

**SENATE . . . . . No. 2008**

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**The Commonwealth of Massachusetts**

PRESENTED BY:

***Marc R. Pacheco***

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act relative to energy storage procurement for 2030 and 2035.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Marc R. Pacheco</i>	<i>First Plymouth and Bristol</i>	
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	<i>1/31/2019</i>
<i>Maria Duaiame Robinson</i>	<i>6th Middlesex</i>	<i>2/1/2019</i>
<i>Michael O. Moore</i>	<i>Second Worcester</i>	<i>4/24/2019</i>

**SENATE . . . . . No. 2008**

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By Mr. Pacheco, a petition (accompanied by bill, Senate, No. 2008) of Marc R. Pacheco, James B. Eldridge and Maria Duaine Robinson for legislation relative to energy storage procurement for 2025 and 2030. Telecommunications, Utilities and Energy.

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[SIMILAR MATTER FILED IN PREVIOUS SESSION  
SEE SENATE, NO. 1874 OF 2017-2018.]

**The Commonwealth of Massachusetts**

\_\_\_\_\_  
**In the One Hundred and Ninety-First General Court  
(2019-2020)**  
\_\_\_\_\_

An Act relative to energy storage procurement for 2030 and 2035.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1           SECTION 29. Chapter 25A of the General Laws is hereby amended by adding the  
2 following section:-

3           Section 17. (a) The department shall establish an energy storage system target for the  
4 deployment of energy storage systems by distribution company customers, distribution  
5 companies and municipal lighting plants to achieve a statewide energy storage deployment target  
6 of 2,000 megawatts by January 1, 2030 and a subsequent statewide energy storage deployment  
7 target to be achieved by January 1, 2035. The department shall set annual statewide deployment  
8 targets to be achieved in each distribution company’s and municipal lighting plant’s service  
9 territory in order to reach the energy storage system targets required under this section.

10 (b) To achieve the annual targets established in subsection (a), the department may  
11 consider a variety of deployment mechanisms and may require policies to encourage the cost-  
12 effective deployment of energy storage systems including, but not limited to: (i) distribution  
13 company or municipal lighting plant programs to encourage private deployment of energy  
14 storage systems by their customers; (ii) procurement of cost-effective energy storage systems to  
15 be owned and operated by a distribution company; provided, however, that any such  
16 procurement shall finance the deployment of energy storage systems for the purpose of: (1) a  
17 nonwires alternative to investment in distribution; (2) deferring investment in distribution  
18 infrastructure that would otherwise be needed to address actual or forecasted overloads on  
19 distribution circuits or at substations; or (3) improving the capability of the distribution system to  
20 recover from adverse events that otherwise could result in long-term outages in critical areas of  
21 the distribution system; (iii) the use of alternative compliance payments collected pursuant to  
22 subsection (e) to fund a grant program for private development; and (iv) the use of energy storage  
23 to replace fossil generation and the use of energy efficiency funds under section 19 of chapter 25  
24 if the department determines that customer-owned energy storage provides sustainable peak load  
25 reductions on either the electric or gas distribution systems and is otherwise consistent with  
26 section 11G of this chapter.

27 (c) A distribution company shall not own or operate energy storage systems equal to  
28 more than 20 per cent of the annual target established by the department for the distribution  
29 company's service territory established in subsection (a) for the purpose of achieving the annual  
30 targets; provided, however, that the department shall ensure that no distribution company shall  
31 prevent or interfere with a customer or developer's ability to enter into agreements to own or  
32 operate behind the meter energy storage systems.

33 (d) Each distribution company and municipal lighting plant shall annually make a map  
34 available that identifies areas of critical need for energy storage systems within their service  
35 territory. Each distribution company and municipal light plant shall identify on the map areas of  
36 actual or forecasted overloads on distribution circuits or at substations. The map shall aggregate  
37 system detail as necessary for distribution system security.

38 (e) The department shall promulgate regulations to: (i) establish a carve-out of the  
39 alternative energy portfolio standard obligation under section 11F1/2 for energy storage systems  
40 as defined in section 1 of chapter 164; and (ii) allow each distribution company and municipal  
41 lighting plant to discharge its obligations under this section by either procuring attributes from  
42 energy storage systems that qualify under the carve-out established pursuant to this section or by  
43 making an alternative compliance payment in an amount to be established by the department.  
44 The regulations shall require distribution companies and municipal lighting plants to annually  
45 submit to the department a report that shows it is in compliance with this section.

46 (f) Annually, not later than December 1, the department shall make available on its  
47 website a report on the energy storage system target program.

48 (g) The department shall promulgate regulations to implement this section.