

[Third Reprint]

SENATE, No. 3667

STATE OF NEW JERSEY
219th LEGISLATURE

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Sponsored by:

Senator BOB SMITH

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SYNOPSIS

Codifies certain energy goals related to 2019 Energy Master Plan.

CURRENT VERSION OF TEXT

As reported by the Assembly Science, Innovation and Technology Committee on December 9, 2021, with amendments.



1 AN ACT concerning State energy goals and supplementing Title 48
2 of the Revised Statutes.

3

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

6

7 1. a. Based on the 2019 New Jersey Energy Master Plan,
8 prepared pursuant to section 12 of P.L.1977, c.146 (C.52:27F-14),
9 ³and the “New Jersey Global Warming Response Act 80x50
10 Report” published by the Department of Environmental Protection
11 in October 2020 pursuant to the “Global Warming Response Act,”
12 P.L.2007, c.112 (C.26:2C-37 et al.),³ there are established the
13 following State goals ²related to electric vehicles and the
14 transportation sector² :

15 (1) by 2025, at least 330,000 light-duty electric vehicles shall be
16 registered in the State ³and there shall be sufficient distribution
17 capacity and charging infrastructure to support their convenient and
18 efficient charging³;

19 (2) ³**【beginning in the fiscal year after appropriate charging**
20 **infrastructure is operational, at least 50 percent of the light duty**
21 **passenger vehicles purchased by the Department of the Treasury**
22 **shall be electric vehicles】** by 2035, 100 percent of light-duty
23 vehicles sold in the State shall be electric vehicles³;

24 (3) ³by December 31, 2025, 25 percent of State-owned non-
25 emergency light-duty vehicles shall be electric vehicles, and by
26 2035, 100 percent of State-owned non-emergency light-duty
27 vehicles shall be electric vehicles pursuant to section 3 of P.L.2019,
28 c. 362 (C.48:25-3);

29 (4) sufficient charging infrastructure shall be installed to ensure
30 the goals in paragraph (3) of this subsection can be met; and

31 (5)³ by 2025, the New Jersey Transit Corporation shall ²【operate
32 at least one】 have in development a prototype of a² battery electric
33 train ²【;

34 (4) by 2025, the Port Authority of New York and New Jersey
35 shall emit 35 percent less greenhouse gases, measured by carbon
36 dioxide equivalent, than the authority emitted during 2006;

37 (5) by 2025, at least 50 percent of the light duty vehicles owned
38 by the Port Authority of New York and New Jersey shall be electric
39 vehicles;

40 (6) by 2025, at least 35 percent of the electricity used in the State
41 shall be produced by renewable sources;

42 (7) by 2030, at least 50 percent of the electricity used in the State
43 shall be produced by renewable sources;

44 (8)**】** .

EXPLANATION – Matter enclosed in bold-faced brackets 【thus】 in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Senate SEN committee amendments adopted May 11, 2021.

²Assembly AEN committee amendments adopted November 15, 2021.

³Assembly AST committee amendments adopted December 9, 2021.

b. Based on the 2019 New Jersey Energy Master Plan, prepared pursuant to section 12 of P.L.1977, c.146 (C.52:27F-14), ³and the “New Jersey Global Warming Response Act 80x50 Report” published by the Department of Environmental Protection in October 2020 pursuant to the “Global Warming Response Act,” P.L.2007, c.112 (C.26:2C-37 et al.),³ there are established the following State goals related to the use of clean energy in the State:

(1) the State shall adopt a clean energy standard ³for the generation of electricity³ which recognizes electricity produced by all non-carbon emitting resources, including renewable energy, nuclear energy, and other non-emitting technologies;

(2) the State shall ³[match the issuance of renewable energy certificates or other clean energy standard credits with the consumption of electricity in the State to ensure that clean energy production occurs at the same time as energy is consumed] provide that the value of any renewable energy certificates or clean energy-related certificates retired in compliance with State law reflects the environmental benefits of the energy produced³;

(3)² by 2030, offshore wind facilities ³[in the State]³ shall generate at least 3.5 gigawatts of ³the³ power ³consumed by New Jersey consumers³;

²[(9)] (4)² by 2035, offshore wind facilities ³[in the State]³ shall generate at least 7.5 gigawatts of ³the³ power ³consumed by New Jersey consumers³;

²[(10)] (5)² by 2035, ²[electric power utilities ¹and energy storage companies¹ in]² the State shall ²[possess] provide for the installation of 2.5 gigawatts of² energy storage systems capable of ²[discharging to the grid two gigawatts of electric power for at least 24 hours] storing electricity to provide four hours of continuous discharge ³at their rated capacity³;

(6) by 2050, the State shall provide for the installation of 8.7 gigawatts of energy storage systems capable of storing electricity to provide four hours of continuous discharge² ³at their rated capacity³; and

²[(11) beginning in 2023,] (7)² the owner or operator of each commercial building over 25,000 square feet in New Jersey shall benchmark the building's energy and water use for the prior calendar year using the United States Environmental Protection Agency's Portfolio Manager tool.

²[b.] c.² The Board of Public Utilities, Department of the Treasury, New Jersey Transit Corporation, ²[Port Authority of New York and New Jersey,]² Department of Community Affairs, Department of Transportation, and Department of Environmental Protection shall review the applicable rules and regulations and notify, in writing, the President of the Senate and Speaker of the

1 General Assembly, as well as the respective chairpersons of the
2 Senate Environment and Energy Committee, the Assembly
3 Agriculture and Natural Resources Committee, and the Assembly
4 Environment and Solid Waste Committee, or their designated
5 successors, of any instances in which the existing statutory
6 authority is insufficient to achieve the goals set forth in
7 ³[subsection] subsections³ a. ³and b.³ of this section.

8 ²[c.] d.² The ²[Department of Environmental Protection] Board
9 of Public Utilities² shall prepare an annual report, beginning one
10 year after the effective date of this act and ending in 2035, on the
11 State's progress in achieving the goals set forth in ²[subsection]
12 subsections² a. ²and b.² of this section. The ²[department] board²
13 shall submit each report to the Governor and to the Legislature
14 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1).

15 ²e. Commencing with the first update of the energy master plan,
16 adopted pursuant to section 12 of P.L.1977, c.146 (C.52:27F-14),
17 occurring after the date of enactment of this act, the Energy Master
18 Plan Committee shall ensure that the energy master plan conforms
19 to, or exceeds, the goals set forth in this act ³, unless an alternative
20 set of goals has been found, through the energy master plan
21 development, to result in more rapid reduction of Statewide
22 greenhouse gas emissions and deeper decarbonization at a
23 comparable or lower cost^{3 2}.

24
25 2. This act shall take effect immediately.