

1 Introduced by Committee on Natural Resources and Energy

2 Date:

3 Subject: Energy; conservation and development; air pollution; public service;  
4 building energy; renewable energy goals; standard offer program

5 Statement of purpose of bill as introduced: This bill proposes various  
6 amendments related to energy.

7 An act relating to miscellaneous energy issues

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

9 \* \* \* Net Metering \* \* \*

10 Sec. 1. 30 V.S.A. § 8010(c)(2) is amended to read:

11 (2) The rules shall include provisions that govern:

12 \* \* \*

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

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

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

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

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

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

1       Sec. 2. NET METERING SYSTEMS; APPROVAL UNDER BOARD

2                   ORDER

3           (a) In this section, “Temporary Net Metering Order” means the order on  
4           reconsideration issued on August 29, 2016 by the Public Service Board  
5           (Board) under the caption of “In Re: Revised Net-Metering Rule Pursuant to  
6           Act 99 of 2014.”

7           (b) A net metering system that received an approval from the Board  
8           pursuant to the Temporary Net Metering Order may be constructed and placed  
9           into service in accordance with the terms of that Order and the approval issued  
10          pursuant to that Order, provided the approval was issued on or before August  
11          1, 2017.

12                                   \* \* \* Building Energy Performance \* \* \*

13       Sec. 3. 30 V.S.A. chapter 2, subchapter 2 is added to read:

14                   Subchapter 2. Building Energy Labeling and Benchmarking

15       § 60. DEFINITIONS

16       As used in this subchapter:

17           (1) “Benchmarking” means measuring the energy performance of a  
18           single building or portfolio of buildings over time in comparison to other  
19           similar buildings or to modeled simulations of a reference building built to a  
20           specific standard such as an energy code.

1           (2) “Board” means the Public Service Board created under section 3 of  
2           this title.

3           (3) “Commercial Working Group” means the Commercial and Multiunit  
4           Building Energy Labeling Working Group established by subsection 61(b) of  
5           this title.

6           (4) “Department” means the Department of Public Service established  
7           by 3 V.S.A. § 312 and section 1 of this title.

8           (5) “Distribution company” means a company under the jurisdiction of  
9           the Board that distributes electricity or natural gas for consumption by end  
10           users.

11           (6) “Energy efficiency utility” means an energy efficiency entity  
12           appointed under subdivision 209(d)(2) of this title.

13           (7) “Energy label” means the visual presentation in a consistent format  
14           of an energy rating for a building and any other supporting and comparative  
15           information. The label may be provided as a paper certificate or made  
16           available online, or both.

17           (8) “Energy rating” means a simplified mechanism to convey a  
18           building’s energy performance. The rating may be based on the operation of  
19           the building or modeled based on the building’s assets.

1           (9) “Multiunit building” means a building that contains more than one  
2           independent dwelling unit or separate space for independent commercial use,  
3           or both.

4           (10) “Residential Working Group” means the Residential Building  
5           Energy Labeling Working Group established by subsection 61(a) of this title.

6           (11) “Unit holder” means the tenant or owner of an independent  
7           dwelling unit or separate space for independent commercial use within a  
8           multiunit building.

9           § 61. BUILDING ENERGY WORKING GROUPS

10           (a) Residential Working Group. There is established the Residential  
11           Building Energy Labeling Working Group.

12           (1) The Residential Working Group shall consist of the following:

13           (A) The Commissioner of Public Service (Commissioner) or  
14           designee.

15           (B) An expert in the design, implementation, and evaluation of  
16           programs and policies to promote investments in energy efficiency who is not  
17           a member of an organization described elsewhere in this subsection, appointed  
18           by the Commissioner.

19           (C) A representative of each energy efficiency utility, chosen by that  
20           efficiency utility;

1           (D) The Director of the State Office of Economic Opportunity or  
2           designee.

3           (E) A representative of Vermont’s community action agencies  
4           appointed by the Vermont Community Action Partnership.

5           (F) A representative, with energy efficiency expertise, of the  
6           Vermont Housing and Conservation Board, appointed by the Board.

7           (G) A building performance professional appointed by the Building  
8           Performance Professionals Association.

9           (H) A representative of the real estate industry, appointed by the  
10          Vermont Association of Realtors.

11          (I) Such other members with expertise in energy efficiency, building  
12          design, energy use, or the marketing and sale of real property as the  
13          Commissioner may appoint.

14          (2) The Residential Working Group shall advise the Commissioner in  
15          the development of informational materials pursuant to section 62 of this title  
16          and may advise the Commissioner on other matters related to benchmarking,  
17          energy rating, or energy labels for residential structures.

18          (b) Commercial Working Group. There is established the Commercial and  
19          Multiunit Building Energy Labeling Working Group.

20          (1) The Commercial Working Group shall consist of the following:

21                 (A) The Commissioner or designee.

1           (B) An expert in the design, implementation, and evaluation of  
2           programs and policies to promote investments in energy efficiency who is not  
3           a member of an organization described elsewhere in this subsection, appointed  
4           by the Commissioner.

5           (C) A representative of each energy efficiency utility, chosen by that  
6           efficiency utility.

7           (D) The Director of the State Office of Economic Opportunity or  
8           designee.

9           (E) A representative of Vermont’s community action agencies  
10          appointed by the Vermont Community Action Partnership.

11          (F) A representative, with energy efficiency expertise, of the  
12          Vermont Housing and Conservation Board, appointed by the Board.

13          (G) Such other members with expertise in energy efficiency,  
14          building design, energy use, or the marketing and sale of real property as the  
15          Commissioner may appoint.

16          (2) The Commercial Working Group shall advise the Commissioner in  
17          the development of forms pursuant to section 63 of this title and may advise  
18          the Commissioner on other matters related to benchmarking, energy rating, or  
19          energy labels for commercial and multiunit buildings.

20          (c) Co-Chairs. Each working group shall elect two co-chairs from among  
21          its members.

1        (d) Meetings. Meetings of each working group shall be at the call of a co-  
2        chair or any three of its members. The meetings shall be subject to the  
3        Vermont Open Meeting Law and 1 V.S.A. § 172.

4        (e) Vacancy. When a vacancy arises in a working group created under this  
5        section, the appointing authority shall appoint a person to fill the vacancy.

6        § 62. DISCLOSURE OF INFORMATIONAL MATERIAL; SINGLE-  
7        FAMILY DWELLINGS

8        (a) Disclosure. For a contract for the conveyance of real property that is a  
9        single-family dwelling, executed on or after January 1, 2018, the seller shall,  
10       within 72 hours of the execution, provide the buyer with informational  
11       materials developed by the Department in consultation with the Residential  
12       Working Group. These materials shall include information on:

13        (1) resources for determining home energy use and costs for Vermont  
14        homes and opportunities for energy savings;

15        (2) available voluntary tools for energy rating and energy labels; and

16        (3) available programs and services in Vermont related to energy  
17        efficiency, building energy performance, and weatherization.

18        (b) Marketability of title. Noncompliance with the requirements of this  
19        section shall not affect the marketability of title of a property.

20        (c) Penalty; liability. Liability for failure to provide the informational  
21        materials required by this section shall be limited to a civil penalty, imposed by



1 the Public Service Board under section 30 of this title, of not less than \$25.00  
2 and not more than \$250.00 for each violation.

3 § 63. MULTIUNIT BUILDINGS; ACCESS TO AGGREGATED DATA

4 (a) Obligation; aggregation and release of data. On request of the owner of  
5 a multiunit building or the owner's designated agent, each distribution  
6 company and energy efficiency utility shall aggregate monthly energy usage  
7 data in its possession for the unit holders in the building and release the  
8 aggregated data to the owner or agent. The aggregated data shall be  
9 anonymized.

10 (1) Under this section, the obligation to aggregate and release data shall  
11 accrue when the owner or agent:

12 (A) Certifies that the request is made for the purpose of  
13 benchmarking or preparing an energy label for the building.

14 (B) With respect to a multiunit building that has at least four unit  
15 holders, provides documentation certifying that, at least 14 days prior to  
16 submission of the request, each unit holder was notified that the energy usage  
17 data of the holder was to be requested and that this notice gave each unit holder  
18 an opportunity to opt out of the energy use aggregation. The owner or agent  
19 shall identify, to the distribution company or energy efficiency utility  
20 requesting the data, each unit holder that opted out.

1           (C) With respect to a multiunit building that has fewer than four unit  
2 holders, provides an energy usage data release authorization from each unit  
3 holder.

4           (2) A unit holder may authorize the release of the holder’s energy usage  
5 data by signature on a release authorization form or clause in a lease signed by  
6 the unit holder. The provisions of 9 V.S.A. § 276 (recognition of electronic  
7 records and signatures) shall apply to release authorization forms under this  
8 subsection.

9           (3) After consultation with the Commercial Working Group, the  
10 Commissioner of Public Service shall prescribe forms for requests and release  
11 authorizations under this subsection. The request form shall include the  
12 required certification.

13           (b) Response period. A distribution company or energy efficiency utility  
14 shall release the aggregated energy use data to the building owner or  
15 designated agent within 30 days of its receipt of a request that meets the  
16 requirements of subsection (a) of this section.

17           (1) The aggregation shall exclude energy usage data for each unit holder  
18 who opted out or, in the case of a multiunit building with fewer than four unit  
19 holders, each unit holder for which a signed release authorization was not  
20 received.

1           (2) A distribution company may refer a complete request under  
2           subsection (a) of this section to an energy efficiency utility that possesses the  
3           requisite data, unless the data are to be used for a benchmarking program to be  
4           conducted by the company.

5           Sec. 4. 27 V.S.A. § 617 is added to read:

6           § 617. DISCLOSURE OF ENERGY INFORMATIONAL MATERIAL;

7                   SINGLE-FAMILY DWELLINGS

8           The provisions of 30 V.S.A. § 62 shall apply when a contract is executed  
9           for the conveyance of real property that is a single-family dwelling.

10          Sec. 5. WORKING GROUPS; CONTINUATION

11          (a) The Residential Energy Labeling Working Group and Commercial  
12          Energy Labeling Working Group convened by the Department of Public  
13          Service in response to 2013 Acts and Resolves No. 89, Sec. 12, as each group  
14          existed on February 1, 2017, shall continue in existence respectively as the  
15          Residential Building Energy Labeling Working Group and the Commercial  
16          and Multiunit Building Energy Labeling Working Group created under Sec. 3  
17          of this act, in 30 V.S.A. § 62. Those persons who were members of such a  
18          working group as of that date may continue as members and, in accordance  
19          with 30 V.S.A. § 62, the appointing authorities shall fill vacancies in the  
20          working group as they arise.

1        (b) Within 60 days of this section’s effective date, the Commissioner of  
2        Public Service shall make appointments to each working group created under  
3        Sec. 3 of this act to fill each membership position newly created by Sec. 3, in  
4        30 V.S.A. § 62.

5        Sec. 6. REPORT; COMMERCIAL AND MULTIUNIT BUILDING  
6        ENERGY

7        (a) On or before December 15, 2018, the Commissioner of Public Service  
8        (the Commissioner), in consultation with the Commercial and Multiunit  
9        Building Energy Labeling Working Group created under Sec. 3 of this act,  
10       shall file a report and recommendations on each of the following:

11        (1) each issue listed under “unresolved issues” on page 45 of the report  
12       to the General Assembly in response to 2013 Acts and Resolves No. 89,  
13       Sec. 12, entitled “Development of a Voluntary  
14       Commercial/Multifamily/Mixed-Use Building Energy Label” and dated  
15       December 15, 2014; and

16        (2) the appropriateness and viability of publicly disclosing the results of  
17       benchmarking as defined in Sec. 3, in 30 V.S.A. § 60.

18        (b) The Commissioner shall file the report and recommendations created  
19       under subsection (a) of this section with the House Committee on Energy and  
20       Technology and the Senate Committees on Finance and on Natural Resources  
21       and Energy.

1           \* \* \* 90 by 2050 Renewable Energy Goal; Adoption in Statute \* \* \*

2           Sec. 7. 10 V.S.A. § 580 is amended to read:

3           § 580. 90 BY 2050 AND 25 BY 25 STATE GOAL GOALS

4           (a) 90 by 2050 goal. It is a goal of the State, by the year 2050, that  
5           90 percent of all energy consumed in Vermont be renewable energy. The  
6           requirements of the Renewable Energy Standard set forth at 30 V.S.A. §§ 8004  
7           and 8005 are incorporated in support of achieving this goal.

8           (b) 25 by 25 goal. It is also a goal of the State, by the year 2025, to  
9           produce 25 percent of the energy consumed within the State through the use of  
10          renewable energy sources, particularly from Vermont’s farms and forests.

11          (c) State planning and implementation. Each of the documents listed in  
12          this subsection shall plan for the achievement of the goals of this section,  
13          recommend pathways and actions to make incremental progress toward these  
14          goals, and report on the progress made and actions taken to achieve the goals.

15                (1) each State Comprehensive Energy Plan and Plan update issued by  
16                the Commissioner of Public Service pursuant to 30 V.S.A. § 202b;

17                (2) each long-range transportation systems plan and annual  
18                transportation program developed by the Secretary of Transportation pursuant  
19                to 19 V.S.A. chapter 1; and

20                (3) each State agency energy plan adopted by the Secretary of  
21                Administration pursuant to 3 V.S.A. § 2291.

1        ~~(b)~~(d) Agriculture; forestry; plan. ~~By no later than~~ On or before  
2        January 15, ~~2009~~ 2018, the Secretary of Agriculture, Food and Markets, in  
3        consultation with the Commissioner of Public Service and the Commissioner  
4        of Forests, Parks and Recreation, shall present to the Senate Committees on  
5        Agriculture and on Natural Resources and Energy and the House Committees  
6        on Agriculture and Forestry and on Energy and Technology of the General  
7        Assembly a plan for attaining ~~this goal~~ the goal set forth in subsection (b) of  
8        this section. This plan may be submitted as an update to a previously filed  
9        plan to achieve the same goal. ~~Plan~~ Following this 2018 submittal, plan  
10        updates shall be presented no less frequently than every ~~three years~~ third  
11        January 15 thereafter through 2024, and a progress report shall be due annually  
12        on January 15, with the final progress report due on January 15, 2025. The  
13        provisions of 2 V.S.A. § 20(d) shall not apply to the plans and reports required  
14        by this subsection.

15        ~~(e)~~ By no later than January 15, 2009, the Department of Public Service  
16        shall present to the legislative committees on Natural Resources and Energy an  
17        updated comprehensive energy plan which shall give due consideration to the  
18        public engagement process required under 30 V.S.A. § 254 and under 2006  
19        Acts and Resolves No. 208, Sec. 2. By that time, the Department of Public  
20        Service shall incorporate plans adopted under this section into the state  
21        comprehensive energy plan adopted under 30 V.S.A. § 202b.

1           (e) Action; coordination.

2                   (1) The following shall take action to implement this section and  
3           coordinate in its implementation:

4                           (A) the Secretaries of Administration, of Agriculture, Food and  
5           Markets, of Natural Resources, and of Transportation; and

6                           (B) the Commissioners of Buildings and General Services and of  
7           Public Service.

8                   (2) These secretaries and commissioners may use a body established by  
9           Executive Order, such as a climate cabinet, to accomplish the coordination  
10           required by this subsection, provided that each of them is a member of the  
11           body.

12                   (f) DPS; annual progress report. In consultation with the other officers  
13           listed in subsection (e) of this section, the Commissioner of Public Service  
14           shall file an annual progress report on meeting the goals of this section. The  
15           report shall address each of the following sectors of energy consumption in the  
16           State: electricity, nonelectric fuels for thermal purposes, and transportation.

17                   (1) The Commissioner shall file the report on or before January 15 of  
18           each year commencing in 2018 through 2050. The provisions of 2 V.S.A.  
19           § 20(d) shall not apply to the reports required by this subsection.

1           (2) The Commissioner shall file the report with the House Committees  
2           on Energy and Technology and on Natural Resources, Fish and Wildlife, and  
3           with the Senate Committees on Finance and on Natural Resources and Energy.

4           (3) For each sector, the report shall provide:

5           (A) For the most recent calendar year for which data is available, the  
6           total amount of energy consumed, the amount of renewable energy consumed,  
7           and the percentage of renewable energy consumed. For each sector, the  
8           amounts shall be presented in MMBTUs, and the electricity sector amount  
9           shall also be stated in MWH. This data shall also include Vermont and New  
10           England summer and winter peak electric demand, including the hour and day  
11           of peak demand of each.

12           (B) Projections of the reduction in energy consumption and of the  
13           substitution of renewable energy for fossil fuels expected to occur under  
14           existing policies, technologies, and markets. The Department shall use the  
15           most recent data available to inform these projections and shall provide this  
16           data as a supplement to the calendar year data described in subdivision (3)(A)  
17           of this subsection.

18           (4) The report shall include a supplemental analysis setting forth how  
19           progress toward the goals of this section is being supported by complementary  
20           work in avoiding or reducing energy consumption through efficiency and  
21           demand reduction. In this subdivision (4), “demand reduction” includes



1 dispatchable measures, such as controlling appliances that consume energy,  
2 and nondispatchable measures, such as weatherization.

3 (5) The report shall include recommendations on methods to enhance  
4 the process for planning, tracking, and reporting progress toward meeting the  
5 goals of this section. Such recommendations may include the consolidation of  
6 one or more periodic reports filed by the Department or other State agencies  
7 relating to renewable energy, with proposals for amending the statutes relevant  
8 to those reports.

9 (6) The report shall include a summary of the following information for  
10 each sector:

11 (A) major changes in the markets, technologies, and costs;

12 (B) average Vermont prices compared to those of the other New  
13 England states; and

14 (C) significant incentive programs available to Vermont residents and  
15 businesses.

16 (g) Definition. In this section, “renewable energy” has the same meaning  
17 as under 30 V.S.A. § 8002.

18 \* \* \* 90 by 2050 Goal; Amendments to Planning and Efficiency Statutes \* \* \*

19 Sec. 8. 24 V.S.A. § 4352(c) is amended to read:

20 (c) Enhanced energy planning; requirements. To obtain an affirmative  
21 determination of energy compliance under this section, a plan must:

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\* \* \*

(3) be consistent with the following, with consistency determined in the manner described under subdivision 4302(f)(1) of this title:

- (A) Vermont’s greenhouse gas reduction goals under 10 V.S.A. § 578(a);
- (B) Vermont’s 90 by 2050 and 25 by 25 ~~goal~~ goals for renewable energy under 10 V.S.A. § 580;
- (C) Vermont’s building efficiency goals under 10 V.S.A. § 581;
- (D) State energy policy under 30 V.S.A. § 202a and the recommendations for regional and municipal energy planning pertaining to the efficient use of energy and the siting and development of renewable energy resources contained in the State energy plans adopted pursuant to 30 V.S.A. §§ 202 and 202b (State energy plans); and
- (E) the distributed renewable generation and energy transformation categories of resources to meet the requirements of the Renewable Energy Standard under 30 V.S.A. §§ 8004 and 8005; and

\* \* \*

Sec. 9. 30 V.S.A. § 202b is amended to read:

§ 202b. STATE COMPREHENSIVE ENERGY PLAN

(a) The Department of Public Service, in conjunction with other State agencies designated by the Governor, shall prepare a State Comprehensive

1 Energy Plan covering at least a 20-year period. The Plan shall seek to  
2 implement the State energy policy set forth in section 202a of this title and to  
3 achieve the goals set forth in 10 V.S.A. § 580, and shall be consistent with the  
4 relevant goals of 24 V.S.A. § 4302. The Plan shall include:

5 (1) a comprehensive analysis and projections regarding the use, cost,  
6 supply, and environmental effects of all forms of energy resources used within  
7 Vermont;

8 (2) the content required by 10 V.S.A. § 580;

9 (3) recommendations for State implementation actions, regulation,  
10 legislation, and other public and private action to carry out the Comprehensive  
11 Energy Plan; and

12 ~~(3)~~(4) recommendations for regional and municipal energy planning and  
13 standards for issuing a determination of energy compliance pursuant to  
14 24 V.S.A. § 4352.

15 \* \* \*

16 Sec. 10. 30 V.S.A. § 209(f) is amended to read:

17 (f) Goals and criteria; all energy efficiency programs. With respect to all  
18 energy efficiency programs approved under this section, the Board shall:

19 \* \* \*

20 (15) Ensure that the energy efficiency programs implemented under this  
21 section are designed to make continuous and proportional progress toward

1     attaining reductions in energy use that will assist in meeting the goals of  
2     10 V.S.A. § 580, and toward the overall State building efficiency goals  
3     established by 10 V.S.A. § 581, by promoting all forms of energy end-use  
4     efficiency and comprehensive sustainable building design.

5     Sec. 11. 30 V.S.A. § 218c is amended to read:

6     § 218c. LEAST-COST INTEGRATED PLANNING

7                                   \* \* \*

8             (b) Each regulated electric or gas company shall prepare and implement a  
9     least-cost integrated plan for the provision of energy services to its Vermont  
10    customers. At least every third year on a schedule directed by the Public  
11    Service Board, each such company shall submit a proposed plan to the  
12    Department of Public Service and the Public Service Board. The Board, after  
13    notice and opportunity for hearing, may approve a company's least-cost  
14    integrated plan if it determines that the company's plan complies with the  
15    requirements of subdivision (a)(1) of this section and of sections 8004 and  
16    8005 of this title and is consistent with the goals of 10 V.S.A. § 580.

17                                   \* \* \*

1 Sec. 12. 19 V.S.A. § 10b is amended to read:

2 § 10b. STATEMENT OF POLICY; GENERAL

3 (a) The Agency shall be the responsible agency of the State for the  
4 development of transportation policy. It shall develop a mission statement to  
5 reflect:

6 (1) that State transportation policy shall be to encompass, coordinate,  
7 and integrate all modes of transportation and to consider “complete streets”  
8 principles, which are principles of safety and accommodation of all  
9 transportation system users, regardless of age, ability, or modal preference; and

10 (2) the need for transportation projects that will improve the State’s  
11 economic infrastructure and advance the goals set forth in 10 V.S.A. § 580, as  
12 well as the use of resources in efficient, coordinated, integrated, cost-effective,  
13 and environmentally sound ways.

14 (b) The Agency shall coordinate planning and education efforts with those  
15 of the Vermont Climate Change Oversight Committee and those of local and  
16 regional planning entities:

17 (1) to ~~assure~~ ensure that the transportation system as a whole is  
18 integrated, that access to the transportation system as a whole is integrated, and  
19 that statewide, local, and regional conservation and efficiency opportunities  
20 and practices are integrated; and

1 (2) to support employer or local or regional government-led  
2 conservation, efficiency, rideshare, and bicycle programs and other innovative  
3 transportation advances, especially employer-based incentives.

4 (c) In developing the State’s annual Transportation Program, the Agency  
5 shall, consistent with the planning goals listed in 24 V.S.A. § 4302 as amended  
6 by 1988 Acts and Resolves No. 200 and with appropriate consideration to  
7 local, regional, and State agency plans:

8 (1) Develop or incorporate designs that provide integrated, safe, and  
9 efficient transportation and that are consistent with the goals set forth in  
10 10 V.S.A. § 580.

11 \* \* \*

12 Sec. 13. 19 V.S.A. § 10i is amended to read:

13 § 10i. TRANSPORTATION PLANNING PROCESS

14 (a) Long-range systems plan. The ~~agency~~ Agency shall establish and  
15 implement a planning process through the adoption of a long-range  
16 multi-modal systems plan integrating all modes of transportation. The  
17 long-range multi-modal systems plan shall be based upon ~~agency~~ Agency  
18 transportation policy developed under section 10b of this title, other policies  
19 approved by the ~~legislature~~ General Assembly such as the goals set forth in  
20 10 V.S.A. § 580, ~~agency~~ Agency goals, mission, and objectives, and  
21 demographic and travel forecasts, design standards, performance criteria, and

1 funding availability. The long-range systems plan shall be developed with  
2 participation of the public, local, and regional governmental entities, and  
3 pursuant to the planning goals and processes set forth in 1988 Acts and  
4 Resolves No. 200 of the Acts of the 1987 Adj. Sess. (1988). The plan shall  
5 contain the content required by 10 V.S.A. § 580.

6 \* \* \*

7 (c) Transportation program. The transportation program shall be developed  
8 in a fiscally responsible manner to accomplish the following objectives:

9 (1) ~~Managing~~ managing, maintaining, and improving the ~~state's~~ State's  
10 existing transportation infrastructure to provide capacity, safety, and flexibility  
11 in the most cost-effective and efficient manner;

12 (2) ~~Developing~~ developing an integrated transportation system that  
13 provides Vermonters with transportation choices;

14 (3) ~~Strengthening~~ strengthening the economy, protecting the quality of  
15 the natural environment, and improving Vermonters' quality of life; and

16 (4) achieving the goals set forth in 10 V.S.A. § 580.

17 \* \* \*

18 Sec. 14. 3 V.S.A. § 2291 is amended to read:

19 § 2291. STATE AGENCY ENERGY PLAN

20 \* \* \*

1 (c) The Secretary of Administration with the cooperation of the  
2 Commissioners of Public Service and of Buildings and General Services shall  
3 develop and oversee the implementation of a State Agency Energy Plan for  
4 State government. The Plan shall be adopted by June 30, 2005, modified as  
5 necessary, and readopted by the Secretary on or before January 15, 2010 and  
6 each sixth year subsequent to 2010. The Plan shall contain the content  
7 required by 10 V.S.A. § 580. The Plan shall accomplish the following  
8 objectives and requirements:

9 (1) To conserve resources, save energy, and reduce pollution. The Plan  
10 shall devise strategies to identify to the greatest extent feasible all opportunities  
11 for conservation of resources through environmentally and economically sound  
12 infrastructure development, purchasing, and fleet management, and  
13 investments in renewable energy and energy efficiency available to the State  
14 which are cost effective on a life-cycle cost basis.

15 (2) To ensure that the State's own energy consumption meets the  
16 percentage goals set forth in 10 V.S.A. § 580.

17 (3) To consider State policies and operations that affect energy use.

18 ~~(3)~~(4) To devise a strategy to implement or acquire all prudent  
19 opportunities and investments in as prompt and efficient a manner as possible.

20 ~~(4)~~(5) To include appropriate provisions for monitoring resource and  
21 energy use and evaluating the impact of measures undertaken.





1 § 8005a(k)(2)(B), the potential increased use of that exemption by retail  
2 electricity providers, and the effect of such increased use on nonexempt retail  
3 electricity providers. The report shall include the Board’s recommendations, if  
4 any, for amendment of the exemption.

5 (b) The Board shall submit the report required by this section to the House  
6 Committee on Energy and Technology and the Senate Committees on Finance  
7 and on Natural Resources and Energy.

8 (c) Before submitting the report, the Board shall provide an opportunity for  
9 affected parties and the public to submit relevant information and  
10 recommendations.

11 \* \* \* Effective Dates \* \* \*

12 Sec. 16. EFFECTIVE DATES; APPLICABILITY

13 (a) This section and Secs. 1, 2, 6, and 15 shall take effect on passage.

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

16 (c) Sec. 4 shall take effect on January 1, 2018.

17 (d) All other sections shall take effect on July 1, 2017.