

SENATE, No. 2603

STATE OF NEW JERSEY 214th LEGISLATURE

INTRODUCED JANUARY 10, 2011

Sponsored by:

Senator LINDA R. GREENSTEIN

District 14 (Mercer and Middlesex)

Senator ANTHONY R. BUCCO

District 25 (Morris)

SYNOPSIS

Directs installation of electric vehicle charging stations at service areas on State's toll roads.

CURRENT VERSION OF TEXT

As introduced.



(Sponsorship Updated As Of: 9/27/2011)

1 AN ACT concerning electric vehicle charging stations,
2 supplementing P.L.1948, c.454 (C.27:23-1 et seq.) and P.L.1991,
3 c.252 (C.27:25A-1 et seq.).
4

5 **BE IT ENACTED** by the Senate and General Assembly of the State
6 of New Jersey:
7

8 1. a. As used in this section:

9 “Electric vehicle charging station” means an electric recharging
10 point complete with electric vehicle supply equipment that is
11 capable of providing level 2 charging for plug-in electric motor
12 vehicles;

13 “Electric vehicle supply equipment” means the conductors,
14 including the underground, grounded, and equipment grounding
15 conductors, and the electric vehicle connectors, attachment plugs,
16 and all other fittings, devices, power outlets, or apparatuses that are
17 installed specifically for the purpose of delivering electricity from
18 the premises wiring to a plug-in electric motor vehicle;

19 “Level 2 charging” means the provision of 208-240 volt alternate
20 current electricity to an onboard charger of a plug-in electric motor
21 vehicle in a single phase with a maximum current specified at 32
22 continuous amps with a branch circuit breaker rated at 40 amps and
23 a maximum continuous input power specified at 7.68 kilowatts; and

24 “Plug-in electric motor vehicle” means a vehicle propelled to a
25 significant extent by an electric motor which draws electricity from
26 a battery that is capable of being recharged from an external source
27 of electricity.

28 b. Notwithstanding any law, rule, or regulation to the contrary,
29 the New Jersey Turnpike Authority shall provide, within one year
30 after the effective date of this act, that no fewer than five percent of
31 parking spaces of each New Jersey Turnpike or Garden State
32 Parkway service area having at least 100 parking spaces to which
33 the public is invited shall be equipped with electric vehicle charging
34 stations.

35 c. The authority shall determine, in consultation with the Board
36 of Public Utilities, the costs to the authority associated with the
37 installation of, and provision of electricity through, the electric
38 vehicle charging stations, and shall recover such costs from
39 motorists who use the stations, in proportion to their use.
40

41 2. a. As used in this section:

42 “Electric vehicle charging station” means an electric recharging
43 point complete with electric vehicle supply equipment that is
44 capable of providing level 2 charging for plug-in electric motor
45 vehicles;

46 “Electric vehicle supply equipment” means the conductors,
47 including the underground, grounded, and equipment grounding
48 conductors, and the electric vehicle connectors, attachment plugs,

1 and all other fittings, devices, power outlets, or apparatuses that are
2 installed specifically for the purpose of delivering electricity from
3 the premises wiring to a plug-in electric motor vehicle;

4 “Level 2 charging” means the provision of 208-240 volt alternate
5 current electricity to an onboard charger of a plug-in electric motor
6 vehicle in a single phase with a maximum current specified at 32
7 continuous amps with a branch circuit breaker rated at 40 amps and
8 a maximum continuous input power specified at 7.68 kilowatts; and

9 “Plug-in electric motor vehicle” means a vehicle propelled to a
10 significant extent by an electric motor which draws electricity from
11 a battery that is capable of being recharged from an external source
12 of electricity.

13 b. Notwithstanding any law, rule, or regulation to the contrary,
14 the South Jersey Transportation Authority shall provide, within one
15 year after the effective date of this act, that no fewer than five
16 percent of parking spaces of each Atlantic City Expressway service
17 area having at least 100 parking spaces to which the public is
18 invited shall be equipped with electric vehicle charging stations.

19 c. The authority shall determine, in consultation with the Board
20 of Public Utilities, the costs to the authority associated with the
21 installation of, and provision of electricity through, the electric
22 vehicle charging stations, and shall recover such costs from
23 motorists who use the stations, in proportion to their use.

24

25 3. This act shall take effect immediately.

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STATEMENT

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30 This bill directs the New Jersey Turnpike Authority and the
31 South Jersey Turnpike Authority to equip service areas along the
32 toll roads under their jurisdiction with electric vehicle charging
33 stations which would charge plug-in electric motor vehicles. The
34 charging stations are required to be installed in at least five percent
35 of service area parking spaces in service areas with no less than 100
36 spaces to which the public is invited. The authorities are directed to
37 recover costs associated with the charging stations from motorists
38 who use the stations, according to their use.

39 The promotion of electric vehicles and hybrid electric vehicles,
40 and the infrastructure needed to recharge them, would serve to
41 reduce the purchase of foreign petroleum that supports an estimated
42 75 billion on-road vehicle miles traveled annually in the State. New
43 Jersey citizens, businesses and institutions pay billions of dollars
44 each year to foreign oil suppliers for the gasoline and diesel fuels
45 needed for that travel.