

1 H.439

2 Introduced by Representatives Lanpher of Vergennes, Burke of Brattleboro,
3 Bissonnette of Winooski, Gallivan of Chittenden, Masland of
4 Thetford, McCarthy of St. Albans City, McCormack of
5 Burlington, Potter of Clarendon, Russell of Rutland City, and
6 Yantachka of Charlotte

7 Referred to Committee on

8 Date:

9 Subject: Transportation; state fleet; electric vehicles; study; rules;

10 Comprehensive Energy Plan; public transit

11 Statement of purpose of bill as introduced: This bill proposes to:

12 (1) require the Commissioner of Buildings and General Services to
13 submit a report related to the installation of electric vehicle charging stations at
14 state buildings, rest areas, and welcome centers as well as a plan related to
15 incorporation of electric vehicles into the state fleet, and to report annually on
16 the progress of charging station installations and the acquisition of electric
17 vehicles into the state fleet;

18 (2) require the Secretary of Natural Resources in consultation with
19 Drive Electric Vermont and with other state agencies to study how to promote
20 an expansion in the use of electric vehicles in Vermont, and to report
21 periodically on the use of electric vehicles in the State;

1 Transportation, and any other persons the Commissioner considers appropriate,
2 shall submit a written report to the House and Senate Committees on Natural
3 Resources and Energy, the House and Senate Committees on Transportation,
4 the House Committee on Corrections and Institutions, and the Senate
5 Committee on Institutions on the installation of electric vehicle charging
6 stations for use by state employees and by members of the public visiting state
7 office buildings, rest areas, and welcome centers.

8 (2) The report shall include:

9 (A) an analysis of the costs and benefits of, and implementation steps
10 required for, installing electric charging stations at state office buildings, rest
11 areas, and welcome centers;

12 (B) proposed policies related to the use of charging stations by state
13 employees and the visiting public and a proposed fee structure;

14 (C) recommendations concerning the installation of electric vehicle
15 charging stations, identification of which recommendations require legislative
16 action, and proposed legislation to enact those recommendations;

17 (D) any other findings or recommendations the Commissioner
18 considers relevant.

19 (3) By December 15, 2014 and annually thereafter until December 15,
20 2018, the Commissioner shall report to the Committees specified in
21 subdivision (1) of this subsection on the number, use, and construction of

1 electric vehicle charging stations at state office buildings, rest areas, and
2 welcome centers and any recommendations in connection with such stations.
3 The annual report shall identify which recommendations require legislative
4 action and shall include proposed legislation to enact those recommendations.

5 (b) State fleet.

6 (1) On or before January 15, 2014, the Commissioner, after consultation
7 with the Secretary of Administration and any other persons the Commissioner
8 considers appropriate, shall submit to the House and Senate Committees on
9 Natural Resources and Energy, the House and Senate Committees on
10 Transportation, the House Committee on Corrections and Institutions, and the
11 Senate Committee on Institutions a report concerning whether and when
12 electric vehicles should be incorporated into the state fleet.

13 (2) In preparing the report required under this subsection, the
14 Commissioner shall:

15 (A) update the current methods used for lifecycle cost analysis of the
16 state fleet in order to account for the costs of carbon dioxide emissions and of
17 health impacts when considering environmental externalities;

18 (B) analyze the costs and benefits of incorporating electric vehicles
19 into the state fleet; and

1 (C)(i) if the Commissioner determines that the benefits of
2 incorporating electric vehicles into the state fleet exceed or will exceed the
3 costs within the next 5 years, prepare a plan and a target date for incorporating
4 electric vehicles into the state fleet and a strategy for integrating the plan into
5 the State Agency Energy Plan objectives set forth in 3 V.S.A. § 2291;

6 (ii) if the Commissioner determines that the costs of incorporating
7 electric vehicles into the state fleet will exceed the benefits over the next five
8 years, explain the basis for this conclusion.

9 (3) On January 15 following the year when electric vehicles are
10 incorporated into the state fleet, and annually thereafter for another four years,
11 the Commissioner shall report to the Committees specified in subdivision (1)
12 of this subsection on the incorporation of electric vehicles into the state fleet
13 and any savings in greenhouse gas emissions resulting from substituting
14 electric vehicles for vehicles powered with fossil fuels.

15 * * * Promoting the Use of Electric Vehicles * * *

16 Sec. 2. PROMOTING THE USE OF ELECTRIC VEHICLES

17 (a) The Secretary of Natural Resources (“Secretary”), in consultation with
18 Drive Electric Vermont, the Secretary of Transportation, the Commissioner of
19 Motor Vehicles, the Commissioner of Public Service, the Commissioner of
20 Taxes, and any other persons the Secretary considers appropriate, shall study
21 how the State should promote an expansion in the use of electric vehicles in

1 Vermont, consistent with achieving the State's greenhouse gas reduction goals
2 set forth in 10 V.S.A. § 578. The study shall include consideration of:

3 (1) the costs and benefits to the State of its offering incentives for the
4 purchase or sale of electric vehicles by consumers and businesses;

5 (2) the optimal siting of charging stations throughout the State taking
6 into account smart growth principles as defined in 24 V.S.A. § 2791(13), and
7 whether the State should subsidize or take other steps to facilitate the
8 installation of charging stations;

9 (3) whether and how to couple electric vehicle charging stations with
10 renewable electric generation resources;

11 (4) options to fund any cost to the State arising from recommendations
12 under subdivisions (1)–(3) of this section;

13 (5) any other issues the Secretary considers relevant.

14 (b) On or before December 15, 2013, the Secretary shall issue a written
15 report of the findings of the study required under subsection (a) of this section
16 and the Secretary's recommendations, and the reasons for those
17 recommendations, to the House and Senate Committees on Natural Resources
18 and Energy and the House and Senate Committees on Transportation. The
19 report shall include the Secretary's recommendations on how the State could
20 best promote an expansion in the use of electric vehicles. The report also shall

1 identify those recommendations requiring legislative action and include the
2 Secretary's proposed legislation to enact those recommendations.

3 (c) No later than December 15, 2014 and annually thereafter until
4 December 15, 2018, the Secretary shall report to the Committees specified in
5 subsection (b) of this section on the number and use of electric vehicles in
6 Vermont; the measures the State has taken, if any, to promote the expansion of
7 electric vehicles in Vermont and the cost of these measures; and any
8 recommendations related to promoting the use of electric vehicles in Vermont.

9 The report shall identify those recommendations requiring legislative action
10 and include the Secretary's proposed legislation to implement those
11 recommendations.

12 Sec. 3. 23 V.S.A. § 1043 is amended to read:

13 § 1043. OPERATION OF NEIGHBORHOOD ELECTRIC VEHICLES;-

14 ~~VEHICLE SALES REQUIREMENTS~~

15 * * *

16 (d) ~~Rules adopted under the provisions of 10 V.S.A. chapter 23 (air~~
17 ~~pollution control) shall not include a requirement for delivery or sales of~~
18 ~~electric vehicles that derive all of their power from batteries. [Repealed.]~~

1 * * * Comprehensive Energy Plan – Implementing

2 Transportation Sector Goals * * *

3 Sec. 4. STUDY OF FUNDING GAP

4 (a) The Secretary of Transportation (“Secretary”), in consultation with the
5 Commissioner of Public Service, the Secretary of Natural Resources, and any
6 other persons the Secretary deems appropriate, shall:

7 (1) identify the transportation-related goals stated in the 2011
8 Comprehensive Energy Plan to reduce petroleum consumption and energy use
9 in the transportation sector;

10 (2) measure the resources allocated to meet each of the goals identified;

11 (3) estimate the resources needed to meet each of the goals identified;

12 (4) estimate the gap between the resources needed and the resources
13 allocated to meeting the goals identified;

14 (5) assess potential revenue resources or other initiatives to close the gap
15 estimated under subdivision (4) of this subsection;

16 (6) formulate recommendations concerning the revenue sources and
17 other initiatives identified in subdivision (5) of this subsection, identify those
18 recommendations requiring legislative action, and draft proposed legislation to
19 implement those recommendations; and

1 (7) consider any other issues related to advancing the
2 transportation-related goals stated in the 2011 Comprehensive Energy Plan that
3 the Secretary deems appropriate.

4 (b) On or before December 15, 2013, the Secretary shall provide a written
5 report summarizing his or her findings and recommendations under subsection
6 (a) of this section to the House and Senate Committees on Transportation and
7 the House and Senate Committees on Energy and Natural Resources.

8 Sec. 5. 19 V.S.A. § 44 is added to read:

9 § 44. REPORT ON PROGRESS TOWARD COMPREHENSIVE ENERGY

10 PLAN GOALS

11 (a) Annually, on December 15, the Agency shall provide a written report to
12 the House and Senate Committees on Transportation and the House and Senate
13 Committees on Energy and Natural Resources summarizing the State's
14 progress toward achieving the transportation-related goals stated in the State's
15 Comprehensive Energy Plan, as may be amended, to reduce petroleum
16 consumption and energy use in the transportation sector.

17 (b) In preparing the report required under this section, the Agency shall,
18 upon request, receive assistance from the Secretary of Natural Resources, the
19 Commissioner of Public Service, and any other entity of the State that the
20 Secretary deems appropriate. The Secretary may also seek the assistance of
21 other persons.

1 Sec. 6. 19 V.S.A. § 42 is amended to read:

2 § 42. REPORTS PRESERVED

3 Notwithstanding 2 V.S.A. § 20(d), the reports or reporting requirements of
4 sections 7(k), 10b(d), 10c(k), 10c(l), 10e(c), 10g, 11f(i), 12a, 12b(d), ~~and~~
5 38(e)(2), and 44 of this title shall be preserved absent specific action by the
6 ~~general assembly~~ General Assembly repealing the reports or reporting
7 requirements.

8 * * * Public Transit * * *

9 Sec. 7. 24 V.S.A. § 5083 is amended to read:

10 § 5083. DECLARATION OF POLICY

11 (a) It shall be the ~~state's~~ State's policy to make maximum use of available
12 federal funds for the support of public transportation. State operating support
13 funds shall be included in agency operating budgets to the extent that funds are
14 available. State policy shall support the maintenance of existing public transit
15 services and creation of new services including, in order of precedence, the
16 following goals:

17 (1) Provision for basic mobility for transit-dependent persons, as defined
18 in the public transit policy plan of January 15, 2000, including meeting the
19 performance standards for urban, suburban, and rural areas. The density of a
20 service area's population is an important factor in determining whether the
21 service offered is fixed route, demand-response, or volunteer drivers.

