



House of Representatives

General Assembly

File No. 465

February Session, 2022

House Bill No. 5039

House of Representatives, April 13, 2022

The Committee on Environment reported through REP. GRESKO of the 121st Dist., Chairperson of the Committee on the part of the House, that the bill ought to pass.

AN ACT CONCERNING MEDIUM AND HEAVY-DUTY VEHICLE EMISSION STANDARDS.

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

1 Section 1. Section 22a-174g of the general statutes is repealed and the
2 following is substituted in lieu thereof (*Effective July 1, 2022*):

3 (a) On or before December 31, 2004, the Commissioner of Energy and
4 Environmental Protection shall adopt regulations, in accordance with
5 the provisions of chapter 54, to implement the light duty motor vehicle
6 emission standards of the state of California, and shall amend such
7 regulations from time to time, in accordance with changes in said
8 standards. Such regulations shall be applicable to motor vehicles with a
9 model year 2008 and later. Such regulations may incorporate by
10 reference the California motor vehicle emission standards set forth in
11 final regulations issued by the California Air Resources Board pursuant
12 to Title 13 of the California Code of Regulations and promulgated under
13 the authority of Division 26 of the California Health and Safety Code, as
14 may be amended from time to time. Nothing in this section shall limit

15 the commissioner's authority to regulate motor vehicle emissions for
16 any other class of vehicle.

17 (b) As part of the state's implementation plan under the federal Clean
18 Air Act, the Commissioner of Energy and Environmental Protection
19 may establish a program to allow the sale, purchase and use of motor
20 vehicles which comply with any regulations adopted by the
21 commissioner which implement the California motor vehicles emissions
22 standards for purposes of generating any emission reduction credits
23 under said act. Nothing in this section shall prohibit the Commissioner
24 of Energy and Environmental Protection from establishing a program to
25 require the sale, purchase and use of motor vehicles which comply with
26 any regulations adopted by the commissioner which implement the
27 California motor vehicle emissions standards.

28 (c) The commissioner may adopt regulations, in accordance with the
29 provisions of chapter 54, to implement the medium and heavy-duty
30 motor vehicle standards of the state of California, and shall amend such
31 regulations from time to time, in accordance with changes to such
32 standards. Such regulations may incorporate by reference the California
33 motor vehicle standards established in final regulations issued by the
34 California Air Resources Board pursuant to Title 13 of the California
35 Code of Regulations and promulgated under the authority of Division
36 26 of the California Health and Safety Code, as may be amended from
37 time to time.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2022	22a-174g

ENV *Joint Favorable*

The following Fiscal Impact Statement and Bill Analysis are prepared for the benefit of the members of the General Assembly, solely for purposes of information, summarization and explanation and do not represent the intent of the General Assembly or either chamber thereof for any purpose. In general, fiscal impacts are based upon a variety of informational sources, including the analyst's professional knowledge. Whenever applicable, agency data is consulted as part of the analysis, however final products do not necessarily reflect an assessment from any specific department.

OFA Fiscal Note**State Impact:** None**Municipal Impact:** None**Explanation**

The bill authorizes the Department of Energy and Environmental Protection (DEEP) to adopt regulations implementing California's medium- and heavy-duty motor vehicle standards and requires the agency to amend these regulations whenever the California standards change. This has no fiscal impact as DEEP has the necessary expertise to adopt these regulations.

The Out Years**State Impact:** None**Municipal Impact:** None

OLR Bill Analysis**HB 5039*****AN ACT CONCERNING MEDIUM AND HEAVY-DUTY VEHICLE EMISSION STANDARDS.*****SUMMARY**

This bill authorizes the Department of Energy and Environmental Protection (DEEP) commissioner to adopt regulations implementing California's medium- and heavy-duty motor vehicle standards in Connecticut. It requires her, if she adopts these regulations, to amend them whenever the California standards change. The Connecticut regulations may incorporate by reference the California Air Resources Board's (CARB) adopted regulations.

State law already requires DEEP to adopt regulations implementing California's emissions standards for light-duty motor vehicles (e.g., passenger cars, SUVs, pickup trucks) and keep them current with changes California makes. The regulations applied beginning with the 2008 model year.

Under the federal Clean Air Act, all new vehicles sold in the United States must comply with emission standards set by either the U.S. Environmental Protection Agency or California (42 U.S.C. § 7507).

EFFECTIVE DATE: July 1, 2022

BACKGROUND***California Standards***

CARB adopted (1) a heavy-duty omnibus rule, which creates emission standards for engine manufacturers, and (2) an advanced clean trucks rule, which requires truck manufacturers to deliver for sale a certain percentage of advanced technology vehicles (i.e., zero-emission vehicles (ZEVs)).

Connecticut MOU Signatory

In July 2020, Connecticut signed onto a memorandum of understanding (MOU) with 14 other states and the District of Columbia to work collaboratively to reduce emissions from medium- and heavy-duty vehicles. The signatories' goal is to have all medium- and heavy-duty vehicle sales be ZEVs by 2050, with an interim goal of 30% ZEV sales by 2030.

Medium- and Heavy-duty Vehicles

The U.S. Department of Transportation categorizes vehicles based on gross vehicle weight ratings (GVWR). Medium-duty vehicles generally have a GVWR of between 10,000 and 26,000 pounds (e.g., box trucks, firetrucks). Heavy-duty vehicles have a GVWR of more than 26,000 pounds (e.g., city transit buses, cement mixers, refuse trucks, tractor trailers).

COMMITTEE ACTION

Environment Committee

Joint Favorable

Yea 21 Nay 10 (03/29/2022)