does not apply to:

29 (a) New products manufactured in the state and sold outside the
30 state;

31 (b) New products manufactured outside the state and sold at
32 wholesale inside the state for final retail sale and installation
33 outside the state;

34 (c) Products installed in mobile manufactured homes at the time of
35 construction; or

36 (d) Products designed expressly for installation and use in
37 recreational vehicles.

1 **Sec. 3.** RCW 19.260.040 and 2009 c 501 s 3 are each amended to read
 2 as follows:

3 The minimum efficiency standards specified in this section apply to
 4 the types of new products set forth in RCW 19.260.030.

5 (1)(a) Automatic commercial ice cube machines must have daily
 6 energy use and daily water use no greater than the applicable values in
 7 the following table:

Equipment type	Type of cooling	Harvest rate (lbs. ice/24 hrs.)	Maximum energy use (kWh/100 lbs.)	Maximum condenser water use (gallons/100 lbs. ice)
Ice-making head	water	<500	7.80 - .0055H	200 - .022H
		>=500<1436	5.58 - .0011H	200 - .022H
		>=1436	4.0	200 - .022H
Ice-making head	air	450	10.26 - .0086H	Not applicable
		>=450	6.89 - .0011H	Not applicable
Remote condensing but not remote compressor	air	<1000	8.85 - .0038	Not applicable
		>=1000	5.10	Not applicable
Remote condensing and remote compressor	air	<934	8.85 - .0038H	Not applicable
		>=934	5.3	Not applicable
Self-contained models	water	<200	11.40 - .0190H	191 - .0315H
		>=200	7.60	191 - .0315H
Self-contained models	air	<175	18.0 - .0469H	Not applicable
		>=175	9.80	Not applicable

24 Where H= harvest rate in pounds per twenty-four hours which must be reported within 5% of the tested value.

25 "Maximum water use" applies only to water used for the condenser.

26 (b) For purposes of this section, automatic commercial ice cube
 27 machines shall be tested in accordance with the ARI 810-2003 test
 28 method as published by the air-conditioning and refrigeration
 29 institute. Ice- making heads include all automatic commercial ice cube
 30 machines that are not split system ice makers or self-contained models
 31 as defined in ARI 810-2003.

32 (2)(a) Commercial refrigerators and freezers must meet the
 33 applicable requirements listed in the following table:

Equipment Type	Doors	Maximum Daily Energy Consumption (kWh)
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are refrigerators	Solid	$0.10V + 2.04$
	Transparent	$0.12V + 3.34$
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are "pulldown" refrigerators	Transparent	$.126V + 3.51$
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are freezers	Solid	$0.40V + 1.38$
	Transparent	$0.75V + 4.10$
Reach-in cabinets that are refrigerator-freezers with an AV of 5.19 or higher	Solid	$0.27AV - 0.71$

12 kWh= kilowatt hours

13 V= total volume (ft³)

14 AV= adjusted volume= [1.63 x freezer volume (ft³)]+ refrigerator volume (ft³)

15 (b) For purposes of this section, "pulldown" designates products
 16 designed to take a fully stocked refrigerator with beverages at 90
 17 degrees Fahrenheit and cool those beverages to a stable temperature of
 18 38 degrees Fahrenheit within 12 hours or less. Daily energy
 19 consumption shall be measured in accordance with the American national
 20 standards institute/American society of heating, refrigerating and air-
 21 conditioning engineers test method 117-2002, except that the back-
 22 loading doors of pass-through and roll-through refrigerators and
 23 freezers must remain closed throughout the test, and except that the
 24 controls of all appliances must be adjusted to obtain the following
 25 product temperatures.

Product or compartment type	Integrated average product temperature in degrees Fahrenheit
Refrigerator	38 ± 2
Freezer	0 ± 2

29 (3)(a) The lamp electrical power input of state-regulated
 30 incandescent reflector lamps shall meet the minimum average lamp
 31 efficacy requirements for federally regulated incandescent reflector
 32 lamps specified in 42 U.S.C. Sec. 6295(i)(1)(A)-(B).

1 (b) The following types of incandescent lamps are exempt from these
2 requirements:

3 (i) Lamps rated at fifty watts or less of the following types: BR
4 30, ER 30, BR 40, and ER 40;

5 (ii) Lamps rated at sixty-five watts of the following types: BR
6 30, BR 40, and ER 40; and

7 (iii) R 20 lamps of forty-five watts or less.

8 (4)(a) Wine chillers designed and sold for use by an individual
9 must meet requirements specified in the California Code of Regulations,
10 Title 20, section 1605.3 in effect as of July 26, 2009.

11 (b) Wine chillers designed and sold for use by an individual shall
12 be tested in accordance with the method specified in the California
13 Code of Regulations, Title 20, section 1604 in effect as of July 26,
14 2009.

15 (5)(a) The standby energy consumption of bottle-type water
16 dispensers, and point-of-use water dispensers, dispensing both hot and
17 cold water, manufactured on or after January 1, 2010, shall not exceed
18 1.2 kWh/day.

19 (b) The test method for water dispensers shall be the environmental
20 protection agency energy star program requirements for bottled water
21 coolers version 1.1.

22 (6)(a) The standby energy consumption of hot water dispensers and
23 mini-tank electric water heaters manufactured on or after January 1,
24 2010, shall be not greater than 35 watts.

25 (b) This subsection does not apply to any water heater:

26 (i) That is within the scope of 42 U.S.C. Sec. 6292(a)(4) or
27 6311(1);

28 (ii) That has a rated storage volume of less than 20 gallons; and

29 (iii) For which there is no federal test method applicable to that
30 type of water heater.

31 (c) Hot water dispensers shall be tested in accordance with the
32 method specified in the California Code of Regulations, Title 20,
33 section 1604 in effect as of July 26, 2009.

34 (d) Mini-tank electric water heaters shall be tested in accordance
35 with the method specified in the California Code of Regulations, Title
36 20, section 1604 in effect as of July 26, 2009.

37 (7) The following standards are established for pool heaters,
38 residential pool pumps, and portable electric spas:

1 (a) Natural gas pool heaters shall not be equipped with constant
2 burning pilots.

3 (b) Residential pool pump motors manufactured on or after January
4 1, 2010, must meet requirements specified in the California Code of
5 Regulations, Title 20, section 1605.3 in effect as of July 26, 2009.

6 (c) Portable electric spas manufactured on or after January 1,
7 2010, must meet requirements specified in the California Code of
8 Regulations, Title 20, section 1605.3 in effect as of July 26, 2009.

9 (d) Portable electric spas must be tested in accordance with the
10 method specified in the California Code of Regulations, Title 20,
11 section 1604 in effect as of July 26, 2009.

12 (8)(a) The leakage rate of tub spout diverters shall be no greater
13 than the applicable requirements shown in the following table:

Appliance	Testing Conditions	Maximum Leakage Rate
		Effective January 1, 2009
	When new	0.01 gpm
Tub spout diverters	After 15,000 cycles of diverting	0.05 gpm

18 (b) Showerhead tub spout diverter combinations shall meet both the
19 federal standard for showerheads established pursuant to 42 U.S.C. Sec.
20 6291 et seq. and the standard for tub spout diverters specified in this
21 section.

22 (9)(a) The idle energy rate of commercial hot food holding cabinets
23 manufactured on or after January 1, 2010, shall be no greater than 40
24 watts per cubic foot of measured interior volume.

25 (b) The idle energy rate of commercial hot food holding cabinets
26 shall be determined using ANSI/ASTM F2140-01 standard test method for
27 the performance of hot food holding cabinets (test for idle energy rate
28 dry test). Commercial hot food holding cabinet interior volume shall
29 be calculated using straight line segments following the gross interior
30 dimensions of the appliance and using the following equation: Interior
31 height x interior width x interior depth. Interior volume shall not
32 account for racks, air plenums, or other interior parts.

33 (10) Ceiling fans manufactured on or after January 1, 2011, must
34 have the following features:

35 (a) Fan speed controls separate from any lighting controls;

1 (b) Adjustable speed controls (either more than one speed or
2 variable speed);

3 (c) The capability of reversible fan action, except for fans sold
4 for industrial applications, outdoor applications, or cases in which
5 safety standards would be violated by the use of the reversible mode.

6 (11)(a) Ceiling fan light kits with medium screw base sockets
7 manufactured on or after January 1, 2011, must:

8 (i) Be packaged with screw-based lamps to fill all screw based
9 sockets;

10 (ii) Meet the energy star program requirements for compact
11 fluorescent lamps, version 3.0; or

12 (iii) Use light sources other than compact fluorescent lamps that
13 have lumens per watt performance at least equivalent to comparable
14 configured compact fluorescent lamps meeting the energy conservation
15 standards described in the energy star program requirements for compact
16 fluorescent lamps, version 3.0.

17 (b) Ceiling fan light kits with pin-based sockets for fluorescent
18 lamps manufactured on or after January 1, 2011, shall:

19 (i) Meet the energy star program requirements for residential light
20 fixtures, version 4.0 issued by the environmental protection agency;
21 and

22 (ii) Be packaged with lamps to fill all sockets.

23 (c) Ceiling fan light kits with socket types other than those
24 covered in (a) and (b) of this subsection, including candelabra screw
25 base sockets, manufactured on or after January 1, 2011:

26 (i) Must not be capable of operating with lamps that total more
27 than one hundred ninety watts; and

28 (ii) Must be packaged to include the lamps described in (c)(i) of
29 this subsection with the ceiling fan light kits.

30 (12) Ceiling fans and ceiling fan light kits must be tested in
31 accordance with the method specified in the California Code of
32 Regulations, Title 20, section 1604(d) in effect as of the effective
33 date of this section.

34 (13)(a) Gas wall furnaces, floor furnaces, room heaters, central
35 gas furnaces, central gas boilers, central oil furnaces, central oil
36 boilers, and electric residential boilers manufactured on or after
37 January 1, 2013, must meet requirements specified in the California

1 Code of Regulations, Title 20, section 1605.1 in effect as of the
2 effective date of this section;

3 (b) Gas wall furnaces, floor furnaces, room heaters, central gas
4 furnaces, central gas boilers, central oil furnaces, central oil
5 boilers, and electric residential boilers must be tested in accordance
6 with the method specified in the California Code of Regulations, Title
7 20, section 1604 in effect as of the effective date of this section.

8 (14)(a) Low voltage dry-type distribution transformers must meet
9 requirements specified in the California Code of Regulations, Title 20,
10 section 1605.1 in effect as of the effective date of this section;

11 (b) Low voltage dry-type distribution transformers must be tested
12 in accordance with the method specified in the California Code of
13 Regulations, Title 20, section 1604 in effect as of the effective date
14 of this section.

15 (15) The following standards are established for consumer audio and
16 video equipment:

17 (a) The maximum power usage of compact audio products manufactured
18 on or after January 1, 2011, may not exceed two watts in audio standby-
19 passive mode for those products without a permanently illuminated clock
20 display and four watts in audio standby-passive mode for those products
21 with a permanently illuminated clock display.

22 (b) The maximum power usage of digital versatile disc players and
23 digital versatile disc recorders manufactured on or after January 1,
24 2011, may not exceed three watts in video standby-passive mode.

25 (c) Compact audio products, digital versatile disc players, and
26 digital versatile disc recorders must be tested in accordance with the
27 method specified in the California Code of Regulations, Title 20,
28 section 1604 in effect as of the effective date of this section.

29 (16)(a) State-regulated external power supplies manufactured on or
30 after January 1, 2011, must meet the requirements specified in the
31 California Code of Regulations, Title 20, section 1605.3 in effect as
32 of the effective date of this section;

33 (b) State-regulated external power supplies must be tested in
34 accordance with the method specified in the California Code of
35 Regulations, Title 20, section 1604 in effect as of the effective date
36 of this section.

37 (17)(a) Televisions manufactured on or after January 1, 2011, but
38 before January 1, 2013, with a screen size less than or equal to one

1 thousand four hundred square inches must meet the requirements
2 specified in the California Code of Regulations, Title 20, section
3 1605.3 in effect as of the effective date of this section.

4 (b) Televisions manufactured on or after January 1, 2013, with a
5 screen size less than or equal to one thousand four hundred square
6 inches must meet the requirements specified in the California Code of
7 Regulations, Title 20, section 1605.3 in effect as of the effective
8 date of this section.

9 (c) Televisions covered under (a) or (b) of this subsection must
10 be tested in accordance with the method specified in the California
11 Code of Regulations, Title 20, section 1604 in effect as of the
12 effective date of this section, if these test methods are not preempted
13 by federal law.

14 **Sec. 4.** RCW 19.260.050 and 2009 c 501 s 4 are each amended to read
15 as follows:

16 (1) No new commercial refrigerator or freezer or state-regulated
17 incandescent reflector lamp manufactured on or after January 1, 2007,
18 may be sold or offered for sale in the state unless the efficiency of
19 the new product meets or exceeds the efficiency standards set forth in
20 RCW 19.260.040. No new automatic commercial ice cube machine
21 manufactured on or after January 1, 2008, may be sold or offered for
22 sale in the state unless the efficiency of the new product meets or
23 exceeds the efficiency standards set forth in RCW 19.260.040.

24 (2) On or after January 1, 2008, no new commercial refrigerator or
25 freezer or state-regulated incandescent reflector lamp manufactured on
26 or after January 1, 2007, may be installed for compensation in the
27 state unless the efficiency of the new product meets or exceeds the
28 efficiency standards set forth in RCW 19.260.040. On or after January
29 1, 2009, no new automatic commercial ice cube machine manufactured on
30 or after January 1, 2008, may be installed for compensation in the
31 state unless the efficiency of the new product meets or exceeds the
32 efficiency standards set forth in RCW 19.260.040.

33 (3) Standards for state-regulated incandescent reflector lamps are
34 effective on the dates specified in subsections (1) and (2) of this
35 section.

36 (4) The following products, if manufactured on or after January 1,

1 2010, may not be sold or offered in the state unless the efficiency of
2 the new product meets or exceeds the efficiency standards set forth in
3 RCW 19.260.040:

- 4 (a) Wine chillers designed and sold for use by an individual;
- 5 (b) Hot water dispensers and mini-tank electric water heaters;
- 6 (c) Bottle-type water dispensers and point-of-use water dispensers;
- 7 (d) Pool heaters, residential pool pumps, and portable electric
8 spas;
- 9 (e) Tub spout diverters; and
- 10 (f) Commercial hot food holding cabinets.

11 (5) The following products, if manufactured on or after January 1,
12 2010, may not be installed for compensation in the state on or after
13 January 1, 2011, unless the efficiency of the new product meets or
14 exceeds the efficiency standards set forth in RCW 19.260.040:

- 15 (a) Wine chillers designed and sold for use by an individual;
- 16 (b) Hot water dispensers and mini-tank electric water heaters;
- 17 (c) Bottle-type water dispensers and point-of-use water dispensers;
- 18 (d) Pool heaters, residential pool pumps, and portable electric
19 spas;
- 20 (e) Tub spout diverters; and
- 21 (f) Commercial hot food holding cabinets.

22 (6)(a) No new ceiling fans or ceiling fan light kits covered under
23 RCW 19.260.040, if manufactured on or after January 1, 2011, may be
24 sold or offered for sale in the state unless the product meets the
25 standards set forth in RCW 19.260.040.

26 (b) No new ceiling fans or ceiling fan light kits covered under RCW
27 19.260.040, if manufactured on or after January 1, 2011, may be
28 installed for compensation in the state on or after January 1, 2012,
29 unless the product meets the standards set forth in RCW 19.260.040.

30 (7)(a) No new gas wall furnaces, floor furnaces, room heaters,
31 central gas furnaces, central gas boilers, central oil furnaces,
32 central oil boilers, and electric residential boilers, if manufactured
33 on or after January 1, 2013, may be sold or offered for sale in the
34 state unless the product meets the standards set forth in RCW
35 19.260.040.

36 (b) No new gas wall furnaces, floor furnaces, room heaters, central
37 gas furnaces, central gas boilers, central oil furnaces, central oil
38 boilers, and electric residential boilers, if manufactured on or after

1 January 1, 2013, may be installed for compensation in the state on or
2 after January 1, 2014, unless the product meets or exceeds the
3 efficiency standards set forth in RCW 19.260.040.

4 (8)(a) No new low voltage dry-type distribution transformers may be
5 sold or offered for sale in the state on or after January 1, 2011,
6 unless the product meets the standards set forth in RCW 19.260.040.

7 (b) No new low voltage dry-type distribution transformers may be
8 installed for compensation in the state on or after January 1, 2012,
9 unless the product meets or exceeds the efficiency standards set forth
10 in RCW 19.260.040.

11 (9)(a) No new compact audio products, televisions, digital
12 versatile disc players, or digital versatile disc recorders, if
13 manufactured on or after January 1, 2011, may be sold or offered for
14 sale in the state unless the efficiency of the new product meets or
15 exceeds the efficiency standards set forth in RCW 19.260.040.

16 (b) No new compact audio products, televisions, digital versatile
17 disc players, or digital versatile disc recorders, if manufactured on
18 or after January 1, 2011, may be installed for compensation in the
19 state on or after January 1, 2012, unless the efficiency of the new
20 product meets or exceeds the efficiency standards set forth in RCW
21 19.260.040.

22 (10)(a) No new state-regulated external power supply, if
23 manufactured on or after January 1, 2011, may be sold or offered for
24 sale in the state unless the efficiency of the new product meets or
25 exceeds the efficiency standards set forth in RCW 19.260.040.

26 (b) No new state-regulated external power supply, if manufactured
27 on or after January 1, 2011, may be installed for compensation in the
28 state on or after January 1, 2012, unless the efficiency of the new
29 product meets or exceeds the efficiency standards set forth in RCW
30 19.260.040.

31 (11)(a) No new television with a screen size less than or equal to
32 one thousand four hundred square inches, if manufactured on or after
33 January 1, 2011, but before January 1, 2013, may be sold or offered in
34 the state unless the efficiency of the new product meets or exceeds the
35 efficiency standards set forth in RCW 19.260.040.

36 (b) No new television with a screen size less than or equal to one
37 thousand four hundred square inches, if manufactured on or after
38 January 1, 2011, but before January 1, 2013, may be installed for

1 compensation in the state on or after January 1, 2012, unless the
2 efficiency of the new product meets or exceeds the efficiency standards
3 set forth in RCW 19.260.040.

4 (12)(a) No new television with a screen size less than or equal to
5 one thousand four hundred square inches, if manufactured on or after
6 January 1, 2013, may be sold or offered in the state unless the
7 efficiency of the new product meets or exceeds the efficiency standards
8 set forth in RCW 19.260.040.

9 (b) No new television with a screen size less than or equal to one
10 thousand four hundred square inches, if manufactured on or after
11 January 1, 2013, may be installed for compensation in the state on or
12 after January 1, 2014, unless the efficiency of the new product meets
13 or exceeds the efficiency standards set forth in RCW 19.260.040.

14 NEW SECTION. **Sec. 5.** If any provision of this act or its
15 application to any person or circumstance is held invalid, the
16 remainder of the act or the application of the provision to other
17 persons or circumstances is not affected.

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