

SENATE, No. 718

STATE OF NEW JERSEY 218th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2018 SESSION

Sponsored by:

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District 14 (Mercer and Middlesex)

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District 5 (Camden and Gloucester)

SYNOPSIS

Establishes public-private alternative fueling station pilot program and requires DOT to conduct study.

CURRENT VERSION OF TEXT

Introduced Pending Technical Review by Legislative Counsel.



1 **AN ACT** concerning alternative fueling stations and supplementing
2 Title 27 of the Revised Statutes.

3

4 **BE IT ENACTED** *by the Senate and General Assembly of the State*
5 *of New Jersey:*

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7 1. a. The Department of Transportation, in consultation with
8 the Department of Environmental Protection, the New Jersey
9 Turnpike Authority, and the South Jersey Transportation Authority,
10 shall promulgate guidelines for the creation of an alternative fueling
11 station pilot program, for use by government-owned or privately-
12 owned vehicles.

13 The Department of Transportation shall work with electric and
14 gas public utilities and private fuel station vendors to offer
15 alternative fuels at public, private, and government-owned or
16 operated fueling stations, and may enter into an agreement with one
17 or more private entities or public utilities. The pilot program shall
18 include at least one alternative fueling station located in each of the
19 northern, central and southern regions of the State, and at least one
20 alternative fueling station shall be a charging station.

21 b. The Department of Transportation, in consultation with the
22 Department of Environmental Protection, the New Jersey Turnpike
23 Authority, and the South Jersey Transportation Authority, shall,
24 within one year after the date of enactment of this act, conduct a study
25 and prepare and submit to the Legislature a written report, pursuant
26 to section 2 of P.L.1991, c.164 (C.52:14-19.1), which shall analyze
27 the pilot program and shall make recommendations concerning: (1)
28 continuation of any State partnership with a private entity or public
29 utility, (2) increased access to, or increasing the number of,
30 alternative fueling stations and charging stations in the State, and
31 (3) identification of highway rest stops in the State where
32 alternative fueling stations, including charging stations, may be
33 installed.

34 The report shall also include a proposal and plan for the State to
35 install at least one charging station in each of the northern, central,
36 and southern regions of the State. The Department of
37 Transportation may consult with any private entities or public
38 utilities that are interested in installing a charging station or have
39 already installed such a system.

40 c. Upon completion of the report required pursuant to
41 subsection b. of this section, the Department of Transportation, or
42 other appropriate executive department or independent authority,
43 shall apply for any available federal grants or other funds for the
44 purposes of establishing alternative fueling stations. Upon receipt
45 of any federal grants or other funds, or any State funds made
46 available for the purpose, the Department of Transportation shall
47 install a charging station in each of the three regions of the State,
48 pursuant to the plan established in the report.

1 d. As used in this section:

2 “Alternative fuel” means a fuel that is substantially not
3 petroleum and would yield substantial energy security benefits and
4 substantial environmental benefits, as designated by section 301 of
5 the federal “Energy Policy Act of 1992,” Pub.L.102-486 (42 U.S.C.
6 s.13211) or by the United States Secretary of Energy. “Alternative
7 fuel” includes: ethanol, methanol, and other alcohols; blends of
8 85% or more of alcohol with gasoline, such as E85; natural gas and
9 liquid fuels domestically produced from natural gas, including
10 compressed natural gas and liquefied natural gas; liquefied
11 petroleum gas; coal-derived liquid fuels; hydrogen; electricity;
12 biodiesel; fuels, other than alcohol, derived from biological
13 materials; and other emerging fuels, such as P-Series.

14 “Alternative fueling station” means a public or private vehicle
15 fueling station that provides access to an alternative fuel, including
16 a charging station.

17 “Charging station” means a public or private vehicle fueling
18 station complete with electric vehicle supply equipment that is
19 capable of providing level 2 charging or level 3 charging for plug-in
20 electric vehicles.

21 “Level 2 charging” means an onboard charging system providing
22 a 240 volt alternate current electricity to a plug-in electric vehicle in
23 a single phase with a maximum current specified at 32 continuous
24 amps with a branch circuit breaker rated at 40 amps and a maximum
25 continuous input power specified at 7.68 kilowatts.

26 “Level 3 charging” means an offboard charging system
27 providing a 480 volt alternate current to a plug-in electric vehicle in
28 a three-phase circuit.

29 “Plug-in electric vehicle” means an on-road motor vehicle that
30 uses a battery to store the electrical energy to power the vehicle’s
31 motor and is charged or recharged from an external source of
32 electricity by plugging the vehicle into an electric power source,
33 such as an electric vehicle charging station.

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35 2. This act shall take effect immediately.

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STATEMENT

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40 This bill would establish a public-private alternative fueling
41 station pilot program.

42 The Department of Transportation (DOT), in consultation with
43 the Department of Environmental Protection (DEP), the New Jersey
44 Turnpike Authority (NJTA), and the South Jersey Transportation
45 Authority (SJTA), would promulgate guidelines for the creation of an
46 alternative fueling station pilot program, for use by government-owned
47 or privately-owned vehicles.

1 Under the bill, the DOT would work with public utilities and
2 private fuel station vendors to offer alternative fuels at public,
3 private, and government-owned or operated fueling stations, and
4 may enter into an agreement with one or more private entities or
5 public utilities. The pilot program would include at least one
6 alternative fueling station located in each of the northern, central and
7 southern regions of the State, and at least one alternative fueling
8 station would be a charging station.

9 The DOT, in consultation with the DEP, the NJTA, and the
10 SJTA, would, within one year after the date of enactment of this bill
11 into law, conduct a study and prepare and submit to the Legislature
12 a written report analyzing the pilot program and making
13 recommendations concerning: (1) continuation of any State
14 partnership with a private entity or public utility, (2) increased
15 access to, or increasing the number of, alternative fueling and
16 charging stations in the State, and (3) identification of highway rest
17 stops in the State where alternative fueling stations, including
18 charging stations, can be installed.

19 The report would also include a proposal and plan for the State
20 to install at least one charging station in each of the northern,
21 central, and southern regions of the State. The DOT would be able
22 to consult with any private entities or public utilities that are
23 interested in installing a charging station or have already installed
24 such a system.

25 Upon completion of the report, the DOT, or other appropriate
26 executive department or independent authority, would apply for any
27 available federal grants or other funds for the purposes of
28 establishing alternative fueling stations. Upon receipt of any
29 federal grants or other funds, or any State funds made available for
30 the purpose, the DOT would install a charging station in each of the
31 three regions of the State, pursuant to the plan established in the
32 report.