

1 Requested by Rep. Sibia

2 TO THE HOUSE OF REPRESENTATIVES:

3 The Committee on Energy and Technology to which was referred House
4 Bill No. 501 entitled “An act relating to electricity storage on the Vermont
5 grid” respectfully reports that it has considered the same and recommends that
6 the bill be amended by striking out all after the enacting clause and inserting in
7 lieu thereof the following:

8 **Sec. 1. ENERGY STORAGE; REPORT**

9 (a) Definitions. As used in this section, “energy storage” means a system
10 that uses mechanical, chemical, or thermal processes to store energy for
11 later use.

12 (b) Report. On or before November 15, 2017, the Commissioner of Public
13 Service shall submit a report on the issue of deploying energy storage on the
14 Vermont electric transmission and distribution system.

15 (1) The Commissioner shall submit the report to the House Committee
16 on Energy and Technology, and the Senate Committees on Finance and on
17 Natural Resources and Energy.

18 (2) During the preparation of the report, the Commissioner shall provide
19 an opportunity for the public to submit relevant information and
20 recommendations.

21 (3) The report shall:

1 (A) summarize existing state, regional, and national actions or
2 initiatives affecting deployment of energy storage;

3 (B) identify and summarize federal and state jurisdictional issues
4 regarding deployment of energy storage;

5 (C) identify the opportunities for, the benefits of, and the barriers
6 to deploying energy storage;

7 (D) evaluate regulatory options and structures available to foster
8 energy storage; and

9 (E) assess the potential benefits of and methods for fostering the
10 development of merchant- and market-based solutions for energy storage
11 in Vermont.

12 (4) The report shall provide the Commissioner’s findings and
13 recommendations on each of the issues identified in subdivision (3) of this
14 subsection. The report shall itemize which recommendations the
15 Commissioner believes require legislative action and which recommendations
16 may be implemented under current law, including by rule or order of the
17 Public Service Board.

18 Sec. 2. 30 V.S.A. § 8015 is amended to read:

19 § 8015. VERMONT CLEAN ENERGY DEVELOPMENT FUND

20 * * *

1 (b) Definitions. ~~For purposes of~~ As used in this section, the following
2 definitions shall apply:

3 (1) “Clean energy resources” means electric power supply and demand-
4 side resources, or thermal energy or geothermal resources, that are “combined
5 heat and power facilities,” “cost-effective energy efficiency resources,” or
6 “renewable energy” resources. The term includes energy storage attached to a
7 renewable energy resource.

8 * * *

9 **(6) “Energy storage” means a system that uses mechanical,**
10 **chemical, or thermal processes to store energy for later use.**

11 * * *

12 (d) Expenditures authorized.

13 (1) Projects for funding may include the following:

14 (A) projects that will sell power in commercial quantities;

15 (B) among those projects that will sell power in commercial
16 quantities, funding priority will be given to those projects that commit to sell
17 power to Vermont utilities on favorable terms;

18 (C) projects to benefit publicly owned or leased buildings;

19 (D) renewable energy projects on farms, which may include any or
20 all costs incurred to upgrade to a three-phase line to serve a system on a farm;

1 (E) small scale renewable energy in Vermont residences, institutions,
2 and businesses:

3 (i) generally; and

4 (ii) through the Small-scale Renewable Energy Incentive Program;

5 (F) projects under the agricultural economic development special
6 account established under 6 V.S.A. § 4710(g) to harvest biomass, convert
7 biomass to energy, or produce biofuel;

8 (G) until December 31, 2008 only, super-efficient buildings;

9 (H) projects to develop and use thermal or geothermal energy,
10 regardless of whether they also involve the generation of electricity;

11 (I) emerging energy-efficient technologies;

12 (J) effective projects that are not likely to be established in the
13 absence of funding under the program;

14 (K) natural gas vehicles and associated fueling infrastructure if each
15 such vehicle is dedicated only to natural gas fuel and, on a life cycle basis, the
16 vehicle's emissions will be lower than commercially available vehicles using
17 other fossil fuel, and any such infrastructure will deliver gas without
18 interruption of flow;

19 (L) electric vehicles and associated charging stations;

20 **(M) energy storage attached to a renewable energy resource.**

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1 Sec. 3. EFFECTIVE DATE

2 This act shall take effect on passage.

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5 (Committee vote: _____)

6

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Representative _____

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FOR THE COMMITTEE

DRAFT