



General Assembly

January Session, 2011

Raised Bill No. 1168

LCO No. 4489

04489_____ET_

Referred to Committee on Energy and Technology

Introduced by:
(ET)

AN ACT CONCERNING AN ELECTRIC VEHICLE INFRASTRUCTURE.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2011*) Not later than July 1, 2012,
2 the State Building Inspector and the Codes and Standards Committee
3 shall revise the State Building Code adopted pursuant to section 29-252
4 of the general statutes to (1) provide for an electric vehicle
5 infrastructure to support any make, model or type of electric vehicle,
6 including a plug-in electric vehicle or an electric vehicle capable of
7 being charged by a forty-ampere, two hundred forty-volt electrical
8 charging circuit, (2) provide for bidirectional charging without
9 significant upgrading, provided electrical distribution companies have
10 achieved the capability to draw electricity from electric vehicles
11 connected to the utility grid, and (3) require all new residential and
12 certain commercial construction to have the capacity to support such
13 infrastructure.

14 Sec. 2. (NEW) (*Effective July 1, 2011*) Any hybrid or alternative fuel
15 vehicle may be driven on any state limited access highway lane
16 designated for use by high occupancy vehicles regardless of the

17 number of occupants of such hybrid or alternative fuel vehicle. For
18 purposes of this section, "hybrid or alternative fuel vehicle" means a
19 passenger car that (1) is hydrogen fuel-cell powered, or (2) draws
20 acceleration energy from two onboard sources of stored energy that
21 consists of either an internal combustion or heat engine which uses
22 combustible fuel and a rechargeable energy storage system.

23 Sec. 3. (NEW) (*Effective July 1, 2011*) There is established an account
24 to be known as the "electric vehicle infrastructure support account"
25 which shall be a separate, nonlapsing account within the General
26 Fund. The account shall contain any moneys required by law to be
27 deposited in the account. Moneys in the account shall be expended by
28 the Department of Public Utility Control for the purposes of providing
29 grants to businesses seeking to upgrade infrastructure to support the
30 use of electric and hydrogen fuel-cell powered vehicles state-wide.

31 Sec. 4. Subdivision (110) of section 12-412 of the general statutes is
32 repealed and the following is substituted in lieu thereof (*Effective July*
33 *1, 2011, and applicable to sales on and after July 1, 2011*):

34 (110) On and after January 1, 2008, and prior to July 1, [2010] 2013,
35 the sale of any hydrogen fuel cell or electric passenger motor vehicle,
36 as defined in section 14-1. [, that has a United States Environmental
37 Protection Agency estimated city or highway gasoline mileage rating
38 of at least forty miles per gallon.]

39 Sec. 5. Subdivision (16) of section 38a-816 of the general statutes is
40 repealed and the following is substituted in lieu thereof (*Effective July*
41 *1, 2011*):

42 (16) Failure to pay, as part of any claim for a damaged motor vehicle
43 under any automobile insurance policy where the vehicle has been
44 declared to be a constructive total loss, an amount equal to the sum of
45 (A) the settlement amount on such vehicle plus, whenever the insurer
46 takes title to such vehicle, (B) an amount determined by multiplying
47 such settlement amount by a percentage equivalent to the current sales

48 tax rate established in section 12-408, provided the insured paid sales
 49 tax on such vehicle. For purposes of this subdivision, "constructive
 50 total loss" means the cost to repair or salvage damaged property, or the
 51 cost to both repair and salvage such property, equals or exceeds the
 52 total value of the property at the time of the loss.

53 Sec. 6. (NEW) (*Effective from passage*) (a) For the purposes of this
 54 section: (1) "Level III fast charging station" means a facility for charging
 55 electric vehicles with equipment that uses direct current energy from
 56 an off-board charger; and (2) "off-board charger" means a device for
 57 charging an electric vehicle that is not mounted inside such vehicle.

58 (b) The Secretary of the Office of Policy and Management shall
 59 develop a plan to promote the use of electric vehicles in the state and
 60 to facilitate the state-wide installation of Level III fast charging
 61 stations. Such plan shall identify the resources necessary to promote
 62 such state-wide installation. On or before February 1, 2012, the
 63 secretary shall submit such plan, in accordance with the provisions of
 64 section 11-4a of the general statutes, to the joint standing committee of
 65 the General Assembly having cognizance of matters relating to energy
 66 and technology.

| | | |
|---|--|-------------|
| This act shall take effect as follows and shall amend the following sections: | | |
| Section 1 | <i>July 1, 2011</i> | New section |
| Sec. 2 | <i>July 1, 2011</i> | New section |
| Sec. 3 | <i>July 1, 2011</i> | New section |
| Sec. 4 | <i>July 1, 2011, and applicable to sales on and after July 1, 2011</i> | 12-412(110) |
| Sec. 5 | <i>July 1, 2011</i> | 38a-816(16) |
| Sec. 6 | <i>from passage</i> | New section |

Statement of Purpose:

To establish an electric vehicle infrastructure in the state.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]