

FY26 MEDIUM-DUTY AND HEAVY-DUTY ZERO-EMISSION VEHICLE (MHD ZEV) GRANT PROGRAM



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AGENDA



FY26 MHD ZEV GRANT PROGRAM OVERVIEW

Program Description:

The Program provides financial assistance for the purchase of qualified, newly manufactured medium-duty or heavy-duty zero-emission fleet vehicles, as well as qualified zero-emission heavy equipment property, for commercial or industrial use.

Key Details:

- Application Deadline: **October 30th, 2025 3:00pm ET**
- Eligible Applicants: Local governments, non-profit organizations, business and company fleets, airports, higher education institutions and K-12 schools
- Eligible Vehicles: Class 3-8 vehicles with GVWR \geq 10,000 lbs
- **Statewide competitive** application process.



PROGRAM REQUIREMENTS & INELIGIBLE PROJECTS



Requirements:

- Applicants: Local governments & entities with ≥ 3 vehicles in fleet
- Vehicles must be domiciled/operated in Maryland for at least 3 years
- Purchase orders must be dated after grant agreement effective date
- Applicant must be in good standing with the Maryland State Department of Assessments and Taxation

Ineligible Projects/Entities:

- State/federal agencies
- Personal use vehicles, NEVs, LSVs, parallel and series plug-in hybrids, or repowered vehicles
- Vehicles purchased for resale
- Vehicles already funded (or expecting funding) under VW Trust Fund or other state programs

Please Note: This grant does not provide funding for charging infrastructure. MEA has other programs that might suit your funding needs for charging infrastructure—please visit the website to find additional details about these opportunities.



EVALUATION CRITERIA OVERVIEW



- Preference for projects that replace petroleum-powered vehicles
- Cost-effectiveness measured in \$/MTCO_{2e}
 - The GHG abatement is calculated using the type of vehicle and the vehicle miles travelled (VMT), using the AFLEET tool
 - The \$/MTCO_{2e} value uses the eligible grant amount and the GHG abatement
- Fleet commitment (charging/fueling plans, maintenance strategy)
- Preference for projects benefiting overburdened and low-to-moderate income communities
- AOI 1: Extra road safety features (AEB, ADAS, lane assist, underride guards, etc.) favored
- Past MEA grant performance may be considered

KEY GRANT FEATURES

- Grant covers up to 75% of incremental cost (ZEV vs. diesel/gas vehicle)
- Grants are paid in arrears
- Project completion deadline: 24 months from grant agreement execution date
- Partial awards possible depending on demand & budget availability



Funding Caps:

- AOI 1 (On-road): Up to \$2.5M per applicant
- AOI 2 (Off-road): Up to \$375k per applicant



Reporting:

- Progress updates prior to delivery
- Quarterly reports for 3 years post-delivery (e.g., VMT, energy use, VINs)



Vehicle Types

Vehicle Type	Class	Weight (lbs)	Example
Single-Unit Short-Haul Truck	3-6	10,001 - 26,000	Box trucks (e.g., Ford F-650)
Single-Unit Long-Haul Truck	7-8	26,001+	Delivery trucks (e.g., Freightliner M2 106)
Refuse Truck	7-8	26,001+	Mack LR Electric, Peterbilt 520
Combination Short-Haul Truck (≤ 250 miles)	7-8	33,001+	Day cabs (e.g., Freightliner Cascadia)
Transit Bus	7-8	33,001+	New Flyer Xcelsior
Hydrogen (FCEV) Combination Long-Haul Truck	8	33,001+	Nikola Tre FCEV
Combination Long-Haul Truck (≥ 250 miles)	8	33,001+	Sleeper cabs (e.g., Volvo VNL 860)

Award Formula

The MHD ZEV Grant Program covers 75% of the incremental cost for the purchase of zero emission on-road vehicles and off-road equipment.



Purchase Price of Zero Emission
Vehicle

—



Purchase Price of Petroleum
Equivalent Vehicle

=



Incremental Cost

Eligible Grant Amount = 0.75 × Incremental Cost

Community Electric Vehicle Supply Equipment (EVSE) Program Preview



Community EVSE Program Overview

Program Description:

Program goal to increase access to affordable and reliable electric vehicle (EV) charging networks and reduce transportation greenhouse gas emissions in low and moderate income, overburdened, and underserved communities in Maryland.

Timeline:

- Sept-Oct 2024: Request for Information on program design
- Jan-March 2025: Pilot program launch and application period
- August/September 2025: FY25 Grant Agreements executed
- Fall 2025: Program redesign and launch for FY26 program
- ~Nov 2025 - February 2026: Application period open for FY26 program



FY25 Community EVSE Snapshot

- 3 Areas of Interest (AOI)
 - AOI 1: EV Infrastructure Planning
 - AOI 2: Make-Ready Installations
 - AOI 3: EVSE Installations
- 41 project sites within AOI 3
 - 91 Level 2 ports
 - 66 DC Fast Charging (DCFC) ports
 - Various phases of readiness, some already have broken ground and are close to finishing



Hear From Previous Awardees!

Black Ankle Vineyards - FY24 MHD ZEV Grant Program - Off-road

- Funding Requested: \$61,875.00
- Number of Vehicles: 2
- Vehicle Type: 40 HP Tractor
- Vehicle Make: Monarch



Capital Logistics, LLC - FY24 MHD ZEV Grant Program - On-road

- Funding Requested: \$697,500.00
- Number of Vehicles: 3
- Vehicle Type: Combination Short-Haul Truck
- Vehicle Make: Volvo



Learn More About **MEA Programs**

MEA offers expertise and advice to match your needs to electrify with available programs and financial support.





FY26 MEDIUM-DUTY AND HEAVY-DUTY ZERO-EMISSION VEHICLE (MHD ZEV) GRANT PROGRAM OVERVIEW

KEY FEATURES

- Grant covers **up to 75% of the incremental cost** between an eligible ZEV and a comparable conventional vehicle
- Grants are paid in arrears
- Project completion deadline: 24 months from grant agreement execution date
- **Eligibility:** Fleet companies, organizations, local governments, construction companies, and more
 - **Eligible Vehicles:** Class 3-8 vehicles with GVWR \geq 10,000 lbs
 - **Statewide competitive** application process.
 - **Application:** Apply through MEA's new MyMEA online application portal.
 - **Application Deadline:** October 30, 2025, at 3:00 PM ET



Areas of Interest & Funding Caps:

- AOI 1 (On-road): \$8M for AOI 1, capped at to \$2.5M per applicant
- AOI 2 (Off-road): \$2M for AOI 2, capped at to \$375k per applicant



Reporting:

- Progress updates prior to delivery
- Quarterly reports for 3 years post-delivery (e.g., VMT, energy use, VINs)

