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S.267

Introduced by Senators Pearson, Perchlik, Ashe, Balint, Bray, Champion,
MacDonald and Sirotkin

Referred to Committee on

Date:

Subject: Energy; public service; renewable energy programs; Renewable
Energy Standard

Statement of purpose of bill as introduced: This bill proposes to make various
amendments to the Renewable Energy Standard, including requiring that total
renewable energy increase to 100 percent by 2030, and distributed renewable
generation to 20 percent by 2032.

An act relating to the Renewable Energy Standard

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

Sec. 1. 30 V.S.A. § 8005 is amended to read:

§ 8005. RES CATEGORIES

(a) Categories. This section specifies three categories of required resources
to meet the requirements of the RES established in section 8004 of this title:
total renewable energy, distributed renewable generation, and energy
transformation.

(1) Total renewable energy.

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(B) Required amounts. The amounts of total renewable energy required by this subsection shall be ~~55~~ 59 percent of each retail electricity provider's annual retail electric sales during the year beginning on January 1, ~~2017~~ 2020, increasing by an additional ~~four~~ 8.2 percent each ~~third~~ second January 1 thereafter, until reaching ~~75~~ 100 percent on and after January 1, ~~2032~~ 2030. Of the amounts of total renewable energy required pursuant to this subdivision:

(i) the amounts produced by a hydroelectric renewable energy plant with a capacity of 200 MW or more within the supply portfolio of each retail electricity provider shall not exceed 33 percent of that provider's total supply portfolio; or

(ii) if the amounts produced by a hydroelectric renewable energy plant with a capacity of 200 MW or more within the supply portfolio of a retail electricity provider exceeded 33 percent of that provider's total supply portfolio on or before January 1, 2020 that percentage shall not increase.

* * *

(2) Distributed renewable generation.

* * *

(C) Required amounts. The required amounts of distributed renewable generation shall be one percent of each retail electricity provider's

1 annual retail electric sales during the year beginning January 1, 2017,
2 increasing by an additional three-fifths of a percent each subsequent January 1
3 until reaching ~~40~~ 3.4 percent on ~~and after~~ January 1, 2021, and increasing by
4 an additional 1.564 percent each subsequent January 1 until reaching 20
5 percent on and after January 1, 2032. The provisions of this subdivision shall
6 not apply to a retail electricity provider that meets the requirements of
7 subdivision (b)(1) of this section.

8 * * *

9 Sec. 2. RENEWABLE ENERGY STANDARDS PURSUANT TO

10 30 V.S.A. § 8005

11 (a) Pursuant to 30 V.S.A. § 8005(a)(1)(B) the amounts of total renewable
12 energy required shall be 59 percent of each retail electricity provider's annual
13 retail electric sales during the year beginning on January 1, 2020, increasing by
14 an additional 8.2 percent each second January 1 thereafter, until reaching 100
15 percent on and after January 1, 2030:

16	<u>Year</u>	<u>Increment</u>	<u>Percentage</u>
17	<u>2020</u>		<u>59.00%</u>
18	<u>2022</u>	<u>8.20%</u>	<u>67.20%</u>
19	<u>2024</u>	<u>8.20%</u>	<u>75.40%</u>
20	<u>2026</u>	<u>8.20%</u>	<u>83.60%</u>
21	<u>2028</u>	<u>8.20%</u>	<u>91.80%</u>

1 2030 8.20% 100.00%

2 (b) Pursuant to 30 V.S.A. § 8005(a)(2)(C), the required amounts of
3 distributed renewable generation shall be one percent of each retail electricity
4 provider's annual retail electric sales during the year beginning on January 1,
5 2017, increasing by an additional three-fifths of a percent each subsequent
6 January 1 until reaching ~~10~~ 3.4 percent on and after January 1, 2021, and
7 increasing by an additional 1.564 percent each subsequent January 1 until
8 reaching 20 percent on and after January 1, 2032:

9	<u>Year</u>	<u>Increment</u>	<u>Percentage</u>
10	<u>2017</u>		<u>1.00%</u>
11	<u>2018</u>	<u>0.600%</u>	<u>1.60%</u>
12	<u>2019</u>	<u>0.600%</u>	<u>2.20%</u>
13	<u>2020</u>	<u>0.600%</u>	<u>2.80%</u>
14	<u>2021</u>	<u>0.600%</u>	<u>3.40%</u>
15	<u>2022</u>	<u>1.564%</u>	<u>4.36%</u>
16	<u>2023</u>	<u>1.564%</u>	<u>5.93%</u>
17	<u>2024</u>	<u>1.564%</u>	<u>7.49%</u>
18	<u>2025</u>	<u>1.564%</u>	<u>9.06%</u>
19	<u>2026</u>	<u>1.564%</u>	<u>10.62%</u>
20	<u>2027</u>	<u>1.564%</u>	<u>12.18%</u>
21	<u>2028</u>	<u>1.564%</u>	<u>13.75%</u>

1	<u>2029</u>	<u>1.564%</u>	<u>15.31%</u>
2	<u>2030</u>	<u>1.564%</u>	<u>16.88%</u>
3	<u>2031</u>	<u>1.564%</u>	<u>18.44%</u>
4	<u>2032</u>	<u>1.564%</u>	<u>20.00%</u>

5 Sec. 3. PUBLIC UTILITY COMMISSION

6 The Public Utility Commission shall consider the merits of adopting a
7 mechanism within the Renewable Energy Standard pursuant to 30 V.S.A.
8 chapter 89 that assigns value to renewable energy generation based on the time
9 of delivery. The Commission, in consultation with the Department of Public
10 Service, shall provide its recommendations regarding how to do so, as well as
11 how best to cost effectively capture the benefits of energy storage to the
12 General Assembly on or before January 20, 2021.

13 Sec. 4. EFFECTIVE DATE

14 This act shall take effect on July 1, 2020.