

The Commonwealth of Massachusetts

PRESENTED BY:

Michael J. Barrett

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 to convert the state government fleet to electric vehicles.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Michael J. Barrett</i>	<i>Third Middlesex</i>	
<i>Jason M. Lewis</i>	<i>Fifth Middlesex</i>	<i>3/3/2021</i>
<i>Lindsay N. Sabadosa</i>	<i>1st Hampshire</i>	<i>3/4/2021</i>
<i>Michael O. Moore</i>	<i>Second Worcester</i>	<i>3/9/2021</i>
<i>Michael D. Brady</i>	<i>Second Plymouth and Bristol</i>	<i>3/17/2021</i>

SENATE No. 2255

By Mr. Barrett, a petition (accompanied by bill, Senate, No. 2255) of Michael J. Barrett, Jason M. Lewis, Lindsay N. Sabadosa, Michael O. Moore and others for legislation to convert the state government fleet to electric vehicles. Transportation.

The Commonwealth of Massachusetts

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

An Act to convert the state government fleet to electric vehicles.

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 448 of the acts of 2016 is hereby amended by inserting after section
2 6 the following 2 sections:-
3
4 Section 6A. (a) The Massachusetts Department of Transportation, in consultation with
5 the executive office of energy and environmental affairs, the executive office for administration
6 and finance, and, where appropriate, the Massachusetts Bay Transportation Authority,
7 Massachusetts Port Authority, and Massachusetts Water Resources Authority, shall create and
8 maintain an inventory of motor vehicles owned or leased by the commonwealth and shall plan to
9 convert said vehicles to zero-emission vehicles. The inventory shall include a critical
10 replacement list consisting of non-zero emission vehicles such that, if the non-zero emission
11 vehicle needs to be replaced, replacement with a zero-emission vehicle is operationally feasible
12 and results in a positive lifecycle cost benefit. The critical replacement list shall include, but not
be limited to, vehicles that are approaching the end of their useful lives or are otherwise

13 reasonable candidates for replacement and whose replacement presents a high or medium
14 priority opportunity for near-term electrification as indicated in the study completed pursuant to
15 section 6 and published on December 22, 2017 or any successive analysis or study required by
16 law or commissioned by the Massachusetts Department of Transportation or the department of
17 energy resources. Not less than every 3 years, the Massachusetts Department of Transportation,
18 in consultation with the executive office of energy and environmental affairs and the executive
19 office for administration and finance, shall revise and update the analysis of opportunities for
20 near-term electrification of vehicles owned, purchased or leased by the commonwealth. For the
21 purposes of this section, “commonwealth” shall include, but not be limited to, the Massachusetts
22 Bay Transportation Authority, Massachusetts Port Authority and Massachusetts Water Resources
23 Authority, but shall not include municipalities, regional school districts and regional transit
24 authorities authorized pursuant to chapter 161B of the General Laws. Nothing in this section
25 shall prevent or limit the commonwealth from purchasing a zero-emission vehicle for a vehicle
26 or purpose not identified on the critical replacement list. For the purposes of this section, “zero-
27 emission vehicle” shall mean a motor vehicle that produces no engine exhaust emissions.

28 (b) Not later than January 1, 2024, each purchase or lease by the commonwealth of a
29 motor vehicle identified on the critical replacement list under subsection (a) by the
30 commonwealth, including, but not limited to, the Massachusetts Port Authority and
31 Massachusetts Water Resources Authority, but not including the Massachusetts Bay
32 Transportation Authority, municipalities, regional school districts and regional transit authorities
33 authorized pursuant to chapter 161B of the General Laws, shall be a zero-emission vehicle. The
34 commonwealth shall prioritize the deployment of zero-emission vehicles in underserved
35 communities and communities with a high percentage of low-income households. For the

36 purposes of this section, “zero-emission vehicle” shall mean a motor vehicle that produces no
37 engine exhaust emissions. (c) Not later than 12 months from the effective date of this act, the
38 Massachusetts Department of Transportation, in consultation with the department of energy
39 resources, shall develop recommendations for the siting of zero-emission vehicle charging
40 facilities to serve state-owned or leased zero-emission vehicles and zero-emission passenger
41 buses across the commonwealth. The recommendations shall consider locations across the
42 commonwealth, including within municipal light plant territories, shall consider the benefit and
43 potential cost savings to ratepayers of various locations, and shall consider whether to allow
44 access to said charging facilities to members of the general public.

45 Section 6B. The Massachusetts Department of Transportation, in consultation with the
46 department of energy resources, shall conduct, publish and periodically update a study of the
47 opportunities for near-term electrification of vehicles owned or leased by municipalities, regional
48 school districts and regional transit authorities authorized pursuant to chapter 161B of the
49 General Laws. The study shall include, but not be limited to: (i) an analysis of the cost of vehicle
50 electrification, associated equipment and supplies and possible methods of meeting such costs,
51 including, but not limited to, state financial support, federal financial support and procurements
52 by regional planning agencies and other entities made up of local and regional governments; (ii)
53 recommendations for the allowance within the fleets of non-electric emergency vehicles; and (iii)
54 opportunities to pair electrification with renewable energy resources, energy storage or demand
55 response technology and policy. The Department of Transportation shall publish the study on its
56 website not later than 18 months after the effective date of this section and shall thereafter
57 publish revisions of the study on its website not less than every 3 years. The study and
58 subsequent revisions shall be submitted to the clerks of the senate and house of representatives,

59 the joint committee on transportation and the joint committee on telecommunications, utilities
60 and energy and posted on the department of energy resource's website.

61 SECTION 2. The motor vehicle inventory required by section 6A of chapter 448 of the
62 acts of 2016 shall be established not later than 12 months from the effective date of this act.