

[First Reprint]

ASSEMBLY, No. 5720

STATE OF NEW JERSEY
219th LEGISLATURE

INTRODUCED MAY 17, 2021

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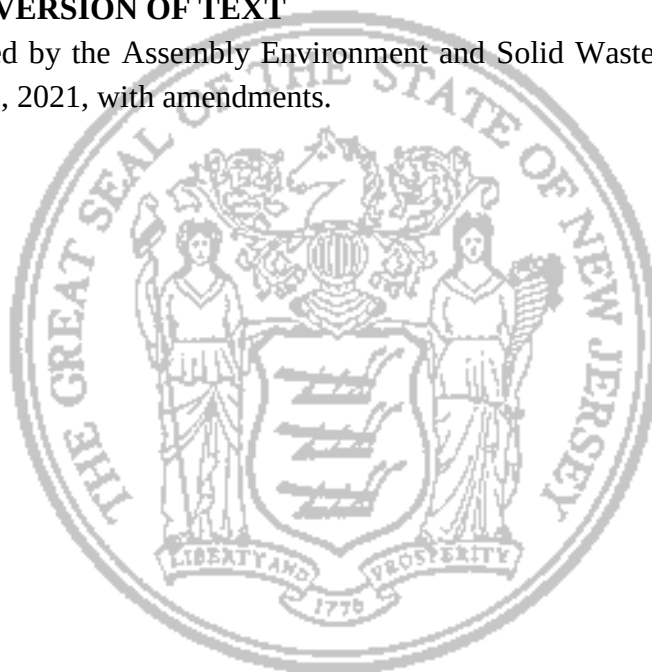
Assemblyman Karabinchak

SYNOPSIS

Codifies certain energy goals related to 2019 Energy Master Plan.

CURRENT VERSION OF TEXT

As reported by the Assembly Environment and Solid Waste Committee on November 15, 2021, with amendments.



(Sponsorship Updated As Of: 11/15/2021)

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 there are established the following State goals ¹related to electric
10 vehicles and the transportation sector¹ :

11 (1) by 2025, at least 330,000 light-duty electric vehicles shall be
12 registered in the State;

13 (2) beginning in the fiscal year after appropriate charging
14 infrastructure is operational, at least 50 percent of the light duty
15 passenger vehicles purchased by the Department of the Treasury
16 shall be electric vehicles;

17 (3) by 2025, the New Jersey Transit Corporation shall ¹**【operate**
18 **at least one】** have in development a prototype of a¹ battery electric
19 train ¹**【**;

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

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

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

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

30 (8)**】** .

31 b. Based on the 2019 New Jersey Energy Master Plan, prepared
32 pursuant to section 12 of P.L.1977, c.146 (C.52:27F-14), there are
33 established the following State goals related to the use of clean
34 energy in the State:

35 (1) the State shall adopt a clean energy standard which
36 recognizes electricity produced by all non-carbon emitting
37 resources, including renewable energy, nuclear energy, and other
38 non-emitting technologies;

39 (2) the State shall match the issuance of renewable energy
40 certificates or other clean energy standard credits with the
41 consumption of electricity in the State to ensure that clean energy
42 production occurs at the same time as energy is consumed;

43 (3)¹ by 2030, offshore wind facilities in the State shall generate
44 at least 3.5 gigawatts of power;

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:

¹Assembly AEN committee amendments adopted November 15, 2021.

- 1 ¹[(9)] (4)¹ by 2035, offshore wind facilities in the State shall
2 generate at least 7.5 gigawatts of power;
- 3 ¹[(10)] (5)¹ by 2035, ¹[electric power utilities in]¹ the State
4 shall ¹[possess] provide for the installation of 2.5 gigawatts of¹
5 energy storage systems capable of ¹[discharging to the grid two
6 gigawatts of electric power for at least 24 hours] storing electricity
7 to provide four hours of continuous discharge;
- 8 (6) by 2050, the State shall provide for the installation of 8.7
9 gigawatts of energy storage systems capable of storing electricity to
10 provide four hours of continuous discharge¹ ; and
- 11 ¹[(11) beginning in 2023,] (7)¹ the owner or operator of each
12 commercial building over 25,000 square feet in New Jersey shall
13 benchmark the building's energy and water use for the prior
14 calendar year using the United States Environmental Protection
15 Agency's Portfolio Manager tool.
- 16 ¹[b.] c.¹ The Board of Public Utilities, Department of the
17 Treasury, New Jersey Transit Corporation, ¹[Port Authority of New
18 York and New Jersey,]¹ Department of Community Affairs,
19 Department of Transportation, and Department of Environmental
20 Protection shall review the applicable rules and regulations and
21 notify, in writing, the President of the Senate and Speaker of the
22 General Assembly, as well as the respective chairpersons of the
23 Senate Environment and Energy Committee, the Assembly
24 Agriculture and Natural Resources Committee, and the Assembly
25 Environment and Solid Waste Committee, or their designated
26 successors, of any instances in which the existing statutory
27 authority is insufficient to achieve the goals set forth in subsection
28 a. of this section.
- 29 ¹[c.] d.¹ The ¹[Department of Environmental Protection] Board
30 of Public Utilities¹ shall prepare an annual report, beginning one
31 year after the effective date of this act and ending in 2035, on the
32 State's progress in achieving the goals set forth in ¹[subsection]
33 subsections¹ a. ¹and b.¹ of this section. The ¹[department] board¹
34 shall submit each report to the Governor and to the Legislature
35 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1).
- 36 ¹e. Commencing with the first update of the energy master plan,
37 adopted pursuant to section 12 of P.L.1977, c.146 (C.52:27F-14),
38 occurring after the date of enactment of this act, the Energy Master
39 Plan Committee shall ensure that the energy master plan conforms
40 to, or exceeds, the goals set forth in this act.¹
- 41
- 42 2. This act shall take effect immediately.