

ACT School Bus & Mass Fleet Advisor

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OUR MISSION

Accelerate the clean energy and climate solution innovation that is critical to meeting the Commonwealth's climate goals, advancing Massachusetts' position as an international climate leader while growing the state's clean energy economy.



AGENDA

ACT School Bus

Mass. Fleet Advisor

Questions

ACCELERATING CLEAN TRANSPORTATION (ACT) SCHOOL BUS

Overall Goals:

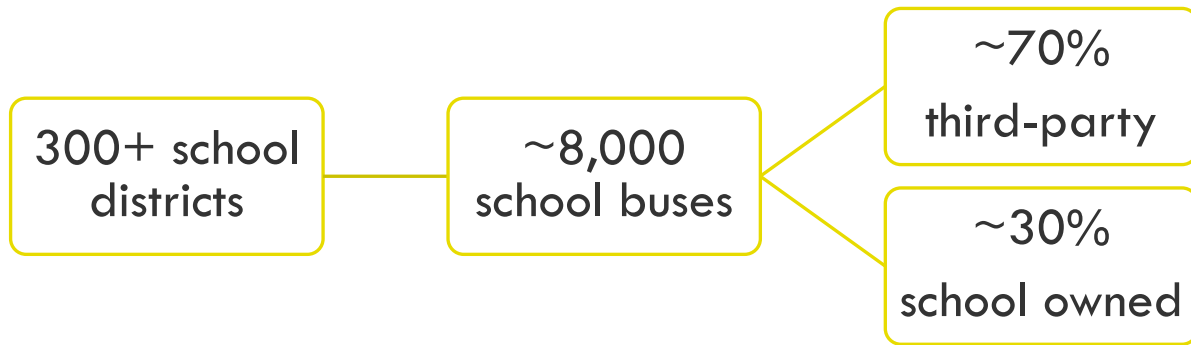
Advance school bus electrification in MA to further climate and equity goals

- Reach underserved school districts
- Prepare for full-fleet electrification & additional funding opportunities

Anticipated launch in late spring 2022 – seeking further stakeholder input



BACKGROUND & MAJOR BARRIERS



>10 school districts actively pursuing EV buses

3 active projects under MassCEC's ACTNow program

Cost

- \$300k-\$400k additional cost for electric school bus
- \$10k-\$40k per charging station
- \$50k-\$200k utility upgrades for charging

Complexity & lack of stakeholder capacity

- Technical – siting, interconnection, charging strategy
- Process – approval processes, procurement, access to funding opportunities

PROPOSED FUNDING OUTLINE

- \$8M provided by MA DEP, administered by MassCEC
- Two-part program structure:
 - Deployment – award ~3 projects to deploy limited electric buses and full-fleet EVSE across operational models
 - Technical assistance – award ~20-30 fleets and provide electrification roadmaps and capacity support for future funding
- Anticipated timeline:
 - Launch three RFPs in late spring 2022 for two technical consultants and school bus fleets
- Intended to be complementary to EPA Clean School Bus program – details subject to change based on EPA program

EPA CLEAN SCHOOL BUS PROGRAM

Overview

- \$5 billion over five years through the Bipartisan Infrastructure Law for lower-emission and zero-emission school buses
- Programs will include rebates and competitive funding and change over time
- Eligible uses of funding – ESBs and chargers, no infrastructure upgrades
- Prioritizing “historically underserved” school districts & applications with cost-share

First Rebate Round - Tentative

- Anticipated late April/early May 2022
- Applicants may apply for multiple buses under single application
- Lottery system for selection
- Different rebate amounts based on priority – TBD on definition
- 3rd party contractors likely will not be eligible in first round

NEXT STEPS

Continue stakeholder outreach and finalize program design

- Ongoing coordination with EPA, WRI/Calstart, Massachusetts Association of School Business Officials (MASBO), Massachusetts Association of Pupil Transportation (MAPT), Department of Elementary and Secondary Education (DESE)
- Please reach out to connect with us to provide input or if you'd like to be added to our stakeholder list for updates!

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Electrification Technical Assistance for Private Fleets

BACKGROUND

MassCEC hired a technical consultant team to provide electrification technical services to medium- and heavy-duty private fleets

Goals:

- Promote utilization of Massachusetts Offers Rebates for Electric Vehicles (“MOR-EV”) Truck incentive funds
- Recruit fleets in Environmental Justice areas and Minority- and Women-owned business fleets
- Recruit diversity fleets across organization types and sizes
- Inform potential future electrification services programs offered by utilities or other agencies

Mass Fleet Advisor Team

Funded by:

Massachusetts Clean Energy Center

Fleet Relationship Managers:

CALSTART (Private Fleets)

PowerOptions (Non-Profit Fleets)

Project Partners:

Center for Sustainable Energy

Industrial Economics

Microgrid Labs

Electric Utilities:

Eversource

National Grid



Mass Fleet Advisor – Your Fleet Electrification Assistant

Mass Fleet Advisor provides free assistance to help commercial vehicle fleets prepare for electrification

Fleet advisors are here to help fleets prepare and plan for a transition to zero-emission trucks, from available models and funding opportunities to direct planning assistance for charging equipment.

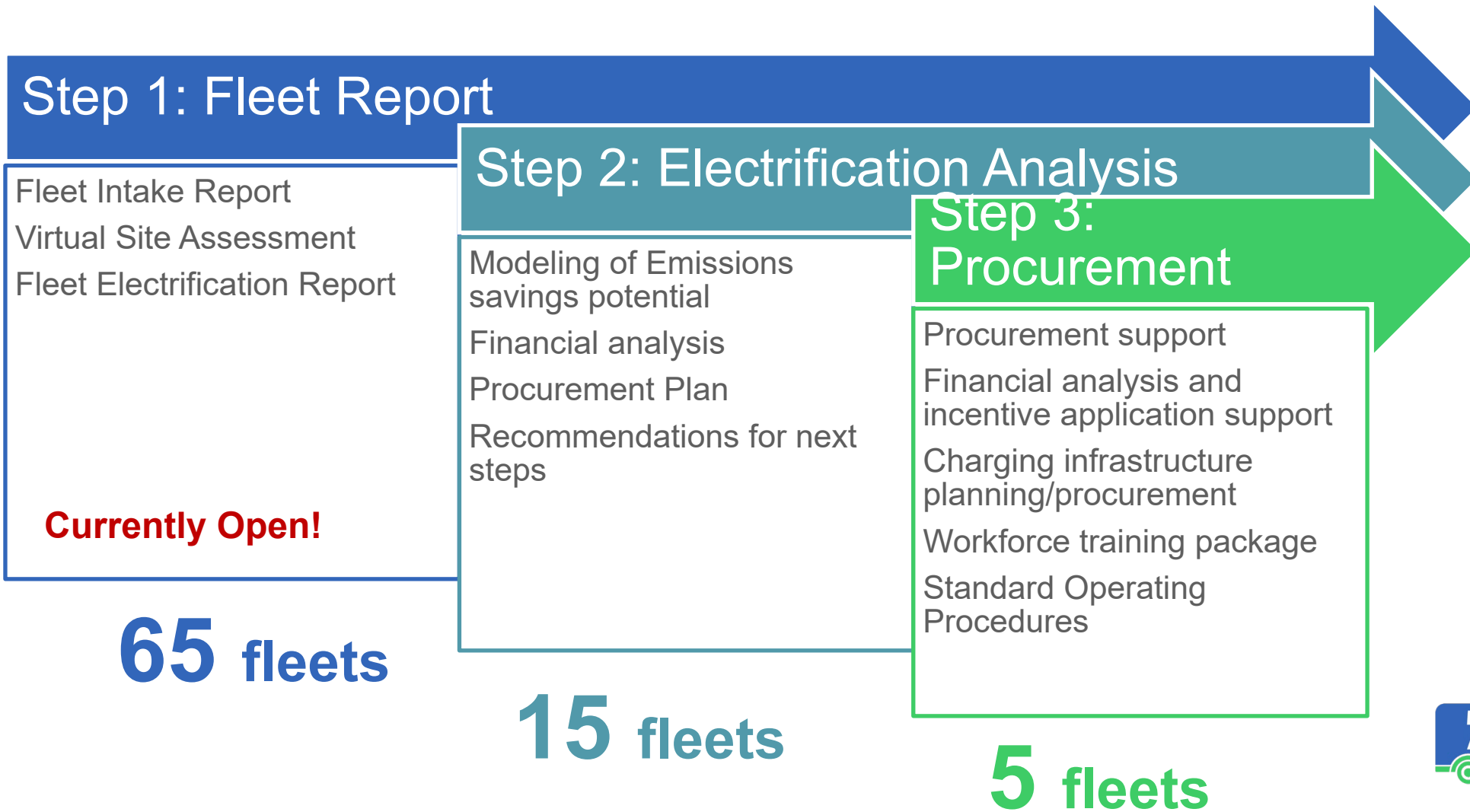
Eligibility:

- Private (non-government) medium- and heavy-duty fleets
- 3+ vehicles
- Operation and/or depot in Massachusetts
- Must pursue incentives for >1 truck through [MOR-EV Trucks](#)

Sign up to participate at massfleetadvisor.org



Mass Fleet Advisor – Program Overview



MA Financial Incentive Resources

- Fleet Owners have financial support available:
 - MOR-EV Trucks
 - Class 2b–8 vouchers of up to \$90,000
 - Simple and easy voucher application
 - Make Ready Incentives
 - Additional funding expected from federal government



Next Steps

- Currently recruiting fleets!
- Sign up to participate at massfleetadvisor.org

Questions?

- Jennifer Kritzler, CALSTART, jkritzler@calstart.org
- Rhys Webb, MassCEC, rwebb@masscec.com or CleanTransportation@masscec.com

