

State, Utility, and Federal Programs to Support Electric Vehicle (EV) Adoption in Massachusetts

Electric vehicles (EV) are cheaper to fuel and maintain, offer public health and air quality benefits, and are a critical piece of the solution to address transportation related pollution and carbon emissions in Massachusetts.

Electric vehicles are already ~70% lower in GHG emissions than conventional vehicles and will continue to get cleaner as we deploy more renewable energy. Massachusetts has a goal of deploying up to 900,000 passenger EVs and 50,000 electric trucks and buses on the road by 2030, which means municipalities can play an important role to encourage EV adoption in an effective and equitable way. There are a number of local, state, and utility policies and grants that can accelerate EV adoption, expand access to charging infrastructure, and improve public awareness of EV benefits.



MUNICIPAL POLICIES TO ACCELERATE EV ADOPTION

Start a municipal EV program like [Braintree](#), [Concord](#), [Norwood](#), and several others ([click here for details](#)) to encourage EV adoption.

Increase public charging locations across your municipality. Include clear signage and an updated map of charging locations.

Adopt EV ready building codes to improve access to charging infrastructure (eg. Read [City of Boston's EV readiness policy](#) on p.3).

Support expansion of the MOR-EV program to include increased rebate levels for low- and medium-income residents and used cars.

AchiEVe [model policies](#) to accelerate EV adoption.

UTILITY "MAKE-READY" CHARGING PROGRAMS



These utility programs help cover the cost of electrical infrastructure associated with installation of electric vehicle charging stations, and in some cases the charging equipment itself.

- Eversource [EV Charging Station program](#)
- National Grid [EV Charging Station program](#)

REDUCE CHARGING INFRASTRUCTURE + ELECTRIC VEHICLE COSTS

Grant	Description	Amount (\$USD)
Grant Programs to Reduce Upfront Costs of Electric Vehicles		
MOR-EV Rebate Program	Issues rebates to individuals, businesses or non-profit organizations for the purchase or lease of an eligible electric vehicle .	\$2,500 rebate for eligible battery electric vehicles (BEVs) with a purchase price below \$50,000 \$1,500 rebate for eligible plug-in hybrid electric vehicles (PHEVs) with an all-electric range of 25 miles or greater and a purchase price below \$50,000.
MOR-EV Trucks Program	Offers rebates for public and private purchases or leasing of qualified new medium-and heavy-duty electric vehicles registered in the Commonwealth. Higher rebate levels available for vehicles registered in or operating 50% of the time within an environmental justice census block.	Eligibility: Battery electric and fuel-cell electric vehicles with a sales price of more than \$50,000 and having a gross vehicle weight rating (GVWR) of more than 8,500 pounds purchased or leased on or after February 16, 2021 Rebates start at \$7500 for Class 2b electric vehicles and increase to \$90,000 for Class 8 EVs.
Grant Programs to Reduce Upfront Costs of Charging Stations		
MassEVIP Public Access Charging Program	Provides incentives to property owners and managers with publicly accessible parking to install Level 1 and Level 2 EV charging stations.	Up to 100% of hardware and installation costs for government owned locations and up to 80% in all other locations to a maximum of \$50,000 per address
MassEVIP Workplace & Fleet Charging Incentives	Helps employers and fleet operators acquire electric vehicle (EV) charging stations.	Provides; up to 60% of the funding to a maximum of \$50,000 per address
MassEVIP Direct Current Fast Charging Incentives	A competitive grant to help property owners & educational campuses with publicly accessible parking acquire EV fast charging stations.	Funds hardware and installation costs to a maximum of \$50,000 per DCFC charging station
MassEVIP Multi-Unit Dwelling & Educational Campus (MUDC) Charging Incentives	Provides incentives to property owners or managers to install Level 1 and Level 2 EV charging stations.	Funds up to 60% of the hardware and installation costs to a maximum of \$50,000 per street address.
Grant Programs to Reduce Upfront Costs of Electric School Buses		

Accelerating Clean Transportation School Bus (ACT School Bus)	Provides fleet electrification planning support to school districts across Massachusetts	\$8M in funding available to school districts
EPA Clean School Bus Funding Program	Provides \$5 billion over FY 2022-2026 to replace existing school buses with zero-emission and low-emission models. Priority school districts in Massachusetts (pg.59) will receive a higher level of funding and preference in the selection process.	Buses serving priority school districts will get up to \$375,000 for electric buses and up to \$20,000 for charging infrastructure. Other eligible school districts will get up to \$250,000 for electric buses and \$13,000 for charging infrastructure.
Fleet Advisory Programs		
MassEVIP Fleets Program	Helps eligible public entities acquire battery electric vehicles (BE) or plug-in hybrid electric vehicles (PHEV) for their fleets.	Funding level is dependent on vehicle type with up to \$7500 for BEV purchase, up to \$5000 for BEV lease, up to \$5000 for PHEV purchase, and up to \$3000 for PHEV lease
MassCEC Fleet Advisor	Provides FREE technical assistance to help private and commercial fleet managers transition to an electric fleet.. Includes a site assessment, total cost of ownership analysis, vehicle market inventory analysis, charging analysis, and next step recommendations.	Sign up here for free electrification assistance. Fleet must operate within MA and include at least 1 medium-and heavy-duty vehicle. Vehicle depot must be located in the state.
National Grid Fleet Advisory Services	National Grid is offering no-cost Fleet Electrification Advisory Services to public transit, school bus, and government fleets. Click here for the program brochure.	N/A

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