

# **HOUSE . . . . . No. 4738**

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## The Commonwealth of Massachusetts

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HOUSE OF REPRESENTATIVES, July 11, 2018.

The committee on Ways and Means, to whom was referred the Bill to increase renewable energy and reduce high-cost peak hours (House, No. 4575), reports recommending that the same ought to pass with an amendment substituting therefor the accompanying bill (House, No. 4738).

For the committee,

JEFFREY SÁNCHEZ.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninetieth General Court  
(2017-2018)**  
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An Act to increase renewable energy and reduce high-cost peak hours.

*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 1. Section 3 of chapter 25A of the General Laws, as appearing in the 2016  
2 Official Edition, is hereby amended by inserting after the definition of “Building authority” the  
3 following 2 definitions:-

4           “Clean peak certificate”, a credit received for each megawatt hour of energy or energy  
5 reserves provided during a seasonal peak period that represents a compliance mechanism.

6           “Clean peak resource”, a qualified RPS resource, a qualified energy storage system or a  
7 demand response resource which generates or provides electricity to the electric distribution  
8 system during seasonal peak periods.

9           SECTION 2. Said section 3 of said chapter 25A, as so appearing, is hereby further  
10 amended by inserting after the definition of “Commissioner” the following definition:-

11           “Demand response resource”, changes in electric usage by end-use customers in the  
12 commonwealth from their normal consumption patterns in response to (a) changes in the price of

13 electricity over time or (b) incentive payments designed to induce lower electricity use at times  
14 of high wholesale market prices or when system reliability is jeopardized.

15 SECTION 3. Said section 3 of said chapter 25A, as so appearing, is hereby further  
16 amended by inserting after the definition of “Petroleum products” the following definition:-

17 “Qualified energy storage system”, an energy storage system, as defined in section 1 of  
18 chapter 164, that commenced commercial operation on or after January 1, 2019; provided  
19 however, that such system utilizes renewable energy, as defined in said section 1 of said chapter  
20 164.

21 SECTION 4. Said section 3 of said chapter 25A, as so appearing, is hereby further  
22 amended by inserting after the definition of “Qualified provider” the following definition:-

23 “Qualified RPS resource”, a Class I renewable energy generating resource, as defined in  
24 subsection (c) of section 11F, that has (a) installed a qualified energy storage system at its  
25 facility or (b) commenced commercial operation on or after January 1, 2019.

26 SECTION 5. Said section 3 of said chapter 25A, as so appearing, is hereby further  
27 amended by inserting after the definition of “Responsive offeror” the following definition:-

28 “Seasonal peak periods”, the daily time windows during any of the 4 annual seasons  
29 when the net demand of electricity is the highest; provided however, that a seasonal peak period  
30 shall be no less than 1 hour and no longer than 4 hours in any season, as determined by the  
31 department.

32 SECTION 6. Section 11F of said chapter 25A, as so appearing, is hereby amended by  
33 striking out, in lines 16 and 17, the words “and (3) an additional 1 per cent of sales every year

34 thereafter” and inserting in place thereof the following words:- (3) an additional 1 per cent of  
35 sales each year thereafter until December 31, 2020; (4) an additional 2 per cent of sales each year  
36 thereafter until December 31, 2030; and (5) an additional 1 per cent of sales every year  
37 thereafter.

38 SECTION 7. Chapter 25A of the General Laws, is hereby further amended by adding the  
39 following section:-

40 Section 17. (a) The department shall establish a clean peak standard for all retail  
41 electricity suppliers selling electricity to end-use customers in the commonwealth. By December  
42 31, 2018 the department shall determine the current percentage of kilowatt-hours sales to end-use  
43 customers in the commonwealth from existing clean peak resources during the seasonal peak  
44 load hours to establish a baseline minimum percentage of kilowatt-hours sales to end-use  
45 customers that must be met with clean peak certificates beginning on January 1, 2019. Each year  
46 thereafter, every retail electricity supplier in the commonwealth shall provide a minimum  
47 percentage of at least an additional 0.25 per cent of sales by retail electricity suppliers in the  
48 commonwealth that must be met with clean peak certificates, as determined by the department.

49 (b) A qualified RPS resource may generate both a clean peak certificate and a renewable  
50 energy certificate under section 11F of this chapter for electricity generated and delivered to the  
51 electric grid during a seasonal peak period.

52 (c) The department shall promulgate regulations to implement this section, including, but  
53 not limited to: (i) the establishment of seasonal peak periods; (ii) the methodology by which  
54 clean peak certificate values shall be established, which may include a process by which electric  
55 distribution companies competitively procure clean peak certificates from clean peak resources

56 and enter into long-term contracts, subject to the approval of the department of public utilities;  
57 (iii) an alternative compliance mechanism for retail electricity suppliers; and (iv) the procedures  
58 by which each retail electricity supplier shall annually submit for the department's review a  
59 filing demonstrating its compliance with the requirements of this section.

60 SECTION 8. Section 17 of chapter 25A is hereby repealed.

61 SECTION 9. Section 8 shall take effect on January 1, 2051.