



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF
ENERGY AND ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENERGY RESOURCES

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Charles D. Baker
Governor

Karyn E. Polito
Lt. Governor

Matthew A. Beaton
Secretary

Judith F. Judson
Commissioner

December 22, 2017

William F. Welch
Senate Clerk
Office of the Clerk of the Senate
24 Beacon Street
Room 335 — State House
Boston, MA 02133

Steven T. James
House Clerk
Office of the Clerk of the House
24 Beacon Street
Room 145 — State House
Boston, MA 02133

Dear Senate Clerk Welch and House Clerk James,

The attached *Massachusetts Fleet Electrification Opportunities Study* is being submitted pursuant to Section 6 of Chapter 448 of the Acts of 2016, *An Act Promoting Zero Emission Vehicle Adoption*, regarding the requirement of Department of Energy Resources (DOER) to conduct a study on the opportunities for electrification of the state vehicle fleet.

The Baker-Polito Administration is committed to increasing electric vehicle adoption across Massachusetts. Electric vehicles are an important part of the Commonwealth's plans to meet the requirements of the Global Warming Solutions Act of 2008, as the transportation sector accounts for approximately 40% of Massachusetts' total greenhouse gas (GHG) emissions. Massachusetts has a goal of 300,000 electric vehicles on the road by 2025, an ambitious target. The Commonwealth is currently undertaking listening sessions to capture ideas and policy solutions to combat climate change and air pollution generated by the transportation sector.

The Baker-Polito Administration has several programs in place related to electrification. Activities include, but are not limited to, increased funding by \$14 million for the Massachusetts Offers Rebates for Electric Vehicles (MOR-EV) program that offers consumers rebates up to \$2,500 for electric vehicles, leading to more than 5,500 rebates; participation in the MASS DRIVE CLEAN test drive campaign resulting in over 12% of the survey participants purchasing or leasing an EV after their test drive; the U.S. DOE Clean Cities Program, providing incentives to state entities through the Leading By Example Office and to municipal entities through the Green Communities Division for electric vehicle adoption and infrastructure deployment; piloting electric school buses with three municipalities and is preparing for additional electric vehicle and infrastructure projects as a result of funds that will be allocated to Massachusetts through the Volkswagen Settlement. In addition, the Commonwealth has a Fuel Efficiency Standard in place for the state fleet issued by the Operational Services Division that was developed in collaboration with the Department of Energy Resources and Massachusetts Department of Environmental Protection. This standard will support efforts to meet the greenhouse gas emission reduction targets for state agencies through the purchase of highly efficient vehicles.

The attached study contains the comprehensive review of the Commonwealth's state fleet and identifies near-term opportunities for fleet electrification, including the recommendation to consider electrification options for certain new state vehicle acquisitions. As Massachusetts continues to make progress on meeting its transportation goals, this report will complement existing efforts and will be a useful tool as fleets consider future purchases.

If you have any questions, please do not hesitate to call Tony Barletta, DOER Director of Government Affairs, at 617-626-1109.

Sincerely,

A handwritten signature in black ink that reads "Judith Judson". The signature is written in a cursive, flowing style.

Judith Judson
Commissioner

Cc: Joint Committee on Transportation