

HOUSE No. 3392

The Commonwealth of Massachusetts

PRESENTED BY:

Steven Owens and Jennifer Balinsky Armini

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 setting deadlines to electrify the commuter rail.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	DATE ADDED:
<i>Steven Owens</i>	<i>29th Middlesex</i>	<i>1/18/2023</i>
<i>Jennifer Balinsky Armini</i>	<i>8th Essex</i>	<i>1/19/2023</i>
<i>Rebecca L. Rausch</i>	<i>Norfolk, Worcester and Middlesex</i>	<i>1/23/2023</i>
<i>Michelle L. Ciccolo</i>	<i>15th Middlesex</i>	<i>1/25/2023</i>
<i>David Henry Argosky LeBoeuf</i>	<i>17th Worcester</i>	<i>1/25/2023</i>
<i>Sally P. Kerans</i>	<i>13th Essex</i>	<i>1/26/2023</i>
<i>Christine P. Barber</i>	<i>34th Middlesex</i>	<i>1/30/2023</i>
<i>Carol A. Doherty</i>	<i>3rd Bristol</i>	<i>1/30/2023</i>
<i>Peter Capano</i>	<i>11th Essex</i>	<i>1/31/2023</i>
<i>Jack Patrick Lewis</i>	<i>7th Middlesex</i>	<i>1/31/2023</i>
<i>Lindsay N. Sabadosa</i>	<i>1st Hampshire</i>	<i>2/1/2023</i>
<i>Simon Cataldo</i>	<i>14th Middlesex</i>	<i>2/1/2023</i>
<i>Steven Ultrino</i>	<i>33rd Middlesex</i>	<i>2/1/2023</i>
<i>William J. Driscoll, Jr.</i>	<i>7th Norfolk</i>	<i>2/6/2023</i>
<i>James J. O'Day</i>	<i>14th Worcester</i>	<i>2/6/2023</i>
<i>Rodney M. Elliott</i>	<i>16th Middlesex</i>	<i>2/7/2023</i>
<i>David Paul Linsky</i>	<i>5th Middlesex</i>	<i>2/7/2023</i>
<i>John J. Cronin</i>	<i>Worcester and Middlesex</i>	<i>2/7/2023</i>

<i>James K. Hawkins</i>	<i>2nd Bristol</i>	<i>2/7/2023</i>
<i>Michelle M. DuBois</i>	<i>10th Plymouth</i>	<i>2/7/2023</i>
<i>Margaret R. Scarsdale</i>	<i>1st Middlesex</i>	<i>2/8/2023</i>
<i>James C. Arena-DeRosa</i>	<i>8th Middlesex</i>	<i>2/8/2023</i>
<i>David Allen Robertson</i>	<i>19th Middlesex</i>	<i>2/8/2023</i>
<i>Thomas M. Stanley</i>	<i>9th Middlesex</i>	<i>2/8/2023</i>
<i>Samantha Montaño</i>	<i>15th Suffolk</i>	<i>2/13/2023</i>
<i>Jay D. Livingstone</i>	<i>8th Suffolk</i>	<i>2/14/2023</i>
<i>Edward R. Philips</i>	<i>8th Norfolk</i>	<i>2/16/2023</i>
<i>Vanna Howard</i>	<i>17th Middlesex</i>	<i>2/16/2023</i>
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	<i>2/18/2023</i>
<i>Erika Uyterhoeven</i>	<i>27th Middlesex</i>	<i>2/22/2023</i>
<i>Kate Lipper-Garabedian</i>	<i>32nd Middlesex</i>	<i>2/22/2023</i>
<i>John F. Keenan</i>	<i>Norfolk and Plymouth</i>	<i>2/23/2023</i>
<i>Natalie M. Higgins</i>	<i>4th Worcester</i>	<i>2/23/2023</i>
<i>Carmine Lawrence Gentile</i>	<i>13th Middlesex</i>	<i>3/6/2023</i>
<i>Sean Garballey</i>	<i>23rd Middlesex</i>	<i>3/13/2023</i>

HOUSE No. 3392

By Representatives Owens of Watertown and Armini of Marblehead, a petition (accompanied by bill, House, No. 3392) of Steven Owens, Jennifer Balinsky Armini and others relative to the electrification of commuter rail lines of the Massachusetts Bay Transportation Authority. Transportation.

The Commonwealth of Massachusetts

In the One Hundred and Ninety-Third General Court
(2023-2024)

An Act relative to setting deadlines to electrify the commuter rail.

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.

2 Section 1 of Chapter 90 of the General Laws, as appearing in the 2022 Official Edition, is
3 hereby amended by adding the following definitions:-

4 “Zero-emission infrastructure” means electric multiple units, electric battery chargers,
5 trolleybus and railway catenary wire, and other equipment to support the operation of electric
6 vehicles.

7 SECTION 2.

8 Chapter 21N is hereby amended by inserting after Section 7, the following sections:

9 Section 7½. To contribute to the Commonwealth’s greenhouse gas reduction targets, the
10 Secretary, in consultation with the department of energy resources, department of transportation,

11 department of environmental protection, department of public utilities, and intergovernmental
12 coordinating council established by the Acts of 2022, chapter 179, section 81 shall enforce
13 targets for public fleet electrification.

14 (a)The Massachusetts Bay Transportation Authority and its commuter rail contractor
15 shall operate a fully electric commuter rail system by December 31, 2035 and ensure sufficient
16 zero-emission infrastructure is in place to accomplish said timeline.

17 SECTION 3.

18 Chapter 161A is hereby amended by inserting the following paragraphs in section 7 after
19 the term “under Section 6C”:

20 (a) The Massachusetts Bay Transportation Authority shall implement electrification
21 along all commuter rail lines by no later than December 31, 2035 and according to the below
22 interim deadlines for each phase. Commuter rail lines serving environmental justice populations
23 as defined in section 62 of chapter 30 of the General Laws shall be the first lines to electrify in
24 Phase I. In Phase I, the Massachusetts Bay Transportation Authority shall operate electric trains
25 on the Fairmount Commuter Rail Line from South Station to Readville Station,
26 Newburyport/Rockport Line through Beverly Station and the entire Providence/Stoughton Line
27 by December 31, 2024. Not later than November 1, 2023, the Massachusetts Department of
28 Transportation should begin construction on the Fairmount corridor Newburyport/Rockport Line
29 environmental justice corridor to support rail electrification. In Phase II, the Massachusetts Bay
30 Transportation Authority shall operate electric trains on the Framingham/Worcester Line by
31 December 31, 2026. In Phase III, the Massachusetts Bay Transportation Authority shall operate
32 electric trains on the Middleborough/Lakeville Line by December 31, 2027. In Phase IV, the

33 Massachusetts Bay Transportation Authority shall operate electric trains on the remaining routes
34 listed below and remaining sections of the Newburyport/Rockport Lines by December 31, 2035:

35 (1) South Coast

36 (2) Haverhill

37 (3) Lowell

38 (4) Fitchburg

39 (5) Franklin/Foxboro

40 (6) Kingston

41 (7) Greenbush

42 (8) Foxboro Event Service

43 (9) Needham

44 (10) Newburyport/ Rockport (beyond Beverly)

45 The MBTA governing board of directors shall monitor the progress of electrifying the
46 commuter rail fleet in four phases.

47 SECTION 4.

48 The Massachusetts Bay Transportation Authority shall implement service frequency
49 standards to ensure that rail electrification technology meets the goals of a regional rail system.
50 By December 31, 2029, the Massachusetts Bay Transportation Authority shall have the ability to
51 operate service on the Fairmount Line, Newburyport/Rockport Line through Salem Station, and

52 the Providence/Stoughton Line every 7.5 minutes in each direction. By December 31, 2029, the
53 Massachusetts Bay Transportation Authority shall have the ability to operate service on the
54 Newburyport/Rockport Line branches from Beverly Station to Newburyport/Rockport every 15-
55 30 minutes in each direction. By December 31, 2029, the Massachusetts Bay Transportation
56 Authority shall have the ability to operate service on the Worcester Line through Framingham
57 Station every 15 minutes in each direction. By December 31, 2029, the Massachusetts Bay
58 Transportation Authority shall have the ability to operate service on the remaining Lines and
59 portions of Lines not mentioned above every 30-60 minutes in each direction. By December 31,
60 2035, the Massachusetts Bay Transportation Authority shall have the ability to operate service on
61 the Fairmount Line, Newburyport/Rockport Line through Salem Station, the
62 Providence/Stoughton Line, and the Worcester Line through Framingham Station every 5
63 minutes in each direction. By December 31, 2029, the Massachusetts Bay Transportation
64 Authority shall have the ability to operate service on the remaining Lines and portions of Lines
65 not mentioned above every 15 minutes in each direction. The Massachusetts Bay Transportation
66 Authority Board of Directors shall monitor the progress of the implementation of the service
67 frequency standards.

68 The Massachusetts Bay Transportation Authority and Massachusetts Department of
69 Transportation shall submit applications, as appropriate, for federal funding to accomplish zero-
70 emission infrastructure and electric commuter rail operation.