

HOUSE No. 2852

The Commonwealth of Massachusetts

PRESENTED BY:

Thomas J. Calter and Paul W. Mark

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 net metering, community shared solar and energy storage.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	DATE ADDED:
<i>Thomas J. Calter</i>	<i>12th Plymouth</i>	<i>1/15/2015</i>
<i>Paul W. Mark</i>	<i>2nd Berkshire</i>	<i>1/16/2015</i>
<i>Cory Atkins</i>	<i>14th Middlesex</i>	<i>1/23/2015</i>
<i>Christine P. Barber</i>	<i>34th Middlesex</i>	<i>2/1/2015</i>
<i>Jennifer E. Benson</i>	<i>37th Middlesex</i>	<i>1/26/2015</i>
<i>Paul Brodeur</i>	<i>32nd Middlesex</i>	<i>2/4/2015</i>
<i>Antonio F. D. Cabral</i>	<i>13th Bristol</i>	<i>2/3/2015</i>
<i>James M. Cantwell</i>	<i>4th Plymouth</i>	<i>1/30/2015</i>
<i>Evandro C. Carvalho</i>	<i>5th Suffolk</i>	<i>2/4/2015</i>
<i>Marjorie C. Decker</i>	<i>25th Middlesex</i>	<i>2/3/2015</i>
<i>Daniel M. Donahue</i>	<i>16th Worcester</i>	<i>2/4/2015</i>
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	<i>1/23/2015</i>
<i>Sean Garballey</i>	<i>23rd Middlesex</i>	<i>2/3/2015</i>
<i>Denise C. Garlick</i>	<i>13th Norfolk</i>	<i>2/1/2015</i>
<i>Colleen M. Garry</i>	<i>36th Middlesex</i>	<i>1/30/2015</i>
<i>Carmine L. Gentile</i>	<i>13th Middlesex</i>	<i>2/2/2015</i>
<i>Anne M. Gobi</i>	<i>Worcester, Hampden, Hampshire and Middlesex</i>	<i>2/3/2015</i>

<i>Jonathan Hecht</i>	<i>29th Middlesex</i>	<i>1/26/2015</i>
<i>Kate Hogan</i>	<i>3rd Middlesex</i>	<i>2/3/2015</i>
<i>Mary S. Keefe</i>	<i>15th Worcester</i>	<i>1/30/2015</i>
<i>Kay Khan</i>	<i>11th Middlesex</i>	<i>2/1/2015</i>
<i>Peter V. Kocot</i>	<i>1st Hampshire</i>	<i>1/21/2015</i>
<i>Stephen Kulik</i>	<i>1st Franklin</i>	<i>1/22/2015</i>
<i>Paul McMurtry</i>	<i>11th Norfolk</i>	<i>1/26/2015</i>
<i>William Smitty Pignatelli</i>	<i>4th Berkshire</i>	<i>1/29/2015</i>
<i>Denise Provost</i>	<i>27th Middlesex</i>	<i>1/21/2015</i>
<i>Angelo J. Puppolo, Jr.</i>	<i>12th Hampden</i>	<i>2/1/2015</i>
<i>Daniel J. Ryan</i>	<i>2nd Suffolk</i>	<i>2/4/2015</i>
<i>Tom Sannicandro</i>	<i>7th Middlesex</i>	<i>1/30/2015</i>
<i>Paul A. Schmid, III</i>	<i>8th Bristol</i>	<i>2/3/2015</i>
<i>John W. Scibak</i>	<i>2nd Hampshire</i>	<i>2/2/2015</i>
<i>Frank I. Smizik</i>	<i>15th Norfolk</i>	<i>1/30/2015</i>
<i>Timothy J. Toomey, Jr.</i>	<i>26th Middlesex</i>	<i>2/4/2015</i>
<i>Chris Walsh</i>	<i>6th Middlesex</i>	<i>2/4/2015</i>
<i>Ellen Story</i>	<i>3rd Hampshire</i>	<i>1/23/2015</i>

HOUSE No. 2852

By Messrs. Calter of Kingston and Mark of Peru, a petition (accompanied by bill, House, No. 2852) of Thomas J. Calter and others relative to net metering, community shared solar and energy storage. Telecommunications, Utilities and Energy.

The Commonwealth of Massachusetts

**In the One Hundred and Eighty-Ninth General Court
(2015-2016)**

An Act relative to net metering, community shared solar and energy storage.

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. Chapter 25 A of the General Laws is hereby amended by inserting after
2 section 11I the following sections:-

3 Section 11J. The department shall establish a Commonwealth Solar Program for all retail
4 electricity suppliers selling electricity to end-use customers in the commonwealth to encourage
5 the development of solar photovoltaic technology by residential, commercial, governmental and
6 industrial electric customers throughout the Commonwealth. The program shall be structured to
7 achieve 20 per cent solar electricity, measured by the sale of retail electricity to end-use
8 customers in the commonwealth, by December 31, 2025.

9 SECTION 2. Section 139 of chapter 164 is hereby amended by striking out paragraph
10 (f), appearing in the 2012 Official Edition, and inserting in place thereof the following
11 paragraph:-

12 (f) The aggregate net metering capacity for solar net metering facilities shall be 1600
13 megawatts DC of solar photovoltaic facilities interconnected to the distribution system of a
14 distribution company, as defined in section 1 of chapter 164. The aggregate net metering
15 capacity of facilities that are a non-solar Class I facility, a non-solar agricultural net metering
16 facility, a wind net metering facility, or an anaerobic digestion net metering facility shall not
17 exceed 3 per cent of the distribution company's peak load, which includes all such facilities that
18 are interconnected or have been approved as eligible for net metering as of the effective date of
19 this section. The maximum amount of nameplate capacity eligible for net metering by a
20 municipality or other governmental entity under this section shall be 10 megawatts AC. For the
21 purpose of calculating the aggregate capacity, the capacity of a non-solar Class I facility, a non-
22 solar agricultural net metering facility, a wind net metering facility or an anaerobic digestion net
23 metering facility shall be its nameplate rating.

24 SECTION 3. Said section 139 of said chapter 164 is hereby further amended by striking
25 out paragraph (i), as so appearing, and inserting in place thereof the following paragraph:-

26 (i) Class I and Class II net metering facilities that are not net metering facilities of a
27 municipality or other government entity shall be exempt from the aggregate net metering
28 capacity of facilities under subsection (f).

29 SECTION 4. Chapter 164 of the General Laws is hereby amended by inserting after
30 section 145 the following section:-

31 Section 146. On or before January 1, 2016, the department shall open a proceeding to
32 establish an energy storage program. This program shall be designed to enable cost effective
33 energy storage systems that reduce greenhouse gas emissions, reduce demand for peak electrical

34 generation, defer or substitute for an investment in distribution or transmission assets, provide
35 back-up or emergency power, ancillary services, or improve the reliable operation of the
36 distribution grid. In considering policies pursuant to this section, the department shall consider
37 the integration of energy storage systems with other programs, including grid modernization,
38 renewable and alternative portfolio standards and demand-side management. Such program shall
39 take effect no later than January 1, 2017.

40 SECTION 5. Notwithstanding any general or special law to the contrary, any community
41 shared solar energy system, shall be exempt from taxes, for a period of 20 years from the date of
42 interconnection, imposed by chapter 59 of the General Laws. For the purposes of this section,
43 "community shared solar energy system" shall mean a solar powered system or device or a
44 combination of solar powered systems or devices collectively owned by residents or non utility
45 businesses that are placed on property owned by a cooperating local property owner, nonprofit
46 organization or non utility business for the purpose of heating or otherwise supplying not more
47 than 125 per cent of the annual energy needs of each of the owners of the system or device;
48 provided, however, that (i) the ownership units shall be less than or equal to 25 kilowatts each
49 and (ii) the owner of a community solar energy system unit shall receive an exemption in
50 proportion to the owner's share of the system, as determined by the proportion of energy
51 generated for use by the owner.

52 SECTION 6. Section 5 shall take effect on January 1, 2016.