House Calendar

Friday, February 27, 2015

52nd DAY OF THE BIENNIAL SESSION

House Convenes at 9:30 A.M.

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ACTION CALENDAR

Third Reading

H. 272

An act relating to current use and technical tax changes

Favorable with Amendment

H. 40

An act relating to establishing a renewable energy standard and energy transformation program

Rep. Ellis of Waterbury, for the Committee on **Natural Resources & Energy,** recommends the bill be amended by striking all after the enacting clause and inserting in lieu thereof the following:

* * * Renewable Energy Standard and Energy Transformation Program * * *

Sec. 1. 30 V.S.A. § 8002 is amended to read:

§ 8002. DEFINITIONS

As used in this chapter:

* * *

(3) "CPI" means the Consumer Price Index for all urban consumers, designated as "CPI-U," in the northeast region, as published by the U.S. Department of Labor, Bureau of Labor Statistics.

* * *

- (6) "Environmental attributes" means the characteristics of a plant that enable the energy it produces to qualify as renewable energy and include any and all benefits of the plant to the environment such as avoided emissions or other impacts to air, water, or soil that may occur through the plant's displacement of a nonrenewable energy source.
- (7) "Existing renewable energy" means renewable energy produced by a plant that came into service prior to or on December 31, 2004 June 30, 2015.

* * *

(13) "New renewable energy" means renewable energy produced by a specific and identifiable plant coming into service after December 31, 2004 June 30, 2015.

- (A) Energy from within a system of generating plants that includes renewable energy shall not constitute new renewable energy, regardless of whether the system includes specific plants that came or come into service after December 31, 2004 June 30, 2015.
- (B) "New renewable energy" also may include the additional energy from an existing renewable energy plant retrofitted with advanced technologies or otherwise operated, modified, or expanded to increase the kWh output of the plant in excess of an historical baseline established by calculating the average output of that plant for the 10-year period that ended December 31, 2004 June 30, 2015. If the production of new renewable energy through changes in operations, modification, or expansion involves combustion of the resource, the system also must result in an incrementally higher level of energy conversion efficiency or significantly reduced emissions.

* * *

- (17) "Renewable energy" means energy produced using a technology that relies on a resource that is being consumed at a harvest rate at or below its natural regeneration rate.
- (A) For purposes of this subdivision (17), methane gas and other flammable gases produced by the decay of sewage treatment plant wastes or landfill wastes and anaerobic digestion of agricultural products, byproducts, or wastes, or of food wastes, shall be considered renewable energy resources, but no other form of solid waste, other than agricultural or silvicultural waste, shall be considered renewable.
- (B) For purposes of this subdivision (17), no form of nuclear fuel shall be considered renewable.
- (C) The only portion of electricity produced by a system of generating resources that shall be considered renewable is that portion generated by a technology that qualifies as renewable under this subdivision (17).
- (D) The Board by rule may add technologies or technology categories to the definition of "renewable energy," provided that technologies using the following fuels shall not be considered renewable energy supplies: coal, oil, propane, and natural gas.
- (E) In this chapter, renewable energy refers to either "existing renewable energy" or "new renewable energy."

* * *

(19) "Retail electricity provider" or "provider" means a company engaged in the distribution or sale of electricity directly to the public.

- (20) "SPEED Standard Offer Facilitator" means an entity appointed by the Board pursuant to subdivision 8005(b)(1) subsection 8005a(a) of this title.
- (21) "SPEED resources" means contracts for resources in the SPEED program established under section 8005 of this title that meet the definition of renewable energy under this section, whether or not environmental attributes are attached. [Repealed.]
- (22) "Tradeable renewable energy credits" means all of the environmental attributes associated with a single unit of energy generated by a renewable energy source where:
- (A) those attributes are transferred or recorded separately from that unit of energy;
- (B) the party claiming ownership of the tradeable renewable energy credits has acquired the exclusive legal ownership of all, and not less than all, the environmental attributes associated with that unit of energy; and
- (C) exclusive legal ownership can be verified through an auditable contract path or pursuant to the system established or authorized by the Board or any program for tracking and verification of the ownership of environmental attributes of energy legally recognized in any state and approved by the Board.

- (24) "Customer" means a retail electric consumer.
- (25) "Energy transformation project" means an undertaking that provides energy-related goods or services but does not include or consist of the generation of electricity and that results in a net reduction in fossil fuel consumption by the customers of a retail electricity provider and in the emission of greenhouse gases attributable to that consumption. Examples of energy transformation projects may include home weatherization or other thermal energy efficiency measures; air source or geothermal heat pumps; high efficiency heating systems; increased use of biofuels; biomass heating systems; support for transportation demand management strategies; support for electric vehicles or related infrastructure; and infrastructure for the storage of renewable energy on the electric grid.
- (26) "RESET Program" means the Renewable Energy Standard and Energy Transformation Program established under sections 8004 and 8005 of this title.
- Sec. 2. 30 V.S.A. § 8004 is amended to read:
- § 8004. RENEWABLE PORTFOLIO STANDARDS FOR SALES OF ELECTRIC ENERGY; RENEWABLE ENERGY STANDARD AND

ENERGY TRANSFORMATION (RESET) PROGRAM

- (a) Except as otherwise provided in section 8005 of this title, in order for Vermont retail electricity providers to achieve the goals established in section 8001 of this title, no Establishment; requirements. The RESET Program is established. Under this program, a retail electricity provider shall not sell or otherwise provide or offer to sell or provide electricity in the State of Vermont without ownership of sufficient energy produced by renewable resources as described in this chapter, energy plants or sufficient tradeable renewable energy credits from plants whose energy is capable of delivery in New England that reflect the required amounts of renewable energy as provided for in subsection (b) of this set forth in section 8005 of this title or without support of energy transformation projects in accordance with that section. In the case of members of the Vermont Public Power Supply Authority, the requirements of this chapter may be met in the aggregate.
- (b) Each retail electricity provider in Vermont shall provide a certain amount of new renewable resources in its portfolio. Subject to subdivision 8005(d)(1) of this title each retail electricity provider in Vermont shall supply an amount of energy equal to its total incremental energy growth between January 1, 2005 and January 1, 2012 through the use of electricity generated by new renewable resources. The A retail electricity provider may meet this requirement the required amounts of renewable energy through eligible new tradeable renewable energy credits, new eligible renewable energy resources with renewable energy credits environmental attributes still attached, or a combination of those credits and resources. No retail electricity provider shall be required to provide in excess of a total of 10 percent of its calendar year 2005 retail electric sales with electricity generated by new renewable resources.
- (c) The requirements of subsection (b) of this section shall apply to all retail electricity providers in this State, unless the retail electricity provider demonstrates and the Board determines that compliance with the standard would impair the provider's ability to meet the public's need for energy services after safety concerns are addressed, at the lowest present value life eyele cost, including environmental and economic costs.
- (d)(b) Rules; procedures. The Board shall provide, by order or rule, adopt the regulations and rules or procedures that are necessary to allow the Board and the Department to implement and supervise further the implementation and maintenance of a renewable portfolio standard the RESET program.
- (c) RECS; banking. The Board shall allow a provider that has met the required amount of renewable energy in a given year, commencing with 2017, to retain tradeable renewable energy credits created or purchased in excess of

that amount for application to the provider's required amount of renewable energy in one of the following three years.

- (e)(d) Alternative compliance payment. In lieu of, or in addition to purchasing renewable energy or tradeable renewable energy credits or supporting energy transformation projects to satisfy the portfolio requirements of this section and section 8005 of this title, a retail electricity provider in this State may pay to the Vermont Clean Energy Development Fund established under section 8015 of this title an amount per kWh as established by the Board an alternative compliance payment at the applicable rate set forth in section 8005. As an alternative, the Board may require any proportion of this amount to be paid to the Energy Conservation Fund established under subsection 209(d) of this title.
- (e) VPPSA members. In the case of members of the Vermont Public Power Supply Authority, the requirements of this chapter may be met in the aggregate.
- (f) Joint efforts. Retail electricity providers may engage in joint efforts to meet one or more categories within the RESET program.
- (f) Before December 30, 2007 and biennially thereafter through December 30, 2013, the Board shall file a report with the Senate Committees on Finance and on Natural Resources and Energy and the House Committees on Commerce and on Natural Resources and Energy. The report shall include the following:
- (1) the total cumulative growth in electric energy usage in Vermont from 2005 through the end of the year that precedes the date on which the report is due;
- (2) a report on the market for tradeable renewable energy credits, including the prices at which credits are being sold;
 - (3) a report on the SPEED program, and any projects using the program;
- (4) a summary of other contracts held or projects developed by Vermont retail electricity providers that are likely to be eligible under the provisions of subsection 8005(d) of this title;
- (5) an estimate of potential effects on rates, economic development, and jobs, if the target established in subsection 8005(d) of this section is met, and if it is not met;
- (6) an assessment of the supply portfolios of Vermont retail electricity providers, and the resources available to meet new supply requirements likely to be triggered by the expiration of major power supply contracts;

- (7) an assessment of the energy efficiency and renewable energy markets and recommendations to the legislature regarding strategies that may be necessary to encourage the use of these resources to help meet upcoming supply requirements;
- (8) any recommendations for statutory change related to this section, including recommendations for rewarding utilities that make substantial investments in SPEED resources; and
- (9) the Board's recommendations on how the State might best continue to meet the goals established in section 8001 of this title, including whether the State should meet its growth in energy usage over the succeeding 10 years by a continuation of the SPEED program.
- Sec. 3. 30 V.S.A. § 8005 is amended to read:
- § 8005. SUSTAINABLY PRICED ENERGY ENTERPRISE DEVELOPMENT (SPEED) PROGRAM; RESET PROGRAM CATEGORIES
- (a) Creation. To achieve the goals of section 8001 of this title, there is created the Sustainably Priced Energy Enterprise Development (SPEED) program.
- (b) Board; powers and duties. The SPEED program shall be established, by rule, order, or contract, by the Board. As part of the SPEED program, the Board may, and in the case of subdivisions (1), (2), and (5) of this subsection, shall:
- (1) Name one or more entities to become engaged in the purchase and resale of electricity generated within the State by means of SPEED resources. An entity appointed under this subdivision shall be known as a SPEED Facilitator.
- (2) Issue standard offers for SPEED resources in accordance with section 8005a of this title.
- (3) Maximize the benefit to rate payers from the sale of tradeable renewable energy credits or other credits that may be developed in the future, especially with regard to those plants that accept the standard offer issued under subdivision (2) of this subsection.
- (4) Encourage retail electricity provider and third party developer sponsorship and partnerships in the development of renewable energy projects.
- (5) In accordance with section 8005a of this section, require all Vermont retail electricity providers to purchase from the SPEED Facilitator the power generated by the plants that accept the standard offer required to be issued

under section 8005a. For the purpose of this subdivision (5), the Board and the SPEED Facilitator constitute instrumentalities of the State.

(6) Establish a method for Vermont retail electrical providers to obtain beneficial ownership of the renewable energy credits associated with any SPEED projects, in the event that a renewable portfolio standard comes into effect under the provisions of section 8004 of this title. It shall be a condition of a standard offer required to be issued under subdivision (2) of this subsection that tradeable renewable energy credits associated with a plant that accepts the standard offer are owned by the retail electric providers purchasing power from the plant, except that in the case of a plant using methane from agricultural operations, the plant owner shall retain such credits to be sold separately at the owner's discretion.

(7) [Repealed.]

- (8) Provide that in any proceeding under subdivision 248(a)(2)(A) of this title for the construction of a renewable energy plant, a demonstration of compliance with subdivision 248(b)(2) of this title, relating to establishing need for the plant, shall not be required if the plant is a SPEED resource and if no part of the plant is financed directly or indirectly through investments, other than power contracts, backed by Vermont electricity ratepayers.
- (9) Take such other measures as the Board finds necessary or appropriate to implement SPEED.
- (c) VEDA; eligible facilities. Developers of in-state SPEED resources shall be entitled to classification as an eligible facility under 10 V.S.A. chapter 12, relating to the Vermont Economic Development Authority.
- (d) Goals and targets. To advance the goals stated in section 8001 of this title, the following goals and targets are established.
- (1) 2012 SPEED goal. The Board shall meet on or before January 1, 2012 and open a proceeding to determine the total amount of SPEED resources that have been supplied to Vermont retail electricity providers or have been issued a certificate of public good. If the Board finds that the amount of SPEED resources coming into service or having been issued a certificate of public good after January 1, 2005 and before July 1, 2012 equals or exceeds total statewide growth in electric retail sales during that time, and in addition, at least five percent of the 2005 total statewide electric retail sales is provided by SPEED resources or would be provided by SPEED resources that have been issued a certificate of public good, or if it finds that the amount of SPEED resources equals or exceeds 10 percent of total statewide electric retail sales for calendar year 2005, the portfolio standards established under this chapter shall not be in force. The Board shall make its determination by January 1, 2013. If

the Board finds that the goal established has not been met, one year after the Board's determination the portfolio standards established under subsection 8004(b) of this title shall take effect.

- (2) 2017 SPEED goal. A State goal is to assure that 20 percent of total statewide electric retail sales during the year commencing January 1, 2017 shall be generated by SPEED resources that constitute new renewable energy. On or before January 31, 2018, the Board shall meet and open a proceeding to determine, for the calendar year 2017, the total amount of SPEED resources that were supplied to Vermont retail electricity providers and the total amount of statewide retail electric sales.
- (3) Determinations. For the purposes of the determinations to be made under subdivisions (1) and (2) of this subsection (d), the total amount of SPEED resources shall be the amount of electricity produced at SPEED resources owned by or under long-term contract to Vermont retail electricity providers that is new renewable energy.
- (a) Categories. This section specifies three categories of required resources to meet the requirements of the RESET Program established in section 8004 of this title: total renewable energy, distributed renewable generation, and energy transformation.

(4)(1) Total renewables targets renewable energy. This

- (A) Purpose; establishment. To encourage the economic and environmental benefits of renewable energy, this subdivision establishes, as percentages of annual electric sales, target for the RESET program, minimum total amounts of total renewable energy within the supply portfolio of each retail electricity provider. To satisfy this requirement, a provider may use renewable energy with environmental attributes attached or any class of tradeable renewable energy credits generated by any renewable energy plant whose energy is capable of delivery in New England.
- (A)(B) Required amounts. The target amounts of total renewable energy established required by this subsection shall be 55 percent of each retail electricity provider's annual retail electric sales during the year beginning on January 1, 2017, increasing by an additional four percent each third January 1 thereafter, until reaching 75 percent on and after January 1, 2032.
- (B) Each retail electricity provider shall manage its supply portfolio to be reasonably consistent with the target amounts established by this subdivision (4). The Board shall consider such consistency during the course of reviewing a retail electricity provider's charges and rates under this title, integrated resource plans under section 218c of this title, and petitions under section 248 (new gas and electric purchases, investments, and facilities) of this

title.

(C) Relationship to other categories. Distributed renewable generation used to meet the requirements of subdivision (2) of this subsection shall also count toward the requirements of this subdivision. However, an energy transformation project under subdivision (3) of this subsection shall not count toward the requirements of this subdivision.

(2) Distributed renewable generation.

- (A) Purpose; establishment. This subsection establishes a distributed renewable generation category for the RESET program. This category encourages the use of distributed generation to support the reliability of the State's electric system; reduce line losses; contribute to avoiding or deferring improvements to that system necessitated by transmission or distribution constraints; and diversify the size and type of resources connected to that system. This category requires the use of renewable energy for these purposes to reduce environmental and health impacts from air emissions that would result from using other forms of generation.
- (B) Definition. As used in this section, "distributed renewable generation" means one of the following:
- (i) a renewable energy plant that is new renewable energy; has a plant capacity of five MW or less; and
- (I) is directly connected to the subtransmission or distribution system of a Vermont retail electricity provider; or
- (II) is directly connected to the transmission system of an electric company required to submit a Transmission System Plan under subsection 218c(d) of this title, if the plant is part of a plan approved by the Board to avoid or defer a transmission system improvement needed to address a transmission system reliability deficiency identified and analyzed in that Plan; or
- (ii) a net metering system approved under the former section 219a or under section 8010 of this title if the system is new renewable energy and the interconnecting retail electricity provider owns and retires the system's environmental attributes.
- (C) Required amounts. The required amounts of distributed renewable generation shall be one percent of each retail electricity provider's annual retail electric sales during the year beginning January 1, 2017, increasing by an additional three-fifths of a percent each subsequent January 1 until reaching 10 percent on and after January 1, 2032.
 - (D) Distributed generation greater than five MW. On petition of a

retail electricity provider, the Board may for a given year allow the provider to employ energy with environmental attributes attached or tradeable renewable energy credits from a renewable energy plant with a plant capacity greater than five MW to satisfy the distributed renewable generation requirement if the plant would qualify as distributed renewable generation but for its plant capacity and the provider demonstrates that it is unable during that year to meet the requirement solely with qualifying renewable energy plants of five MW or less. To demonstrate this inability, the provider shall issue one or more requests for proposals, and show that it is unable to obtain sufficient ownership of environmental attributes to meet its required amount under this subdivision (2) from:

- (i) the construction and interconnection to its system of distributed renewable generation that is consistent with its approved least-cost integrated resource plan under section 218c of this title at a cost less than or equal to the sum of the applicable alternative compliance payment rate and the applicable rates published by the Department under the Board's rules implementing subdivision 209(a)(8) of this title; and
- (ii) purchase of tradeable renewable energy credits for distributed renewable generation at a cost that is less than the applicable alternative compliance rate.

(3) Energy transformation.

- (A) Purpose; establishment. This subsection establishes an energy transformation category for the RESET program. This category encourages Vermont retail electricity providers to support additional distributed renewable generation or to support other projects to reduce fossil fuel consumed by their customers and the emission of greenhouse gases attributable to that consumption. A retail electricity provider may satisfy the energy transformation requirement through distributed renewable generation in addition to the generation used to satisfy subdivision (a)(2) of this section or energy transformation projects or a combination of such generation and projects.
- (B) Required amounts. For the energy transformation category, the required amounts shall be two percent of each retail electricity provider's annual retail electric sales during the year beginning January 1, 2017, increasing by an additional two-thirds of a percent each subsequent January 1 until reaching 12 percent on and after January 1, 2032.
- (C) Eligibility criteria. For an energy transformation project to be eligible under this subdivision (a)(3):
 - (i) implementation of the project shall have commenced on or

after January 1, 2015; and

(ii) the project shall:

- (I) over its life, result in a net reduction in fossil fuel consumed by the provider's customers and in the emission of greenhouse gases attributable to that consumption, whether or not the fuel is supplied by the provider;
- (II) meet the need for its goods or services at the lowest present value life cycle cost, including environmental and economic costs; and
- (III) cost the utility less per MWH than the applicable alternative compliance payment rate.
- (D) Conversion. For the purpose of determining eligibility and the application of the energy transformation project to a provider's annual requirement, the provider shall convert the net reduction in fossil fuel consumption resulting from the energy transformation project to a MWH equivalent of electric energy, in accordance with rules or procedures adopted by the Board. The conversion shall use the most recent year's approximate heat rate for electricity net generation from the total fossil fuels category as reported by the U.S. Energy Information Administration in its Monthly Energy Review. If an energy transformation project is funded by more than one regulated entity, the Board shall prorate the reduction in fossil fuel consumption among the regulated entities. In this subdivision (D), "regulated entity" includes each provider and each efficiency entity appointed under subsection 209(d) of this title.

(E) Other sources.

- (i) A retail electricity provider or a provider's partner may oversee an energy transformation project under this subdivision (3). However, the provider shall deliver the project's goods or services in partnership with persons other than the provider unless exclusive delivery through the provider is more cost-effective than delivery by another person or there is no person other than the provider with the expertise or capability to deliver the goods or services.
- (ii) An energy transformation project may provide incremental support to a program authorized under Vermont statute that meets the eligibility criteria of this subdivision (3) but may take credit only for the additional amount of service supported and shall not take credit for that program's regularly budgeted or approved investments.
- (F) Implementation. To carry out this subdivision (3), the Board shall adopt rules or procedures:

- (i) For the conversion methodology in accordance with subdivision (3)(D) of this subsection (a).
- (ii) To provide a process for prior approval of energy transformation projects by the Board or its designee. This process shall ensure that each of these projects meets the requirements of this subdivision (3) and need not consist of individual review of each energy transformation project prior to implementation as long as the mechanism ensures those requirements are met. An energy transformation project that commenced prior to initial adoption of rules or procedures under this subdivision (F) may seek approval after such adoption.
- (iii) For cost-effectiveness screening of energy transformation projects. This screening shall be consistent with the provisions of this subdivision (3) and, as applicable, the screening tests developed under subsections 209(d) (energy efficiency) and 218c(a) (least-cost integrated planning) of this title.
- (iv) To allow a provider who has met its required amount under this subdivision (3) in a given year to apply excess net reduction in fossil fuel consumption, expressed as a MWH equivalent, from its energy transformation project or projects during that year toward the provider's required amount in a future year.
- (v) To ensure periodic evaluation of an energy transformation project's claimed fossil fuel reductions, avoided greenhouse gas emissions, conversion to MWH equivalent, cost-effectiveness and, if applicable, energy savings, and to ensure annual verification and auditing of a provider's claims regarding project completion and resulting MWH equivalent. Changes to project claims resulting from periodic evaluations shall not reduce retroactively claims made on behalf of a project approved under subdivision (3)(F)(ii) of this subsection (a) or reduce verified claims carried forward under subdivision (3)(F)(iv) of this subsection (a).
- (vi) To ensure that all ratepayers have an equitable opportunity to participate in, and benefit from, energy transformation projects regardless of rate class, income level, or provider service territory.
- (vii) To ensure the coordinated delivery of energy transformation projects with the delivery of similar services, including low-income weatherization programs, entities that fund and support affordable housing, energy efficiency programs delivered under section 209 of this title, and other energy efficiency programs delivered locally or regionally within the State.
- (viii) To ensure that, if an energy transformation project will increase the use of electric energy, the project incorporates best practices for

demand management and will use technologies appropriate for Vermont.

- (ix) To provide a process under which a provider may withdraw from or terminate, in an orderly manner, an ongoing energy transformation project that no longer meets the eligibility criteria because of one or more factors beyond the control of the project and the provider.
- (G) Petitions. On petition of a retail electricity provider in any given year, the Board may:
- (i) reduce the provider's required amount under this subdivision (3) for that year, without penalty or alternative compliance payment, if the Board finds that strict compliance with the required amount for that year will:
 - (I) cause the provider to increase significantly its retail rates; or
- (II) materially impair the provider's ability to meet the public's need for energy services after safety concerns are addressed, in the manner set forth in subdivision 218c(a)(1) (least-cost integrated planning) of this title; or
- (ii) allow a provider who failed to achieve the required amount under this subdivision (3) during the preceding year to avoid paying the alternative compliance payment if the Board:
- (I) finds that the provider made a good faith effort to achieve the required amount and its failure to achieve that amount resulted from market factors beyond its control; and
- (II) directs that the provider add the difference between the required amount and the provider's actually achieved amount for that year to its required amount for one or more future years.
 - (4) Alternative compliance rates.
- (A) The alternative compliance payment rates for the categories established by this subsection (a) shall be:
 - (i) total renewable energy requirement \$0.01 per kWh; and
- (ii) distributed renewable generation and energy transformation requirements \$0.06 per kWh.
- (B) The Board shall adjust these rates for inflation annually commencing January 1, 2018, using the CPI.
 - (b) Reduced amounts; providers; 100 percent renewable.
- (1) The provisions of this subsection shall apply to a retail electricity provider that:
 - (A) as of January 1, 2015, was entitled, through contract, ownership

- of energy produced by its own generation plants, or both, to an amount of renewable energy equal to or more than 100 percent of its anticipated total retail electric sales in 2017, regardless of whether the provider owned the environmental attributes of that renewable energy; and
- (B) commencing on January 1, 2017, owns and has retired tradeable renewable energy credits monitored and traded on the New England Generation Information System or otherwise approved by the Board equivalent to 100 percent of the provider's total retail sales of electricity, calculated as an average on an annual basis.
- (2) A provider meeting the requirements of subdivision (1) of this subsection may:
- (A) satisfy the distributed renewable generation requirement of this section by accepting net metering systems within its service territory pursuant to the provisions of this title that govern net metering; and
- (B) if the Board has appointed the provider as an energy efficiency entity under subsection 209(d) of this title, propose to the Board to reduce the energy transformation requirement that would otherwise apply to the provider under this section.
- (i) The provider may make and the Board may review such a proposal in connection with a periodic submission made by the provider pursuant to its appointment under subsection 209(d) of this title.
- (ii) The Board may approve a proposal under this subdivision (B) if it finds that:
- (I) the energy transformation requirement that would otherwise apply under this section exceeds the achievable potential for cost-effective energy transformation projects in the provider's service territory that meet the eligibility criteria for these projects under this section; and
- (II) the reduced energy transformation requirement proposed by the provider is not less than the amount sufficient to ensure the provider's deployment or support of energy transformation projects that will acquire that achievable potential.
- (iii) The measure of cost-effectiveness under this subdivision (B) shall be the alternative compliance payment rate established in this section for the energy transformation requirement.

(c) Biomass.

(1) Distributed renewable generation that employs biomass to produce electricity shall be eligible to count toward a provider's distributed renewable

generation or energy transformation requirement only if the plant produces both electricity and thermal energy from the same biomass fuel and the majority of the energy recovered from the plant is thermal energy.

- (2) Distributed renewable generation and energy transformation projects that employ forest biomass to produce energy shall comply with renewability standards adopted by the Commissioner of Forests, Parks and Recreation under 10 V.S.A. § 2751.
- (d) Hydropower. A hydroelectric renewable energy plant shall be eligible to satisfy the distributed renewable generation or energy transformation requirement only if, in addition to meeting the definition of distributed renewable generation, the plant:
- (1) is and continues to be certified by the Low-impact Hydropower Institute of Portland, Maine; or
- (2) after January 1, 1987, received a water quality certification pursuant to 33 U.S.C. § 1341 from the Agency of Natural Resources.
- (e) Regulations and procedures. The Board shall provide, by order or rule, the regulations and procedures that are necessary to allow the Board and the Department to implement, and to supervise further the implementation and maintenance of the SPEED program. These rules shall assure that decisions with respect to certificate of public good applications for construction of SPEED resources shall be made in a timely manner.
- (f) Preapproval. In order to encourage joint efforts on the part of regulated companies to purchase power that meets or exceeds the SPEED standards and to secure stable, long-term contracts beneficial to Vermonters, the Board may establish standards for pre approving the recovery of costs incurred on a SPEED project that is the subject of that joint effort.
- (g) State; nonliability. The State and its instrumentalities shall not be liable to a plant owner or retail electricity provider with respect to any matter related to SPEED, including costs associated with a standard offer contract under this section or section 8005a of this title or any damages arising from breach of such a contract, the flow of power between a plant and the electric grid, or the interconnection of a plant to that grid.

(h)-(n) [Repealed.]

Sec. 4. 30 V.S.A. § 8005a is amended to read:

§ 8005a. SPEED; STANDARD OFFER PROGRAM

(a) Establishment. A standard offer program is established within the SPEED program. To achieve the goals of section 8001 of this title, the Board

shall issue standard offers for renewable energy plants that meet the eligibility requirements of this section. The Board shall implement these standard offers through the SPEED facilitator by rule, order, or contract and shall appoint a Standard Offer Facilitator to assist in this implementation. For the purpose of this section, the Board and the Standard Offer Facilitator constitute instrumentalities of the State.

- (k) Executed standard offer contracts; transferability; allocation of benefits and costs. With respect to executed contracts for standard offers under this section:
- (1) A contract shall be transferable. The contract transferee shall notify the SPEED Standard Offer Facilitator of the contract transfer within 30 days of transfer.
- (2) The SPEED Standard Offer Facilitator shall distribute the electricity purchased to the Vermont retail electricity providers at the price paid to the plant owners, allocated to the providers based on their pro rata share of total Vermont retail kWh sales for the previous calendar year, and the Vermont retail electricity providers shall accept and pay the SPEED Standard Offer Facilitator for the electricity. However, during any given calendar year:
- (A) Calculation of pro rata shares under this subdivision (2) shall include an adjustment in the allocation to a provider if one or more of the provider's customers created greenhouse gas reduction credits under section 8006a of this title that are used to reduce the size of the annual increase under subdivision (c)(1)(C)(adjustment; greenhouse gas reduction credits) of this section. The adjustment shall ensure that any and all benefits or costs from the use of such credits flow to the provider whose customers created the credits. The savings that a provider realizes as a result of this application of greenhouse gas reduction credits shall be passed on proportionally to the customers that created the credits.
- (B) A retail electricity provider shall be exempt and wholly relieved from the requirements of this subdivision and subdivision 8005(b)(5) (requirement to purchase standard offer power) of this title if, during the immediately preceding 12-month period ending October 31, the amount of renewable energy supplied to the provider by generation owned by or under contract to the provider, regardless of whether the provider owned the energy's environmental attributes, was not less than the amount of energy sold by the provider to its retail customers.
- (3) The <u>SPEED</u> <u>Standard Offer</u> Facilitator shall transfer the environmental attributes, including any tradeable renewable energy credits, of

electricity purchased under standard offer contracts to the Vermont retail electricity providers in accordance with their pro rata share of the costs for such electricity as determined under subdivision (2) of this subsection (k), except that in the case of a plant using methane from agricultural operations, the plant owner shall retain such attributes and credits to be sold separately at the owner's discretion. It shall be a condition of a standard offer issued under this section that tradeable renewable energy credits associated with a plant that accepts the standard offer are owned by the retail electricity providers purchasing power from the plant, except in the case of a plant using methane from agricultural operations.

- (4) The SPEED Standard Offer Facilitator shall transfer all capacity rights attributable to the plant capacity associated with the electricity purchased under standard offer contracts to the Vermont retail electricity providers in accordance with their pro rata share of the costs for such electricity as determined under subdivision (2) of this subsection (k).
- (5) All reasonable costs of a Vermont retail electricity provider incurred under this subsection shall be included in the provider's revenue requirement for purposes of ratemaking under sections 218, 218d, 225, and 227 of this title. In including such costs, the Board shall appropriately account for any credits received under subdivisions (3) and (4) of this subsection (k). Costs included in a retail electricity provider's revenue requirement under this subdivision (5) shall be allocated to the provider's ratepayers as directed by the board Board.
- (l) <u>SPEED Standard Offer</u> Facilitator; expenses; payments. With respect to standard offers under this section, the Board shall by rule or order:
- (1) <u>Determine</u> <u>determine</u> a <u>SPEED</u> <u>Standard Offer</u> Facilitator's reasonable expenses arising from its role and the allocation of the expenses among plant owners and Vermont retail electricity providers:
- (2) Determine determine the manner and timing of payments by a SPEED Standard Offer Facilitator to plant owners for energy purchased under an executed contract for a standard offer-;
- (3) <u>Determine</u> <u>determine</u> the manner and timing of payments to the <u>SPEED Standard Offer</u> Facilitator by the Vermont retail electricity providers for energy distributed to them under executed contracts for standard offers-;
- (4) Establish establish reporting requirements of a SPEED Standard Offer Facilitator, a plant owner, and a Vermont retail electricity provider.

* * *

(n) Wood biomass. Wood In addition to the other requirements of this section, wood biomass resources that would otherwise constitute qualifying

SPEED resources may receive a standard offer under this section only if they have a design system efficiency (the sum of full load design thermal output and electric output divided by the heat input) of at least 50 percent.

* * *

- (q) Allocation of regulatory costs. The Board and Department may authorize or retain legal counsel, official stenographers, expert witnesses, advisors, temporary employees, and research services in conjunction with implementing their responsibilities under this section. In lieu of allocating such costs pursuant to subsection 21(a) of this title, the Board or Department may allocate the expense in the same manner as the SPEED Standard Offer Facilitator's costs under subdivision (l)(1) of this section.
- (r) State; nonliability. The State and its instrumentalities shall not be liable to a plant owner or retail electricity provider with respect to any matter related to the standard offer program, including costs associated with a standard offer contract or any damages arising from the breach of such a contract, the flow of power between a plant and the electric grid, or the interconnection of a plant to that grid.

Sec. 5. INTENT; AMENDMENT OF 30 V.S.A. § 8005a

The General Assembly's intent in the amendments to 30 V.S.A. § 8005a set forth in Sec. 4 of this act is to clarify the text because of the repeal of the Sustainably Priced Energy Enterprise Development Program in Sec. 3 of this act and to move provisions relating to the standard offer program from 30 V.S.A. § 8005 into section 8005a. The General Assembly does not intend any provision of this act to be interpreted as a substantive change to the standard offer program. The Standard Offer Facilitator described in Sec. 4 of this act shall be the successor to the SPEED Facilitator under 30 V.S.A. §§ 8005 and 8005a as they existed prior to this act.

Sec. 6. 30 V.S.A. § 8005b is amended to read:

\S 8005b. RENEWABLE ENERGY PROGRAMS; BIENNIAL REPORT REPORTS

- (a) On or before January 15, 2013 and no later than every second January 15 thereafter through January 15, 2033, the Board The Department shall file a report reports with the General Assembly in accordance with this section. The Board shall prepare the report in consultation with the Department.
- (1) The House Committee on Commerce and Economic Development, the Senate Committee on Finance, and the House and Senate Committees on Natural Resources and Energy each shall receive a copy of

these reports.

- (2) The Department shall file the report under subsection (b) of this section annually each January 15 commencing in 2018 through 2033.
- (3) The Department shall file the report under subsection (c) of this section biennially each March 1 commencing in 2017 through 2033.
- (4) The provisions of 2 V.S.A. § 20(d) (expiration of required reports) shall not apply to the reports to be made under this section.
- (b) The annual report under this section shall include at least each of the following:
- (1) An assessment of the costs and benefits of the RESET Program based on the most current available data, including rate and economic impacts, customer savings, technology deployment, greenhouse gas emission reductions actually achieved, fuel price stability, and effect on transmission and distribution upgrade costs, and any recommended changes based on this assessment.
- (2) An assessment of whether the requirements of the RESET Program have been met to date, and any recommended changes needed to achieve those requirements.
- (c) The <u>biennial</u> report under this section shall include at least each of the following:
- (1) The retail sales, in kWh, of electricity in Vermont during the <u>two</u> preceding calendar <u>year years</u>. The report shall include the statewide total and the total sold by each retail electricity provider.
- (2) The amount of SPEED resources Commencing with the report to be filed in 2019, each retail electricity provider's required amount of renewable energy during the two preceding calendar years for each category of the RESET Program as set forth in section 8005 of this title.
- (3) For the two preceding calendar years, the amounts of renewable energy and tradeable renewable energy credits eligible to satisfy the requirements of sections 8004 and 8005 of this title actually owned by the Vermont retail electricity providers, expressed as a percentage of retail kWh sales. The report shall include the statewide total and the total owned by each retail electricity provider for each of these amounts and shall discuss the progress of each provider toward achieving the goals and targets of subsection 8005(d)(SPEED) each of the categories set forth in section 8005 of this title. The report to be filed under this subsection on or before January 15, 2019 shall discuss and attach the Board's determination under subdivision 8005(d)(2)(2017 SPEED goal) of this title. The report shall summarize the

energy transformation projects undertaken pursuant to section 8005 of this title, their costs and benefits, their claimed avoided fossil fuel consumption and greenhouse gas emissions, and, if applicable, claimed energy savings.

- (3) A summary of the activities of the SPEED program under section 8005 of this title, including the name, location, plant capacity, and average annual energy generation, of each SPEED resource within the program.
- (4) A summary of the activities of the standard offer program under section 8005a of this title, including the number of plants participating in the program, the prices paid by the program, and the plant capacity and average annual energy generation of the participating plants. The report shall present this information as totals for all participating plants and by category of renewable energy technology. The report also shall identify the number of applications received, the number of participating plants under contract, and the number of participating plants actually in service.
- (5) An assessment of the energy efficiency and renewable energy markets and recommendations to the General Assembly regarding strategies that may be necessary to encourage the use of these resources to help meet upcoming supply requirements.
- (6) An assessment of whether Vermont retail electric rates are rising faster than inflation as measured by the CPI, and a comparison of Vermont's electric rates with electric rates in other New England states and in New York. If statewide average rates have risen more than 0.2 percentage points per year faster than inflation over the preceding two or more years, the report shall include an assessment of the contributions to rate increases from various sources, such as the costs of energy and capacity, costs due to construction of transmission and distribution infrastructure, and costs due to compliance with the requirements of sections 8004 and 8005 (RESET program) and section 8005a (SPEED program; standard offer) of this title. Specific consideration shall be given to the price of renewable energy and the diversity, reliability, availability, dispatch flexibility, and full life cycle cost, including environmental benefits and greenhouse gas reductions, on a net present value basis of renewable energy resources available from suppliers. The report shall include any recommendations for statutory change that arise from this assessment. If electric rates have increased primarily due to cost increases attributable to nonrenewable sources of electricity or to the electric transmission or distribution systems, the report shall include a recommendation regarding whether to increase the size of the annual increase described in subdivision 8005a(c)(1)(standard offer; cumulative capacity; pace) of this title.
- (7)(A) An Commencing with the report to be filed in 2019, an assessment of whether strict compliance with the requirements of sections

8004 and 8005 (RESET program) and section 8005a (SPEED program; standard offer) of this title:

- (i) has caused one or more providers to raise its retail rates faster over the preceding two or more years than statewide average retail rates have risen over the same time period;
- (ii) will cause retail rate increases particular to one or more providers; or
- (iii) will impair the ability of one or more providers to meet the public's need for energy services in the manner set forth under subdivision 218c(a)(1) of this title (least-cost integrated planning).
- (B) Based on this assessment, consideration of whether statutory changes should be made to grant providers additional flexibility in meeting requirements of sections 8004 and 8005 or section 8005a of this title.
- (8) Any recommendations for statutory change related to sections <u>8004</u>, 8005, and 8005a of this title.
- (d) During the preparation of reports under this section, the Department shall provide an opportunity for the public to submit relevant information and recommendations.
- Sec. 7. 30 V.S.A. § 8006 is amended to read:

§ 8006. TRADEABLE CREDITS; ENVIRONMENTAL ATTRIBUTES; RECOGNITION, MONITORING, AND DISCLOSURE

- (a) The Board shall establish or adopt a system of tradeable renewable energy credits for renewable resources that may be earned by electric generation qualifying for the renewables portfolio standard RESET Program. The system shall be designed to recognize tradeable renewable energy credits monitored and traded on the New England Generation Information System (GIS); shall provide a process for the recognition, approval, and monitoring of environmental attributes attached to renewable energy that are eligible to satisfy the requirements of sections 8004 and 8005 of this title but are not monitored and traded on the GIS; and shall otherwise be consistent with regional practices.
- (b) The Board shall ensure that all electricity provider and provider-affiliate disclosures and representations made with regard to a provider's portfolio are accurate and reasonably supported by objective data. Further, the Board shall ensure that providers disclose the types of generation used and whether the energy is Vermont based, and shall clearly distinguish between energy or tradeable energy credits provided from renewable and nonrenewable energy sources and existing and new sources renewable energy.

Sec. 8. PUBLIC SERVICE BOARD RULEMAKING

- (a) On or before August 1, 2015, the Public Service Board (the Board) shall commence a rulemaking proceeding to adopt initial rules to implement Secs. 2 (sales of electric energy; RESET Program), 3 (RESET Program categories), and 7 (tradeable renewable energy credits) of this act.
- (b) On or before April 1, 2016, the Board shall submit final proposed rules under this section to the Secretary of State and the Legislative Committee on Administrative Rules pursuant to 3 V.S.A. § 841.
- (c) On or before July 1, 2016, the Board shall finally adopt initial rules to implement Secs. 2, 3, and 7 of this act to take effect on January 1, 2017. If the Board is unable to finally adopt these rules by July 1, 2016, the Board may issue an order by that date stating the requirements of the initial rules for the RESET program to take effect on January 1, 2017, if that order is followed by final adoption of those initial rules for this program prior to January 1, 2017. Initial rules finally adopted under this subsection (c) shall not be subject to the requirement of 3 V.S.A. § 843(c) to finally adopt rules within eight months of the initial filing.
- (d) The Board and the Department of Public Service may retain experts and other personnel to assist them with the rulemaking under this section and allocate the costs of these personnel to the electric distribution utilities in accordance with the process under 30 V.S.A. § 21.

* * * Harvesting and Procurement * * *

Sec. 9. 10 V.S.A. § 2751 is added to read:

§ 2751. BIOMASS RENEWABILITY STANDARDS; RESET

PROGRAM

- (a) Definitions. As used in this section:
- (1) "Commissioner" means the Commissioner of Forests, Parks and Recreation.
- (2) "Distributed renewable generation" shall have the same meaning as in 30 V.S.A. § 8005.
- (3) "Energy transformation project" shall have the same meaning as in 30 V.S.A. § 8002.
- (4) "Renewability" means capable of being replaced by natural ecological processes or sound management practices.
- (5) "RESET Program" shall have the same meaning as in 30 V.S.A. § 8002.

(b) Rules. The Commissioner shall adopt rules that set renewability standards for forest products used to generate energy by distributed renewable generation and energy transformation projects within the RESET Program. The Commissioner shall design the standards to ensure long-term forest health and sustainability. These standards may include minimum efficiency requirements for wood boilers and requirements for harvesting and procurement. In developing these rules, the Commissioner shall consider differentiating the standards by type of forest product and scale of forest product consumption.

Sec. 10. FOREST, PARKS AND RECREATION RULEMAKING

On or before July 1, 2016, the Commissioner of Forests, Parks and Recreation shall adopt initial rules under 10 V.S.A. § 2751.

* * * Environmental Attributes, Net Metering Systems * * *

Sec. 11. 30 V.S.A. § 219a(h) is amended to read:

(h)(1) An electric company:

* * *

(I) At the option of a net metering customer of the company, may Shall receive ownership of the environmental attributes of electricity generated by the customer's net metering system, including ownership of any associated tradeable renewable energy credits, unless at the time of application for the system the customer elects not to transfer ownership of those attributes to the company. If a customer elects this option, the The company shall retain ownership of and shall retire the attributes and credits received from the customer its net metering customers, which shall apply toward compliance with any statutes enacted or rules adopted by the State requiring the company to own the environmental attributes of renewable energy sections 8004 and 8005 of this title.

* * *

Sec. 12. 30 V.S.A. § 8010(c) is amended to read:

- (c) In accordance with this section, the Board shall adopt and implement rules that govern the installation and operation of net metering systems.
 - (1) The rules shall establish and maintain a net metering program that:

- (F) balances, over time, the pace of deployment and cost of the program with the program's impact on rates; and
 - (G) accounts for changes over time in the cost of technology; and

- (H) allows a customer to retain ownership of the environmental attributes of energy generated by the customer's net metering system and of any associated tradeable renewable energy credits or to transfer those attributes and credits to the interconnecting retail provider, and:
- (i) if the customer retains the attributes, reduces the value of the credit provided under this section for electricity generated by the customer's net metering system by an appropriate amount; and
- (ii) if the customer transfers the attributes to the interconnecting provider, requires the provider to retain them for application toward compliance with sections 8004 and 8005 of this title.
 - (2) The rules shall include provisions that govern:

* * *

- (E) the formation of group net metering systems, the resolution of disputes between group net metering customers and the interconnecting provider, and the billing, crediting, and disconnection of group net metering customers by the interconnecting provider; and
- (F) the amount of the credit to be assigned to each kWh of electricity generated by a net metering customer in excess of the electricity supplied by the interconnecting provider to the customer, the manner in which the customer's credit will be applied on the customer's bill, and the period during which a net metering customer must use the credit, after which the credit shall revert to the interconnecting provider; and
- (G) the ownership and transfer of the environmental attributes of energy generated by net metering systems and of any associated tradeable renewable energy credits. When assigning an amount of credit under this subdivision (F), the Board shall consider making multiple lengths of time available over which a customer may take a credit and differentiating the amount according to the length of time chosen. For example, a credit amount may be higher if taken over 10 years and lower if taken over 20 years. Factors relevant to this consideration shall include the customer's ability to finance the net metering system, the cost of that financing, and the net present value to all ratepayers of the net metering program.

* * *

- * * * Clean Energy Development Fund * * *
- Sec. 13. 30 V.S.A. § 8015 is amended to read:
- § 8015. VERMONT CLEAN ENERGY DEVELOPMENT FUND

(d) Expenditures authorized.

* * *

- (3) A grant in lieu of a solar energy tax credit in accordance with 32 V.S.A. § 5930z(f). Of any Fund monies unencumbered by such grants, the first \$2.3 million shall fund the Small scale Renewable Energy Incentive Program described in subdivision (1)(E)(ii) of this subsection.
- (4) A sum equal to the cost for the 2010 and preceding tax years of the business solar energy income tax credits authorized in 32 V.S.A. §§ 5822(d) and 5930z(a), net of any such costs for which a transfer has already been made under this subdivision and of the cost of any credits in lieu of which the taxpayer elects to receive a grant, shall be transferred from the Clean Energy Development Fund to the General Fund. Notwithstanding any contrary provision of this section, the Clean Energy Development Fund shall use all of the monies from alternative compliance payments under sections 8004 and 8005 of this title for projects that meet the definition of "energy transformation project" under section 8002 of this title and the eligibility criteria for those projects under section 8005 of this title. The Fund shall implement projects in the service territory of the retail electricity provider or providers making the alternative compliance payments used to support the projects and, in the case of a project delivered in more than one territory, shall prorate service delivery according to each provider's contribution. A provider shall not count, toward its required amount under the energy transformation category of section 8005 of this title, support provided by the Fund for an energy transformation project.

* * *

* * * Other Provisions * * *

Sec. 14. 10 V.S.A. § 212(6)(M) is amended to read:

(M) Sustainably Priced Energy Enterprise Development (SPEED) resources a renewable energy plant, as defined in 30 V.S.A. § 8002, if the construction of the plant requires a certificate of public good under 30 V.S.A. § 248 and all or part of the electricity generated by the plant will be under contract to a Vermont electric distribution utility;

Sec. 15. 30 V.S.A. § 209(j) is amended to read:

(j) Self-managed energy efficiency programs.

- (4) All of the following shall apply to a class of programs under this subsection:
 - (A) A member of the transmission or industrial electric rate classes

shall be eligible to apply to participate in the self-managed energy efficiency program class if the charges to the applicant, or to its predecessor in interest at the served property, under subdivision (d)(3) of this section were a minimum of \$1.5 million during calendar year 2008.

* * *

Sec. 16. 30 V.S.A. § 218(f) is amended to read:

- (f) Regulatory incentives for renewable generation.
- (1) Notwithstanding any other provision of law, an electric distribution utility subject to rate regulation under this chapter shall be entitled to recover in rates its prudently incurred costs in applying for and seeking any certificate, permit, or other regulatory approval issued or to be issued by federal, State, or local government for the construction of new renewable energy to be sited in Vermont, regardless of whether the certificate, permit, or other regulatory approval ultimately is granted.
- (2) The Board is authorized to provide to an electric distribution utility subject to rate regulation under this chapter an incentive rate of return on equity or other reasonable incentive on any capital investment made by such utility in a renewable energy generation facility sited in Vermont.
- (3) To encourage joint efforts on the part of electric distribution utilities to support renewable energy and to secure stable, long-term contracts beneficial to Vermonters, the Board may establish standards for preapproving the recovery of costs incurred on a renewable energy plant that is the subject of that joint effort, if the construction of the plant requires a certificate of public good under section 248 of this title and all or part of the electricity generated by the plant will be under contract to the utilities involved in that joint effort.
- (4) For the purpose of <u>In</u> this subsection, <u>"plant,"</u> "renewable energy," and "new renewable energy" shall be as defined in section 8002 of this title.

Sec. 17. 30 V.S.A. § 218c(b) is amended to read:

(b) Each regulated electric or gas company shall prepare and implement a least cost integrated plan for the provision of energy services to its Vermont customers. At least every third year on a schedule directed by the Public Service Board, each such company shall submit a proposed plan to the Department of Public Service and the Public Service Board. The Board, after notice and opportunity for hearing, may approve a company's least cost integrated plan if it determines that the company's plan complies with the requirements of subdivision (a)(1) of this section and is reasonably consistent with achieving the goals and targets of subsection 8005(d)(2017 SPEED goal; total renewables targets) of sections 8004 and 8005 of this title.

Sec. 18. 30 V.S.A. § 219a(m) and (n) are amended to read:

- (m)(1) A facility for the generation of electricity to be consumed primarily by the Military Department established under 3 V.S.A. § 212 and 20 V.S.A. § 361(a) or the National Guard as defined in 32 U.S.C. § 101(3), and installed on property of the Military Department or National Guard located in Vermont, shall be considered a net metering system for purposes of this section if it has a capacity of 2.2 MW or less and meets the provisions of subdivisions (a)(6)(B)-(D) of this section.
- (2) If the interconnecting electric company agrees, a solar facility or group of solar facilities for the generation of electricity, to be installed by <u>or on behalf of</u> one or more municipalities on a closed landfill, shall be considered a net metering system for purposes of this section if the facility or group of facilities has a total capacity of 5 MW or less and meets the provisions of subdivisions (a)(6)(B)-(D) of this section. The facilities or group of facilities may serve as a group net metering system that includes and is limited to each participating municipality. In this subdivision (2), "municipality" shall have the same meaning as under 24 V.S.A. § 4551.

* * *

(n) As a pilot project, an An electric cooperative under chapter 81 of this title may construct engage in a pilot project involving a solar generation facility or group of solar generation facilities to produce power to be consumed by the company or its customers and to be installed on land owned or leased by the company.

* * *

(3) Under this pilot project, the electric cooperative may seek siting approval for the A facility or group of facilities participating in this pilot project may seek siting approval pursuant to the Board's order issued under subsection 8007(b) of this title, notwithstanding that subsection's limitation to plants with a plant capacity greater than 150 kW and 2.2 MW or less.

* * *

Sec. 19. 30 V.S.A. § 248(b) is amended to read:

(b) Before the Public Service Board issues a certificate of public good as required under subsection (a) of this section, it shall find that the purchase, investment or construction:

- (9) with respect to a waste to energy facility;
 - (A) is included in a solid waste management plan adopted pursuant to

- 24 V.S.A. § 2202a, which is consistent with the State Solid Waste Management Plan; and
- (B) is included in a solid waste management plan adopted pursuant to 24 V.S.A. § 2202a for the municipality and solid waste district from which a substantial portion of the waste is to originate, if that municipality or district already beneficially uses a portion of the waste;
- Sec. 20. 30 V.S.A. § 248(r) is added to read:
- (r) The Board may provide that in any proceeding under subdivision (a)(2)(A) of this section for the construction of a renewable energy plant, a demonstration of compliance with subdivision (b)(2) of this section, relating to establishing need for the plant, shall not be required if all or part of the electricity to be generated by the plant is under contract to one or more Vermont electric distribution companies and if no part of the plant is financed directly or indirectly through investments, other than power contracts, backed by Vermont electricity ratepayers. In this subsection, "plant" and "renewable energy" shall be as defined in section 8002 of this title.
- Sec. 21. 30 V.S.A. § 8001(b) is amended to read:
- (b) The Board shall provide, by order or rule, adopt the regulations rules and procedures that are necessary to allow the Board and the Department to implement and supervise programs pursuant to subchapter 1 of this chapter.
 - * * * Technical Amendments * * *

Sec. 22. 30 V.S.A. § 2(g) is amended to read:

(g) In all forums affecting policy and decision making for the New England region's electric system, including matters before the Federal Energy Regulatory Commission and the Independent System Operator of New England, the Department of Public Service shall advance positions that are consistent with the statutory policies and goals set forth in 10 V.S.A. §§ 578, 580, and 581 and sections 202a, 8001, 8004, and 8005 of this title. In those forums, the Department also shall advance positions that avoid or minimize adverse consequences to Vermont and its ratepayers from regional and inter-regional cost allocation for transmission projects. This subsection shall not compel the Department to initiate or participate in litigation and shall not preclude the Department from entering into agreements that represent a reasonable advance to these statutory policies and goals.

Sec. 23. 30 V.S.A. § 219a(e)(3)(C) is amended to read:

(C) Any accumulated credits shall be used within 12 months, or shall revert to the electric company, without any compensation to the customer. Power reverting to the electric company under this subdivision (3) shall be

considered SPEED resources under section 8005 of this title.

Sec. 24. REPEAL

- 30 V.S.A. § 219b(a)(5) (net metering systems; SPEED resources) is repealed.
- Sec. 25. CONFORMING AMENDMENTS; RENEWABLE ENERGY DEFINITIONS
- (a) In 2014 Acts and Resolves No. 99, Sec. 3, in 30 V.S.A. § 8002(8) (existing renewable energy) and (17) (new renewable energy), each occurrence of "December 31, 2004" is amended to "June 30, 2015." The Office of Legislative Council shall implement these amendments during statutory revision.
 - (b) 2014 Acts and Resolves No. 99, Sec. 3 is amended to read:
 - Sec. 3. 30 V.S.A. § 8002 is amended to read:

§ 8002. DEFINITIONS

As used in this chapter:

* * *

- (21) "Renewable energy" means energy produced using a technology that relies on a resource that is being consumed at a harvest rate at or below its natural regeneration rate.
- (A) For purposes of this subdivision (21), methane gas and other flammable gases produced by the decay of sewage treatment plant wastes or landfill wastes and anaerobic digestion of agricultural products, byproducts, or wastes, or of food wastes shall be considered renewable energy resources, but no other form of solid waste, other than agricultural or silvicultural waste, shall be considered renewable.

* * *

- (24) "SPEED Standard Offer Facilitator" means an entity appointed by the Board pursuant to subdivision 8005(b)(1) subsection 8005a(a) of this title.
- (25) "SPEED resources" means contracts for resources in the SPEED program established under section 8005 of this title that meet the definition of renewable energy under this section, whether or not environmental attributes are attached. [Repealed.]

* * *

(28) "Energy transformation project" means an undertaking that provides energy-related goods or services but does not include or consist of the

generation of electricity and that results in a net reduction in fossil fuel consumption by the customers of a retail electricity provider and in the emission of greenhouse gases attributable to that consumption. Examples of energy transformation projects may include home weatherization or other thermal energy efficiency measures; air source or geothermal heat pumps; high efficiency heating systems; increased use of biofuels; biomass heating systems; support for transportation demand management strategies; support for electric vehicles or related infrastructure; and infrastructure for the storage of renewable energy on the electric grid.

(29) "RESET Program" means the Renewable Energy Standard and Energy Transformation Program established under sections 8004 and 8005 of this title.

Sec. 26. 30 V.S.A. § 8009 is amended to read:

§ 8009. BASELOAD RENEWABLE POWER PORTFOLIO REQUIREMENT

* * *

- (f) With respect to a plant used to satisfy the baseload renewable power portfolio requirement:
- (1) The <u>SPEED Standard Offer</u> Facilitator shall purchase the baseload renewable power, and <u>shall allocate</u> the electricity purchased and any associated costs <u>shall be allocated by the SPEED Facilitator</u> to the Vermont retail electricity providers based on their pro rata share of total Vermont retail kWh sales for the previous calendar year, and the Vermont retail electricity providers shall accept and pay those costs.

* * *

(i) The State and its instrumentalities shall not be liable to a plant owner or retail electricity provider with respect to any matter related to the baseload renewable power portfolio requirement or a plant used to satisfy such requirement, including costs associated with a contract related to such a plant or any damages arising from the breach of such a contract, the flow of power between a plant and the electric grid, or the interconnection of a plant to that grid. For the purpose of this section, the Board and the SPEED Standard Offer Facilitator constitute instrumentalities of the State.

* * * Severability and Effective Dates * * *

Sec. 27. SEVERABILITY

The provisions of this act are severable. If any provision of this act is invalid, or if any application of this act to any person or circumstance is

invalid, the invalidity shall not affect other provisions or applications which can be given effect without the invalid provision or application.

Sec. 28. EFFECTIVE DATES

- (a) This section and Secs. 8 (Public Service Board rulemaking), 10 (Forests, Parks and Recreation rulemaking), 18 (net metering pilot project), and 27 (severability) shall take effect on passage. Notwithstanding 1 V.S.A. § 214, Sec. 18 shall apply to facilities for which an application for a certificate of public good is pending as of its effective date.
- (b) Secs. 1 through 7, 9, 11, 13 through 17, and 19 through 26 shall take effect on July 1, 2015. Sec. 11 (net metering systems; environmental attributes) shall not apply to complete applications filed prior to its effective date.
- (c) Sec. 12 (net metering systems; environmental attributes) shall amend 30 V.S.A. § 8010 as added effective January 1, 2017 by 2014 Acts and Resolves No. 99, Sec. 4. Sec. 12 shall take effect on January 2, 2017, except that, notwithstanding 1 V.S.A. § 214, the section shall apply to the Public Service Board process under 2014 Acts and Resolves No. 99, Sec. 5.

(Committee Vote: 10-1-0)

Rep. Masland of Thetford, for the Committee on **Ways & Means,** recommends the bill ought to pass when amended as recommended by the Committee on **Natural Resources & Energy** and when further amended as follows:

First: After Sec. 14, by inserting Secs. 14a and 14b to read:

Sec. 14a. 30 V.S.A. § 209(d) is amended to read:

(d) Energy efficiency.

* * *

(3) Energy efficiency charge; regulated fuels. In addition to its existing authority, the Board may establish by order or rule a volumetric charge to customers for the support of energy efficiency programs that meet the requirements of section 218c of this title. The charge shall be known as the energy efficiency charge, shall be shown separately on each customer's bill, and shall be paid to a fund administrator appointed by the Board and deposited into an Electric Efficiency Fund. When such a charge is shown, notice as to how to obtain information about energy efficiency programs approved under this section shall be provided in a manner directed by the Board. This notice shall include, at a minimum, a toll-free telephone number, and to the extent feasible shall be on the customer's bill and near the energy efficiency charge.

- (A) Balances in the Electric Efficiency Fund shall be ratepayer funds, shall be used to support the activities authorized in this subdivision, and shall be carried forward and remain in the Fund at the end of each fiscal year. These monies shall not be available to meet the general obligations of the State. Interest earned shall remain in the Fund. The Board will annually provide the General Assembly with a report detailing the revenues collected and the expenditures made for energy efficiency programs under this section. The provisions of 2 V.S.A. § 20(d) (expiration of required reports) shall not apply to the report to be made under this subsection.
- (B) The charge established by the Board pursuant to this subdivision (3) shall be in an amount determined by the Board by rule or order that is consistent with the principles of least cost integrated planning as defined in section 218c of this title.
- (i) As circumstances and programs evolve, the amount of the charge shall be reviewed for unrealized energy efficiency potential and shall be adjusted as necessary in order to realize all reasonably available, cost-effective energy efficiency savings. In setting the amount of the charge and its allocation, the Board shall determine an appropriate balance among the following objectives; provided, however, that particular emphasis shall be accorded to the first four of these objectives: reducing the size of future power purchases; reducing the generation of greenhouse gases; limiting the need to upgrade the State's transmission and distribution infrastructure; minimizing the costs of electricity; reducing Vermont's total energy demand, consumption, and expenditures; providing efficiency and conservation as a part of a comprehensive resource supply strategy; providing the opportunity for all Vermonters to participate in efficiency and conservation programs; and targeting efficiency and conservation efforts to locations, markets, or customers where they may provide the greatest value. However, in no event shall an energy efficiency charge imposed prior to February 1, 2018 exceed the following rates:
 - (I) residential customer \$0.01173 per kilowatt hour (kWh);
- (III) commercial customer, demand charge \$0.00648 per kWh plus \$1.0543 per kilowatt (kW);
- (V) industrial customers, demand charge \$0.00484 per kWh plus \$1.1344 per kW.

(ii) The Board, by rule or order, shall establish a process by which a customer who pays an average annual energy efficiency charge under this subdivision (3) of at least \$5,000.00 may apply to the Board to self-administer energy efficiency through the use of an energy savings account which shall contain a percentage of the customer's energy efficiency charge payments as determined by the Board. The remaining portion of the charge shall be used for systemwide energy benefits. The Board in its rules or order shall establish criteria for approval of these applications.

Sec. 14b. JOINT ENERGY COMMITTEE; RECOMMENDATION

- (a) On or before February 15, 2016, the Joint Energy Committee under 2 V.S.A. chapter 17 shall submit a recommendation to the House Committee on Commerce and Economic Development, Senate Committee on Finance, House Committee on Ways and Means, and House and Senate Committees on Natural Resources and Energy on:
- (1) whether the General Assembly should make permanent or revise the cap on energy efficiency charge rates adopted under Sec. 14a of this act, 30 V.S.A. § 209(d), or allow that cap to expire in 2018; and
- (2) what legislation, if any, the Committee recommends that the General Assembly enact to clarify or alter the relationship of energy efficiency entities and charges under 30 V.S.A. § 209(d) with the energy transformation category adopted under Sec. 3 of this act, 30 V.S.A. § 8005(a).
- (b) Prior to submitting its recommendation under this section, the Joint Energy Committee shall offer an opportunity for comment by affected State agencies; utilities; appointed energy efficiency entities; advocates for business, consumer, and environmental interests; and members of the public.
- (c) For the purpose of this section, the Joint Energy Committee may meet no more than four times during adjournment without prior approval of the Speaker of the House and the President Pro Tempore of the Senate.

<u>Second</u>: In Sec. 28 (effective dates), by striking out subsections (a) and (b) and inserting in lieu thereof:

- (a) This section and Secs. 8 (Public Service Board rulemaking), 10 (Forests, Parks and Recreation rulemaking), 14a (energy efficiency charge), 14b (joint energy committee; recommendation), 18 (net metering pilot project), and 27 (severability) shall take effect on passage. Notwithstanding 1 V.S.A. § 214, Sec. 18 shall apply to facilities for which an application for a certificate of public good is pending as of its effective date.
- (b) Secs. 1 through 7, 9, 11, 13, 14, 15 through 17, and 19 through 26 shall take effect on July 1, 2015. Sec. 11 (net metering systems; environmental

attributes) shall not apply to complete applications filed prior to its effective date.

(Committee Vote: 8-2-1)

NOTICE CALENDAR

Favorable with Amendment

H. 18

An act relating to Public Records Act exemptions

Rep. Hubert of Milton, for the Committee on **Government Operations,** recommends the bill be amended as follows:

by striking Secs. 20–21 and the reader assistance thereto in their entirety and inserting in lieu thereof the following:

* * * Human Rights Commission Exemption * * *

Sec. 20. 9 V.S.A. § 4555(a) is amended to read:

- (a)(1) The Except as provided in this subsection, the Human Rights Commission's complaint files and investigative files shall be confidential except that the.
- (2) The Commission shall make the investigative file available to the charging party, the respondent, their attorneys, and any State or federal law enforcement agency seeking to enforce anti-discrimination statutes, upon reasonable request. The, except that the Commission may refuse to disclose:
- (A) the identities of nonparty witnesses to the investigation may be revealed as part of the investigative file, upon request, unless if good cause is shown to protect the witness's confidentiality; and
- (B) records or information the release of which may be prohibited under State or federal law absent court order.
- (3) A party or entity denied information or records under subdivision (2)(A) or (B) of this subsection may seek the information or records by subpoena. The Commission and any affected person may contest the subpoena in court.
- (4) Any records or information described in subdivision (2)(A) or (B) of this subsection made available to a party or entity pursuant to a confidentiality agreement or court order requiring confidentiality shall be kept confidential in accordance with the agreement or order, unless disclosure is otherwise authorized by law or court order.

^{* * *} Personal Records Exemption * * *

Sec. 21. 1 V.S.A. § 317(c) is amended to read:

(c) The following public records are exempt from public inspection and copying:

* * *

- (7) Personal documents relating to an individual, including:
- (A) information Information in any files maintained to hire, evaluate, promote, or discipline any employee of a public agency. However, such information shall be made available to that individual employee or his or her designated representative unless otherwise exempt from public inspection and copying.
- (B) information Information in any files relating to personal finances.
- (C) Individually identifying medical or psychological facts concerning any individual or corporation; provided, however, that all information in personnel files of an individual employee of any public agency shall be made available to that individual employee or his or her designated representative information.

* * *

(Committee Vote: 8-0-4)

H. 117

An act relating to creating a Division for Telecommunications and Connectivity within the Department of Public Service

Rep. Carr of Brandon, for the Committee on **Commerce & Economic Development,** recommends the bill be amended by striking all after the enacting clause and inserting in lieu thereof the following:

Sec. 1. REPEAL

3 V.S.A. § 2225 (creating the Division for Connectivity within the Agency of Administration) and 2014 Acts and Resolves No. 190, Secs. 12 (Division for Connectivity), 14 (creation of positions; transfer; reemployment rights), and 30(a)(2) and (b) (statutory revision authority regarding the Division for Connectivity) are repealed.

Sec. 2. 30 V.S.A. § 1 is amended to read:

§ 1. COMPOSITION OF DEPARTMENT

(a) The department of public service Department of Public Service shall consist of the commissioner of public service, a director for regulated utility

planning, a director for public advocacy, a director for energy efficiency, Commissioner of Public Service, a Director for Regulated Utility Planning, a Director for Public Advocacy, a Director for Energy Efficiency, a Director for Telecommunications and Connectivity, and such other persons as the commissioner Commissioner considers necessary to conduct the business of the department Department.

- (b) The commissioner of public service Commissioner shall be appointed by the governor Governor with the advice and consent of the senate Senate. The commissioner of public service Commissioner shall serve for a term of two years beginning on February 1 of the year in which the appointment is made. The commissioner Commissioner shall serve at the pleasure of the governor Governor. The directors for regulated utility planning, for energy efficiency and for public advocacy Directors for Regulated Utility Planning, for Public Advocacy, and for Energy Efficiency shall be appointed by the commissioner Commissioner. The Director for Telecommunications and Connectivity shall be appointed by the Commissioner in consultation with the Secretary of Administration.
- (c) The director for public advocacy Directors for Public Advocacy and for Telecommunications and Connectivity may employ, with the approval of the eommissioner Commissioner, legal counsel and other experts, and clerical assistance, and the directors of regulated utility planning and energy efficiency Directors for Regulated Utility Planning and for Energy Efficiency may employ, with the approval of the commissioner Commissioner, experts and clerical assistance.

Sec. 3. 30 V.S.A. § 202d is amended to read:

§ 202d. TELECOMMUNICATIONS PLAN

- (a) The Department of Public Service shall constitute the responsible planning agency of the State for the purpose of obtaining for all consumers in the State stable and predictable rates and a technologically advanced telecommunications network serving all service areas in the State. The Department shall be responsible for the provision of plans for meeting emerging trends related to telecommunications technology, markets, financing, and competition.
- (b) The Department shall prepare a Telecommunications Plan for the State. The Department of Innovation and Information, the Division for Connectivity and the Agency of Commerce and Community Development, and the Agency of Transportation shall assist the Department of Public Service in preparing the Plan. The Plan shall be for a ten-year period and shall serve as a basis for State telecommunications policy. Prior to preparing the Plan, the Department shall

prepare:

- (1) an overview, looking ten years ahead, of future requirements for telecommunications services, considering services needed for economic development, technological advances, and other trends and factors which, as determined by the Department of Public Service, will significantly affect State telecommunications policy and programs;
- (2) a survey of Vermont residents and businesses, conducted in cooperation with the Agency of Commerce and Community Development and the Division for Connectivity, to determine what telecommunications services are needed now and in the succeeding ten years;
- (3) an assessment of the current state of telecommunications infrastructure:
- (4) an assessment, conducted in cooperation with the Department of Innovation and Information and the Division for Connectivity Agency of Transportation, of the current State telecommunications system and evaluation of alternative proposals for upgrading the system to provide the best available and affordable technology for use by government; and
- (5) an assessment of the state of telecommunications networks and services in Vermont relative to other states, including price comparisons for key services and comparisons of the state of technology deployment.
- (c) In developing the Plan, the Department shall take into account the <u>State</u> <u>telecommunications</u> policies and goals of section 202c of this title.
- (d) In establishing plans, public hearings shall be held and the Department members shall consult with of the public, representatives telecommunications utilities with a certificate of public good, other providers, including the Vermont Electric Power Co., Inc. (VELCO), and other interested State agencies, particularly the Agency of Commerce and Community Development, the Division for Connectivity, the Agency of Transportation, and the Department of Innovation and Information, whose views shall be considered in preparation of the Plan. To the extent necessary, the Department shall include in the Plan surveys to determine existing, needed, and desirable plant improvements and extensions, access and coordination between telecommunications providers, methods of operations, and any change that will produce better service or reduce costs. To this end, the Department may require the submission of data by each company subject to supervision by the Public Service Board.
- (e) Before adopting a Plan, the Department shall conduct public hearings on a final draft and shall consider the testimony presented at such hearings in

preparing the final Plan. At least one hearing shall be held jointly with Committees of the General Assembly designated by the General Assembly for this purpose. The Plan shall be adopted by September 1, 2014, and then reviewed and updated as provided in subsection (f) of this section.

- (f) The Department, from time to time, but in no event less than every three years, <u>shall</u> institute proceedings to review a <u>the</u> Plan and make revisions, where necessary. The three-year major review shall be made according to the procedures established in this section for initial adoption of the Plan. For good cause or upon request by a Joint Resolution passed by the General Assembly, an interim review and revision of any section of the Plan may be made after conducting public hearings on the interim revision. At least one hearing shall be held jointly with Committees of the General Assembly designated by the General Assembly for this purpose.
- (g) The Department shall review and update the minimum technical service characteristic objectives not less than every three years beginning in 2017. In the event such review is conducted separately from an update of the Plan, the Department shall issue revised minimum technical service characteristic objectives as an amendment to the Plan.

Sec. 4. 30 V.S.A. § 202e is added to read:

§ 202e. TELECOMMUNICATIONS AND CONNECTIVITY

- (a) Among other powers and duties specified in this title, the Department of Public Service, through the Division for Telecommunications and Connectivity, shall promote:
- (1) access to affordable broadband service to all residences and businesses in all regions of the State, to be achieved in a manner that is consistent with the State Telecommunications Plan;
- (2) universal availability of mobile telecommunication services, including voice and high-speed data along roadways, and near universal availability statewide;
- (3) investment in telecommunications infrastructure in the State that creates or completes the network for service providers to create last-mile connection to the home or business and supports the best available and economically feasible service capabilities;
- (4) the continuous upgrading of telecommunications and broadband infrastructure in all areas of the State to reflect the rapid evolution in the capabilities of available broadband and mobile telecommunications technologies, the capabilities of broadband and mobile telecommunications services needed by persons, businesses, and institutions in the State; and

- (5) the most efficient use of both public and private resources through State policies by encouraging the development, funding, and implementation of open access telecommunications infrastructure.
- (b) To achieve the goals specified in subsection (a) of this section, the Division shall:
- (1) provide resources to local, regional, public, and private entities in the form of grants, technical assistance, coordination, and other incentives;
- (2) prioritize the use of existing buildings and structures, historic or otherwise, as sites for visually-neutral placement of mobile telecommunications and wireless broadband antenna facilities;
- (3) inventory and assess the potential to use federal radio frequency licenses held by instrumentalities of the State to enable broadband service in unserved areas of the State; take steps to promote the use of those licensed radio frequencies for that purpose; and recommend to the General Assembly any further legislative measures with respect to ownership, management, and use of these licenses as would promote the general good of the State;
- (4) coordinate telecommunications initiatives among Executive Branch agencies, departments, and offices;
- (5) identify the types and locations of infrastructure and services needed to carry out the goals stated in subsection (a) of this section;
- (6) formulate, with the advice and assistance of the Telecommunications and Connectivity Board and with input from the Regional Planning Commissions, an action plan that conforms with the State Telecommunications Plan, as updated and revised, and carries out the goals stated in subsection (a) of this section;
- (7) coordinate the agencies of the State to make public resources available to support the extension of broadband and mobile telecommunications infrastructure and services to all unserved and underserved areas;
- (8) support and facilitate initiatives to extend the availability of broadband and mobile telecommunications, and promote development of the infrastructure that enables the provision of these services;
- (9) work cooperatively with the Agency of Transportation and the Department of Buildings and General Services to assist in making available transportation rights-of-way and other State facilities and infrastructure for telecommunications projects in conformity with applicable federal statutes and regulations; and

- (10) receive all technical and administrative assistance as deemed necessary by the Director for Telecommunications and Connectivity.
- (c)(1) The Director may request from telecommunications service providers voluntary disclosure of information regarding deployment of broadband, telecommunications facilities, or advanced metering infrastructure that is not publicly funded. Such information may include data identifying projected coverage areas, projected average speed of service, service type, and the anticipated date of completion in addition to identifying the location and routes of proposed cables, wires, and telecommunications facilities.
- (2) The Director may enter into a nondisclosure agreement with respect to any voluntary disclosures under this subsection, and the information disclosed pursuant thereto shall remain confidential. Alternatively, entities that voluntarily provide information requested under this subsection may select a third party to be the recipient of such information. The third party may aggregate information provided by the entities, but shall not disclose provider-specific information it has received under this subsection to any person, including the Director. The third party shall only disclose the aggregated information to the Director. The Director may publicly disclose aggregated information based upon the information provided under this subsection. The confidentiality requirements of this subsection shall not affect whether information provided to any agency of the State or a political subdivision of the State pursuant to other laws is or is not subject to disclosure.
- (d) The Division shall only promote the expansion of broadband services that offer actual speeds that meet or exceed the minimum technical service characteristic objectives contained in the State's Telecommunications Plan.
- (e) Notwithstanding 2 V.S.A. § 20(d), on or before January 15 of each year, the Director, with the advice and assistance of the Telecommunications and Connectivity Board, shall submit a report of its activities pursuant to this section and duties of title 30 V.S.A. subsection 202f (f) for the preceding fiscal year to the General Assembly. Each report shall include an operating and financial statement covering the Division's operations during the year, including a summary of all grant awards and contracts and agreements entered into by the Division, as well as the action plan required under subdivision (b)(6) of this section. In addition, the report shall include an accurate map and narrative description of each of the following:
- (1) the areas served and the areas not served by broadband that has a download speed of at least 4 Mbps and an upload speed of at least 1 Mbps, and cost estimates for providing such service to unserved areas;
 - (2) the areas served and the areas not served by broadband that has a

- download speed of at least 25 Mbps and an upload speed of at least 3 Mbps, or as defined by the FCC in its annual report to Congress required by section 706 of the Telecommunications Act of 1996, whichever is higher, and the cost estimates for providing such service to unserved areas;
- (3) the areas served and the areas not served by broadband that has a download speed of at least 100 Mbps and is symmetrical, and the cost estimates for providing such service to unserved areas; and
- (4) if monetarily feasible, the areas served and the areas not served by wireless communications service, and cost estimates for providing such service to unserved areas.
- Sec. 5. 30 V.S.A. § 202f is added to read:

§ 202f. TELECOMMUNICATIONS AND CONNECTIVITY BOARD

- (a) There is created a Telecommunications and Connectivity Board for the purpose of making recommendations to the Commissioner of Public Service regarding his or her telecommunications responsibilities and duties as provided in this section. The Connectivity Board shall consist of 10 members, nine voting and one nonvoting, selected as follows:
 - (1) the State Treasurer or designee;
- (2) the Secretary of Commerce and Community Development or designee;
- (3) one member of the House of Representatives appointed by the Speaker of the House;
- (4) one member of the Senate appointed by the Committee on Committees of the Senate;
- (5) five at-large members appointed by the Governor, who shall not be employees or officers of the State at the time of appointment;
- (6) the Secretary of Transportation or designee, who shall be a nonvoting member; and
- (b) A quorum of the Connectivity Board shall consist of five voting members. No action of the Board shall be considered valid unless the action is supported by a majority vote of the members present and voting and then only if at least five members vote in favor of the action. The Governor shall select, from among the at-large members, a Chair and Vice Chair, who shall not be members of the General Assembly or employees or officers of the State at the time of the appointment.
 - (c) In making appointments of at-large and legislative members, the

appointing authorities shall give consideration to citizens of the State with knowledge of telecommunications technology, telecommunications regulatory law, transportation rights-of-way and infrastructure, finance, environmental permitting, and expertise regarding the delivery of telecommunications services in rural, high-cost areas. However, the legislative and five at-large members may not be persons with a financial interest in or owners or employees of an enterprise that provides broadband or cellular service or that is seeking in-kind or financial support from the Department of Public Service. The conflict of interest provision in this subsection shall not be construed to disqualify a member who has ownership in a mutual fund, exchange traded fund, pension plan, or similar entity that owns shares in such enterprises as part of a broadly diversified portfolio. The legislative and at-large members shall serve terms of two years beginning on February 1 in odd-numbered years, and until their successors are appointed and qualified. However, three of the five at-large members first appointed by the Governor shall serve an initial term of three years. Vacancies shall be filled by the respective appointing bodies for the balance of the unexpired term. A member may be reappointed for up to three consecutive terms. Upon completion of a term of service for any reason, including the term's expiration or a member's resignation, and for one year from the date of such completion, a former Board member shall not advocate before the Connectivity Board, Department of Public Service, or the Public Service Board on behalf of an enterprise that provides broadband or cellular service.

- (d) Except for those members otherwise regularly employed by the State, the compensation of the Board's members is that provided by 32 V.S.A. § 1010(a). Legislative members are entitled to compensation for services and reimbursement of expenses as provided in 2 V.S.A. § 406. All members of the Board, including those members otherwise regularly employed by the State, shall receive their actual and necessary expenses when away from home or office upon their official duties.
- (e) In performing its duties, the Connectivity Board may use the legal and technical resources of the Department of Public Service. The Department of Public Service shall provide the Board with administrative services.

(f) The Connectivity Board shall:

- (1) have review and nonbinding approval authority with respect to the awarding of grants under the Connectivity Initiative. The Commissioner shall have sole authority to make the final decision on grant awards, as provided in subsection (g) of this section.
- (2) function in an advisory capacity to the Commissioner on the development of State telecommunications policy and planning, including the

action plan required under subdivision 202e(b)(6) of this chapter and the State Telecommunications Plan.

- (3) annually advise the Commissioner on the development of requests for proposals under the Connectivity Initiative.
- (4) annually provide the Commissioner with recommendations for the apportionment of funds to the High-Cost Program and the Connectivity Initiative.
- (5) annually provide the Commissioner with recommendations on the appropriate Internet access speeds for publicly funded telecommunication and connectivity projects.
- (g) The Commissioner shall make an initial determination as to whether a proposal submitted under the Connectivity Initiative meets the criteria of the request for proposals. The Commissioner shall then provide the Connectivity Board a list of all eligible proposals and recommendations. The Connectivity Board shall review the recommendations of the Commissioner and may review any proposal submitted, as it deems necessary, and either approve or disapprove each recommendation and may make new recommendations for the Commissioner's final consideration. The Commissioner shall have final decision-making authority with respect to the awarding of grants under the Connectivity Initiative. If the Commissioner does not accept a recommendation of the Board, he or she shall provide the Board with a written explanation for such decision.
- (h) On September 15, 2015, and annually thereafter, the Commissioner shall submit to the Connectivity Board an accounting of monies in the Connectivity Fund and anticipated revenue for the next year. On or before January 1 of each year, the Commissioner, after consulting with the Connectivity Board, shall recommend to the relevant legislative committees of jurisdiction a plan for apportioning such funds to the High-Cost Program and the Connectivity Initiative.
- (i) The Chair shall call the first meeting of the Connectivity Board. The Chair or a majority of Board members may call a Board meeting. The Board may meet up to six times a year.
- (j) At least annually, the Connectivity Board and the Commissioner or designee shall jointly hold a public meeting to review and discuss the status of State telecommunications policy and planning, the Telecommunications Plan, the Connectivity Fund, the Connectivity Initiative, the High-Cost Program, and any other matters they deem necessary to fulfill their obligations under this section.

- (k) Information and materials submitted by a telecommunications service provider concerning confidential financial or proprietary information shall be exempt from public inspection and copying under the Public Records Act, nor shall any information that would identify a provider who has submitted a proposal under the Connectivity Initiative be disclosed without the consent of the provider, unless a grant award has been made to that provider. Nothing in this subsection shall be construed to prohibit the publication of statistical information, determinations, reports, opinions, or other information so long as the data are disclosed in a form that cannot identify or be associated with a particular telecommunications service provider.
- Sec. 6. CREATION OF POSITIONS; TRANSFER OF VACANT POSITIONS; REEMPLOYMENT RIGHTS; TRANSITIONAL PROVISIONS
- (a) Up to three additional exempt full-time positions are created within the Division for Telecommunications and Connectivity, as deemed necessary by the Secretary of Administration.
- (b) The positions created under subsection (a) of this section shall only be filled to the extent there are existing vacant positions in the Executive Branch available to be transferred and converted to the new positions in the Division for Telecommunications and Connectivity, as determined by the Secretary of Administration and the Commissioner of Human Resources, so that the total number of authorized positions in the State shall not be increased by this act.
- (c) All full-time personnel of the Vermont Telecommunications Authority employed by the Authority on the day immediately preceding the effective date of this act who do not obtain a position in the Division for Telecommunications and Connectivity pursuant to subsection (a) of this section shall be entitled to the same reemployment or recall rights available to nonmanagement State employees under the existing collective bargaining agreement entered into between the State and the Vermont State Employees' Association.
- (d) The Department of Public Service shall assume possession and responsibility for all assets and liabilities of the Vermont Telecommunications Authority (VTA).
- (e) The VTA shall not enter into any new contracts without the approval of the Commissioner of Public Service.
- Sec. 7. 30 V.S.A. § 7503 is amended to read:
- § 7503. FISCAL AGENT
 - (a) A fiscal agent shall be selected to receive and distribute funds under this

chapter.

- (b) The fiscal agent shall be selected by the <u>Public Service Board Commissioner of Public Service</u> after competitive bidding. No telecommunications service provider shall be eligible to be the fiscal agent. The duties of the fiscal agent shall be determined by a contract with a term not greater than three years.
- (c) In order to finance grants and other expenditures that have been approved by the Public Service Board Commissioner of Public Service, the fiscal agent may borrow money from time to time in anticipation of receipts during the current fiscal year. No such note shall have a term of repayment in excess of one year, but the fiscal agent may pledge its receipts in the current and future years to secure repayment. Financial obligations of the fiscal agent are not guaranteed by the State of Vermont.
- (d) The fiscal agent shall be audited annually by a certified public accountant in a manner determined by and under the direction of the Public Service Board Commissioner of Public Service.
- (e) The financial accounts of the fiscal agent shall be available at reasonable times to any telecommunications service provider in this State. The Public Service Board Commissioner of Public Service may investigate the accounts and practices of the fiscal agent and may enter orders concerning the same.
- (f) The fiscal agent acts as a fiduciary and holds funds in trust for the ratepayers until the funds have been disbursed as provided pursuant to sections 7511 through 7515 section 7511 of this chapter.

Sec. 8. REPEAL

- <u>30 V.S.A. § 7515a (additional program support for Executive Branch activities) is repealed.</u>
- Sec. 9. 30 V.S.A. § 7511 is amended to read:

§ 7511. DISTRIBUTION GENERALLY

- (a)(1) As directed by the Public Service Board Commissioner of Public Service, funds collected by the fiscal agent, and interest accruing thereon, shall be distributed as follows:
- (1)(A) to pay costs payable to the fiscal agent under its contract with the Board Commissioner;
- (2)(B) to support the Vermont telecommunications relay service in the manner provided by section 7512 of this title;

- (3)(C) to support the Vermont Lifeline program in the manner provided by section 7513 of this title;
- (4)(D) to support Enhanced-911 services in the manner provided by section 7514 of this title; and
- (5)(E) to support the Connectivity Fund established in section 7516 of this chapter; and of this title-; and
- (2) Any personnel or administrative costs associated with the Connectivity Initiative shall come from the Connectivity Fund as determined by the Commissioner in consultation with the Connectivity Board.
- (b) If insufficient funds exist to support all of the purposes contained in subsection (a) of this section, the Board Commissioner shall conduct an expedited proceeding to allocate the available funds, giving priority in the order listed in subsection (a).

Sec. 10. 30 V.S.A. § 7516 is amended to read:

§ 7516. CONNECTIVITY FUND

There is created a Connectivity Fund for the purpose of providing support to the High-Cost Program established under section 7515 of this chapter and the Connectivity Initiative established under section 7515b of this chapter. The fiscal agent shall determine annually, on or before September 1, the amount of monies available to the Connectivity Fund. Such funds shall be apportioned equally as follows: 45 percent to the High-Cost Program and 55 percent to the Connectivity Initiative referenced in this section.

Sec. 11. 30 V.S.A. § 7515 is amended to read:

§ 7515. HIGH-COST PROGRAM

- (a) The Universal Service Charge shall be used as a means of keeping basic telecommunications service affordable in all parts of this State, thereby maintaining universal service, and as a means of supporting access to broadband service in all parts of the State.
- (b) The Public Service Board, after review of a petition of a company holding a certificate of public good to provide telecommunications service in Vermont, and upon finding that the company meets all requirements for designation as an "eligible telecommunications carrier" as defined by the FCC, may designate the company as a Vermont-eligible telecommunications carrier (VETC).
- (c) The supported services a designated VETC must provide are voice telephony services, as defined by the FCC, and broadband Internet access, directly or through an affiliate. A VETC receiving support under this section

shall use that support for capital improvements in high cost areas, as defined in subsection (f) of this section, to build broadband capable networks.

- (d) The Board may designate multiple VETCs for a single high cost area, but each designated VETC shall:
- (1) offer supported services to customers at all locations throughout the service <u>high cost</u> area or areas for which it has been designated; and
- (2) for its voice telephone services, meet service quality standards set by the Board.
- (e) A VETC shall receive support as defined in subsection (i) of this section from the fiscal agent of the Vermont Universal Service Fund for each telecommunications line in service or service location, whichever is greater in number, in each high cost area it services. Such support may be made in the form of a net payment against the carrier's liability to the Fund. If multiple VETCs are designated for a single area, then each VETC shall receive support for each line it has in service.
- (f) As used in this section, a Vermont telephone exchange is a "high cost area" if the exchange is served by a rural telephone company, as defined by federal law, or if the exchange is designated as a rural exchange in the wholesale tariff of a regional bell operating company (RBOC), as defined by the FCC, or of a successor company to an RBOC. An exchange is not a high cost area if the Public Service Board finds that the supported services are available to all locations throughout the exchange from at least two service providers.
- (g) Except as provided in subsection (h) of this section, a VETC shall provide broadband Internet access at speeds no lower than 4 Mbps download and 1 Mbps upload in each high cost area it serves within five years of designation. A VETC need not provide broadband service to a location that has service available from another service provider, as determined by the Department of Public Service.
- (h) The Public Service Board may modify the build out requirements of subsection (d) of this section as it relates to broadband Internet access to be the geographic area that could be reached using one-half of the funds to be received over five years. A VETC may seek such waiver of the build out requirements in subsection (e) within one year of designation and shall demonstrate the cost of meeting broadband Internet access requirements on an exchange basis and propose an alternative build out plan.
- (i) The amount of the monthly support under this section shall be the pro rata share of available funds as provided in subsection (e) of this section based

on the total number of incumbent local exchange carriers in the State and reflecting each carrier's lines in service or service locations in its high-cost area or areas, as determined under subsection (e) of this section. If an incumbent local exchange carrier does not petition the Board for VETC designation, or is found ineligible by the Board, the share of funds it otherwise would have received under this section shall be used to support the Connectivity Initiative established in section 7515b of this chapter.

- (j) The Public Service Board shall adopt by rule standards and procedures for ensuring projects funded under this section are not competitive overbuilds of existing wired telecommunications services.
- (k) Each VETC shall submit certification that it is meeting the requirements of this section and an accounting of how it expended the funds received under this section in the previous calendar year, with its annual report to the Department of Public Service. For good cause shown, the Public Service Board may investigate submissions required by this subsection and may revoke a company's designation if it finds that the company is not meeting the requirements of this subsection.

Sec. 12. 30 V.S.A. § 7515b is amended to read:

§ 7515b. CONNECTIVITY INITIATIVE

- (a) The purpose of the Connectivity Initiative is to provide each service location in Vermont access to Internet service that is capable of speeds of at least-4-10 Mbps download and 1 Mbps upload, or the FCC speed requirements established under Connect America Fund Phase II, whichever is higher, beginning with locations not served as of December 31, 2013 according to the minimum technical service characteristic objectives applicable at that time. Within this category of service locations, priority shall be given first to unserved and then to underserved locations. As used in this section, "unserved" means a location having access to only satellite or dial-up Internet service and "underserved" means a location having access to Internet service with speeds that exceed satellite and dial-up speeds but are less than 4 Mbps download and 1 Mbps upload. Any new services funded in whole or in part by monies in this Fund from this Initiative shall be capable of being continuously upgraded to reflect the best available, most economically feasible service capabilities.
- (b) The Department of Public Service shall publish annually a list of census blocks eligible for funding based on the Department's most recent broadband mapping data. The Department annually shall solicit proposals from service providers, the Vermont Telecommunications Authority, and the Division for Connectivity to deploy broadband to eligible census blocks. The Department

shall give priority to proposals that reflect the lowest cost of providing services to unserved and underserved locations; however, the Department also shall consider:

- (1) the proposed data transfer rates and other data transmission characteristics of services that would be available to consumers;
 - (2) the price to consumers of services;
- (3) the proposed cost to consumers of any new construction, equipment installation service, or facility required to obtain service;
- (4) whether the proposal would use the best available technology that is economically feasible;
 - (5) the availability of service of comparable quality and speed; and
 - (6) the objectives of the State's Telecommunications Plan.

Sec. 13. 30 V.S.A. § 246(e) is added to read:

(e) Notwithstanding any contrary provisions of this section, the holder of a certificate of public good for a constructed meteorological station may apply under section 248a of this title or 10 V.S.A. chapter 151 to convert the station to a wireless telecommunications facility, provided the application is filed at least 90 days before the expiration of the certificate for the station. Any such application shall constitute a new application to be reviewed under the facts and circumstances as they exist at the time of the review.

Sec. 14. STATUTORY REVISION

<u>In its statutory revision capacity under 2 V.S.A. § 424, the Office of</u> Legislative Council shall, where appropriate in 30 V.S.A. chapter 88:

- (1) replace the words "Public Service Board" with the words "Department of Public Service";
 - (2) replace the word "Board" with the word "Commissioner"; and
- (3) make other similar amendments necessary to effect the purposes of this act.

Sec. 15. EFFECTIVE DATES

This act shall take effect on July 1, 2015, except that this section and Secs. 6(e) (Commissioner approval of all Vermont Telecommunications Contracts), 13 (conversion of a meteorological station to wireless telecommunications facility), and 14 (statutory revision authority) shall take effect on passage.

(Committee Vote: 11-0-0)

J.R.H. 5

Joint resolution urging the Federal Communications Commission to adopt the new net neutrality rules as Commission Chair Thomas Wheeler has proposed.

Rep. Parent of St. Albans City, for the Committee on **Commerce & Economic Development,** recommends that the resolution be amended by striking the resolution in its entirety inserting in lieu thereof the following:

Whereas, in 2015, millions of Americans rely on the Internet for business, educational, economic, entertainment, and health care purposes, and all providers and users of Internet services must be afforded equal access to this primary communications highway, and

Whereas, start-ups and other promising elements of Vermont's high-technology-based creative economy require continuous and affordable access to high-speed Internet services for their economic survival, and

Whereas, net neutrality means that no Internet service or content provider may be relegated to a slower online transmission speed, or be eligible for an accelerated speed upon payment of a special fee, and

Whereas, in Verizon v. F.C.C., 740 F.3d 623 (2014), the U.S. Court of Appeals for the District of Columbia held that the Federal Communications Commission (FCC) is prohibited from imposing neutrality rules on the Internet because the FCC does not regulate the Internet under Title II of the Telecommunications Act of 1996, and

Whereas, in light of this judicial decision, the FCC began to consider proposing new net neutrality rules, and

Whereas, in July 2014, as the FCC was considering possible new rules on net neutrality, U.S. Senator Patrick Leahy chaired Senate Judiciary Committee hearings in Burlington on the need to keep the Internet equally open to all Americans, and he held further hearings on this important topic last September in Washington, D.C., and

Whereas, both the Department of Public Service and the Public Service Board have previously filed comments supporting the FCC's adoption of new net neutrality rules, and

Whereas, at least 3.7 million Americans submitted comments to the FCC about proposed new net neutrality rules, and many of the comments were from consumers who wrote in support of an open and publicly accessible Internet, and

Whereas, on Wednesday, February 4, 2015, Commission Chair Thomas

Wheeler announced proposed new Internet regulatory rules providing that the FCC would begin to regulate the Internet as a utility under Title II of the Telecommunications Act of 1996, and

Whereas, the proposed FCC rules would also require neutrality for Internet operations as Internet service providers would be mandated to offer all Internet content providers equal access and not add a surcharge for accelerated transmission speeds, and

Whereas, in addition, the proposed FCC rules would authorize regulation of the back end of the Internet, where content providers have complained that network middlemen have intentionally clogged key Internet transit points, and

Whereas, the FCC voted on the new net neutrality rules on February 26, 2015, now therefore be it

Resolved by the Senate and House of Representatives:

That the General Assembly commends the Federal Communications Commission on it adoption of new net neutrality rules as Commission Chair Thomas Wheeler proposed, and be it further

<u>Resolved</u>: That the Secretary of State be directed to send a copy of this resolution to the Federal Communications Commission and to the Vermont Congressional Delegation.

(Committee Vote: 10-0-0)

(For Text of Resolution see House Journal February 20, 2015 Page 218)

Consent Calendar

Concurrent Resolutions for Adoption Under Joint Rule 16a

The following concurrent resolutions have been introduced for approval by the Senate and House and will be adopted automatically unless a Senator or Representative requests floor consideration before today's adjournment. Requests for floor consideration in either chamber should be communicated to the Secretary's office and/or the House Clerk's office, respectively. For text of resolutions, see Addendum to House Calendar and Senate Calendar of 2/26/2015.

H.C.R. 47

House concurrent resolution congratulating the Rutland High School cheerleading team on its success in the National Cheerleaders Association's Junior-Senior High School National Competition

H.C.R. 48

House concurrent resolution congratulating the Vermont Student Assistance Corporation on its 50th anniversary

H.C.R. 49

House concurrent resolution congratulating Marcy Tanger on winning a 2014 NeighborWorks Dorothy Richardson Resident Leadership Award

H.C.R. 50

House concurrent resolution in memory of Deryl J. Stowell

H.C.R. 51

House concurrent resolution honoring the individuals memorialized in Weybridge's 2014 town report

H.C.R. 52

House concurrent resolution recognizing Edgar Crosby of Bridport on the dedication of the 2014 Bridport Town Report in his honor, in tribute to his exemplary community service

H.C.R. 53

House concurrent resolution in memory of Kenneth W. Sawyer and honoring his community service in the town of New Haven

H.C.R. 54

House concurrent resolution designating February 25, 2015, as Teachers' Day at the State House

H.C.R. 55

House concurrent resolution congratulating youth composer Ethan Duncan on the Vermont Symphony Orchestra's premier of his *A Year in Vermont*

H.C.R. 56

House concurrent resolution honoring Richard Werner for his outstanding leadership of the Dover School Board

H.C.R. 57

House concurrent resolution honoring Kathleen Bartlett as an outstanding educator

H.C.R. 58

House concurrent resolution congratulating the Southwestern Vermont Council on Aging on its 40th anniversary

H.C.R. 59

House concurrent resolution congratulating Lions Club International's District 45 on its 60th anniversary

S.C.R. 4

Senate concurrent resolution congratulating the First Presbytarian Church of Barre on its 125th anniversary

Information Notice

HOUSE BILL INTRODUCTION DEADLINES

To All House Members:

Request Deadline - All requests for introduction of bills drafted in standard form must be submitted to the Legislative Council by Friday, January 30, 2015.

During the first year of the biennium, a member may request introduction of a bill drafted in short form and submitted to the Legislative Council anytime during the session.

Introduction Deadline - Except with prior consent of the Committee on Rules, all bills drafted in standard form, shall be introduced by February 27, 2015.

During the first year of the biennium Committee bills may be introduced at anytime.