

PUBLIC LAW 109-58—AUG. 8, 2005

ENERGY POLICY ACT OF 2005

(e) **AUTHORIZATION OF APPROPRIATIONS.**—There are authorized to be appropriated to carry out this section \$90,000,000 for each of fiscal years 2006 through 2010.

SEC. 135. ENERGY CONSERVATION STANDARDS FOR ADDITIONAL PRODUCTS.

(a) **DEFINITIONS.**—Section 321 of the Energy Policy and Conservation Act (42 U.S.C. 6291) is amended—

(1) in paragraph (29)—

(A) in subparagraph (D)—

(i) in clause (i), by striking “C78.1-1978(R1984)” and inserting “C78.81-2003 (Data Sheet 7881-ANSI-1010-1)”;

(ii) in clause (ii), by striking “C78.1-1978(R1984)” and inserting “C78.81-2003 (Data Sheet 7881-ANSI-3007-1)”; and

(iii) in clause (iii), by striking “C78.1-1978(R1984)” and inserting “C78.81-2003 (Data Sheet 7881-ANSI-1019-1)”; and

(B) by adding at the end the following:

“(M) The term ‘F34T12 lamp’ (also known as a ‘F40T12/ES lamp’) means a nominal 34 watt tubular fluorescent lamp that is 48 inches in length and 1½ inches in diameter, and conforms to ANSI standard C78.81-2003 (Data Sheet 7881-ANSI-1006-1).

“(N) The term ‘F96T12/ES lamp’ means a nominal 60 watt tubular fluorescent lamp that is 96 inches in length and 1½ inches in diameter, and conforms to ANSI standard C78.81-2003 (Data Sheet 7881-ANSI-3006-1).

“(O) The term ‘F96T12HO/ES lamp’ means a nominal 95 watt tubular fluorescent lamp that is 96 inches in length and 1½ inches in diameter, and conforms to ANSI standard C78.81-2003 (Data Sheet 7881-ANSI-1017-1).

“(P) The term ‘replacement ballast’ means a ballast that—

“(i) is designed for use to replace an existing ballast in a previously installed luminaire;

“(ii) is marked ‘FOR REPLACEMENT USE ONLY’;

“(iii) is shipped by the manufacturer in packages containing not more than 10 ballasts; and

“(iv) has output leads that when fully extended are a total length that is less than the length of the lamp with which the ballast is intended to be operated.”;

(2) in paragraph (30)(S)—

(A) by inserting “(i)” before “The term”; and

(B) by adding at the end the following:

“(ii) The term ‘medium base compact fluorescent lamp’ does not include—

“(I) any lamp that is—

“(aa) specifically designed to be used for special purpose applications; and

“(bb) unlikely to be used in general purpose applications, such as the applications described in subparagraph (D); or

“(II) any lamp not described in subparagraph (D) that is excluded by the Secretary, by rule, because the lamp is—

“(aa) designed for special applications; and

“(bb) unlikely to be used in general purpose applications.”; and

(3) by adding at the end the following:

“(32) The term ‘battery charger’ means a device that charges batteries for consumer products, including battery chargers embedded in other consumer products.

“(33)(A) The term ‘commercial prerinse spray valve’ means a handheld device designed and marketed for use with commercial dishwashing and ware washing equipment that sprays water on dishes, flatware, and other food service items for the purpose of removing food residue before cleaning the items.

“(B) The Secretary may modify the definition of ‘commercial prerinse spray valve’ by rule—

“(i) to include products—

“(I) that are extensively used in conjunction with commercial dishwashing and ware washing equipment;

“(II) the application of standards to which would result in significant energy savings; and

“(III) the application of standards to which would meet the criteria specified in section 325(o)(4); and

“(ii) to exclude products—

“(I) that are used for special food service applications;

“(II) that are unlikely to be widely used in conjunction with commercial dishwashing and ware washing equipment; and

“(III) the application of standards to which would not result in significant energy savings.

“(34) The term ‘dehumidifier’ means a self-contained, electrically operated, and mechanically encased assembly consisting of—

“(A) a refrigerated surface (evaporator) that condenses moisture from the atmosphere;

“(B) a refrigerating system, including an electric motor;

“(C) an air-circulating fan; and

“(D) means for collecting or disposing of the condensate.

“(35)(A) The term ‘distribution transformer’ means a transformer that—

“(i) has an input voltage of 34.5 kilovolts or less;

“(ii) has an output voltage of 600 volts or less; and

“(iii) is rated for operation at a frequency of 60 Hertz.

“(B) The term ‘distribution transformer’ does not include—

“(i) a transformer with multiple voltage taps, the highest of which equals at least 20 percent more than the lowest;

“(ii) a transformer that is designed to be used in a special purpose application and is unlikely to be used in general purpose applications, such as a drive transformer, rectifier transformer, auto-transformer, Uninterruptible Power System transformer, impedance transformer, regulating transformer, sealed and nonventilating transformer, machine tool transformer, welding transformer, grounding transformer, or testing transformer; or

“(iii) any transformer not listed in clause (ii) that is excluded by the Secretary by rule because—

“(I) the transformer is designed for a special application;

“(II) the transformer is unlikely to be used in general purpose applications; and

“(III) the application of standards to the transformer would not result in significant energy savings.

“(36) The term ‘external power supply’ means an external power supply circuit that is used to convert household electric current into DC current or lower-voltage AC current to operate a consumer product.

“(37) The term ‘illuminated exit sign’ means a sign that—

“(A) is designed to be permanently fixed in place to identify an exit; and

“(B) consists of an electrically powered integral light source that—

“(i) illuminates the legend ‘EXIT’ and any directional indicators; and

“(ii) provides contrast between the legend, any directional indicators, and the background.

“(38) The term ‘low-voltage dry-type distribution transformer’ means a distribution transformer that—

“(A) has an input voltage of 600 volts or less;

“(B) is air-cooled; and

“(C) does not use oil as a coolant.

“(39) The term ‘pedestrian module’ means a light signal used to convey movement information to pedestrians.

“(40) The term ‘refrigerated bottled or canned beverage vending machine’ means a commercial refrigerator that cools bottled or canned beverages and dispenses the bottled or canned beverages on payment.

“(41) The term ‘standby mode’ means the lowest power consumption mode, as established on an individual product basis by the Secretary, that—

“(A) cannot be switched off or influenced by the user;

and

“(B) may persist for an indefinite time when an appliance is—

“(i) connected to the main electricity supply; and

“(ii) used in accordance with the instructions of the manufacturer.

“(42) The term ‘torchiere’ means a portable electric lamp with a reflector bowl that directs light upward to give indirect illumination.

“(43) The term ‘traffic signal module’ means a standard 8-inch (200mm) or 12-inch (300mm) traffic signal indication that—

“(A) consists of a light source, a lens, and all other parts necessary for operation; and

“(B) communicates movement messages to drivers through red, amber, and green colors.

“(44) The term ‘transformer’ means a device consisting of 2 or more coils of insulated wire that transfers alternating current by electromagnetic induction from 1 coil to another to change the original voltage or current value.

“(45)(A) The term ‘unit heater’ means a self-contained fan-type heater designed to be installed within the heated space.

“(B) The term ‘unit heater’ does not include a warm air furnace.

“(46)(A) The term ‘high intensity discharge lamp’ means an electric-discharge lamp in which—

“(i) the light-producing arc is stabilized by bulb wall temperature; and

“(ii) the arc tube has a bulb wall loading in excess of 3 Watts/cm².

“(B) The term ‘high intensity discharge lamp’ includes mercury vapor, metal halide, and high-pressure sodium lamps described in subparagraph (A).

“(47)(A) The term ‘mercury vapor lamp’ means a high intensity discharge lamp in which the major portion of the light is produced by radiation from mercury operating at a partial pressure in excess of 100,000 Pa (approximately 1 atm).

“(B) The term ‘mercury vapor lamp’ includes clear, phosphor-coated, and self-ballasted lamps described in subparagraph (A).

“(48) The term ‘mercury vapor lamp ballast’ means a device that is designed and marketed to start and operate mercury vapor lamps by providing the necessary voltage and current.

“(49) The term ‘ceiling fan’ means a nonportable device that is suspended from a ceiling for circulating air via the rotation of fan blades.

“(50) The term ‘ceiling fan light kit’ means equipment designed to provide light from a ceiling fan that can be—

“(A) integral, such that the equipment is attached to the ceiling fan prior to the time of retail sale; or

“(B) attachable, such that at the time of retail sale the equipment is not physically attached to the ceiling fan, but may be included inside the ceiling fan at the time of sale or sold separately for subsequent attachment to the fan.

“(51) The term ‘medium screw base’ means an Edison screw base identified with the prefix E-26 in the ‘American National Standard for Electric Lamp Bases’, ANSI/IEC C81.61-2003, published by the American National Standards Institute.”.

(b) TEST PROCEDURES.—Section 323 of the Energy Policy and Conservation Act (42 U.S.C. 6293) is amended—

(1) in subsection (b), by adding at the end the following:

“(9) Test procedures for illuminated exit signs shall be based on the test method used under version 2.0 of the Energy Star program of the Environmental Protection Agency for illuminated exit signs.

“(10)(A) Test procedures for distribution transformers and low voltage dry-type distribution transformers shall be based on the ‘Standard Test Method for Measuring the Energy Consumption of Distribution Transformers’ prescribed by the National Electrical Manufacturers Association (NEMA TP 2-1998).

“(B) The Secretary may review and revise the test procedures established under subparagraph (A).

“(C) For purposes of section 346(a), the test procedures established under subparagraph (A) shall be considered to be the testing requirements prescribed by the Secretary under section 346(a)(1) for distribution transformers for which the Secretary makes a determination that energy conservation standards would—

“(i) be technologically feasible and economically justified;

and

“(ii) result in significant energy savings.

“(11) Test procedures for traffic signal modules and pedestrian modules shall be based on the test method used under the Energy Star program of the Environmental Protection Agency for traffic signal modules, as in effect on the date of enactment of this paragraph.

“(12)(A) Test procedures for medium base compact fluorescent lamps shall be based on the test methods for compact fluorescent lamps used under the August 9, 2001, version of the Energy Star program of the Environmental Protection Agency and the Department of Energy.

“(B) Except as provided in subparagraph (C), medium base compact fluorescent lamps shall meet all test requirements for regulated parameters of section 325(cc).

“(C) Notwithstanding subparagraph (B), if manufacturers document engineering predictions and analysis that support expected attainment of lumen maintenance at 40 percent rated life and lamp lifetime, medium base compact fluorescent lamps may be marketed before completion of the testing of lamp life and lumen maintenance at 40 percent of rated life.

“(13) Test procedures for dehumidifiers shall be based on the test criteria used under the Energy Star Program Requirements for Dehumidifiers developed by the Environmental Protection Agency, as in effect on the date of enactment of this paragraph unless revised by the Secretary pursuant to this section.

“(14) The test procedure for measuring flow rate for commercial prerinse spray valves shall be based on American Society for Testing and Materials Standard F2324, entitled ‘Standard Test Method for Pre-Rinse Spray Valves’.

“(15) The test procedure for refrigerated bottled or canned beverage vending machines shall be based on American National Standards Institute/American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 32.1–2004, entitled ‘Methods of Testing for Rating Vending Machines for Bottled, Canned or Other Sealed Beverages’.

“(16)(A)(i) Test procedures for ceiling fans shall be based on the ‘Energy Star Testing Facility Guidance Manual: Building a Testing Facility and Performing the Solid State Test Method for ENERGY STAR Qualified Ceiling Fans, Version 1.1’ published by the Environmental Protection Agency.

“(ii) Test procedures for ceiling fan light kits shall be based on the test procedures referenced in the Energy Star specifications for Residential Light Fixtures and Compact Fluorescent Light Bulbs, as in effect on the date of enactment of this paragraph.

“(B) The Secretary may review and revise the test procedures established under subparagraph (A).”; and

(2) by adding at the end the following:

Deadline.
Requirements.

“(f) ADDITIONAL CONSUMER AND COMMERCIAL PRODUCTS.—(1) Not later than 2 years after the date of enactment of this subsection, the Secretary shall prescribe testing requirements for refrigerated bottled or canned beverage vending machines.

“(2) To the maximum extent practicable, the testing requirements prescribed under paragraph (1) shall be based on existing test procedures used in industry.”.

(c) STANDARD SETTING AUTHORITY.—Section 325 of the Energy Policy and Conservation Act (42 U.S.C. 6295) is amended—

(1) in subsection (f)(3), by adding at the end the following:

“(D) Notwithstanding any other provision of this Act, if the requirements of subsection (o) are met, the Secretary may consider and prescribe energy conservation standards or energy use standards for electricity used for purposes of circulating air through duct work.”;

(2) in subsection (g)—

(A) in paragraph (6)(B), by inserting “and labeled” after “designed”; and

(B) by adding at the end the following:

“(8)(A) Each fluorescent lamp ballast (other than replacement ballasts or ballasts described in subparagraph (C))—

“(i)(I) manufactured on or after July 1, 2009;

“(II) sold by the manufacturer on or after October 1, 2009;

or

“(III) incorporated into a luminaire by a luminaire manufacturer on or after July 1, 2010; and

“(ii) designed—

“(I) to operate at nominal input voltages of 120 or 277 volts;

“(II) to operate with an input current frequency of 60 Hertz; and

“(III) for use in connection with F34T12 lamps, F96T12/ES lamps, or F96T12HO/ES lamps;

shall have a power factor of 0.90 or greater and shall have a ballast efficacy factor of not less than the following:

“Application for operation of	Ballast input voltage	Total nominal lamp watts	Ballast efficacy factor
One F34T12 lamp	120/277	34	2.61
Two F34T12 lamps	120/277	68	1.35
Two F96T12/ES lamps	120/277	120	0.77
Two F96T12HO/ES lamps	120/277	190	0.42.

“(B) The standards described in subparagraph (A) shall apply to all ballasts covered by subparagraph (A)(ii) that are manufactured on or after July 1, 2010, or sold by the manufacturer on or after October 1, 2010.

Applicability.

“(C) The standards described in subparagraph (A) do not apply to—

“(i) a ballast that is designed for dimming to 50 percent or less of the maximum output of the ballast;

“(ii) a ballast that is designed for use with 2 F96T12HO lamps at ambient temperatures of 20°F or less and for use in an outdoor sign; or

“(iii) a ballast that has a power factor of less than 0.90 and is designed and labeled for use only in residential applications.”;

(3) in subsection (o), by adding at the end the following:

“(5) The Secretary may set more than 1 energy conservation standard for products that serve more than 1 major function by setting 1 energy conservation standard for each major function.”; and

(4) by adding at the end the following:

“(u) BATTERY CHARGER AND EXTERNAL POWER SUPPLY ELECTRIC ENERGY CONSUMPTION.—(1)(A) Not later than 18 months after the date of enactment of this subsection, the Secretary shall, after providing notice and an opportunity for comment, prescribe, by

Deadline.
Notice.
Regulations.

rule, definitions and test procedures for the power use of battery chargers and external power supplies.

“(B) In establishing the test procedures under subparagraph (A), the Secretary shall—

“(i) consider existing definitions and test procedures used for measuring energy consumption in standby mode and other modes; and

“(ii) assess the current and projected future market for battery chargers and external power supplies.

“(C) The assessment under subparagraph (B)(ii) shall include—

“(i) estimates of the significance of potential energy savings from technical improvements to battery chargers and external power supplies; and

“(ii) suggested product classes for energy conservation standards.

Deadline.

“(D) Not later than 18 months after the date of enactment of this subsection, the Secretary shall hold a scoping workshop to discuss and receive comments on plans for developing energy conservation standards for energy use for battery chargers and external power supplies.

Deadline.
Regulations.

“(E)(i) Not later than 3 years after the date of enactment of this subsection, the Secretary shall issue a final rule that determines whether energy conservation standards shall be issued for battery chargers and external power supplies or classes of battery chargers and external power supplies.

“(ii) For each product class, any energy conservation standards issued under clause (i) shall be set at the lowest level of energy use that—

“(I) meets the criteria and procedures of subsections (o), (p), (q), (r), (s), and (t); and

“(II) would result in significant overall annual energy savings, considering standby mode and other operating modes.

“(2) In determining under section 323 whether test procedures and energy conservation standards under this section should be revised with respect to covered products that are major sources of standby mode energy consumption, the Secretary shall consider whether to incorporate standby mode into the test procedures and energy conservation standards, taking into account standby mode power consumption compared to overall product energy consumption.

“(3) The Secretary shall not propose an energy conservation standard under this section, unless the Secretary has issued applicable test procedures for each product under section 323.

Applicability.
Effective date.

“(4) Any energy conservation standard issued under this subsection shall be applicable to products manufactured or imported beginning on the date that is 3 years after the date of issuance.

“(5) The Secretary and the Administrator shall collaborate and develop programs (including programs under section 324A and other voluntary industry agreements or codes of conduct) that are designed to reduce standby mode energy use.

Deadline.
Regulations.

“(v) CEILING FANS AND REFRIGERATED BEVERAGE VENDING MACHINES.—(1) Not later than 1 year after the date of enactment of this subsection, the Secretary shall prescribe, by rule, test procedures and energy conservation standards for ceiling fans and ceiling fan light kits. If the Secretary sets such standards, the Secretary shall consider exempting or setting different standards for certain product classes for which the primary standards are not technically

feasible or economically justified, and establishing separate or exempted product classes for highly decorative fans for which air movement performance is a secondary design feature.

“(2) Not later than 4 years after the date of enactment of this subsection, the Secretary shall prescribe, by rule, energy conservation standards for refrigerated bottle or canned beverage vending machines.

Deadline.
Regulations.

“(3) In establishing energy conservation standards under this subsection, the Secretary shall use the criteria and procedures prescribed under subsections (o) and (p).

“(4) Any energy conservation standard prescribed under this subsection shall apply to products manufactured 3 years after the date of publication of a final rule establishing the energy conservation standard.

Applicability.

“(w) ILLUMINATED EXIT SIGNS.—An illuminated exit sign manufactured on or after January 1, 2006, shall meet the version 2.0 Energy Star Program performance requirements for illuminated exit signs prescribed by the Environmental Protection Agency.

“(x) TORCHIERES.—A torchiere manufactured on or after January 1, 2006—

“(1) shall consume not more than 190 watts of power; and

“(2) shall not be capable of operating with lamps that total more than 190 watts.

“(y) LOW VOLTAGE DRY-TYPE DISTRIBUTION TRANSFORMERS.—The efficiency of a low voltage dry-type distribution transformer manufactured on or after January 1, 2007, shall be the Class I Efficiency Levels for distribution transformers specified in table 4-2 of the ‘Guide for Determining Energy Efficiency for Distribution Transformers’ published by the National Electrical Manufacturers Association (NEMA TP-1-2002).

“(z) TRAFFIC SIGNAL MODULES AND PEDESTRIAN MODULES.—Any traffic signal module or pedestrian module manufactured on or after January 1, 2006, shall—

“(1) meet the performance requirements used under the Energy Star program of the Environmental Protection Agency for traffic signals, as in effect on the date of enactment of this subsection; and

“(2) be installed with compatible, electrically connected signal control interface devices and conflict monitoring systems.

“(aa) UNIT HEATERS.—A unit heater manufactured on or after the date that is 3 years after the date of enactment of this subsection shall—

“(1) be equipped with an intermittent ignition device; and

“(2) have power venting or an automatic flue damper.

“(bb) MEDIUM BASE COMPACT FLUORESCENT LAMPS.—(1) A bare lamp and covered lamp (no reflector) medium base compact fluorescent lamp manufactured on or after January 1, 2006, shall meet the following requirements prescribed by the August 9, 2001, version of the Energy Star Program Requirements for Compact Fluorescent Lamps, Energy Star Eligibility Criteria, Energy-Efficiency Specification issued by the Environmental Protection Agency and Department of Energy:

“(A) Minimum initial efficacy.

“(B) Lumen maintenance at 1000 hours.

“(C) Lumen maintenance at 40 percent of rated life.

“(D) Rapid cycle stress test.

“(E) Lamp life.

“(2) The Secretary may, by rule, establish requirements for color quality (CRI), power factor, operating frequency, and maximum allowable start time based on the requirements prescribed by the August 9, 2001, version of the Energy Star Program Requirements for Compact Fluorescent Lamps.

“(3) The Secretary may, by rule—

“(A) revise the requirements established under paragraph (2); or

“(B) establish other requirements, after considering energy savings, cost effectiveness, and consumer satisfaction.

“(cc) DEHUMIDIFIERS.—(1) Dehumidifiers manufactured on or after October 1, 2007, shall have an Energy Factor that meets or exceeds the following values:

“Product Capacity (pints/day):	Minimum Energy Factor (Liters/kWh)
25.00 or less	1.00
25.01 – 35.00	1.20
35.01 – 54.00	1.30
54.01 – 74.99	1.50
75.00 or more	2.25.

Deadline.
Publication.
Regulations.

“(2)(A) Not later than October 1, 2009, the Secretary shall publish a final rule in accordance with subsections (o) and (p), to determine whether the energy conservation standards established under paragraph (1) should be amended.

“(B) The final rule published under subparagraph (A) shall—

“(i) contain any amendment by the Secretary; and

Applicability.

“(ii) provide that the amendment applies to products manufactured on or after October 1, 2012.

“(C) If the Secretary does not publish an amendment that takes effect by October 1, 2012, dehumidifiers manufactured on or after October 1, 2012, shall have an Energy Factor that meets or exceeds the following values:

“Product Capacity (pints/day):	Minimum Energy Factor (Liters/kWh)
25.00 or less	1.20
25.01 – 35.00	1.30
35.01 – 45.00	1.40
45.01 – 54.00	1.50
54.01 – 74.99	1.60
75.00 or more	2.5.

“(dd) COMMERCIAL PRERINSE SPRAY VALVES.—Commercial prerinse spray valves manufactured on or after January 1, 2006, shall have a flow rate of not more than 1.6 gallons per minute.

“(ee) MERCURY VAPOR LAMP BALLASTS.—Mercury vapor lamp ballasts shall not be manufactured or imported after January 1, 2008.

“(ff) CEILING FANS AND CEILING FAN LIGHT KITS.—(1)(A) All ceiling fans manufactured on or after January 1, 2007, shall have the following features:

“(i) Fan speed controls separate from any lighting controls.

“(ii) Adjustable speed controls (either more than 1 speed or variable speed).

“(iii) Adjustable speed controls (either more than 1 speed or variable speed).

“(iv) The capability of reversible fan action, except for—

“(I) fans sold for industrial applications;

“(II) outdoor applications; and

“(III) cases in which safety standards would be violated by the use of the reversible mode.

“(B) The Secretary may define the exceptions described in clause (iv) in greater detail, but shall not substantively expand the exceptions.

“(2)(A) Ceiling fan light kits with medium screw base sockets manufactured on or after January 1, 2007, shall be packaged with screw-based lamps to fill all screw base sockets.

“(B) The screw-based lamps required under subparagraph (A) shall—

“(i) meet the Energy Star Program Requirements for Compact Fluorescent Lamps, version 3.0, issued by the Department of Energy; or

“(ii) use light sources other than compact fluorescent lamps that have lumens per watt performance at least equivalent to comparably configured compact fluorescent lamps meeting the Energy Star Program Requirements described in clause (i).

“(3) Ceiling fan light kits with pin-based sockets for fluorescent lamps manufactured on or after January 1, 2007 shall—

“(A) meet the Energy Star Program Requirements for Residential Light Fixtures version 4.0 issued by the Environmental Protection Agency; and

“(B) be packaged with lamps to fill all sockets.

“(4)(A) By January 1, 2007, the Secretary shall consider and issue requirements for any ceiling fan lighting kits other than those covered in paragraphs (2) and (3), including candelabra screw base sockets.

Deadline.
Requirements.

“(B) The requirements issued under subparagraph (A) shall be effective for products manufactured 2 years after the date of the final rule.

“(C) If the Secretary fails to issue a final rule by the date specified in subparagraph (B), any type of ceiling fan lighting kit described in subparagraph (A) that is manufactured after January 1, 2009—

“(i) shall not be capable of operating with lamps that total more than 190 watts; and

“(ii) shall include the lamps described in clause (i) in the ceiling fan lighting kits.

“(5)(A) After January 1, 2010, the Secretary may consider, and issue, if the requirements of subsections (o) and (p) are met, amended energy efficiency standards for ceiling fan light kits.

“(B) Any amended standards issued under subparagraph (A) shall apply to products manufactured not earlier than 2 years after the date of publication of the final rule establishing the amended standard.

Applicability.

“(6)(A) Notwithstanding any other provision of this Act, the Secretary may consider, and issue, if the requirements of subsections (o) and (p) are met, energy efficiency or energy use standards for electricity used by ceiling fans to circulate air in a room.

“(B) In issuing the standards under subparagraph (A), the Secretary shall consider—

“(C) exempting, or setting different standards for, certain product classes for which the primary standards are not technically feasible or economically justified; and

Applicability.

“(D) establishing separate exempted product classes for highly decorative fans for which air movement performance is a secondary design feature.

“(7) Section 327 shall apply to the products covered in paragraphs (1) through (4) beginning on the date of enactment of this subsection, except that any State or local labeling requirement for ceiling fans prescribed or enacted before the date of enactment of this subsection shall not be preempted until the labeling requirements applicable to ceiling fans established under section 327 take effect.

“(gg) APPLICATION DATE.—Section 327 applies—

“(1) to products for which energy conservation standards are to be established under subsection (l), (u), or (v) beginning on the date on which a final rule is issued by the Secretary, except that any State or local standard prescribed or enacted for the product before the date on which the final rule is issued shall not be preempted until the energy conservation standard established under subsection (l), (u), or (v) for the product takes effect; and

“(2) to products for which energy conservation standards are established under subsections (w) through (ff) on the date of enactment of those subsections, except that any State or local standard prescribed or enacted before the date of enactment of those subsections shall not be preempted until the energy conservation standards established under subsections (w) through (ff) take effect.”.

(d) GENERAL RULE OF PREEMPTION.—Section 327(c) of the Energy Policy and Conservation Act (42 U.S.C. 6297(c)) is amended—

(1) in paragraph (5), by striking “or” at the end;

(2) in paragraph (6), by striking the period at the end and inserting “; or”; and

(3) by adding at the end the following:

“(7)(A) is a regulation concerning standards for commercial prerinse spray valves adopted by the California Energy Commission before January 1, 2005; or

“(B) is an amendment to a regulation described in subparagraph (A) that was developed to align California regulations with changes in American Society for Testing and Materials Standard F2324;

“(8)(A) is a regulation concerning standards for pedestrian modules adopted by the California Energy Commission before January 1, 2005; or

“(B) is an amendment to a regulation described in subparagraph (A) that was developed to align California regulations to changes in the Institute for Transportation Engineers standards, entitled ‘Performance Specification: Pedestrian Traffic Control Signal Indications’.”.

SEC. 136. ENERGY CONSERVATION STANDARDS FOR COMMERCIAL EQUIPMENT.

(a) DEFINITIONS.—Section 340 of the Energy Policy and Conservation Act (42 U.S.C. 6311) is amended—

(1) in paragraph (1)—

(A) by redesignating subparagraphs (D) through (G) as subparagraphs (H) through (K), respectively; and

(B) by inserting after subparagraph (C) the following:

“(D) Very large commercial package air conditioning and heating equipment.

“(E) Commercial refrigerators, freezers, and refrigerator-freezers.

“(F) Automatic commercial ice makers.

“(G) Commercial clothes washers.”;

(2) in paragraph (2)(B), by striking “small and large commercial package air conditioning and heating equipment” and inserting “commercial refrigerators, freezers, and refrigerator-freezers, automatic commercial ice makers, commercial clothes washers”;

(3) by striking paragraphs (8) and (9) and inserting the following:

“(8)(A) The term ‘commercial package air conditioning and heating equipment’ means air-cooled, water-cooled, evaporatively-cooled, or water source (not including ground water source) electrically operated, unitary central air conditioners and central air conditioning heat pumps for commercial application.

“(B) The term ‘small commercial package air conditioning and heating equipment’ means commercial package air conditioning and heating equipment that is rated below 135,000 Btu per hour (cooling capacity).

“(C) The term ‘large commercial package air conditioning and heating equipment’ means commercial package air conditioning and heating equipment that is rated—

“(i) at or above 135,000 Btu per hour; and

“(ii) below 240,000 Btu per hour (cooling capacity).

“(D) The term ‘very large commercial package air conditioning and heating equipment’ means commercial package air conditioning and heating equipment that is rated—

“(i) at or above 240,000 Btu per hour; and

“(ii) below 760,000 Btu per hour (cooling capacity).

“(9)(A) The term ‘commercial refrigerator, freezer, and refrigerator-freezer’ means refrigeration equipment that—

“(i) is not a consumer product (as defined in section 321);

“(ii) is not designed and marketed exclusively for medical, scientific, or research purposes;

“(iii) operates at a chilled, frozen, combination chilled and frozen, or variable temperature;

“(iv) displays or stores merchandise and other perishable materials horizontally, semivertically, or vertically;

“(v) has transparent or solid doors, sliding or hinged doors, a combination of hinged, sliding, transparent, or solid doors, or no doors;

“(vi) is designed for pull-down temperature applications or holding temperature applications; and

“(vii) is connected to a self-contained condensing unit or to a remote condensing unit.

“(B) The term ‘holding temperature application’ means a use of commercial refrigeration equipment other than a pull-down temperature application, except a blast chiller or freezer.

“(C) The term ‘integrated average temperature’ means the average temperature of all test package measurements taken during the test.

“(D) The term ‘pull-down temperature application’ means a commercial refrigerator with doors that, when fully loaded with 12 ounce beverage cans at 90 degrees F, can cool those beverages to an average stable temperature of 38 degrees F in 12 hours or less.

“(E) The term ‘remote condensing unit’ means a factory-made assembly of refrigerating components designed to compress and liquefy a specific refrigerant that is remotely located from the refrigerated equipment and consists of one or more refrigerant compressors, refrigerant condensers, condenser fans and motors, and factory supplied accessories.

“(F) The term ‘self-contained condensing unit’ means a factory-made assembly of refrigerating components designed to compress and liquefy a specific refrigerant that is an integral part of the refrigerated equipment and consists of one or more refrigerant compressors, refrigerant condensers, condenser fans and motors, and factory supplied accessories.”; and

(4) by adding at the end the following:

“(19) The term ‘automatic commercial ice maker’ means a factory-made assembly (not necessarily shipped in one package) that—

“(A) consists of a condensing unit and ice-making section operating as an integrated unit, with means for making and harvesting ice; and

“(B) may include means for storing ice, dispensing ice, or storing and dispensing ice.

“(20) The term ‘commercial clothes washer’ means a soft-mount front-loading or soft-mount top-loading clothes washer that—

“(A) has a clothes container compartment that—

“(i) for horizontal-axis clothes washers, is not more than 3.5 cubic feet; and

“(ii) for vertical-axis clothes washers, is not more than 4.0 cubic feet; and

“(B) is designed for use in—

“(i) applications in which the occupants of more than one household will be using the clothes washer, such as multi-family housing common areas and coin laundries; or

“(ii) other commercial applications.

“(21) The term ‘harvest rate’ means the amount of ice (at 32 degrees F) in pounds produced per 24 hours.”.

(b) STANDARDS FOR COMMERCIAL PACKAGE AIR CONDITIONING AND HEATING EQUIPMENT.—Section 342(a) of the Energy Policy and Conservation Act (42 U.S.C. 6313(a)) is amended—

(1) in the subsection heading, by striking “SMALL AND LARGE” and inserting “SMALL, LARGE, AND VERY LARGE”;

(2) in paragraph (1), by inserting “but before January 1, 2010,” after “January 1, 1994,”;

(3) in paragraph (2), by inserting “but before January 1, 2010,” after “January 1, 1995,”; and

(4) in paragraph (6)—

(A) in subparagraph (A)—

(i) by inserting “(i)” after “(A)”;

(ii) by striking “the date of enactment of the Energy Policy Act of 1992” and inserting “January 1, 2010”;

(iii) by inserting after “large commercial package air conditioning and heating equipment,” the following: “and very large commercial package air conditioning and heating equipment, or if ASHRAE/IES Standard 90.1, as in effect on October 24, 1992, is amended with respect to any”; and

(iv) by adding at the end the following:

“(ii) If ASHRAE/IES Standard 90.1 is not amended with respect to small commercial package air conditioning and heating equipment, large commercial package air conditioning and heating equipment, and very large commercial package air conditioning and heating equipment during the 5-year period beginning on the effective date of a standard, the Secretary may initiate a rulemaking to determine whether a more stringent standard—

“(I) would result in significant additional conservation of energy; and

“(II) is technologically feasible and economically justified.”; and

(B) in subparagraph (C)(ii), by inserting “and very large commercial package air conditioning and heating equipment” after “large commercial package air conditioning and heating equipment”; and

(5) by adding at the end the following:

“(7) Small commercial package air conditioning and heating equipment manufactured on or after January 1, 2010, shall meet the following standards:

“(A) The minimum energy efficiency ratio of air-cooled central air conditioners at or above 65,000 Btu per hour (cooling capacity) and less than 135,000 Btu per hour (cooling capacity) shall be—

“(i) 11.2 for equipment with no heating or electric resistance heating; and

“(ii) 11.0 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(B) The minimum energy efficiency ratio of air-cooled central air conditioner heat pumps at or above 65,000 Btu per hour (cooling capacity) and less than 135,000 Btu per hour (cooling capacity) shall be—

“(i) 11.0 for equipment with no heating or electric resistance heating; and

“(ii) 10.8 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(C) The minimum coefficient of performance in the heating mode of air-cooled central air conditioning heat pumps at or above 65,000 Btu per hour (cooling capacity) and less than 135,000 Btu per hour (cooling capacity) shall be 3.3 (at a high temperature rating of 47 degrees F db).

“(8) Large commercial package air conditioning and heating equipment manufactured on or after January 1, 2010, shall meet the following standards:

“(A) The minimum energy efficiency ratio of air-cooled central air conditioners at or above 135,000 Btu per hour (cooling capacity) and less than 240,000 Btu per hour (cooling capacity) shall be—

“(i) 11.0 for equipment with no heating or electric resistance heating; and

“(ii) 10.8 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(B) The minimum energy efficiency ratio of air-cooled central air conditioner heat pumps at or above 135,000 Btu per hour (cooling capacity) and less than 240,000 Btu per hour (cooling capacity) shall be—

“(i) 10.6 for equipment with no heating or electric resistance heating; and

“(ii) 10.4 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(C) The minimum coefficient of performance in the heating mode of air-cooled central air conditioning heat pumps at or above 135,000 Btu per hour (cooling capacity) and less than 240,000 Btu per hour (cooling capacity) shall be 3.2 (at a high temperature rating of 47 degrees F db).

“(9) Very large commercial package air conditioning and heating equipment manufactured on or after January 1, 2010, shall meet the following standards:

“(A) The minimum energy efficiency ratio of air-cooled central air conditioners at or above 240,000 Btu per hour (cooling capacity) and less than 760,000 Btu per hour (cooling capacity) shall be—

“(i) 10.0 for equipment with no heating or electric resistance heating; and

“(ii) 9.8 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(B) The minimum energy efficiency ratio of air-cooled central air conditioner heat pumps at or above 240,000 Btu per hour (cooling capacity) and less than 760,000 Btu per hour (cooling capacity) shall be—

“(i) 9.5 for equipment with no heating or electric resistance heating; and

“(ii) 9.3 for equipment with all other heating system types that are integrated into the equipment (at a standard rating of 95 degrees F db).

“(C) The minimum coefficient of performance in the heating mode of air-cooled central air conditioning heat pumps at or above 240,000 Btu per hour (cooling capacity) and less than 760,000 Btu per hour (cooling capacity) shall be 3.2 (at a high temperature rating of 47 degrees F db).”

(c) STANDARDS FOR COMMERCIAL REFRIGERATORS, FREEZERS, AND REFRIGERATOR-FREEZERS.—Section 342 of the Energy Policy and Conservation Act (42 U.S.C. 6313) is amended by adding at the end the following:

“(c) COMMERCIAL REFRIGERATORS, FREEZERS, AND REFRIGERATOR-FREEZERS.—(1) In this subsection:

“(A) The term ‘AV’ means the adjusted volume (ft³) (defined as 1.63 x frozen temperature compartment volume (ft³) + chilled temperature compartment volume (ft³)) with compartment volumes measured in accordance with the Association of Home Appliance Manufacturers Standard HRF1-1979.

“(B) The term ‘V’ means the chilled or frozen compartment volume (ft³) (as defined in the Association of Home Appliance Manufacturers Standard HRF1–1979).

“(C) Other terms have such meanings as may be established by the Secretary, based on industry-accepted definitions and practice.

“(2) Each commercial refrigerator, freezer, and refrigerator-freezer with a self-contained condensing unit designed for holding temperature applications manufactured on or after January 1, 2010, shall have a daily energy consumption (in kilowatt hours per day) that does not exceed the following:

Refrigerators with solid doors	0.10 V + 2.04
Refrigerators with transparent doors	0.12 V + 3.34
Freezers with solid doors	0.40 V + 1.38
Freezers with transparent doors	0.75 V + 4.10
Refrigerators/freezers with solid doors the greater of.	0.27 AV – 0.71 or 0.70.

“(3) Each commercial refrigerator with a self-contained condensing unit designed for pull-down temperature applications and transparent doors manufactured on or after January 1, 2010, shall have a daily energy consumption (in kilowatt hours per day) of not more than 0.126 V + 3.51.

“(4)(A) Not later than January 1, 2009, the Secretary shall issue, by rule, standard levels for ice-cream freezers, self-contained commercial refrigerators, freezers, and refrigerator-freezers without doors, and remote condensing commercial refrigerators, freezers, and refrigerator-freezers, with the standard levels effective for equipment manufactured on or after January 1, 2012.

Deadline.
Regulations.

“(B) The Secretary may issue, by rule, standard levels for other types of commercial refrigerators, freezers, and refrigerator-freezers not covered by paragraph (2)(A) with the standard levels effective for equipment manufactured 3 or more years after the date on which the final rule is published.

“(5)(A) Not later than January 1, 2013, the Secretary shall issue a final rule to determine whether the standards established under this subsection should be amended.

Deadlines.
Regulations.

“(B) Not later than 3 years after the effective date of any amended standards under subparagraph (A) or the publication of a final rule determining that the standards should not be amended, the Secretary shall issue a final rule to determine whether the standards established under this subsection or the amended standards, as applicable, should be amended.

“(C) If the Secretary issues a final rule under subparagraph (A) or (B) establishing amended standards, the final rule shall provide that the amended standards apply to products manufactured on or after the date that is—

Applicability.

“(i) 3 years after the date on which the final amended standard is published; or

“(ii) if the Secretary determines, by rule, that 3 years is inadequate, not later than 5 years after the date on which the final rule is published.”

(d) STANDARDS FOR AUTOMATIC COMMERCIAL ICE MAKERS.—Section 342 of the Energy Policy and Conservation Act (42 U.S.C.

6313) (as amended by subsection (c)) is amended by adding at the end the following:

“(d) AUTOMATIC COMMERCIAL ICE MAKERS.—(1) Each automatic commercial ice maker that produces cube type ice with capacities between 50 and 2500 pounds per 24-hour period when tested according to the test standard established in section 343(a)(7) and is manufactured on or after January 1, 2010, shall meet the following standard levels:

Equipment Type	Type of Cooling	Harvest Rate (lbs ice/24 hours)	Maximum Energy Use (kWh/100 lbs Ice)	Maximum Condenser Water Use (gal/100 lbs Ice)
Ice Making Head	Water	<500	7.80–0.0055H	200–0.022H
		≥500 and <1436	5.58–0.0011H	200–0.022H
		≥1436	4.0	200–0.022H
Ice Making Head	Air	<450	10.26–0.0086H	Not Applicable
		≥450	6.89–0.0011H	Not Applicable
Remote Condensing (but not remote compressor)	Air	<1000	8.85–0.0038H	Not Applicable
		≥1000	5.10	Not Applicable
Remote Condensing and Remote Compressor	Air	<934	8.85–0.0038H	Not Applicable
		≥934	5.3	Not Applicable
Self Contained	Water	<200	11.40–0.019H	191–0.0315H
		≥200	7.60	191–0.0315H
Self Contained	Air	<175	18.0–0.0469H	Not Applicable
		≥175	9.80	Not Applicable

H = Harvest rate in pounds per 24 hours.

Water use is for the condenser only and does not include potable water used to make ice.

“(2)(A) The Secretary may issue, by rule, standard levels for types of automatic commercial ice makers that are not covered by paragraph (1).

“(B) The standards established under subparagraph (A) shall apply to products manufactured on or after the date that is—

“(i) 3 years after the date on which the rule is published under subparagraph (A); or

Applicability.

“(ii) if the Secretary determines, by rule, that 3 years is inadequate, not later than 5 years after the date on which the final rule is published. Deadline.

“(3)(A) Not later than January 1, 2015, with respect to the standards established under paragraph (1), and, with respect to the standards established under paragraph (2), not later than 5 years after the date on which the standards take effect, the Secretary shall issue a final rule to determine whether amending the applicable standards is technologically feasible and economically justified. Deadlines.
Regulations.

“(B) Not later than 5 years after the effective date of any amended standards under subparagraph (A) or the publication of a final rule determining that amending the standards is not technologically feasible or economically justified, the Secretary shall issue a final rule to determine whether amending the standards established under paragraph (1) or the amended standards, as applicable, is technologically feasible or economically justified.

“(C) If the Secretary issues a final rule under subparagraph (A) or (B) establishing amended standards, the final rule shall provide that the amended standards apply to products manufactured on or after the date that is— Applicability.

“(i) 3 years after the date on which the final amended standard is published; or

“(ii) if the Secretary determines, by rule, that 3 years is inadequate, not later than 5 years after the date on which the final amended standard is published.

“(4) A final rule issued under paragraph (2) or (3) shall establish standards at the maximum level that is technically feasible and economically justified, as provided in subsections (o) and (p) of section 325.”.

(e) STANDARDS FOR COMMERCIAL CLOTHES WASHERS.—Section 342 of the Energy Policy and Conservation Act (42 U.S.C. 6313) (as amended by subsection (d)) is amended by adding at the end the following:

“(e) COMMERCIAL CLOTHES WASHERS.—(1) Each commercial clothes washer manufactured on or after January 1, 2007, shall have—

“(A) a Modified Energy Factor of at least 1.26; and

“(B) a Water Factor of not more than 9.5.

“(2)(A)(i) Not later than January 1, 2010, the Secretary shall publish a final rule to determine whether the standards established under paragraph (1) should be amended. Deadlines.
Publication.
Regulations.

“(ii) The rule published under clause (i) shall provide that any amended standard shall apply to products manufactured 3 years after the date on which the final amended standard is published. Applicability.

“(B)(i) Not later than January 1, 2015, the Secretary shall publish a final rule to determine whether the standards established under paragraph (1) should be amended.

“(ii) The rule published under clause (i) shall provide that any amended standard shall apply to products manufactured 3 years after the date on which the final amended standard is published.”. Applicability.

(f) TEST PROCEDURES.—Section 343 of the Energy Policy and Conservation Act (42 U.S.C. 6314) is amended—

(1) in subsection (a)—

(A) in paragraph (4)—

(i) in subparagraph (A), by inserting “very large commercial package air conditioning and heating equipment,” after “large commercial package air conditioning and heating equipment,”; and

(ii) in subparagraph (B), by inserting “very large commercial package air conditioning and heating equipment,” after “large commercial package air conditioning and heating equipment,”; and

(B) by adding at the end the following:

“(6)(A)(i) In the case of commercial refrigerators, freezers, and refrigerator-freezers, the test procedures shall be—

“(I) the test procedures determined by the Secretary to be generally accepted industry testing procedures; or

“(II) rating procedures developed or recognized by the ASHRAE or by the American National Standards Institute.

“(ii) In the case of self-contained refrigerators, freezers, and refrigerator-freezers to which standards are applicable under paragraphs (2) and (3) of section 342(c), the initial test procedures shall be the ASHRAE 117 test procedure that is in effect on January 1, 2005.

“(B)(i) In the case of commercial refrigerators, freezers, and refrigerator-freezers with doors covered by the standards adopted in February 2002, by the California Energy Commission, the rating temperatures shall be the integrated average temperature of 38 degrees F (\pm 2 degrees F) for refrigerator compartments and 0 degrees F (\pm 2 degrees F) for freezer compartments.

Regulations.

“(C) The Secretary shall issue a rule in accordance with paragraphs (2) and (3) to establish the appropriate rating temperatures for the other products for which standards will be established under section 342(c)(4).

“(D) In establishing the appropriate test temperatures under this subparagraph, the Secretary shall follow the procedures and meet the requirements under section 323(e).

Deadline.
Regulations.

“(E)(i) Not later than 180 days after the publication of the new ASHRAE 117 test procedure, if the ASHRAE 117 test procedure for commercial refrigerators, freezers, and refrigerator-freezers is amended, the Secretary shall, by rule, amend the test procedure for the product as necessary to ensure that the test procedure is consistent with the amended ASHRAE 117 test procedure, unless the Secretary makes a determination, by rule, and supported by clear and convincing evidence, that to do so would not meet the requirements for test procedures under paragraphs (2) and (3).

Notice.
Federal Register,
publication.

“(ii) If the Secretary determines that 180 days is an insufficient period during which to review and adopt the amended test procedure or rating procedure under clause (i), the Secretary shall publish a notice in the Federal Register stating the intent of the Secretary to wait not longer than 1 additional year before putting into effect an amended test procedure or rating procedure.

Regulations.

“(F)(i) If a test procedure other than the ASHRAE 117 test procedure is approved by the American National Standards Institute, the Secretary shall, by rule—

“(I) review the relative strengths and weaknesses of the new test procedure relative to the ASHRAE 117 test procedure; and

“(II) based on that review, adopt one new test procedure for use in the standards program.

Applicability.

“(ii) If a new test procedure is adopted under clause (i)—

“(I) section 323(e) shall apply; and

“(II) subparagraph (B) shall apply to the adopted test procedure.

“(7)(A) In the case of automatic commercial ice makers, the test procedures shall be the test procedures specified in Air-Conditioning and Refrigeration Institute Standard 810–2003, as in effect on January 1, 2005.

“(B)(i) If Air-Conditioning and Refrigeration Institute Standard 810–2003 is amended, the Secretary shall amend the test procedures established in subparagraph (A) as necessary to be consistent with the amended Air-Conditioning and Refrigeration Institute Standard, unless the Secretary determines, by rule, published in the Federal Register and supported by clear and convincing evidence, that to do so would not meet the requirements for test procedures under paragraphs (2) and (3).

“(ii) If the Secretary issues a rule under clause (i) containing a determination described in clause (ii), the rule may establish an amended test procedure for the product that meets the requirements of paragraphs (2) and (3).

“(C) The Secretary shall comply with section 323(e) in establishing any amended test procedure under this paragraph.

“(8) With respect to commercial clothes washers, the test procedures shall be the same as the test procedures established by the Secretary for residential clothes washers under section 325(g).”; and

(2) in subsection (d)(1), by inserting “very large commercial package air conditioning and heating equipment, commercial refrigerators, freezers, and refrigerator-freezers, automatic commercial ice makers, commercial clothes washers,” after “large commercial package air conditioning and heating equipment,”.

(g) LABELING.—Section 344(e) of the Energy Policy and Conservation Act (42 U.S.C. 6315(e)) is amended by inserting “very large commercial package air conditioning and heating equipment, commercial refrigerators, freezers, and refrigerator-freezers, automatic commercial ice makers, commercial clothes washers,” after “large commercial package air conditioning and heating equipment,” each place it appears.

(h) ADMINISTRATION, PENALTIES, ENFORCEMENT, AND PREEMPTION.—Section 345 of the Energy Policy and Conservation Act (42 U.S.C. 6316) is amended—

(1) in subsection (a)—

(A) in paragraph (7), by striking “and” at the end;

(B) in paragraph (8), by striking the period at the end and inserting “; and”; and

(C) by adding at the end the following:

“(9) in the case of commercial clothes washers, section 327(b)(1) shall be applied as if the National Appliance Energy Conservation Act of 1987 was the Energy Policy Act of 2005.”;

(2) in the first sentence of subsection (b)(1), by striking “part B” and inserting “part A”; and

(3) by adding at the end the following:

“(d)(1) Except as provided in paragraphs (2) and (3), section 327 shall apply with respect to very large commercial package air conditioning and heating equipment to the same extent and in the same manner as section 327 applies under part A on the date of enactment of this subsection.

Regulations.
Federal Register,
publication.

Applicability.

- Effective date. “(2) Any State or local standard issued before the date of enactment of this subsection shall not be preempted until the standards established under section 342(a)(9) take effect on January 1, 2010.
- Applicability. “(e)(1)(A) Subsections (a), (b), and (d) of section 326, subsections (m) through (s) of section 325, and sections 328 through 336 shall apply with respect to commercial refrigerators, freezers, and refrigerator-freezers to the same extent and in the same manner as those provisions apply under part A.
“(B) In applying those provisions to commercial refrigerators, freezers, and refrigerator-freezers, paragraphs (1), (2), (3), and (4) of subsection (a) shall apply.
“(2)(A) Section 327 shall apply to commercial refrigerators, freezers, and refrigerator-freezers for which standards are established under paragraphs (2) and (3) of section 342(c) to the same extent and in the same manner as those provisions apply under part A on the date of enactment of this subsection, except that any State or local standard issued before the date of enactment of this subsection shall not be preempted until the standards established under paragraphs (2) and (3) of section 342(c) take effect.
“(B) In applying section 327 in accordance with subparagraph (A), paragraphs (1), (2), and (3) of subsection (a) shall apply.
“(3)(A) Section 327 shall apply to commercial refrigerators, freezers, and refrigerator-freezers for which standards are established under section 342(c)(4) to the same extent and in the same manner as the provisions apply under part A on the date of publication of the final rule by the Secretary, except that any State or local standard issued before the date of publication of the final rule by the Secretary shall not be preempted until the standards take effect.
“(B) In applying section 327 in accordance with subparagraph (A), paragraphs (1), (2), and (3) of subsection (a) shall apply.
“(4)(A) If the Secretary does not issue a final rule for a specific type of commercial refrigerator, freezer, or refrigerator-freezer within the time frame specified in section 342(c)(5), subsections (b) and (c) of section 327 shall not apply to that specific type of refrigerator, freezer, or refrigerator-freezer for the period beginning on the date that is 2 years after the scheduled date for a final rule and ending on the date on which the Secretary publishes a final rule covering the specific type of refrigerator, freezer, or refrigerator-freezer.
“(B) Any State or local standard issued before the date of publication of the final rule shall not be preempted until the final rule takes effect.
- Certification. “(5)(A) In the case of any commercial refrigerator, freezer, or refrigerator-freezer to which standards are applicable under paragraphs (2) and (3) of section 342(c), the Secretary shall require manufacturers to certify, through an independent, nationally recognized testing or certification program, that the commercial refrigerator, freezer, or refrigerator-freezer meets the applicable standard.
“(B) The Secretary shall, to the maximum extent practicable, encourage the establishment of at least 2 independent testing and certification programs.
- Records. “(C) As part of certification, information on equipment energy use and interior volume shall be made available to the Secretary.
- Applicability. “(f)(1)(A)(i) Except as provided in clause (ii), section 327 shall apply to automatic commercial ice makers for which standards

have been established under section 342(d)(1) to the same extent and in the same manner as the section applies under part A on the date of enactment of this subsection.

“(ii) Any State standard issued before the date of enactment of this subsection shall not be preempted until the standards established under section 342(d)(1) take effect.

“(B) In applying section 327 to the equipment under subparagraph (A), paragraphs (1), (2), and (3) of subsection (a) shall apply.

“(2)(A)(i) Except as provided in clause (ii), section 327 shall apply to automatic commercial ice makers for which standards have been established under section 342(d)(2) to the same extent and in the same manner as the section applies under part A on the date of publication of the final rule by the Secretary.

“(ii) Any State standard issued before the date of publication of the final rule by the Secretary shall not be preempted until the standards established under section 342(d)(2) take effect.

“(B) In applying section 327 in accordance with subparagraph (A), paragraphs (1), (2), and (3) of subsection (a) shall apply.

“(3)(A) If the Secretary does not issue a final rule for a specific type of automatic commercial ice maker within the time frame specified in section 342(d), subsections (b) and (c) of section 327 shall no longer apply to the specific type of automatic commercial ice maker for the period beginning on the day after the scheduled date for a final rule and ending on the date on which the Secretary publishes a final rule covering the specific type of automatic commercial ice maker.

“(B) Any State standard issued before the publication of the final rule shall not be preempted until the standards established in the final rule take effect.

“(4)(A) The Secretary shall monitor whether manufacturers are reducing harvest rates below tested values for the purpose of bringing non-complying equipment into compliance.

“(B) If the Secretary finds that there has been a substantial amount of manipulation with respect to harvest rates under subparagraph (A), the Secretary shall take steps to minimize the manipulation, such as requiring harvest rates to be within 5 percent of tested values.

“(g)(1)(A) If the Secretary does not issue a final rule for commercial clothes washers within the timeframe specified in section 342(e)(2), subsections (b) and (c) of section 327 shall not apply to commercial clothes washers for the period beginning on the day after the scheduled date for a final rule and ending on the date on which the Secretary publishes a final rule covering commercial clothes washers.

“(B) Any State or local standard issued before the date on which the Secretary publishes a final rule shall not be preempted until the standards established under section 342(e)(2) take effect.

“(2) The Secretary shall undertake an educational program to inform owners of laundromats, multifamily housing, and other sites where commercial clothes washers are located about the new standard, including impacts on washer purchase costs and options for recovering those costs through coin collection.”

**SEC. 141. REPORT ON FAILURE TO COMPLY WITH DEADLINES FOR
NEW OR REVISED ENERGY CONSERVATION STANDARDS.**

(a) INITIAL REPORT.—The Secretary shall submit a report to Congress regarding each new or revised energy conservation or water use standard which the Secretary has failed to issue in conformance with the deadlines established in the Energy Policy and Conservation Act. Such report shall state the reasons why the Secretary has failed to comply with the deadline for issuances of the new or revised standard and set forth the Secretary's plan for expeditiously prescribing such new or revised standard. The Secretary's initial report shall be submitted not later than 6 months following enactment of this Act and subsequent reports shall be submitted whenever the Secretary determines that additional deadlines for issuance of new or revised standards have been missed.

(b) IMPLEMENTATION REPORT.—Every 6 months following the submission of a report under subsection (a) until the adoption of a new or revised standard described in such report, the Secretary shall submit to the Congress an implementation report describing the Secretary's progress in implementing the Secretary's plan or the issuance of the new or revised standard.