## SUBSTITUTE HOUSE BILL 2416

State of Washington 61st Legislature 2010 Regular Session

**By** House Technology, Energy & Communications (originally sponsored by Representatives Morris, Chase, Eddy, Van De Wege, Morrell, Upthegrove, Simpson, Kenney, Hudgins, and Ormsby)

READ FIRST TIME 02/01/10.

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 uses15 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 cooked in a separate appliance. "Commercial hot food holding cabinet"
 does not include heated glass merchandising cabinets, drawer warmers,
 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 institutional facilities for the purpose of storing or merchandising б 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.

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

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

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

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

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

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

(10) "Hot water dispenser" means a small electric water heater thathas 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 or11 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.

(17) "Residential pool pump" means a pump used to circulate andfilter 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.

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

(19) "Showerhead" means a device through which water is dischargedfor a shower bath.

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

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

34 (a) A bulged reflector or elliptical reflector bulb shape and which35 has a diameter which equals or exceeds 2.25 inches; or

36 (b) A reflector, parabolic aluminized reflector, or similar bulb37 shape and which has a diameter of 2.25 to 2.75 inches.

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(22) "Tub spout diverter" means a device designed to stop the flow
 of water into a bathtub and to divert it so that the water discharges
 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)(a) "Class A external power supply" means an external power
12 supply circuit that is used to convert household electric current into
13 DC current or lower voltage AC current to operate a consumer product
14 and that:

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

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

19 (iii) Is sold with, or intended to be used with, a separate end-use 20 product that constitutes the primary load;

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

23 (v) Is connected to the end-use product via a removable or hard-24 wired male/female electrical connection, cable, cord, or wiring;

25 (vi) Has nameplate output power that is less than or equal to two
26 <u>hundred fifty watts; and</u>

27 <u>(vii) Is a federally regulated external power supply.</u>

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

34 (26) "Compact audio product" means an integrated audio system 35 encased in a single housing that includes an amplifier and radio tuner, 36 attachable or separable speakers, and can reproduce audio from one or 37 more of the following media: Magnetic tape, CD, DVD, or flash memory.

"Compact audio product" does not include products that can be 1 independently powered by internal batteries or that have a powered 2 external satellite antenna, or that can provide a video output signal. 3 (27) "Digital versatile disc (DVD)" means a laser-encoded plastic 4 medium capable of storing a large amount of digital audio, video, and 5 б computer data. 7 (28) "Digital versatile disc player" or "DVD player" means a commercially available electronic product encased in a single housing 8 9 that includes an integral power supply and for which the sole purpose is the decoding of digitized video signals on a DVD. 10 (29) "Digital versatile disc (DVD) recorder" or "DVD recorder" 11 means a commercially available electronic product encased in a single 12 13 housing that includes an integral power supply and for which the sole purpose is the production or recording of digitized video signals on a 14 DVD. "DVD recorder" does not include models that have an electronic 15 programming guide function. 16 17 (30) "Electronic programming guide" means an application that provides an interactive, onscreen menu of television listings and that 18 19 downloads program information from the vertical blanking interval of a 20 regular television signal. 21 (31) "On mode" means the product is connected to a power source and produces sound and a picture. The power requirement in this mode is 22 typically greater than the power requirement in standby-passive and 23 24 download acquisition mode. (32) "Screen size" means the diagonal length from one corner to the 25 26 corner furthest away of the viewable screen area of a television, 27 measured in inches. (33)(a) "State-regulated external power supply" means a single-28 voltage external AC to DC or AC to AC power supply that: 29 30 (i) Is designed to convert line voltage AC input into lower voltage DC or AC output; 31 32 (ii) Is able to convert to only one DC or AC output voltage at a 33 time; (iii) Is sold with, or intended to be used with, a separate end-use 34

35 product that constitutes the primary load;

36 (iv) Is contained within a separate physical enclosure from the 37 end-use product;

(v) Is connected to the end-use product via a removable or hard-1 wired male/female electrical connection, cable, cord, or other wiring; 2 (vi) Does not have batteries or battery packs that physically 3 attach directly (including those that are removable) to the power 4 supply unit; 5 б (vii) Does not have a battery chemistry or type selector switch and an indicator light; or, does not have a battery chemistry or type 7 selector switch and a state of charge meter; and 8 9 (viii) Has a nameplate output power less than or equal to two 10 hundred fifty watts. 11 (b) "State-regulated external power supply" does not include a device that is a "class A external power supply" that is federally 12 13 regulated. (34) "Television" means an analog or digital device designed 14 primarily for the display and reception of a terrestrial, satellite, 15 cable, internet protocol television, or other broadcast or recorded 16 transmission of analog or digital video and audio signals. 17 "Television" includes combination televisions, television monitors, 18 19 component televisions, and any unit that is marketed to the consumer as 20 a television. "Television" does not include computer monitors. 21 (35) "Video standby-passive mode" means the appliance is connected to a power source, does not perform any mechanical function (e.g., 22 playing, recording), does not produce video or audio output signals, 23 24 but may be switched into another mode with the remote control unit or an internal signal. 25 26 **Sec. 2.** RCW 19.260.030 and 2009 c 501 s 2 are each amended to read 27 as follows: (1) This chapter applies to the following types of new products 28 29 sold, offered for sale, or installed in the state: 30 (a) Automatic commercial ice cube machines; (b) Commercial refrigerators and freezers; 31 32 (c) State-regulated incandescent reflector lamps; (d) Wine chillers designed and sold for use by an individual; 33 34 (e) Hot water dispensers and mini-tank electric water heaters;

35 (f) Bottle-type water dispensers and point-of-use water dispensers;

36 (g) Pool heaters, residential pool pumps, and portable electric 37 spas;

(h) Tub spout diverters; ((and)) 1 2 (i) Commercial hot food holding cabinets; (j) Compact audio products, digital versatile disc players, and 3 digital versatile disc recorders; 4 (k) State-regulated external power supplies, which are single 5 voltage external AC to DC and AC to AC power supplies included with 6 other retail products, and single voltage external AC to DC or AC to AC 7 power supplies sold separately, excluding power supplies that are 8 classified as devices for human use under the federal food, drug, and 9 cosmetic act and require the United States food and drug administration 10 listing and approval as a medical device; and 11 12 (1) Televisions. 13 (2) This chapter applies equally to products whether they are sold, 14 offered for sale, or installed as stand-alone products or as components 15 of other products. 16 (3) This chapter does not apply to: 17 (a) New products manufactured in the state and sold outside the 18 state; 19 (b) New products manufactured outside the state and sold at wholesale inside the state for final retail sale and installation 20 21 outside the state; 22 (c) Products installed in mobile manufactured homes at the time of 23 construction; or 24 (d) Products designed expressly for installation and use in recreational vehicles. 25 26 **Sec. 3.** RCW 19.260.040 and 2009 c 501 s 3 are each amended to read 27 as follows: The minimum efficiency standards specified in this section apply to 28 29 the types of new products set forth in RCW 19.260.030. (1)(a) Automatic commercial ice cube machines must have daily 30 31 energy use and daily water use no greater than the applicable values in 32 the following table: 33 Maximum condenser Maximum 34 Harvest rate energy use water use (kWh/100 lbs.) 35 Equipment type Type of cooling (lbs. ice/24 hrs.) (gallons/100 lbs. ice)

1	Ice-making head	water	<500	7.800055H	200022H
2			>=500<1436	5.580011H	200022H
3			>=1436	4.0	200022Н
4	Ice-making head	air	450	10.260086H	Not applicable
5			>=450	6.890011H	Not applicable
6	Remote condensing but	air	<1000	8.850038	Not applicable
7	not remote compressor		>=1000	5.10	Not applicable
8	Remote condensing and	air	<934	8.850038H	Not applicable
9	remote compressor		>=934	5.3	Not applicable
10	Self-contained models	water	<200	11.400190H	1910315H
11			>=200	7.60	1910315H
12	Self-contained models	air	<175	18.00469H	Not applicable
13			>=175	9.80	Not applicable

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

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

(b) For purposes of this section, automatic commercial ice cube 16 17 machines shall be tested in accordance with the ARI 810-2003 test 18 method published the air-conditioning refrigeration as by and 19 institute. Ice- making heads include all automatic commercial ice cube 20 machines that are not split system ice makers or self-contained models as defined in ARI 810-2003. 21

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

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

1 kWh= kilowatt hours

2  $V = \text{total volume (ft}^3)$ 

3 AV= adjusted volume=  $[1.63 \text{ x freezer volume } (\text{ft}^3)]$ + refrigerator volume  $(\text{ft}^3)$ 

(b) For purposes of this section, "pulldown" designates products 4 designed to take a fully stocked refrigerator with beverages at 90 5 degrees Fahrenheit and cool those beverages to a stable temperature of 6 38 degrees Fahrenheit within 12 hours or less. 7 Daily energy 8 consumption shall be measured in accordance with the American national 9 standards institute/American society of heating, refrigerating and airconditioning engineers test method 117-2002, except that the back-10 11 loading doors of pass-through and roll-through refrigerators and 12 freezers must remain closed throughout the test, and except that the 13 controls of all appliances must be adjusted to obtain the following 14 product temperatures.

15	Product or compartment type	Integrated average product temperature in degrees Fahrenheit					
16	Refrigerator	38 <u>+</u> 2					
17	Freezer	0 <u>+</u> 2					

18 (3)(a) The lamp electrical power input of state-regulated 19 incandescent reflector lamps shall meet the minimum average lamp 20 efficacy requirements for federally regulated incandescent reflector 21 lamps specified in 42 U.S.C. Sec. 6295(i)(l)(A)-(B).

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

24 (i) Lamps rated at fifty watts or less of the following types: BR25 30, ER 30, BR 40, and ER 40;

26 (ii) Lamps rated at sixty-five watts of the following types: BR 27 30, BR 40, and ER 40; and

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

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

32 (b) Wine chillers designed and sold for use by an individual shall33 be tested in accordance with the method specified in the California

Code of Regulations, Title 20, section 1604 in effect as of July 26,
 2009.

3 (5)(a) The standby energy consumption of bottle-type water 4 dispensers, and point-of-use water dispensers, dispensing both hot and 5 cold water, manufactured on or after January 1, 2010, shall not exceed 6 1.2 kWh/day.

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

10 (6)(a) The standby energy consumption of hot water dispensers and 11 mini-tank electric water heaters manufactured on or after January 1, 12 2010, shall be not greater than 35 watts.

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

14 (i) That is within the scope of 42 U.S.C. Sec. 6292(a)(4) or 15 6311(1);

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

17 (iii) For which there is no federal test method applicable to that 18 type of water heater.

19 (c) Hot water dispensers shall be tested in accordance with the 20 method specified in the California Code of Regulations, Title 20, 21 section 1604 in effect as of July 26, 2009.

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

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

(a) Natural gas pool heaters shall not be equipped with constantburning pilots.

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

32 (c) Portable electric spas manufactured on or after January 1,
 33 2010, must meet requirements specified in the California Code of
 34 Regulations, Title 20, section 1605.3 in effect as of July 26, 2009.

35 (d) Portable electric spas must be tested in accordance with the 36 method specified in the California Code of Regulations, Title 20, 37 section 1604 in effect as of July 26, 2009. (8)(a) The leakage rate of tub spout diverters shall be no greater
 than the applicable requirements shown in the following table:

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

7 (b) Showerhead tub spout diverter combinations shall meet both the 8 federal standard for showerheads established pursuant to 42 U.S.C. Sec. 9 6291 et seq. and the standard for tub spout diverters specified in this 10 section.

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

14 (b) The idle energy rate of commercial hot food holding cabinets shall be determined using ANSI/ASTM F2140-01 standard test method for 15 the performance of hot food holding cabinets (test for idle energy rate 16 17 dry test). Commercial hot food holding cabinet interior volume shall be calculated using straight line segments following the gross interior 18 dimensions of the appliance and using the following equation: Interior 19 20 height x interior width x interior depth. Interior volume shall not 21 account for racks, air plenums, or other interior parts.

22 (10) The following standards are established for consumer audio and 23 video equipment:

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

29 (b) The maximum power usage of digital versatile disc players and 30 digital versatile disc recorders manufactured on or after January 1, 31 2011, may not exceed three watts in video standby-passive mode.

32 (c) Compact audio products, digital versatile disc players, and 33 digital versatile disc recorders must be tested in accordance with the 34 method specified in the California Code of Regulations, Title 20, 35 section 1604 in effect as of the effective date of this section.

1	(11)(a) State-regulated external power supplies manufactured on or
2	after January 1, 2011, must meet the requirements specified in the
3	California Code of Regulations, Title 20, section 1605.3 in effect as
4	of the effective date of this section;
5	(b) State-regulated external power supplies must be tested in
6	accordance with the method specified in the California Code of
7	Regulations, Title 20, section 1604 in effect as of the effective date
8	of this section.
9	(12)(a) Televisions manufactured on or after January 1, 2011, but
10	before January 1, 2013, with a screen size less than or equal to one
11	thousand four hundred square inches must:
12	(i) Enter television standby-passive mode or standby-active mode
13	after a maximum of fifteen minutes without video and/or audio input on
14	the selected input mode;
15	(ii) Enter television standby-passive mode when turned off by a
16	remote or integrated button/switch;
17	(iii) Use no more than 0.20 times the viewable screen size plus
18	<u>thirty-two watts in on mode;</u>
19	(iv) Use no more than one watt in standby-passive mode;
20	(v) Have a peak luminance in the preset mode designed for typical
21	home use and for the default mode as shipped that is no less than
22	sixty-five percent of the peak luminance at the brightest setting; and
23	(vi) Have a minimum power factor of 0.9 when power is greater than
24	or equal to one hundred watts.
25	(b) Televisions manufactured on or after January 1, 2013, with a
26	screen size less than or equal to one thousand four hundred square
27	<u>inches must:</u>
28	(i) Enter television standby-passive mode or standby-active mode
29	after a maximum of fifteen minutes without video and/or audio input on
30	the selected input mode;
31	<u>(ii) Enter television standby-passive mode when turned off by a</u>
32	remote or integrated button/switch;
33	<u>(iii) Use no more than 0.12 times the viewable screen size plus</u>
34	<u>twenty-five watts in on mode;</u>
35	(iv) Use no more than one watt in standby mode;
36	(v) Have a peak luminance in the preset mode designed for typical
37	home use and for the default mode as shipped that is no less than
38	sixty-five percent of the peak luminance at the brightest setting; and

1 (vi) Have a minimum power factor of 0.9 when power is greater than
2 or equal to one hundred watts.

3 (c) Televisions covered under (a) or (b) of this subsection must 4 be tested in accordance with the method specified in the California 5 Code of Regulations, Title 20, section 1604 in effect as of the 6 effective date of this section, if these test methods are not preempted 7 by federal law.

8 **Sec. 4.** RCW 19.260.050 and 2009 c 501 s 4 are each amended to read 9 as follows:

(1) No new commercial refrigerator or freezer or state-regulated 10 11 incandescent reflector lamp manufactured on or after January 1, 2007, 12 may be sold or offered for sale in the state unless the efficiency of the new product meets or exceeds the efficiency standards set forth in 13 14 19.260.040. No new automatic commercial ice cube machine RCW manufactured on or after January 1, 2008, may be sold or offered for 15 16 sale in the state unless the efficiency of the new product meets or 17 exceeds the efficiency standards set forth in RCW 19.260.040.

(2) On or after January 1, 2008, no new commercial refrigerator or 18 freezer or state-regulated incandescent reflector lamp manufactured on 19 20 or after January 1, 2007, may be installed for compensation in the 21 state unless the efficiency of the new product meets or exceeds the 22 efficiency standards set forth in RCW 19.260.040. On or after January 23 1, 2009, no new automatic commercial ice cube machine manufactured on 24 or after January 1, 2008, may be installed for compensation in the 25 state unless the efficiency of the new product meets or exceeds the 26 efficiency standards set forth in RCW 19.260.040.

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

30 (4) The following products, if manufactured on or after January 1, 31 2010, may not be sold or offered in the state unless the efficiency of 32 the new product meets or exceeds the efficiency standards set forth in 33 RCW 19.260.040:

34 (a) Wine chillers designed and sold for use by an individual;

35 (b) Hot water dispensers and mini-tank electric water heaters;

36 (c) Bottle-type water dispensers and point-of-use water dispensers;

- (d) Pool heaters, residential pool pumps, and portable electric 1 2 spas;
- 3

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- (e) Tub spout diverters; and
- (f) Commercial hot food holding cabinets.

(5) The following products, if manufactured on or after January 1, 5 6 2010, may not be installed for compensation in the state on or after January 1, 2011, unless the efficiency of the new product meets or 7 8 exceeds the efficiency standards set forth in RCW 19.260.040:

- 9 (a) Wine chillers designed and sold for use by an individual;
- 10
  - (b) Hot water dispensers and mini-tank electric water heaters;
- (c) Bottle-type water dispensers and point-of-use water dispensers; 11

12 (d) Pool heaters, residential pool pumps, and portable electric 13 spas;

14 (e) Tub spout diverters; and

15 (f) Commercial hot food holding cabinets.

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

21 (b) No new compact audio products, televisions, digital versatile disc players, or digital versatile disc recorders, if manufactured on 22 or after January 1, 2011, may be installed for compensation in the 23 state on or after January 1, 2012, unless the efficiency of the new 24 product meets or exceeds the efficiency standards set forth in RCW 25 26 19.260.040.

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

(b) No new state-regulated external power supply, if manufactured 31 on or after January 1, 2011, may be installed for compensation in the 32 state on or after January 1, 2012, unless the efficiency of the new 33 product meets or exceeds the efficiency standards set forth in RCW 34 35 19.260.040.

36	<u>(8)(a) No</u>	o new	<u>televisi</u>	<u>on with</u>	as	screen	size	<u>e less</u>	than	or	equ	<u>al to</u>
37 <u>one</u>	thousand	four	hundred	square	inc	hes, i	_f_ma	anufact	ured	on	or	after

January 1, 2011, but before January 1, 2013, may be sold or offered in the state unless the efficiency of the new product meets or exceeds the efficiency standards set forth in RCW 19.260.040.

(b) No new television with a screen size less than or equal to one
thousand four hundred square inches, if manufactured on or after
January 1, 2011, but before January 1, 2013, may be installed for
compensation in the state on or after January 1, 2012, unless the
efficiency of the new product meets or exceeds the efficiency standards
set forth in RCW 19.260.040.

10 (9)(a) No new television with a screen size less than or equal to 11 one thousand four hundred square inches, if manufactured on or after 12 January 1, 2013, may be sold or offered in the state unless the 13 efficiency of the new product meets or exceeds the efficiency standards 14 set forth in RCW 19.260.040.

15 (b) No new television with a screen size less than or equal to one 16 thousand four hundred square inches, if manufactured on or after 17 January 1, 2013, may be installed for compensation in the state on or 18 after January 1, 2014, unless the efficiency of the new product meets 19 or exceeds the efficiency standards set forth in RCW 19.260.040.

20 <u>NEW SECTION.</u> Sec. 5. If any provision of this act or its 21 application to any person or circumstance is held invalid, the 22 remainder of the act or the application of the provision to other 23 persons or circumstances is not affected.

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