

1 Requested by Rep. Sullivan

2 TO THE HOUSE OF REPRESENTATIVES:

3 The Committee on Energy and Technology to which was referred House
4 Bill No. 316 entitled “An act relating to renewable energy goals for Vermont’s
5 total energy consumption” respectfully reports that it has considered the same
6 and recommends that the bill be amended by striking out all after the enacting
7 clause and inserting in lieu thereof the following:

8 * * * Designation * * *

9 Sec. 1. DESIGNATION OF ACT

10 This act shall be referred to as the Consolidated Clean Energy Planning and
11 Economic Opportunity Act.

12 **Sec. 2. 10 V.S.A. § 578 is amended to read:**

13 **§ 578. GREENHOUSE GAS REDUCTION GOALS**

14 **(a) General goal of greenhouse gas reduction. It is the goal of the state**
15 **to reduce emissions of greenhouse gases from within the geographical**
16 **boundaries of the state and those emissions outside the boundaries of the**
17 **state that are caused by the use of energy in Vermont in order to make an**
18 **appropriate contribution to achieving the regional goals of reducing**
19 **emissions of greenhouse gases from the 1990 baseline by:**

20 **(1) ~~25 percent by January 1, 2012;~~**

21 **(2) ~~50~~ 40 percent by January 1, ~~2028~~ 2030;**

1 **(3) by the year 2050, to reduce the total energy consumed in**
2 **Vermont by at least one-third below the total energy consumed in the**
3 **State in 2015, through use of energy efficiency and demand reduction**
4 **measures.**

5 **(c) Renewable Energy Standard. The requirements of the Renewable**
6 **Energy Standard set forth in 30 V.S.A. §§ 8004 and 8005 are incorporated**
7 **in support of achieving the goals of this section.**

8 (d) State planning and implementation. Each of the following shall plan
9 for the achievement of the goals of this section, recommend specific
10 implementation measures to demonstrate incremental progress to achieve these
11 goals, and report on the progress made and actions taken to achieve the goals:

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

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

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

19 ~~(b)~~(c) Agriculture; forestry; plan. By no later than On or before
20 January 15, 2009 2018, the Secretary of Agriculture, Food and Markets, in
21 consultation with the Commissioner of Public Service and the Commissioner

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

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

19 (f) Action; coordination.

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

1 (C) Vermont’s building efficiency goals under 10 V.S.A. § 581;

2 (D) State energy policy under 30 V.S.A. § 202a and the
3 recommendations for regional and municipal energy planning pertaining to the
4 efficient use of energy and the siting and development of renewable energy
5 resources contained in the State energy plans adopted pursuant to 30 V.S.A.
6 §§ 202 and 202b (State energy plans); and

7 (E) the distributed renewable generation and energy transformation
8 categories of resources to meet the requirements of the Renewable Energy
9 Standard under 30 V.S.A. §§ 8004 and 8005; and

10 * * *

11 Sec. 5. 30 V.S.A. § 202b is amended to read:

12 § 202b. STATE COMPREHENSIVE ENERGY PLAN

13 (a) The Department of Public Service, in conjunction with other State
14 agencies designated by the Governor, shall prepare a State Comprehensive
15 Energy Plan covering at least a 20-year period. The Plan shall seek to
16 implement the State energy policy set forth in section 202a of this title and to
17 achieve the goals set forth in 10 V.S.A. § 580, and shall be consistent with the
18 relevant goals of 24 V.S.A. § 4302. The Plan shall include:

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

1 Sec. 7. 30 V.S.A. § 218c is amended to read:

2 § 218c. LEAST-COST INTEGRATED PLANNING

3 * * *

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

13 * * *

14 Sec. 8. 19 V.S.A. § 10b is amended to read:

15 § 10b. STATEMENT OF POLICY; GENERAL

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

19 (1) that State transportation policy shall be to encompass, coordinate,
20 and integrate all modes of transportation and to consider "complete streets"

1 principles, which are principles of safety and accommodation of all
2 transportation system users, regardless of age, ability, or modal preference; and

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

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

10 (1) to ~~assure~~ ensure that the transportation system as a whole is
11 integrated, that access to the transportation system as a whole is integrated, and
12 that statewide, local, and regional conservation and efficiency opportunities
13 and practices are integrated; and

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

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

1 (1) Develop or incorporate designs that provide integrated, safe, and
2 efficient transportation and that are consistent with the goals set forth in
3 10 V.S.A. § 580.

4 * * *

5 Sec. 9. 19 V.S.A. § 10i is amended to read:

6 § 10i. TRANSPORTATION PLANNING PROCESS

7 (a) Long-range systems plan. The ~~agency~~ Agency shall establish and
8 implement a planning process through the adoption of a long-range
9 multi-modal systems plan integrating all modes of transportation. The
10 long-range multi-modal systems plan shall be based upon ~~agency~~ Agency
11 transportation policy developed under section 10b of this title, other policies
12 approved by the ~~legislature~~ General Assembly such as the goals set forth in
13 10 V.S.A. § 580, agency goals, mission, and objectives, and demographic and
14 travel forecasts, design standards, performance criteria, and funding
15 availability. The long-range systems plan shall be developed with participation
16 of the public, local, and regional governmental entities, and pursuant to the
17 planning goals and processes set forth in 1988 Acts and Resolves No. 200 ~~of~~
18 ~~the Acts of the 1987 Adj. Sess. (1988)~~. The plan shall contain the content
19 required by 10 V.S.A. § 580.

20 * * *

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

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

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

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

10 (4) achieving the goals of 10 V.S.A. § 580.

11 * * *

12 Sec. 10. 3 V.S.A. § 2291 is amended to read:

13 § 2291. STATE AGENCY ENERGY PLAN

14 * * *

15 (c) The Secretary of Administration with the cooperation of the
16 Commissioners of Public Service and of Buildings and General Services shall
17 develop and oversee the implementation of a State Agency Energy Plan for
18 State government. The Plan shall be adopted by June 30, 2005, modified as
19 necessary, and readopted by the Secretary on or before January 15, 2010 and
20 each sixth year subsequent to 2010. The Plan shall contain the content

1 required by 10 V.S.A. § 580. The Plan shall accomplish the following
2 objectives and requirements:

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

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

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

12 ~~(3)~~(4) To devise a strategy to implement or acquire all prudent
13 opportunities and investments in as prompt and efficient a manner as possible.

14 ~~(4)~~(5) To include appropriate provisions for monitoring resource and
15 energy use and evaluating the impact of measures undertaken.

16 ~~(5)~~(6) To identify education, management, and other relevant policy
17 changes that are a part of the implementation strategy.

18 ~~(6)~~(7) To devise a strategy to reduce greenhouse gas emissions. The
19 Plan shall include steps to encourage more efficient trip planning, to reduce the
20 average fuel consumption of the State fleet, to encourage alternatives to
21 solo-commuting State employees for commuting and job-related travel, and to

1 incorporate conventional hybrid, plug-in hybrid, and battery electric vehicles
2 into the State fleet if cost-effective on a life-cycle basis.

3 ~~(7)~~(8) To provide, where feasible, for the installation of renewable
4 energy systems including solar energy systems, which shall include equipment
5 or building design features, or both, designed to attain the optimal mix of
6 minimizing solar gain in the summer and maximizing solar gain during the
7 winter, as part of the new construction or major renovation of any State
8 building. The cost of implementation and installation will be identified as part
9 of the budget process presented to the General Assembly.

10 * * *

11 * * * Effective Date * * *

12 Sec. 11. EFFECTIVE DATE

13 This act shall take effect on July 1, 2017.

14
15
16
17 (Committee vote: _____)

18 _____

19 Representative _____

20 FOR THE COMMITTEE