

SENATE No.

The Commonwealth of Massachusetts

PRESENTED BY:

Cynthia Stone Creem

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 promoting the recovery and recycling of electric vehicle batteries.

PETITION OF:

NAME:

Cynthia Stone Creem

DISTRICT/ADDRESS:

First Middlesex and Norfolk

SENATE No.

By Ms. Creem, a petition (accompanied by bill) (subject to Joint Rule 12) of Cynthia Stone Creem for legislation to promote the recovery and recycling of electric vehicle batteries. Environment, Natural Resources and Agriculture.

The Commonwealth of Massachusetts

**In the One Hundred and Ninety-Second General Court
(2021-2022)**

An Act promoting the recovery and recycling of electric vehicle batteries.

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

1 (a) As used in this law, the following words shall, unless the context clearly requires
2 otherwise, have the following meanings:-

3 “Motor vehicle junkyard” a person with a Class 3 license described subsection (d) of
4 section 58 of chapter 140 of the General Laws.

5 “Motor vehicle” has the same definition as in section 1 of chapter 90 of the General
6 Laws.

7 “Manufacturer” has the same definition as in in section 1 of chapter 90 of the General
8 Laws.

9 (b) On or before September 1, 2022, the secretary of energy and environmental affairs
10 shall convene the Lithium-Ion Car Battery Recycling Commission to review, and advise the
11 General Court on policies pertaining to the recovery and recycling of lithium-ion vehicle

12 batteries sold with motor vehicles in the state. The commission shall consult with universities
13 and research institutions that have conducted research in the area of battery recycling, with
14 manufacturers of electric and hybrid vehicles, and with the recycling industry. The secretary of
15 energy and environmental affairs shall appoint at least one member to the commission from each
16 of the following:

17 (1) The department of energy resources.

18 (2) The department of environmental protection.

19 (3) A vehicle manufacturer.

20 (4) An organization that represents one or more vehicle manufacturers.

21 (5) An electronic waste recycler or an organization that represents one or more electronic
22 waste recyclers.

23 (6) A motor vehicle repair shop or an organization that represents one or more motor
24 vehicle repair shops.

25 (7) A motor vehicle junkyard or an organization that represents one or more motor
26 vehicle junkyards.

27 (8) Two environmental organizations that specialize in waste reduction and recycling.

28 (9) A representative of the energy storage industry.

29 (10) A lithium-ion vehicle battery manufacturer.

30 (11) A standards-developing organization that has a focus on automotive engineering.

31 (c) On or before July 1, 2023 the Lithium-Ion Car Battery Recycling Commission shall
32 submit policy recommendations to the Legislature aimed at ensuring that as close to 100 percent
33 as possible of lithium-ion vehicle batteries in the commonwealth are reused or recycled at end-
34 of-life in a safe and cost-effective manner The policy recommendations shall reflect entire life
35 cycle considerations for lithium-ion vehicle batteries, including, but not limited to, opportunities
36 and barriers to the reuse of those batteries as energy storage systems after they are removed from
37 the vehicle, opportunities to the extend the life of those batteries, best management
38 considerations for those batteries at end-of-life, and the overall effect of different management
39 practices on the environment. In developing the policy recommendations, the advisory group
40 shall consider both in-state and out-of-state options for the recycling of lithium-ion vehicle
41 batteries and the possibility of establishing an extended producer responsibility program for
42 lithium-ion vehicle batteries.