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H.411

SHORT FORM

Introduced by Representatives Gardner of Richmond, McCormack of Burlington, Brumsted of Shelburne, Buckholz of Hartford, Christie of Hartford, Dunn of Essex, Gannon of Wilmington, Hill of Wolcott, Keefe of Manchester, O’Sullivan of Burlington, Squirrell of Underhill, Sullivan of Burlington, Townsend of South Burlington, Weed of Enosburgh, and Wood of Waterbury

Referred to Committee on

Date:

Subject: Energy; commerce and trade; energy efficiency standards for appliances and equipment

Statement of purpose of bill as introduced: This bill proposes two sets of amendments to Vermont’s energy efficiency standards for appliances and equipment.

First, it would adopt, in Vermont statute, current federal appliance and lighting efficiency standards so that the same standards will be in place in Vermont should the federal standards be repealed or voided.

Second, it would adopt, in Vermont statute, federal standards for general service lighting scheduled to come into effect on January 1, 2020, so that the same standards will be in place in Vermont should the federal standards be

1 prevented from taking effect.

An act relating to ~~Vermont's energy efficiency standards for appliances and equipment~~ *miscellaneous energy issues*

2 It is hereby enacted by the General Assembly of the State of Vermont:

3 ~~(TEXT OMITTED IN SHORT FORM BILL)~~

Sec. 1. PURPOSE

The purpose of this act is to adopt federal appliance and lighting efficiency standards in effect on January 19, 2017 so that the same standards will be in place in Vermont should the federal standards be repealed or voided. The act also adopts federal standards for general service lighting that have been adopted by the U.S. Department of Energy and are scheduled to come into effect on January 20, 2020, again so that the same standards will be in place in Vermont. The act does not adopt standards for other products or standards for a product that are different from the federal standards.

Sec. 2. 9 V.S.A. § 2793 is amended to read:

§ 2793. DEFINITIONS

As used in this chapter:

** * **

(15) "General service lamp" has the same meaning as set forth in the action published at 62 Fed. Reg. 7276, 7321-22 (January 19, 2017) and

~~modified by the action published at 82 Fed. Reg. 7322-7333 (January 19, 2017).~~

~~Sec. 3. 9 V.S.A. § 2794 is amended to read:~~

~~§ 2794. SCOPE~~

~~(a) The provisions of this chapter apply to the following types of new products sold, offered for sale, or installed in the State:~~

~~(1) Medium voltage dry-type distribution transformers.~~

~~(2) Metal halide lamp fixtures.~~

~~(3) Residential furnaces and residential boilers.~~

~~(4) Single-voltage external AC to DC power supplies.~~

~~(5) State-regulated incandescent reflector lamps.~~

~~(6) General service lamps.~~

~~(7) Each other product for which the Commissioner is required to adopt an efficiency or water conservation standard by rule pursuant to section 2795 of this title.~~

~~(8) Any other product that may be designated by the Commissioner in accordance with section 2797 of this title.~~

~~(b) The provisions of this chapter do not apply to:~~

~~(1) New products manufactured in the State and sold outside the State and the equipment used in manufacturing those products.~~

~~(2) New products manufactured outside the State and sold at wholesale inside the State for final retail sale and installation outside the State.~~

~~(3) Products installed in mobile manufactured homes at the time of construction.~~

~~(4) Products designed expressly for installation and use in recreational vehicles.~~

~~Sec. 4. 9 V.S.A. § 2795 is amended to read:~~

~~§ 2795. EFFICIENCY AND WATER CONSERVATION STANDARDS~~

~~Not later than June 1, 2007, the The Commissioner shall adopt rules in accordance with the provisions of 3 V.S.A. chapter 25 establishing minimum efficiency standards for the types of new products set forth in section 2794 of this title. The rules shall provide for the following minimum efficiency standards for products sold or installed in this State:~~

~~* * *~~

~~(6) In the rules, the Commissioner shall adopt minimum efficiency and water conservation standards for each product that is subject to a standard under 10 C.F.R. §§ 430 and 431 as those provisions existed on January 19, 2017. The minimum standard and the testing protocol for each product shall be the same as adopted in those sections of the Code of Federal Regulations.~~

~~(7) In the rules, the Commissioner shall adopt a minimum efficacy standard for general service lamps of 45 lumens per watt, when tested in accordance with 10 C.F.R. § 430.23(gg) as that provision existed on January 19, 2017.~~

Sec. 5. 9 V.S.A. § 2796 is amended to read:

§ 2796. IMPLEMENTATION

** * **

(f)(1) When federal preemption under 42 U.S.C. § 6297 applies to a standard adopted pursuant to this chapter for a product, the standard shall become enforceable on the occurrence of the earliest of the following:

(A) The federal energy or water conservation standard for the product under 42 U.S.C. chapter 77 is withdrawn, repealed, or otherwise voided. However, this subdivision (A) shall not apply to any federal energy or water conservation standard set aside by a court of competent jurisdiction upon the petition of a person who will be adversely affected, as provided in 42 U.S.C. § 6306(b).

(B) A waiver is issued pursuant to 42 U.S.C. § 6297.

(2) The federal standard for general service lamps shall be considered to be withdrawn, repealed, or otherwise voided within the meaning of this subsection if it does not come into effect on January 20, 2020 pursuant to the actions published at 82 Fed. Reg. 7276 and 7333 (January 19, 2017).

(3) When a standard adopted pursuant to this chapter becomes enforceable under this subsection, a person shall not sell or offer for sale in the State a new product subject to the standard unless the efficiency or water conservation of the new product meets or exceeds the requirements set forth in

~~the standard~~

~~Sec. 6. RULE ADOPTION; SCHEDULE; REPORT~~

~~(a) Rule adoption; schedule.~~

~~(1) On or before August 1, 2017, the Commissioner of Public Service shall file with the Secretary of State proposed rules to effect ~~Sec. 2~~ Sec. 4 of this act.~~

~~(2) On or before April 1, 2018, the Commissioner shall finally adopt these rules, unless the Legislative Committee on Administrative Rules extends this date pursuant to 3 V.S.A. § 843(c).~~

~~(b) Reports.~~

~~(1) On or before December 15, 2017, the Commissioner of Public Service shall file a progress report on the rulemaking required by this act. The report shall attach the proposed rules as filed with the Secretary of State.~~

~~(2) On or before December 15, 2018, the Commissioner of Public Service shall file a further progress report on the rulemaking required by this act. The report shall attach the rules as finally adopted by the Commissioner.~~

~~Sec. 7. EFFECTIVE DATE~~

~~This act shall take effect on passage.~~

~~*** Appliance Efficiency ***~~

~~Sec. 1. PURPOSE~~

~~In light of the findings set forth at 9 V.S.A. § 2792, Secs. 2 through 6 of this~~

act adopt federal appliance and lighting efficiency standards in effect on January 19, 2017 so that the same standards will be in place in Vermont should the federal standards be repealed or voided. The act also adopts federal standards for general service lighting that have been adopted by the U.S. Department of Energy and are scheduled to come into effect on January 20, 2020, again so that the same standards will be in place in Vermont. The act does not adopt standards for other products or standards for a product that are different from the federal standards.

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* * *

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(a) The provisions of this chapter apply to the following types of new products sold, offered for sale, or installed in the State:

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(2) Metal halide lamp fixtures.

(3) Residential furnaces and residential boilers.

(4) Single-voltage external AC to DC power supplies.

(5) State-regulated incandescent reflector lamps.

(6) General service lamps.

(7) Each other product for which the Commissioner is required to adopt an efficiency or water conservation standard by rule pursuant to section 2795 of this title.

(8) Any other product that may be designated by the Commissioner in accordance with section 2797 of this title.

(b) The provisions of this chapter do not apply to:

(1) New products manufactured in the State and sold outside the State and the equipment used in manufacturing those products.

(2) New products manufactured outside the State and sold at wholesale inside the State for final retail sale and installation outside the State.

(3) Products installed in mobile manufactured homes at the time of construction.

(4) Products designed expressly for installation and use in recreational vehicles.

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§ 2795. EFFICIENCY AND WATER CONSERVATION STANDARDS

~~Not later than June 1, 2007, the~~ The Commissioner shall adopt rules in

accordance with the provisions of 3 V.S.A. chapter 25 establishing minimum efficiency standards for the types of new products set forth in section 2794 of this title. The rules shall provide for the following minimum efficiency standards for products sold or installed in this State:

** * **

(6) In the rules, the Commissioner shall adopt minimum efficiency and water conservation standards for each product that is subject to a standard under 10 C.F.R. §§ 430 and 431 as those provisions existed on January 19, 2017. The minimum standard and the testing protocol for each product shall be the same as adopted in those sections of the Code of Federal Regulations.

(7) In the rules, the Commissioner shall adopt a minimum efficacy standard for general service lamps of 45 lumens per watt, when tested in accordance with 10 C.F.R. § 430.23(gg) as that provision existed on January 19, 2017.

Sec. 5. 9 V.S.A. § 2796 is amended to read:

§ 2796. IMPLEMENTATION

** * **

(f)(1) When federal preemption under 42 U.S.C. § 6297 applies to a standard adopted pursuant to this chapter for a product, the standard shall become enforceable on the occurrence of the earliest of the following:

(A) The federal energy or water conservation standard for the

product under 42 U.S.C. chapter 77 is withdrawn, repealed, or otherwise voided. However, this subdivision (A) shall not apply to any federal energy or water conservation standard set aside by a court of competent jurisdiction upon the petition of a person who will be adversely affected, as provided in 42 U.S.C. § 6306(b).

(B) A waiver of federal preemption is issued pursuant to 42 U.S.C. § 6297.

(2) The federal standard for general service lamps shall be considered to be withdrawn, repealed, or otherwise voided within the meaning of this subsection if it does not come into effect on January 20, 2020 pursuant to the actions published at 82 Fed. Reg. 7276 and 7333 (January 19, 2017).

(3) When a standard adopted pursuant to this chapter becomes enforceable under this subsection, a person shall not sell or offer for sale in the State a new product subject to the standard unless the efficiency or water conservation of the new product meets or exceeds the requirements set forth in the standard.

Sec. 6. RULE ADOPTION; SCHEDULE; REPORT

(a) Rule adoption; schedule.

(1) On or before August 1, 2017, the Commissioner of Public Service shall file with the Secretary of State proposed rules to effect Sec. 4 of this act.

(2) On or before April 1, 2018, the Commissioner shall finally adopt

these rules, unless the Legislative Committee on Administrative Rules extends this date pursuant to 3 V.S.A. § 843(c).

(b) Reports.

(1) On or before December 15, 2017, the Commissioner of Public Service shall file a progress report on the rulemaking required by this act. The report shall attach the proposed rules as filed with the Secretary of State.

(2) On or before December 15, 2018, the Commissioner of Public Service shall file a further progress report on the rulemaking required by this act. The report shall attach the rules as finally adopted by the Commissioner.

* * * Net Metering * * *

Sec. 7. 30 V.S.A. § 8010(c)(2) is amended to read:

(2) The rules shall include provisions that govern:

* * *

(F) the amount of the credit to be assigned to each kWh of electricity generated by a net metering customer in excess of the electricity supplied by the interconnecting provider to the customer; the manner in which the customer's credit will be applied on the customer's bill, and the period during which a net metering customer must use the credit, after which the credit shall revert to the interconnecting provider.

(i) When assigning an amount of credit under this subdivision (F), the Board shall consider making multiple lengths of time available over which

a customer may take a credit and differentiating the amount according to the length of time chosen. For example, a monthly credit amount may be higher if taken over 10 years and lower if taken over 20 years. Factors relevant to this consideration shall include the customer's ability to finance the net metering system, the cost of that financing, and the net present value to all ratepayers of the net metering program.

(ii) In this subdivision (ii), "existing net metering system" means a net metering system for which a complete application was filed before January 1, 2017.

(I) Commencing 10 years from the date on which an existing net metering system was installed, the Board may apply to the system the same rules governing bill credits and the use of those credits on the customer's bill that it applies to net metering systems for which applications were filed on or after January 1, 2017, other than any adjustments related to siting and tradeable renewable energy credits.

(II) This subdivision (ii) shall apply to existing net metering systems notwithstanding any contrary provision of 1 V.S.A. § 214 and 2014 Acts and Resolves No. 99, Sec. 10.

Sec. 8. NET METERING SYSTEMS; APPROVAL UNDER BOARD

ORDER

(a) In this section, "Temporary Net Metering Order" means the order on

reconsideration issued on August 29, 2016 by the Public Service Board (Board) under the caption of "In Re: Revised Net-Metering Rule Pursuant to Act 99 of 2014."

(b) A net metering system that received an approval from the Board pursuant to the Temporary Net Metering Order may be constructed and placed into service in accordance with the terms of that Order and the approval issued pursuant to that Order; provided the approval was issued before September 1, 2017.

** * * Effective Dates * * **

Sec. 9. EFFECTIVE DATES; APPLICABILITY

(a) This act shall take effect on passage.

(b) Notwithstanding 1 V.S.A. § 214, Sec. 7 shall apply to net metering rules of the Public Service Board adopted on or after January 1, 2017.