

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 later
11 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) The Commissioner shall provide an opportunity for the public
19 and Vermont electric transmission and distribution companies to submit
20 information relevant to the preparation of the report.

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 to
6 deploying energy storage;

7 (D) identify and evaluate regulatory options and structures available
8 to foster energy storage, including potential cost impacts to ratepayers; and

9 (E) assess the potential methods for fostering the development of
10 cost-effective solutions for energy storage in Vermont and the potential
11 benefits and cost impacts of each method for ratepayers.

12 (4) The report shall identify the challenges and opportunities for
13 fostering energy storage in Vermont.

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

15 § 8015. VERMONT CLEAN ENERGY DEVELOPMENT FUND

16 * * *

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

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

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(d) Expenditures authorized.

(1) Projects for funding may include the following:

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

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

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

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

(E) ~~small-scale~~ small-scale renewable energy in Vermont residences, institutions, and businesses:

(i) generally; and

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

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

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

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

(I) emerging energy-efficient technologies;

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

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

8 (L) electric vehicles and associated charging stations;

9 **(M) energy storage projects that facilitate utilization of**
10 **renewable energy resources.**

11 * * *

12 Sec. 3. EFFECTIVE DATE

13 This act shall take effect on passage.

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16 (Committee vote: _____)

17 _____

18 Representative _____

19 FOR THE COMMITTEE