

SENATE BILL 674

M3, C8

(71r0877)

ENROLLED BILL

— *Education, Health, and Environmental Affairs and Finance/Environmental Matters* —

Introduced by **Senators Pinsky, Britt, Della, Dyson, Forehand, Frosh, Garagiola, Gladden, Jones, Kelley, Lenett, Pugh, and Zirkin**

Read and Examined by Proofreaders:

Proofreader.

Proofreader.

Sealed with the Great Seal and presented to the Governor, for his approval this _____ day of _____ at _____ o'clock, _____ M.

President.

CHAPTER _____

1 AN ACT concerning

2 **Maryland Energy Efficiency Standards Act of 2007**

3 FOR the purpose of requiring the Public Service Commission to adopt certain
4 regulations concerning the purchase of certain equipment by certain electric
5 companies; authorizing the Commission to consider certain costs of certain
6 electric companies as costs to be included in a certain life-cycle cost
7 methodology for certain purposes; requiring the Maryland Energy
8 Administration to adopt regulations by a certain date to establish certain
9 minimum energy efficiency standards for certain new products sold in the State;
10 prohibiting certain new products from being sold or offered for sale in the State

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike-out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.

Italics indicate opposite chamber / conference committee amendments.



1 on or after certain dates unless the products meet the minimum energy
2 efficiency standards; authorizing the Administration to adopt regulations to
3 exempt compliance with certain standards; requiring the Administration, in
4 consultation with the Attorney General, to make certain determinations;
5 requiring the Administration to apply for certain waivers of federal preemption
6 under certain circumstances; authorizing the presiding officers of the General
7 Assembly to direct certain committees to hold a hearing on a certain application
8 by the Administration for a certain waiver of federal preemption; authorizing
9 the Administration to adopt certain test methods under certain circumstances;
10 prohibiting certain new products from being installed in the State on or after a
11 certain date unless the products meet or exceed the minimum energy efficiency
12 standards; authorizing the Administration to adopt regulations to establish
13 increased energy efficiency standards for certain new products sold in the State
14 under certain circumstances; ~~authorizing the Administration to adopt~~
15 ~~regulations to establish energy efficiency standards for certain other products~~
16 ~~under certain circumstances~~ requiring the Administration to consider and
17 propose to the General Assembly every 2 years certain new or revised standards
18 for certain products; defining certain terms; providing for the application of this
19 Act; and generally relating to energy efficiency standards for certain products.

20 BY repealing and reenacting, without amendments,
21 Article – Public Utility Companies
22 Section 1–101(a)
23 Annotated Code of Maryland
24 (1998 Volume and 2006 Supplement)

25 BY repealing and reenacting, with amendments,
26 Article – Public Utility Companies
27 Section 1–101(p) through (pp)
28 Annotated Code of Maryland
29 (1998 Volume and 2006 Supplement)

30 BY adding to
31 Article – Public Utility Companies
32 Section 1–101(p) and (oo) and 7–212
33 Annotated Code of Maryland
34 (1998 Volume and 2006 Supplement)

35 BY repealing and reenacting, with amendments,
36 Article – State Government
37 Section 9–2006
38 Annotated Code of Maryland
39 (2004 Replacement Volume and 2006 Supplement)

1 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF
2 MARYLAND, That the Laws of Maryland read as follows:

3 **Article – Public Utility Companies**

4 1–101.

5 (a) In this article the following words have the meanings indicated.

6 (P) **“LIQUID–IMMERSED DISTRIBUTION TRANSFORMER” MEANS A**
7 **TRANSFORMER THAT:**

8 (1) **HAS AN INPUT VOLTAGE OF 34,500 VOLTS OR LESS;**

9 (2) **HAS AN OUTPUT VOLTAGE OF 600 VOLTS OR LESS;**

10 (3) **USES OIL OR OTHER LIQUID AS A COOLANT; AND**

11 (4) **IS RATED FOR OPERATION AT A FREQUENCY OF 60 HERTZ.**

12 [(p)] (Q) **“Marketer”** means a person who purchases and takes title to
13 electricity or gas as an intermediary for sale to a customer.

14 [(q)] (R) **“Municipal electric utility”** means a municipal corporation, or a
15 division of a municipal corporation, that is in the business of transmitting or
16 distributing electricity for purposes other than end use by the municipal corporation.

17 [(r)] (S) **“On–site generated electricity”** means electricity that:

18 (1) is not transmitted or distributed over an electric company’s
19 transmission or distribution system; or

20 (2) is generated at a facility owned or operated by an electric customer
21 or operated by a designee of the owner who, with the other tenants of the facility,
22 consumes at least 80% of the power generated by the facility each year.

23 [(s)] (T) **“Own”** includes own, operate, lease to or from, manage, or control.

24 [(t)] (U) **“Person”** means an individual, receiver, trustee, guardian, personal
25 representative, fiduciary, or representative of any kind and any partnership, firm,
26 association, corporation, or other entity.

1 [(u)] (V) “Plant” includes all material, equipment, and property owned by a
2 public service company and used or to be used for or in connection with a public utility
3 service.

4 [(v)] (W) “Proceeding” includes an action, complaint, hearing, investigation,
5 trial, appeal, order, or similar matter pending before, made, or conducted by an official
6 body.

7 [(w)] (X) “Public service company” means a common carrier company,
8 electric company, gas company, sewage disposal company, telegraph company,
9 telephone company, water company, or any combination of public service companies.

10 [(x)] (Y) (1) “Railroad” means a common carrier by rail powered in any
11 manner.

12 (2) “Railroad” includes material, equipment, and property used on or
13 in connection with a railroad.

14 [(y)] (Z) (1) “Rate” means a toll, fare, tariff, fee, price, or other charge, or
15 a combination of these items, by a public service company for public utility service.

16 (2) “Rate” includes a schedule, regulation, classification, or practice of
17 a public service company that affects:

18 (i) the amount of a charge; or

19 (ii) the nature and value of the service rendered for the charge.

20 [(z)] (AA) (1) “Record” means the original or a copy of any documentary
21 material.

22 (2) “Record” includes an account, book, chart, contract, document, file,
23 map, paper, profile, report, or schedule.

24 [(aa)] (BB) “Renewable energy resource” means one or more of the following
25 sources of energy, energy technology, or related credit:

26 (1) solar;

27 (2) wind;

- 1 (3) tidal;
- 2 (4) geothermal;
- 3 (5) biomass, including waste-to-energy and landfill gas recovery;
- 4 (6) hydroelectric facilities;
- 5 (7) digester gas; and
- 6 (8) a manufacturing or commercial waste-to-energy system or facility.

7 [(bb)] (CC) (1) “Retail electric customer” means a purchaser of electricity
8 for end use in the State.

9 (2) “Retail electric customer” excludes:

- 10 (i) an occupant of a building in which the owner/operator or
11 lessee/operator manages the internal distribution system serving the building and
12 supplies electricity and electricity supply services solely to occupants of the building
13 for use by the occupants; and
- 14 (ii) a person who generates on-site generated electricity, to the
15 extent the on-site generated electricity is consumed by that person or its tenants.

16 [(cc)] (DD) (1) “Retail gas customer” means a purchaser of gas for end use
17 in the State.

18 (2) “Retail gas customer” excludes an occupant of a building in which
19 the owner/operator or lessee/operator manages the internal distribution system
20 serving the building and supplies gas and gas supply services solely to occupants of
21 the building for use by the occupants.

22 [(dd)] (EE) “Sewage disposal company” means a privately-owned public
23 service company that owns or maintains facilities for the disposal of sewage.

24 [(ee)] (FF) “Small rural electric cooperative” means an electric company that:

- 25 (1) serves only the consumers that exclusively own and control the
26 company;
- 27 (2) conducts its business on a not-for-profit basis; and

1 (3) supplies electricity to less than 1,000 electric meters in the State.

2 [(ff)] (GG) “State” means:

3 (1) a state, possession, territory, or commonwealth of the United
4 States; or

5 (2) the District of Columbia.

6 [(gg)] (HH) “Street railroad” means a railroad:

7 (1) that is not part of a trunk line railway system; and

8 (2) whose routes are mainly within Baltimore City or a municipal
9 corporation with a population of at least 2,000.

10 [(hh)] (II) (1) “Taxicab” means a motor vehicle for hire that:

11 (i) is designed to carry seven or fewer individuals, including the
12 driver; and

13 (ii) is used to accept or solicit passengers for transportation
14 between points along public streets as the passengers request.

15 (2) “Taxicab” does not include a motor vehicle operated on a regular
16 schedule and between fixed points with the approval of the Commission as defined in
17 Title 11 of the Transportation Article.

18 [(ii)] (JJ) “Telegraph company” means a public service company that:

19 (1) owns telegraph lines to receive, transmit, or communicate
20 telegraphic communications; or

21 (2) leases, licenses, or sells telegraphic communications.

22 [(jj)] (KK) “Telegraph lines” means the material, equipment, and property
23 owned by a telegraph company and used or to be used for or in connection with
24 telegraph service.

25 [(kk)] (LL) (1) “Telephone company” means a public service company that:

1 (i) owns telephone lines to receive, transmit, or communicate
2 telephone or teletype communications; or

3 (ii) leases, licenses, or sells telephone or teletype
4 communications.

5 (2) "Telephone company" does not include a cellular telephone
6 company.

7 [(ll)] (MM) "Telephone lines" means the material, equipment, and property
8 owned by a telephone company and used or to be used for or in connection with
9 telephone service.

10 [(mm)] (NN) "Toll bridge" means a bridge operated by a person authorized by
11 the Commission to charge and collect toll from traffic using the bridge.

12 (OO) **"TRANSFORMER" MEANS A DEVICE CONSISTING OF TWO OR MORE**
13 **COILS OF INSULATED WIRE THAT IS DESIGNED TO TRANSFER ALTERNATING**
14 **CURRENT BY ELECTROMAGNETIC INDUCTION FROM ONE COIL TO ANOTHER TO**
15 **CHANGE THE ORIGINAL VOLTAGE OR CURRENT VALUE.**

16 [(nn)] (PP) (1) "Transportation of persons for hire" means the
17 transportation of persons by:

18 (i) regularly scheduled operations;

19 (ii) charter or contract operations; or

20 (iii) tour or sightseeing operations.

21 (2) "Transportation of persons for hire" includes the transportation of
22 persons, whether on the cooperative plan, carried by a corporation, group, or
23 association engaged in the transportation of its stockholders, shareholders, or
24 members.

25 [(oo)] (QQ) "Water company" means a public service company that owns a
26 water plant and sells or distributes water for gain.

27 [(pp)] (RR) "Water plant" means the material, equipment, and property owned
28 by a water company and used or to be used for or in connection with water service.

29 **7-212.**

1 (A) ON OR BEFORE JULY 1, 2008, THE COMMISSION SHALL ADOPT
2 REGULATIONS GOVERNING THE PURCHASE OF LIQUID-IMMERSED
3 DISTRIBUTION TRANSFORMERS BY ELECTRIC COMPANIES.

4 (B) EXCEPT AS PROVIDED IN SUBSECTION (C) OF THIS SECTION, THE
5 REGULATIONS SHALL BE CONSISTENT WITH THE REGULATIONS ADOPTED BY
6 THE U.S. DEPARTMENT OF ENERGY.

7 (C) (1) ~~THE~~ SUBJECT TO PARAGRAPH (2) OF THIS SUBSECTION, THE
8 REGULATIONS SHALL ENSURE THAT, SUBJECT TO AVAILABILITY, PURCHASES OF
9 LIQUID-IMMERSED DISTRIBUTION TRANSFORMERS BY ELECTRIC COMPANIES
10 OCCURRING ON OR AFTER JANUARY 1, 2009, ARE BASED ON THE LIFE-CYCLE
11 COST METHODOLOGY CONTAINED IN SECTION 2 OF STANDARD TP-1-2002
12 PUBLISHED BY THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION.

13 (2) THE REGULATIONS ADOPTED UNDER THIS SECTION MAY NOT
14 APPLY TO AN ELECTRIC COOPERATIVE THAT SUPPLIES ELECTRICITY TO LESS
15 THAN 60,000 ELECTRIC METERS IN THE STATE.

16 ~~(D)~~ (D) FOR ELECTRIC COMPANIES THAT MAINTAIN INVENTORIES OF
17 DISTRIBUTION TRANSFORMERS IN THE STATE FOR INSTALLATION IN ADJACENT
18 SERVICE AREAS OUTSIDE OF THE STATE, THE COMMISSION MAY ALSO
19 CONSIDER ADDITIONAL INVENTORY MANAGEMENT COSTS AS COSTS FOR
20 INCLUSION WITHIN THE LIFE-CYCLE COST METHODOLOGY TO BE USED BY
21 ELECTRIC COMPANIES FOR PURPOSES OF THIS SECTION.

22 Article - State Government

23 9-2006.

24 (a) (1) In this section the following words have the meanings indicated.

25 (2) "BALLAST" MEANS A DEVICE USED WITH AN ELECTRIC
26 DISCHARGE LAMP TO OBTAIN NECESSARY CIRCUIT CONDITIONS, INCLUDING
27 VOLTAGE, CURRENT, AND WAVEFORM, FOR STARTING AND OPERATING THE
28 LAMP.

1 **(3) “BOTTLE-TYPE WATER DISPENSER” MEANS A WATER**
2 **DISPENSER THAT USES A BOTTLE OR RESERVOIR AS THE SOURCE OF POTABLE**
3 **WATER.**

4 [(2)] **(4) “Ceiling fan” means a nonportable device that is suspended**
5 **from a ceiling for the purpose of circulating air via the rotation of fan blades.**

6 [(3)] **(5) “Ceiling fan light kit” means equipment designed to provide**
7 **light from a ceiling fan, which can be:**

8 (i) **integral, such that the equipment is hardwired to the ceiling**
9 **fan; or**

10 (ii) **attachable, such that at the time of sale the equipment is**
11 **not physically attached to the ceiling fan but may be included inside the ceiling fan**
12 **package at the time of sale or sold separately for subsequent attachment to the fan.**

13 [(4)] **(6) “Commercial clothes washer” means a soft mount**
14 **front-loading or soft mount top-loading clothes washer that is designed for use in:**

15 (i) **applications where the occupants of more than one**
16 **household will be using it, including multifamily housing common areas and coin**
17 **laundries; or**

18 (ii) **other commercial applications, if the clothes container**
19 **compartment is not greater than:**

20 1. **3.5 cubic feet for horizontal-axis clothes washers; or**

21 2. **4.0 cubic feet for vertical-axis clothes washers.**

22 **(7) (I) “COMMERCIAL HOT FOOD HOLDING CABINET” MEANS A**
23 **HEATED, FULLY ENCLOSED COMPARTMENT WITH ONE OR MORE SOLID OR**
24 **GLASS DOORS THAT IS DESIGNED TO MAINTAIN THE TEMPERATURE OF HOT**
25 **FOOD THAT HAS BEEN COOKED IN A SEPARATE APPLIANCE.**

26 **(II) “COMMERCIAL HOT FOOD HOLDING CABINET” DOES**
27 **NOT INCLUDE A HEATED GLASS MERCHANDIZING CABINET, DRAWER WARMER,**
28 **OR COOK-AND-HOLD APPLIANCE.**

1 ~~[(5)]~~ **(8)** (i) “Commercial refrigeration cabinet” means a
 2 refrigerator, freezer, or refrigerator–freezer designed for use by commercial or
 3 institutional facilities for the purpose of storing food products, ice, or other perishable
 4 items at specified temperatures and that may be configured with either solid or
 5 transparent doors as a:

- 6 1. reach–in cabinet;
- 7 2. pass–through cabinet;
- 8 3. roll–in cabinet; or
- 9 4. roll–through cabinet.

10 (ii) “Commercial refrigeration cabinet” does not include:

- 11 1. a product with 85 cubic feet or more of internal
 12 volume;
- 13 2. a walk–in refrigerator or walk–in freezer;
- 14 3. a consumer product regulated under the National
 15 Appliance Energy Conservation Act of 1987 (Public Law 100–12); or
- 16 4. any refrigerator, freezer, or refrigerator–freezer
 17 designed and marketed exclusively for medical, scientific, or research purposes.

18 ~~**(9) (i) “COMPACT AUDIO PRODUCT”, ALSO KNOWN AS A MINI,**~~
 19 ~~**MID, MICRO, OR SHELF AUDIO SYSTEM, MEANS AN INTEGRATED AUDIO SYSTEM**~~
 20 ~~**ENCASED IN A SINGLE HOUSING THAT INCLUDES AN AMPLIFIER AND RADIO**~~
 21 ~~**TUNER AND ATTACHED OR SEPARABLE SPEAKERS, THAT CAN REPRODUCE**~~
 22 ~~**AUDIO FROM ONE OR MORE OF THE FOLLOWING MEDIA:**~~

- 23 ~~**1. MAGNETIC TAPE;**~~
- 24 ~~**2. COMPACT DISC (CD);**~~
- 25 ~~**3. DIGITAL VERSATILE DISC (DVD); OR**~~
- 26 ~~**4. FLASH MEMORY.**~~

1 ~~(H) “COMPACT AUDIO PRODUCT” DOES NOT INCLUDE A~~
2 ~~PRODUCT THAT:~~

3 ~~1. CAN BE INDEPENDENTLY POWERED BY INTERNAL~~
4 ~~BATTERIES;~~

5 ~~2. HAS A POWERED EXTERNAL SATELLITE ANTENNA;~~
6 ~~OR~~

7 ~~3. CAN PROVIDE A VIDEO OUTPUT SIGNAL.~~

8 ~~(10) “DIGITAL VERSATILE DISC” OR “DVD” MEANS A~~
9 ~~LASER ENCODED PLASTIC MEDIUM CAPABLE OF STORING A LARGE AMOUNT OF~~
10 ~~DIGITAL AUDIO, VIDEO, AND COMPUTER DATA.~~

11 ~~(11) (I) “DIGITAL VERSATILE DISC PLAYER” AND “DIGITAL~~
12 ~~VERSATILE DISC RECORDER” MEAN COMMERCIALY AVAILABLE ELECTRONIC~~
13 ~~PRODUCTS ENCASED IN A SINGLE HOUSING THAT INCLUDE AN INTEGRAL~~
14 ~~POWER SUPPLY AND FOR WHICH THE SOLE PURPOSE IS THE DECODING AND~~
15 ~~PRODUCTION OR RECORDING OF DIGITIZED VIDEO SIGNAL ON A DVD.~~

16 ~~(II) “DIGITAL VERSATILE DISC RECORDER” DOES NOT~~
17 ~~INCLUDE A MODEL THAT HAS AN ELECTRONIC PROGRAMMING GUIDE FUNCTION~~
18 ~~THAT PROVIDES AN INTERACTIVE, ON-SCREEN MENU OF TELEVISION LISTINGS,~~
19 ~~AND THAT DOWNLOADS PROGRAM INFORMATION FROM THE VERTICAL~~
20 ~~BLANKING INTERVAL OF A REGULAR TELEVISION SIGNAL.~~

21 ~~(12) (9) (I) “ELECTRICITY RATIO” IS THE RATIO OF FURNACE~~
22 ~~ELECTRICITY USE TO TOTAL FURNACE ENERGY USE.~~

23 (II) “ELECTRICITY RATIO” IS EQUAL TO A FRACTION:

24 1. THE NUMERATOR OF WHICH IS 3.412 TIMES THE
25 AVERAGE ANNUAL AUXILIARY ELECTRICAL CONSUMPTION AS DEFINED IN
26 APPENDIX N TO SUBPART B OF PART 430 OF TITLE 10 OF THE CODE OF
27 FEDERAL REGULATIONS; AND

28 2. THE DENOMINATOR OF WHICH IS THE SUM OF:

1 **A. 1,000 TIMES THE AVERAGE ANNUAL FUEL ENERGY**
 2 **CONSUMPTION AS DEFINED IN APPENDIX N TO SUBPART B OF PART 430 OF**
 3 **TITLE 10 OF THE CODE OF FEDERAL REGULATIONS, EXPRESSED IN MILLIONS**
 4 **OF B.T.U. PER YEAR; AND**

5 **B. THE AMOUNT CALCULATED FOR THE**
 6 **NUMERATOR.**

7 ~~(13)~~ **(10) “HIGH-INTENSITY DISCHARGE LAMP” MEANS A LAMP IN**
 8 **WHICH:**

9 **(I) LIGHT IS PRODUCED BY THE PASSAGE OF AN ELECTRIC**
 10 **CURRENT THROUGH A VAPOR OR GAS;**

11 **(II) THE LIGHT-PRODUCING ARC IS STABILIZED BY BULB**
 12 **WALL TEMPERATURE; AND**

13 **(III) THE ARC TUBE HAS A BULB WALL LOADING IN EXCESS**
 14 **OF 3 WATTS PER SQUARE CENTIMETER.**

15 **[(6)] ~~(14)~~ (11) “Illuminated exit sign” means an internally**
 16 **illuminated sign that is designed to be permanently fixed in place to identify an exit**
 17 **and the background of which is not transparent.**

18 **[(7)] ~~(15)~~ (12) “Large packaged air-conditioning equipment” means**
 19 **packaged air-conditioning equipment with at least 20 tons but not more than 80 tons**
 20 **of cooling capacity.**

21 **[(8)] ~~(16)~~ (13) (i) “Low-voltage dry-type distribution**
 22 **transformer” means a distribution transformer that:**

- 23 1. has an input voltage of 600 volts or less;
- 24 2. is air-cooled; and
- 25 3. does not use oil as a coolant.

26 **(ii) “Low-voltage dry-type distribution transformer” does not**
 27 **include any of the following transformers:**

- 1 1. an autotransformer in which the primary and
2 secondary windings are not electronically isolated and at least a portion of the
3 secondary voltage is derived from the primary winding;
- 4 2. a drive transformer designed only to provide power to
5 operate an electronic variable speed motor drive;
- 6 3. a grounding transformer designed only to provide a
7 system ground reference point;
- 8 4. a harmonic transformer designed to supply a load
9 with a higher than normal harmonic current level and that has a k-rating of k-4 or
10 greater;
- 11 5. an impedance transformer that has a specified
12 impedance of less than 4% or greater than 8%;
- 13 6. a machine tool transformer designed only to provide
14 power to machine tool equipment;
- 15 7. a rectifier transformer designed to provide power only
16 to a rectifier circuit and that has a nameplate rating for both the fundamental
17 frequency power rating and the RMS power rating;
- 18 8. a regulating transformer with automatic tap
19 changers;
- 20 9. a sealed and nonventilating transformer designed to
21 prevent airflow through the transformer;
- 22 10. a testing transformer designed only as part of, or to
23 supply power to, electrical test equipment;
- 24 11. a UPS transformer designed only as an integral part
25 of an uninterruptible power system; or
- 26 12. a welding transformer designed only to provide power
27 to welding equipment.

28 ~~(17)~~ (14) **“METAL HALIDE LAMP” MEANS A HIGH INTENSITY**
29 **DISCHARGE LAMP IN WHICH THE MAJOR PORTION OF THE LIGHT IS PRODUCED**

1 BY RADIATION OF METAL HALIDES AND THEIR PRODUCTS OF DISSOCIATION,
2 AND POSSIBLY IN COMBINATION WITH METALLIC VAPORS.

3 ~~(18)~~ (15) “METAL HALIDE LAMP FIXTURE” MEANS A LIGHT
4 FIXTURE DESIGNED TO BE OPERATED WITH A METAL HALIDE LAMP AND A
5 BALLAST FOR A METAL HALIDE LAMP.

6 [(9)] ~~(19)~~ (16) “Packaged air-conditioning equipment” means
7 air-conditioning equipment that is built as a package and shipped as a whole to
8 end-user sites.

9 [(10)] ~~(20)~~ (17) “Pass-through cabinet” means a commercial
10 refrigerator or commercial freezer with hinged or sliding doors on both the front and
11 rear of the refrigerator or freezer.

12 ~~(21)~~ (18) “PROBE-START METAL HALIDE BALLAST” MEANS A
13 BALLAST USED TO OPERATE METAL HALIDE LAMPS, THAT:

14 (I) DOES NOT CONTAIN AN IGNITER; AND

15 (II) STARTS LAMPS BY USING A THIRD STARTING
16 ELECTRODE PROBE IN THE ARC TUBE.

17 [(11)] ~~(22)~~ (19) (i) “Reach-in cabinet” means a commercial
18 refrigerator, commercial freezer, or commercial refrigerator-freezer with hinged or
19 sliding doors or lids.

20 (ii) “Reach-in cabinet” does not include a roll-in or roll-through
21 cabinet or a pass-through cabinet.

22 ~~(23)~~ (20) “RESIDENTIAL FURNACE” MEANS A SELF-CONTAINED
23 SPACE HEATER THAT:

24 (I) IS DESIGNED TO SUPPLY HEATED AIR THROUGH DUCTS
25 OF MORE THAN 10 INCHES IN LENGTH;

26 (II) USES SINGLE-PHASE ELECTRIC CURRENT OR DC
27 CURRENT IN CONJUNCTION WITH NATURAL GAS OR PROPANE; AND

28 (III) 1. IS DESIGNED TO BE THE PRINCIPAL HEATING
29 SOURCE FOR THE LIVING SPACE OF ONE OR MORE RESIDENCES;

1 **2. IS NOT CONTAINED WITHIN THE SAME CABINET**
2 **WITH A CENTRAL AIR CONDITIONER WHOSE RATED COOLING CAPACITY IS**
3 **ABOVE 65,000 B.T.U. PER HOUR; AND**

4 **3. HAS A HEAT INPUT RATE OF LESS THAN 225,000**
5 **B.T.U. PER HOUR.**

6 [(12)] ~~(24)~~ **(21)** “Retailer” means a person engaged in the business of
7 making retail sales within the State.

8 [(13)] ~~(25)~~ **(22)** “Roll-in cabinet” means a commercial refrigerator or
9 commercial freezer with hinged or sliding doors that allow wheeled racks of product to
10 be rolled into the refrigerator or freezer.

11 [(14)] ~~(26)~~ **(23)** “Roll-through cabinet” means a commercial
12 refrigerator or commercial freezer with hinged or sliding doors that allow wheeled
13 racks of product to be rolled through the refrigerator or freezer.

14 ~~(27)~~ **(24)** “SINGLE-VOLTAGE EXTERNAL AC TO DC POWER
15 SUPPLY” MEANS A DEVICE THAT:

16 **(I) IS DESIGNED TO CONVERT LINE VOLTAGE AC INPUT**
17 **INTO LOWER VOLTAGE DC OUTPUT;**

18 **(II) IS ABLE TO CONVERT TO ONLY ONE DC OUTPUT**
19 **VOLTAGE AT A TIME;**

20 **(III) IS SOLD WITH, OR INTENDED TO BE USED WITH, A**
21 **SEPARATE END-USE PRODUCT THAT CONSTITUTES THE PRIMARY POWER LOAD;**

22 **(IV) IS CONTAINED WITHIN A SEPARATE PHYSICAL**
23 **ENCLOSURE FROM THE END-USE PRODUCT;**

24 **(V) IS CONNECTED TO THE END-USE PRODUCT THROUGH A**
25 **REMOVABLE OR HARD-WIRED MALE/FEMALE ELECTRICAL CONNECTION, CABLE,**
26 **CORD, OR OTHER WIRING;**

27 **(VI) DOES NOT HAVE A BATTERY OR BATTERY PACK,**
28 **REMOVABLE OR OTHERWISE, THAT PHYSICALLY ATTACH DIRECTLY TO THE**
29 **POWER SUPPLY UNIT;**

1 (VII) DOES NOT HAVE A BATTERY CHEMISTRY OR TYPE
2 SELECTOR SWITCH AND INDICATOR LIGHT OR DOES NOT HAVE A BATTERY
3 CHEMISTRY OR TYPE SELECTOR SWITCH AND A STATE-OF-CHARGE METER; AND

4 (VIII) HAS A NAMEPLATE OUTPUT POWER NOT EXCEEDING 250
5 WATTS.

6 ~~(28)~~ (25) "STATE-REGULATED INCANDESCENT REFLECTOR
7 LAMP" MEANS A LAMP, NOT COLORED OR DESIGNED FOR ROUGH OR VIBRATION
8 SERVICE APPLICATIONS:

9 (I) WITH AN INNER REFLECTIVE COATING ON THE OUTER
10 BULB TO DIRECT THE LIGHT;

11 (II) WITH AN E26 MEDIUM SCREW BASE;

12 (III) WITH A RATED VOLTAGE OR VOLTAGE RANGE THAT LIES
13 AT LEAST PARTIALLY WITHIN 115 TO 130 VOLTS; AND

14 (IV) THAT IS:

15 1. A BLOWN PAR (BPAR);

16 2. A BULGED REFLECTOR (BR);

17 3. AN ELLIPTICAL REFLECTOR (ER) OR SIMILAR
18 BULB SHAPE WITH A DIAMETER EQUAL TO OR GREATER THAN 2.25 INCHES; OR

19 4. A REFLECTOR (R), PARABOLIC ALUMINIZED
20 REFLECTOR (PAR), OR SIMILAR BULB SHAPE WITH A DIAMETER OF 2.25 TO 2.75
21 INCHES, INCLUSIVE.

22 [(15)] ~~(29)~~ (26) "Torchiere lighting fixture" means a portable electric
23 lighting fixture with a reflector bowl giving light directed upward so as to give indirect
24 illumination.

25 [(16)] ~~(30)~~ (27) "Traffic signal" means a device consisting of a set of
26 signal lights operating in sequence and placed at intersections to regulate traffic.

1 [(17)] ~~(31)~~ **(28)** “Traffic signal module” means a standard 8-inch
2 (200mm) or 12-inch (300mm) round traffic signal indication that:

3 (i) consists of a light source, lens, full-color ball, and all parts
4 necessary for operation; and

5 (ii) communicates movement messages to drivers through red,
6 amber, and green colors.

7 [(18)] ~~(32)~~ **(29)** “Transformer” means a device consisting essentially of
8 two or more coils of insulated wire that transfers alternating current by
9 electromagnetic induction from one coil to another in order to change the original
10 voltage or current value.

11 [(19)] ~~(33)~~ **(30)** (i) “Unit heater” means a self-contained fan-type
12 heater that:

13 1. is designed to be installed within the heated space;
14 and

15 2. includes an apparatus or appliance to supply heat and
16 a fan for circulating air over a heat exchange surface, all enclosed in a common casing.

17 (ii) “Unit heater” does not include a “warm air furnace” as
18 defined under the federal Energy Policy Act of 1992.

19 ~~(34)~~ **(31)** (I) **“WALK-IN REFRIGERATOR AND FREEZER” MEANS**
20 **A REFRIGERATED SPACE THAT:**

21 1. **CAN BE WALKED INTO;**

22 2. **HAS A TOTAL CHILLED AND FROZEN STORAGE**
23 **AREA OF LESS THAN 3,000 SQUARE FEET;**

24 3. **OPERATES AT CHILLED (ABOVE 32 DEGREES**
25 **FAHRENHEIT) OR FROZEN (AT OR BELOW 32 DEGREES FAHRENHEIT)**
26 **TEMPERATURE; AND**

27 4. **IS CONNECTED TO A SELF-CONTAINED OR**
28 **REMOTE CONDENSING UNIT.**

- 1 (X) BOTTLE-TYPE WATER DISPENSERS;
- 2 (XI) COMMERCIAL HOT FOOD HOLDING CABINETS;
- 3 ~~(XII) COMPACT AUDIO PRODUCTS;~~
- 4 ~~(XIII) DIGITAL VERSATILE DISC PLAYERS AND DIGITAL~~
 5 ~~VERSATILE DISC RECORDERS;~~
- 6 ~~(XIV)~~ (XII) METAL HALIDE LAMP FIXTURES;
- 7 ~~(XV)~~ (XIII) RESIDENTIAL FURNACES;
- 8 ~~(XVI)~~ (XIV) SINGLE-VOLTAGE EXTERNAL AC TO DC POWER
 9 SUPPLIES;
- 10 ~~(XVII)~~ (XV) STATE-REGULATED INCANDESCENT REFLECTOR
 11 LAMPS; AND
- 12 ~~(XVIII)~~ (XVI) WALK-IN REFRIGERATORS AND FREEZERS;
 13 AND
- 14 ~~(XIX) ANY OTHER PRODUCTS THAT THE ADMINISTRATION~~
 15 ~~MAY DESIGNATE IN ACCORDANCE WITH SUBSECTION (H) OF THIS SECTION.~~

- 16 (2) This section does not apply to:
- 17 (i) new products manufactured in the State and sold outside
 18 the State;
- 19 (ii) new products manufactured outside the State and sold at
 20 wholesale inside the State for final retail sale and installation outside the State;
- 21 (iii) products installed in mobile manufactured homes at the
 22 time of construction; ~~or~~
- 23 (iv) products designed expressly for installation and use in
 24 recreational vehicles; OR

1 **(V) RESIDENTIAL FURNACES THAT USE NATURAL GAS OR**
2 **PROPANE AND THAT ARE INSTALLED AS A REPLACEMENT FOR A PREVIOUSLY**
3 **INSTALLED FURNACE.**

4 (c) (1) On or before January 1, 2004, the Administration shall adopt
5 regulations establishing minimum efficiency standards for the types of new products
6 set forth in subsection (b)(1)(I) **THROUGH (IX)** of this section.

7 (2) The regulations shall provide for the following minimum efficiency
8 standards:

9 (i) torchiere fixtures may not consume more than 190 watts
10 and may not be capable of operating with lamps that total more than 190 watts;

11 (ii) unit heaters shall be equipped with an intermittent ignition
12 device and shall have either power venting or an automatic flue damper;

13 (iii) the efficiency of all low-voltage dry-type distribution
14 transformers may not be less than the values shown in Table 4-2 of National
15 Electrical Manufacturers Association Standard TP-1-2002;

16 (iv) ceiling fan light kits:

17 1. shall meet the Tier 1 lighting criteria of version 1.1 of
18 the product specification contained in the “Energy Star Program Requirements for
19 Residential Ceiling Fans”, developed by the U.S. Environmental Protection Agency
20 that took effect on January 1, 2002; and

21 2. may contain light sources that are not compact
22 fluorescent lamps but that have lumen-per-watt performance at least equivalent to
23 comparably configured compact fluorescent lamps meeting “Energy Star Program
24 Requirements for CFLS: Energy Efficiency Criteria – Version 3.0”;

25 (v) red and green traffic signal modules shall:

26 1. meet the requirements of the “Energy Star Program
27 Requirements for Traffic Signals” developed by the U.S. Environmental Protection
28 Agency that took effect in February 2001; and

29 2. be installed with compatible, electrically-connected
30 signal control interface devices and conflict monitoring systems;

1 (vi) illuminated exit signs shall meet the requirements of the
 2 “Energy Star Program Requirements for Exit Signs – Version 2.0” developed by the
 3 U.S. Environmental Protection Agency that took effect on January 1, 1999;

4 (vii) commercial refrigeration cabinets shall meet the
 5 requirements shown in the following Table in which “V” means total volume in cubic
 6 feet and “AV” means adjusted volume which is the sum of the volume of refrigerated
 7 space and 1.63 times the volume of freezer space:

Equipment Type	Maximum Daily Energy Consumption (kilowatt hours)
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are refrigerators with solid doors	0.125V + 2.76
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are refrigerators with transparent doors	0.172V + 4.77
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are freezers with solid doors	0.398V + 2.28
Reach-in cabinets, pass-through cabinets, and roll-in or roll-through cabinets that are freezers with transparent doors	0.940V + 5.10

1 Reach-in cabinets that are 0.273AV + 1.65
2 refrigerator-freezers with solid doors

3 (viii) large packaged air-conditioning equipment shall meet the
4 Tier II requirements of the “Minimum Equipment Efficiencies for Unitary Commercial
5 Air Conditioners” or “Minimum Equipment Efficiencies for Heat Pumps”, as
6 appropriate, developed by the Consortium for Energy Efficiency, Boston,
7 Massachusetts, as in effect on January 1, 2002; and

8 (ix) commercial clothes washers shall have a minimum modified
9 energy factor of 1.26 and a maximum water consumption factor of 9.5, as measured in
10 accordance with the federal test method for clothes washers as defined in 10 C.F.R.
11 Section 430.23(j) (Appendix J1 to Subpart B of Part 430) (2001).

12 **(D) (1) ON OR BEFORE JANUARY 1, 2008, THE ADMINISTRATION**
13 **SHALL ADOPT REGULATIONS ESTABLISHING MINIMUM EFFICIENCY STANDARDS**
14 **FOR THE TYPES OF NEW PRODUCTS SET FORTH IN SUBSECTION (B)(1)(X)**
15 **THROUGH ~~(XV)~~ (XVI) OF THIS SECTION.**

16 **(2) THE REGULATIONS SHALL PROVIDE FOR THE FOLLOWING**
17 **MINIMUM EFFICIENCY STANDARDS:**

18 **(I) EXCEPT AS PROVIDED IN SUBSUBPARAGRAPH 2 OF THIS**
19 **SUBPARAGRAPH:**

20 **1. BOTTLE-TYPE WATER DISPENSERS DESIGNED**
21 **FOR DISPENSING BOTH HOT AND COLD WATER MAY NOT HAVE STANDBY ENERGY**
22 **CONSUMPTION GREATER THAN 1.2 KILOWATT-HOURS PER DAY, AS MEASURED**
23 **IN ACCORDANCE WITH THE TEST CRITERIA CONTAINED IN VERSION 1.1 OF THE**
24 **U.S. ENVIRONMENTAL PROTECTION AGENCY’S “ENERGY STAR PROGRAM**
25 **REQUIREMENTS FOR BOTTLED WATER COOLERS”;** AND

26 **2. BOTTLE-TYPE WATER DISPENSER UNITS WITH AN**
27 **INTEGRAL, AUTOMATIC TIMER MAY NOT BE TESTED USING SECTION D, “TIMER**
28 **USAGE” OF THE TEST CRITERIA;**

29 **(II) COMMERCIAL HOT FOOD HOLDING CABINETS SHALL**
30 **HAVE A MAXIMUM IDLE ENERGY RATE NOT EXCEEDING 40 WATTS PER CUBIC**

1 FOOT OF INTERIOR VOLUME, AS DETERMINED BY THE “IDLE ENERGY RATE–DRY
 2 TEST” IN ASTM F2140–01, “STANDARD TEST METHOD FOR PERFORMANCE OF
 3 HOT FOOD HOLDING CABINETS” PUBLISHED BY ASTM INTERNATIONAL, AND
 4 INTERIOR VOLUME SHALL BE MEASURED IN ACCORDANCE WITH THE METHOD
 5 SHOWN IN THE U.S. ENVIRONMENTAL PROTECTION AGENCY’S “ENERGY STAR
 6 PROGRAM REQUIREMENTS FOR COMMERCIAL HOT FOOD HOLDING CABINETS”
 7 EFFECTIVE AUGUST 15, 2003;

8 ~~(III)~~ ~~COMPACT AUDIO PRODUCTS:~~

9 ~~1. WITHOUT A PERMANENTLY ILLUMINATED CLOCK~~
 10 ~~DISPLAY MAY NOT USE MORE THAN 2 WATTS IN STANDBY PASSIVE MODE;~~

11 ~~2. WITH A PERMANENTLY ILLUMINATED CLOCK~~
 12 ~~DISPLAY MAY NOT USE MORE THAN 4 WATTS IN STANDBY PASSIVE MODE; AND~~

13 ~~3. SHALL BE MEASURED IN ACCORDANCE WITH~~
 14 ~~INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) TEST METHOD~~
 15 ~~62087:2002(E), “METHODS OF MEASUREMENT FOR THE POWER CONSUMPTION~~
 16 ~~OF AUDIO, VIDEO, AND RELATED EQUIPMENT”;~~

17 ~~(IV) DIGITAL VERSATILE DISC PLAYERS AND DIGITAL~~
 18 ~~VERSATILE DISC RECORDERS MAY NOT USE MORE THAN 3 WATTS IN~~
 19 ~~STANDBY PASSIVE MODE, AS MEASURED IN ACCORDANCE WITH~~
 20 ~~INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) TEST METHOD~~
 21 ~~62087:2002(E), “METHODS OF MEASUREMENT FOR THE POWER CONSUMPTION~~
 22 ~~OF AUDIO, VIDEO, AND RELATED EQUIPMENT”;~~

23 ~~(V)~~ (III) METAL HALIDE LAMP FIXTURES DESIGNED TO BE
 24 OPERATED WITH LAMPS RATED AT LEAST 150 WATTS BUT NOT EXCEEDING 500
 25 WATTS MAY NOT CONTAIN A PROBE–START METAL HALIDE BALLAST;

26 ~~(VI)~~ (IV) RESIDENTIAL FURNACES THAT USE NATURAL GAS
 27 OR PROPANE AND THAT ARE INSTALLED AS THE ORIGINAL FURNACE IN NEWLY
 28 CONSTRUCTED RESIDENTIAL BUILDINGS SHALL:

29 1. HAVE A MINIMUM ANNUAL FUEL UTILIZATION
 30 EFFICIENCY (AFUE) OF 90% AND A MAXIMUM ELECTRICITY RATIO OF 2%; AND

1 **2. BE MEASURED IN ACCORDANCE WITH THE**
 2 **FEDERAL TEST METHOD FOR MEASURING THE ENERGY CONSUMPTION OF**
 3 **FURNACES AND BOILERS CONTAINED IN 10 C.F.R. PART 430 (APPENDIX N TO**
 4 **SUBPART B);**

5 ~~(VII)~~ **(V) THE STANDARD FOR SINGLE-VOLTAGE EXTERNAL**
 6 **AC TO DC POWER SUPPLIES:**

7 **1. SHALL APPLY TO SINGLE VOLTAGE AC TO DC**
 8 **POWER SUPPLIES THAT ARE SOLD INDIVIDUALLY AND TO THOSE THAT ARE**
 9 **SOLD AS A COMPONENT OF OR IN CONJUNCTION WITH ANOTHER PRODUCT;**

10 **2. DOES NOT APPLY TO SINGLE VOLTAGE EXTERNAL**
 11 **AC TO DC POWER SUPPLIES THAT REQUIRE U.S. FOOD AND DRUG**
 12 **ADMINISTRATION LISTING AND APPROVAL AS A MEDICAL DEVICE;**

13 **3. SHALL MEET THE ENERGY EFFICIENCY**
 14 **REQUIREMENTS IN THE FOLLOWING TABLE:**

15	NAMEPLATE OUTPUT POWER	MINIMUM EFFICIENCY IN ACTIVE
16		MODE
17	FROM 0 TO LESS THAN 1 WATT	0.49 TIMES THE NAMEPLATE
18		OUTPUT
19	FROM 1 WATT TO NOT MORE THAN	THE SUM 0.09 TIMES THE
20	49 WATTS	NATURAL LOGARITHM OF THE
21		NAMEPLATE OUTPUT POWER
22		(EXPRESSED IN WATTS) AND 0.49
23	GREATER THAN 49 WATTS	0.84
24	NAMEPLATE OUTPUT POWER	MAXIMUM ENERGY
25		CONSUMPTION IN NO-LOAD
26		MODE
27	FROM 0 TO LESS THAN 10 WATTS	0.5 WATTS

1 FROM 10 WATTS TO NOT MORE 0.75 WATTS
2 THAN 250 WATTS

3 4. SHALL BE MEASURED IN ACCORDANCE WITH THE
4 TEST METHODOLOGY SPECIFIED BY THE U.S. ENVIRONMENTAL PROTECTION
5 AGENCY'S ENERGY STAR PROGRAM, "TEST METHOD FOR CALCULATING THE
6 ENERGY EFFICIENCY OF SINGLE-VOLTAGE EXTERNAL AC-DC AND AC-AC
7 POWER SUPPLIES (AUGUST 11, 2004)", EXCEPT THAT TESTS SHALL BE
8 CONDUCTED AT 115 VOLTS ONLY;

9 ~~(VIII)~~ (VI) THE STANDARD FOR STATE-REGULATED
10 INCANDESCENT REFLECTOR LAMPS:

11 1. SHALL MEET THE MINIMUM AVERAGE LAMP
12 EFFICACY REQUIREMENTS FOR FEDERALLY REGULATED INCANDESCENT
13 REFLECTOR LAMPS CONTAINED IN 42 U.S.C. § 6295 (I)(1)(A); AND

14 2. DOES NOT APPLY TO THE FOLLOWING TYPES OF
15 INCANDESCENT REFLECTOR LAMPS:

16 A. LAMPS RATED AT 50 WATTS OR LESS OF THE
17 FOLLOWING TYPES: BR30, ER30, BR40, AND ER40;

18 B. LAMPS RATED AT 65 WATTS OF THE FOLLOWING
19 TYPES: BR30, BR40, AND ER40; AND

20 C. R20 LAMPS OF 45 WATTS OR LESS; AND

21 ~~(IX)~~ (VII) WALK-IN REFRIGERATORS AND FREEZERS:

22 1. SHALL HAVE AUTOMATIC DOOR CLOSERS THAT
23 FIRMLY CLOSE ALL REACH-IN DOORS AND THAT FIRMLY CLOSE WALK-IN DOORS
24 NO WIDER THAN 3 FEET 9 INCHES AND NO HIGHER THAN 6 FEET 11 INCHES
25 THAT HAVE BEEN CLOSED TO WITHIN 1 INCH OF FULL CLOSURE;

26 2. SHALL HAVE WALL, CEILING, AND DOOR
27 INSULATION OF AT LEAST R-28 FOR REFRIGERATORS (DOOR INSULATION
28 REQUIREMENTS DO NOT APPLY TO GLAZED PORTIONS OF DOORS, NOR TO
29 STRUCTURAL MEMBERS);

1 **3. SHALL HAVE WALL, CEILING, AND DOOR**
2 **INSULATION OF AT LEAST R-32 FOR FREEZERS (DOOR INSULATION**
3 **REQUIREMENTS DO NOT APPLY TO GLAZED PORTIONS OF DOORS, OR TO**
4 **STRUCTURAL MEMBERS);**

5 **4. SHALL HAVE FLOOR INSULATION OF AT LEAST**
6 **R-28 FOR FREEZERS;**

7 **5. SHALL HAVE, FOR SINGLE-PHASE EVAPORATOR**
8 **FAN MOTORS OF UNDER ONE HORSEPOWER AND LESS THAN 460 VOLTS,**
9 **ELECTRONICALLY COMMUTATED MOTORS;**

10 **6. SHALL HAVE, FOR CONDENSER FAN MOTORS OF**
11 **UNDER ONE HORSEPOWER EITHER ELECTRONICALLY COMMUTATED MOTORS,**
12 **PERMANENT SPLIT CAPACITOR-TYPE MOTORS, OR POLYPHASE MOTORS OF AT**
13 **LEAST ONE-HALF HORSEPOWER;**

14 **7. SHALL HAVE LIGHT SOURCES WITH AN EFFICACY**
15 **OF AT LEAST 40 LUMENS PER WATT, INCLUDING ANY BALLAST LOSSES, EXCEPT**
16 **THAT LIGHT SOURCES WITH AN EFFICACY OF 40 LUMENS PER WATT OR LESS,**
17 **INCLUDING ANY BALLAST LOSSES, MAY BE USED IN CONJUNCTION WITH A**
18 **TIMER OR DEVICE THAT TURNS OFF THE LIGHTS WITHIN 15 MINUTES AFTER**
19 **THE WALK-IN CEASES TO BE OCCUPIED; AND**

20 **8. WITH TRANSPARENT REACH-IN DOORS AND**
21 **WALK-IN DOOR WINDOWS SHALL MEET THE FOLLOWING ADDITIONAL**
22 **REQUIREMENTS:**

23 **A. TRANSPARENT REACH-IN DOORS AND WINDOWS**
24 **IN WALK-IN DOORS FOR WALK-IN FREEZERS SHALL BE OF TRIPLE-PANE GLASS**
25 **WITH EITHER HEAT-REFLECTIVE TREATED GLASS OR GAS FILL;**

26 **B. TRANSPARENT REACH-IN DOORS AND WINDOWS**
27 **IN WALK-IN DOORS FOR WALK-IN REFRIGERATORS SHALL BE EITHER**
28 **DOUBLE-PANE GLASS WITH HEAT-REFLECTIVE TREATED GLASS AND GAS FILL,**
29 **OR TRIPLE PANE GLASS WITH EITHER HEAT-REFLECTIVE TREATED GLASS OR**
30 **GAS FILL;**

1 **C. FOR APPLIANCES WITH AN ANTI-SWEAT HEATER**
2 **WITHOUT ANTI-SWEAT HEAT CONTROLS, THE APPLIANCE SHALL HAVE A TOTAL**
3 **DOOR RAIL, GLASS, AND FRAME HEATER POWER DRAW NOT EXCEEDING 7.1**
4 **WATTS PER SQUARE FOOT OF DOOR OPENING (FREEZERS) AND NOT EXCEEDING**
5 **3.0 WATTS PER SQUARE FOOT OF DOOR OPENING (REFRIGERATORS); AND**

6 **D. FOR APPLIANCES WITH AN ANTI-SWEAT HEATER**
7 **WITH ANTI-SWEAT HEAT CONTROLS, AND A TOTAL DOOR RAIL, GLASS, AND**
8 **FRAME HEATER POWER DRAW EXCEEDING 7.1 WATTS PER SQUARE FOOT OF**
9 **DOOR OPENING (FREEZERS) AND 3.0 WATTS PER SQUARE FOOT OF DOOR**
10 **OPENING (REFRIGERATORS), THE ANTI-SWEAT HEAT CONTROLS SHALL REDUCE**
11 **THE ENERGY USE OF THE ANTI-SWEAT HEATER IN AN AMOUNT CORRESPONDING**
12 **TO THE RELATIVE HUMIDITY IN THE AIR OUTSIDE THE DOOR OR TO THE**
13 **CONDENSATION ON THE INNER GLASS PANE.**

14 [(d)] **(E)** (1) (i) Except as provided in subparagraphs (ii) and (iii) of
15 this paragraph, on or after March 1, 2005, a new product of any type set forth in
16 subsection (b)(1)**(I) THROUGH (IX)** of this section may not be sold or offered for sale in
17 the State unless the efficiency of the new product meets or exceeds the efficiency
18 standards set forth in the regulations adopted under subsection (c) of this section.

19 (ii) With respect to ceiling fan light kits, energy efficiency
20 standards may not take effect until March 1, 2007.

21 (iii) With respect to commercial clothes washers, efficiency
22 standards may not take effect until March 1, 2007.

23 (2) (i) This paragraph does not apply to a product that is sold
24 before the applicable date under paragraph (1) of this subsection.

25 (ii) Except as provided in subparagraphs (iii) and (iv) of this
26 paragraph, on or after January 1, 2006, a new product of a type set forth in subsection
27 (b)(1)**(I) THROUGH (IX)** of this section may not be installed in the State unless the
28 efficiency of the new product meets or exceeds the efficiency standards set forth in the
29 regulations adopted under subsection (c) of this section.

30 (iii) Ceiling fan light kits that do not meet the energy efficiency
31 standards may be installed in the State until January 1, 2008.

1 (iv) Commercial clothes washers that do not meet the efficiency
2 standards under subsection (c)(2)(ix) of this section may be installed in the State until
3 January 1, 2008.

4 (F) (1) ON OR AFTER JANUARY 1, ~~2009~~ ~~2012~~ 2009, NO NEW
5 BOTTLE-TYPE WATER DISPENSER, COMMERCIAL HOT FOOD HOLDING CABINET,
6 METAL HALIDE LAMP FIXTURE, STATE-REGULATED INCANDESCENT REFLECTOR
7 LAMP, OR WALK-IN REFRIGERATOR OR WALK-IN FREEZER MAY BE SOLD OR
8 OFFERED FOR SALE IN THE STATE UNLESS THE EFFICIENCY OF THE NEW
9 PRODUCT MEETS OR EXCEEDS THE EFFICIENCY STANDARDS SET FORTH IN THE
10 REGULATIONS ADOPTED UNDER SUBSECTION (D) OF THIS SECTION.

11 (2) ON OR AFTER MARCH 1, ~~2009~~ 2012, NO NEW ~~COMPACT AUDIO~~
12 ~~PRODUCT, DIGITAL VERSATILE DISC PLAYER OR DIGITAL VERSATILE DISC~~
13 ~~RECORDER, OR~~ SINGLE-VOLTAGE EXTERNAL AC TO DC POWER SUPPLY MAY BE
14 SOLD OR OFFERED FOR SALE IN THE STATE UNLESS THE EFFICIENCY OF THE
15 NEW PRODUCT MEETS OR EXCEEDS THE EFFICIENCY STANDARDS SET FORTH IN
16 THE REGULATIONS ADOPTED UNDER SUBSECTION (D) OF THIS SECTION.

17 (3) (I) THE ADMINISTRATION MAY ADOPT REGULATIONS TO
18 EXEMPT COMPLIANCE WITH THE RESIDENTIAL FURNACE AFUE STANDARDS
19 UNDER SUBSECTION (D)(2)~~(IV)~~ (IV) OF THIS SECTION AT ANY BUILDING, SITE,
20 OR LOCATION WHERE COMPLYING WITH THE STANDARDS WOULD CONFLICT
21 WITH ANY LOCAL ZONING ORDINANCE, BUILDING OR PLUMBING CODE, OR
22 OTHER RULE REGARDING INSTALLATION AND VENTING OF RESIDENTIAL
23 FURNACES OR RESIDENTIAL BOILERS.

24 (II) ON OR BEFORE JANUARY 1, 2008, THE
25 ADMINISTRATION, IN CONSULTATION WITH THE ATTORNEY GENERAL, SHALL
26 DETERMINE IF FEDERAL LAW PREEMPTS STATE IMPLEMENTATION OF THE
27 RESIDENTIAL FURNACE STANDARDS.

28 (III) THE ADMINISTRATION SHALL MAKE SEPARATE
29 DETERMINATIONS WITH RESPECT TO MINIMUM AFUE AND MAXIMUM
30 ELECTRICITY RATIO STANDARDS.

31 (IV) IF THE ADMINISTRATION DETERMINES THAT A WAIVER
32 FROM FEDERAL PREEMPTION IS NOT NEEDED, THEN ON THE LATER OF
33 JANUARY 1, 2009, OR 1 YEAR AFTER THE DATE OF THAT DETERMINATION, A
34 NEW RESIDENTIAL FURNACE MAY NOT BE SOLD OR OFFERED FOR SALE IN THE

1 **STATE UNLESS THE EFFICIENCY OF THE NEW PRODUCT MEETS OR EXCEEDS**
2 **THE APPLICABLE NONPREEMPTED EFFICIENCY STANDARDS SET FORTH IN THE**
3 **REGULATIONS ADOPTED UNDER SUBSECTION (D) OF THIS SECTION.**

4 **(V) IF THE ADMINISTRATION DETERMINES THAT A WAIVER**
5 **FROM FEDERAL PREEMPTION IS REQUIRED, THEN THE ADMINISTRATION SHALL**
6 **APPLY FOR THE WAIVER WITHIN 1 YEAR AFTER THAT DETERMINATION. ON**
7 **APPROVAL OF THE WAIVER APPLICATION, THE APPLICABLE STATE STANDARDS**
8 **SHALL TAKE EFFECT AT THE EARLIEST DATE ALLOWED BY FEDERAL LAW.**

9 **(4) SINGLE-VOLTAGE EXTERNAL AC TO DC POWER SUPPLIES**
10 **MADE AVAILABLE BY A MANUFACTURER DIRECTLY TO A CONSUMER OR TO A**
11 **SERVICE OR REPAIR FACILITY AFTER AND SEPARATE FROM THE ORIGINAL SALE**
12 **OF THE PRODUCT REQUIRING THE POWER SUPPLY AS A SERVICE PART OR**
13 **SPARE PART MAY NOT BE REQUIRED TO MEET THE STANDARDS OF THIS**
14 **SECTION BEFORE JANUARY 1, 2013.**

15 **(5) THE ADMINISTRATION MAY DELAY IMPLEMENTATION OF**
16 **SUBSECTION (D)(2)(IX)5 OF THIS SECTION ON A DETERMINATION THAT THE**
17 **MOTORS ARE ONLY AVAILABLE FROM ONE MANUFACTURER OR IN INSUFFICIENT**
18 **QUANTITIES TO SERVE THE NEEDS OF THE WALK-IN INDUSTRY FOR**
19 **EVAPORATOR-FAN APPLICATIONS.**

20 **(6) ONE YEAR AFTER THE SALE OR OFFERING FOR SALE OF A**
21 **PRODUCT BECOMES SUBJECT TO THE REQUIREMENTS OF PARAGRAPHS (1), (2),**
22 **AND (3) OF THIS SUBSECTION, THE PRODUCT MAY NOT BE INSTALLED FOR**
23 **COMPENSATION IN THE STATE UNLESS THE EFFICIENCY OF THE NEW PRODUCT**
24 **MEETS OR EXCEEDS THE EFFICIENCY STANDARDS SET FORTH IN THE**
25 **REGULATIONS ADOPTED UNDER SUBSECTION (D) OF THIS SECTION.**

26 **[(e)] (G) (1) By regulation, the Administration may clarify but not**
27 **expand the scope of the devices defined under [subsection (a)] SUBSECTIONS (A) AND**
28 **(B) of this section.**

29 **(2) On request of a Maryland business or consumer and after public**
30 **notice and comment, the Administration may delay the effective date of any standard**
31 **under this section by not more than 1 year if the Administration determines that**
32 **products conforming to the standard will not be widely available in Maryland by the**
33 **applicable date stated in [subsection (d)(1)] SUBSECTIONS (E)(1) AND (F)(1), (2),**
34 **AND (3) of this section.**

1 (3) The Administration may limit a delay under paragraph (2) of this
2 subsection to identifiable subcategories of any category of covered products.

3 **(H) (1) THE ADMINISTRATION MAY ADOPT REGULATIONS TO**
4 **INCREASE THE EFFICIENCY STANDARDS FOR THE PRODUCTS LISTED IN**
5 **SUBSECTION (B)(1)(X) THROUGH ~~(XVIII)~~ (XVI) OF THIS SECTION.**

6 **(2) ~~THE ADMINISTRATION MAY ALSO ADOPT REGULATIONS TO~~**
7 **~~ESTABLISH STANDARDS FOR PRODUCTS NOT SPECIFICALLY LISTED IN~~**
8 **~~SUBSECTION (B)(1)(I) THROUGH (XVIII) OF THIS SECTION~~ EVERY 2 YEARS, THE**
9 **ADMINISTRATION SHALL CONSIDER AND PROPOSE TO THE GENERAL**
10 **ASSEMBLY:**

11 **(I) NEW STANDARDS FOR PRODUCTS NOT SPECIFICALLY**
12 **LISTED IN SUBSECTION (B)(1) OF THIS SECTION; AND**

13 **(II) REVISED, MORE STRINGENT STANDARDS FOR**
14 **PRODUCTS LISTED IN SUBSECTION (B)(1) OF THIS SECTION.**

15 **(3) IN CONSIDERING ~~THE~~ NEW OR AMENDED STANDARDS, THE**
16 **ADMINISTRATION SHALL ~~ADOPT THE~~ PROPOSE NEW OR AMENDED EFFICIENCY**
17 **STANDARDS IF IT DETERMINES THAT ANY NEW OR INCREASED EFFICIENCY**
18 **STANDARDS WOULD:**

19 **(I) SERVE TO PROMOTE ENERGY CONSERVATION IN THE**
20 **STATE; ~~AND WOULD~~**

21 **(II) BE LIFE-CYCLE COST EFFECTIVE FOR CONSUMERS WHO**
22 **PURCHASE AND USE THE NEW PRODUCTS; AND**

23 **(III) BE TECHNOLOGICALLY FEASIBLE AND ECONOMICALLY**
24 **JUSTIFIED.**

25 **(4) A NEW OR INCREASED EFFICIENCY STANDARD MAY NOT**
26 **BECOME EFFECTIVE LESS THAN 1 YEAR AFTER THE ADOPTION OF THAT**
27 **STANDARD.**

28 **(5) ~~THE~~ SUBJECT TO PARAGRAPHS (6) AND (7) OF THIS**
29 **SUBSECTION, THE ADMINISTRATION MAY APPLY FOR A WAIVER OF FEDERAL**

1 PREEMPTION IN ACCORDANCE WITH FEDERAL PROCEDURES
2 (42 U.S.C. § 6297 (D)) FOR STATE EFFICIENCY STANDARDS FOR ANY PRODUCT
3 REGULATED BY THE FEDERAL GOVERNMENT.

4 (6) THE ADMINISTRATION MAY APPLY FOR A WAIVER UNDER
5 PARAGRAPH (5) OF THIS SUBSECTION, IF:

6 (I) AT LEAST 90 DAYS BEFORE THE DAY ON WHICH THE
7 APPLICATION FOR THE WAIVER IS SUBMITTED TO THE FEDERAL GOVERNMENT,
8 THE ADMINISTRATION ANNOUNCES ITS INTENTION TO SUBMIT THE
9 APPLICATION BY PUBLICATION IN THE MARYLAND REGISTER AND WRITING TO
10 THE PRESIDING OFFICERS OF THE GENERAL ASSEMBLY; AND

11 (II) AT LEAST 60 DAYS BEFORE THE DAY ON WHICH THE
12 APPLICATION FOR THE WAIVER IS SUBMITTED TO THE FEDERAL GOVERNMENT,
13 THE ADMINISTRATION, AFTER REASONABLE NOTICE OTHER THAN PUBLICATION
14 IN THE MARYLAND REGISTER, SHALL HOLD A PUBLIC HEARING ON THE
15 PROPOSED APPLICATION TO RECEIVE PUBLIC COMMENT.

16 (7) THE PRESIDENT OF THE SENATE AND THE SPEAKER OF THE
17 HOUSE OF DELEGATES MAY DIRECT THAT THE APPROPRIATE STANDING
18 COMMITTEES OF THE GENERAL ASSEMBLY HOLD HEARINGS ON THE PROPOSED
19 APPLICATION FOR THE WAIVER AND PROVIDE COMMENTS TO THE
20 ADMINISTRATION.

21 [(f)] (I) (1) After public notice and comment, the Administration shall
22 adopt procedures by rule for testing the energy efficiency of the new products listed in
23 subsection (b)(1) of this section if testing procedures are not provided for in the
24 Maryland Building Performance Standards.

25 (2) THE ADMINISTRATION MAY ADOPT UPDATED TEST METHODS
26 BY REGULATION WHEN NEW VERSIONS OF TEST METHODS BECOME AVAILABLE
27 OR WHEN AN ALTERNATIVE TEST METHOD HAS BEEN ADOPTED BY ANOTHER
28 STATE OR THE FEDERAL GOVERNMENT.

29 [(2)] (3) The Administration shall use appropriate nationally
30 recognized test methods such as those approved by the United States Department of
31 Energy.

1 ~~[(3)]~~ (4) The manufacturers of new products listed in subsection
2 (b)(1) of this section shall cause samples of their products to be tested in accordance
3 with the test procedures adopted under this subsection or those specified in the
4 Maryland Building Performance Standards.

5 ~~[(g)]~~ (J) (1) ~~[Manufacturers]~~ **EXCEPT FOR THOSE PRODUCTS LISTED**
6 **IN SUBSECTION (B)(1)(XVI) AND (XVIII) OF THIS SECTION, MANUFACTURERS** of
7 new products listed in subsection (b)(1) of this section shall certify to the
8 Administration that the products are in compliance with the provisions of this section.

9 (2) (i) The Administration shall adopt regulations governing the
10 certification of new products and may coordinate with the certification programs of
11 other states with similar standards.

12 (ii) Any manufacturer that has certified a product to another
13 state or to the Federal Energy Star Program may provide the Administration with a
14 copy of the certification that the manufacturer made to the other state or agency in
15 place of a separate certification to the State of Maryland, provided that:

16 1. the other state's standards or the Energy Star
17 specifications are equivalent to or more stringent than the standards of the State of
18 Maryland; and

19 2. all information required by the regulations adopted
20 under subparagraph (i) of this paragraph is included in the certification.

21 ~~[(h)]~~ (K) (1) Manufacturers of new products listed in subsection (b)(1) of
22 this section shall identify each product offered through retailers for sale or installation
23 in the State as in compliance with the minimum efficiency standards established
24 under subsection (c) of this section by means of a mark, label, or tag on the product or
25 packaging at the time of sale or installation.

26 (2) (i) The Administration shall adopt regulations governing the
27 identification of such products or packaging which shall be coordinated to the greatest
28 practical extent with the labeling programs and requirements of other states and
29 federal agencies with equivalent efficiency standards.

30 (ii) If a national efficiency standard is established by federal law
31 or regulation for a product listed in subsection (b) of this section, the labeling
32 requirements set forth in COMAR 14.26.03.10 do not apply to that product.

1 (iii) In accordance with COMAR 14.26.03.10, all display models
2 of products shall be displayed with a mark, label, or tag on the product.

3 [(i)] (L) (1) The Administration may test products listed in subsection
4 (b)(1) of this section using an accredited testing facility.

5 (2) If products tested are found not to be in compliance with the
6 minimum efficiency standards established under [subsection (c)] **SUBSECTIONS (C)**
7 **AND (D)** of this section, the Administration shall:

8 (i) charge the manufacturer of the product for the cost of
9 product purchase and testing; and

10 (ii) make information available to the public on products found
11 not to be in compliance with the standards.

12 [(j)] (M) (1) With prior notice and at reasonable and convenient hours,
13 the Administration may make periodic inspections of distributors or retailers of new
14 products listed in subsection (b)(1) of this section in order to determine compliance
15 with the provisions of this section.

16 (2) The Administration shall coordinate with the Department of
17 Housing and Community Development regarding inspections, prior to occupancy, of
18 newly constructed buildings containing new products that are also covered by the
19 Maryland Building Performance Standards.

20 [(k)] (N) (1) The Administration may investigate complaints received
21 concerning violations of this section and shall report the results of an investigation to
22 the Attorney General.

23 (2) The Attorney General may institute proceedings to enforce the
24 provisions of this section.

25 (3) A manufacturer, distributor, or retailer of new products listed in
26 subsection (b)(1) of this section that violates any provision of this section shall be
27 issued a warning by the Administration for a first violation.

28 (4) Repeat violators shall be subject to a civil penalty of not more than
29 \$250.

30 (5) Each violation of this section shall constitute a separate offense
31 and each day that a violation continues shall constitute a separate offense.

1 (6) Penalties assessed under this subsection are in addition to costs
2 assessed under subsection [(i)(2)(i)] **(L)(2)(I)** of this section.

3 (7) Penalties assessed under this subsection shall be paid into the
4 General Fund of the State.

5 SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect
6 July 1, 2007.

Approved:

Governor.

President of the Senate.

Speaker of the House of Delegates.