HOUSE No. 2831

The Commonwealth of Massachusetts

PRESENTED BY:

Mark J. Cusack

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 authorizing resiliency measures under commercial property assessed clean energy.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	DATE ADDED:
Mark J. Cusack	5th Norfolk	1/17/2019
Mike Connolly	26th Middlesex	1/28/2019
David M. Rogers	24th Middlesex	1/29/2019
Jennifer E. Benson	37th Middlesex	1/29/2019
Paul McMurtry	11th Norfolk	1/30/2019
Carmine Lawrence Gentile	13th Middlesex	1/31/2019
Carlos González	10th Hampden	1/31/2019
Christina A. Minicucci	14th Essex	1/31/2019
Liz Miranda	5th Suffolk	2/1/2019
Tommy Vitolo	15th Norfolk	2/1/2019
Jack Patrick Lewis	7th Middlesex	2/1/2019
Bruce E. Tarr	First Essex and Middlesex	2/1/2019
Tami L. Gouveia	14th Middlesex	2/1/2019
Rebecca L. Rausch	Norfolk, Bristol and Middlesex	2/1/2019
William J. Driscoll, Jr.	7th Norfolk	2/1/2019
Steven Ultrino	33rd Middlesex	2/1/2019
Michelle L. Ciccolo	15th Middlesex	2/1/2019
Kay Khan	11th Middlesex	2/1/2019

Brendan P. Crighton	Third Essex	2/1/2019
Maria Duaime Robinson	6th Middlesex	2/1/2019
Daniel R. Cullinane	12th Suffolk	2/1/2019

HOUSE No. 2831

By Mr. Cusack of Braintree, a petition (accompanied by bill, House, No. 2831) of Mark J. Cusack and others relative to clean energy at certain commercial properties. Telecommunications, Utilities and Energy.

The Commonwealth of Massachusetts

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

An Act authorizing resiliency measures under commercial property assessed clean energy.

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 1 of Chapter 23M of the General Laws, as appearing in the 2016
2	Official Edition, is hereby amended by inserting in line 26 after the words "other conventional
3	energy sources" the following:-
4	", or (3) participation in a district heating and cooling system by qualifying commercial
5	or industrial real property, or (4) participation in a microgrid, including any related infrastructure
6	for such microgrid, by qualifying commercial or industrial real property, provided such
7	microgrid and any related infrastructure incorporate clean energy, or (5) participation in an
8	energy storage system by qualifying commercial or industrial property when paired with
9	renewable energy generation"
10	SECTION 2. Said Section 1, as so appearing, is further amended by inserting the

11 following definitions:-

"District heating and cooling system", a local system consisting of a central generation
source and network of pipes that use hot water, chilled water, or steam to provide space heating,
cooling and/or hot water to multiple buildings.

15 "Energy storage system", a commercially available technology that is capable of 16 absorbing energy, storing it for a period of time and thereafter dispatching the energy; provided, 17 however, that an energy storage system shall (1) use mechanical, chemical or thermal processes 18 to store energy that was generated for use at a later time; (2) store thermal energy for direct 19 heating or cooling use at a later time in a manner that avoids the need to use electricity at that 20 later time; (3) use mechanical, chemical or thermal processes to store energy generated from 21 renewable resources for use at a later time; or (4) use mechanical, chemical or thermal processes 22 to capture or harness waste electricity and to store the waste electricity generated from 23 mechanical processes for delivery at a later time.

24 "Microgrid", a group of interconnected loads and distributed energy sources within 25 clearly defined electrical boundaries that acts as a single controllable entity with respect to the 26 grid and that connects and disconnects from such grid to enable it to operate in both grid 27 connected and island mode.

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