

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Heavy-Duty Zero-Emission Vehicles (HD ZEV) Program

Application Workshop

February 18, 2016

Michael Neward, Administrative Analyst
Bay Area Air Quality Management District



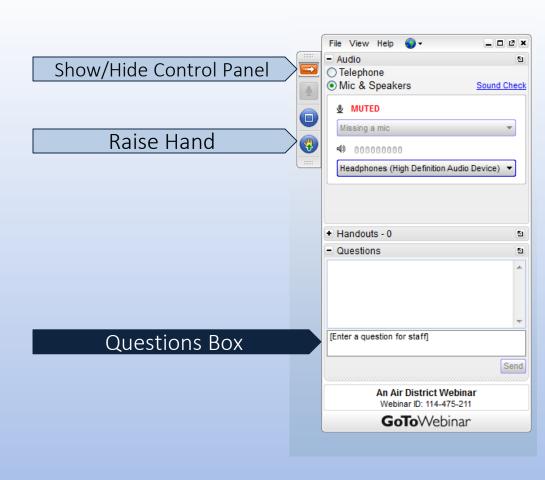
Webinar Information

This webinar is being recorded.

Copies of presentations will be posted to the Program Website after the webinar.

Type in questions using the questions box here.

Questions will be answered at the end of the presentation.





Overview

Introduction

- Bay Area Air Quality Management District (BAAQMD)
- Importance of Reducing Vehicle Emissions
- Transportation Fund for Clean Air Program (TFCA)
- HD ZEV Program
 - Key Highlights
 - Eligibility
 - Funding
 - Summary of Program Requirements
 - How to Apply
- Q & A





Bay Area Air Quality Management District (BAAQMD)

- Established in 1955
- 7 million population
- 5,340 square miles
- 9 Counties

Mission: To protect and improve public health, air quality, and the global climate





Transportation Fund for Clean Air Program (TFCA)

- Funding from \$4 surcharge on motor vehicles for projects that reduce on-road vehicle emissions (1991)
- 60% of TFCA funds awarded directly by BAAQMD:
 - BAAQMD led projects and programs
 - TFCA Regional Fund Program (competitive program)
- Remaining 40% is distributed to the 9-Bay Area Congestion Management Agencies
- BAAQMD's Board annually adopts policies and evaluation criteria for TFCA



Importance of Reducing Vehicle Emissions

- In the Bay Area, emissions from its 5.7 million vehicles account for:
 - 40% of Criteria Air Pollution
 - 36% of GHG Inventory
- Vehicle emissions reduction technology is essential for improving Air Quality in the Bay Area





Air District Funding for PEVs



Vehicles

PEV Rebates (for public agencies)

- Light Duty PEVs
- Neighborhood electric vehicles
- Electric motorcycles

Heavy-Duty Zero Emission Vehicles

- Heavy-duty vehicles and buses
- Additional funding for scrapping older, compliant vehicles



Infrastructure

Charge! (Closed)

- Workplaces
- Multifamily dwelling units
- Key destinations
- Transportation corridors

EV Charging Station Demo Program (Closed)

- Special opportunity for public agencies to:
 - Deploy infrastructure quickly
 - Participate in information sharing



Heavy-Duty Zero-Emission Vehicles Program



Key Highlights

- \$5.0 million in available funding
- Designed to encourage fleet operators to choose the cleanest available technology when expanding or replacing their fleet.
- Applications reviewed on first-come, first-served basis, until June 3, 2016, or until funds are exhausted
- Eligible Vehicles must be:
 - New (Model Year 2015 or newer)
 - Gross Vehicle Weight Rating (GVWR) > 14,000 lbs
 - Approved for sale/operation in California by the California Air Resources Board



Eligibility

- Applicants can be either a public or non-public entity that will operate vehicles within <u>Air District's jurisdiction</u>
- Applicants must have applied for, and been rejected for, or not eligible for <u>Voucher Incentive Program</u> or <u>Goods Movement Program</u>
- Vehicles purchased/leased cannot be used for the purpose of meeting emissions reductions required by regulation or obligation
- Vehicles must achieve minimum 15,000 vehicle miles traveled (VMT) during the life of the project (3 years)



Funding

- Award amounts are determined by the amount of estimate emissions reductions achieved
- Awards cannot exceed the vehicle's "incremental cost", difference in cost between a ZEV and its new diesel/gasoline-fueled counterpart
- Additional \$25,000 for scrapping a compliant model year (MY) 2000-2006 vehicle
 - Registered in the AD Jurisdiction; owned by applicant
 - Be the <u>same weight-class as new vehicle</u>
 - Mileage/fuel usage documents for <u>previous 24 months</u>
- Up to \$5,000 of awarded funds can be used to install infrastructure to support the vehilce



How to Apply

- Submit a complete application package (online and hardcopy) by the June 3rd application deadline, including:
 - A complete application form:
 - Online application: Submit online application, upload the required attachments
 - Hard-copy: Print the completed online application and mail the signed hard-copy along with the required attachments
 - Signed letter of commitment or a signed resolution and evidence matching funds are secured
 - Copy of W-9, hard copy only



Online Grant Application

HD ZEV Program

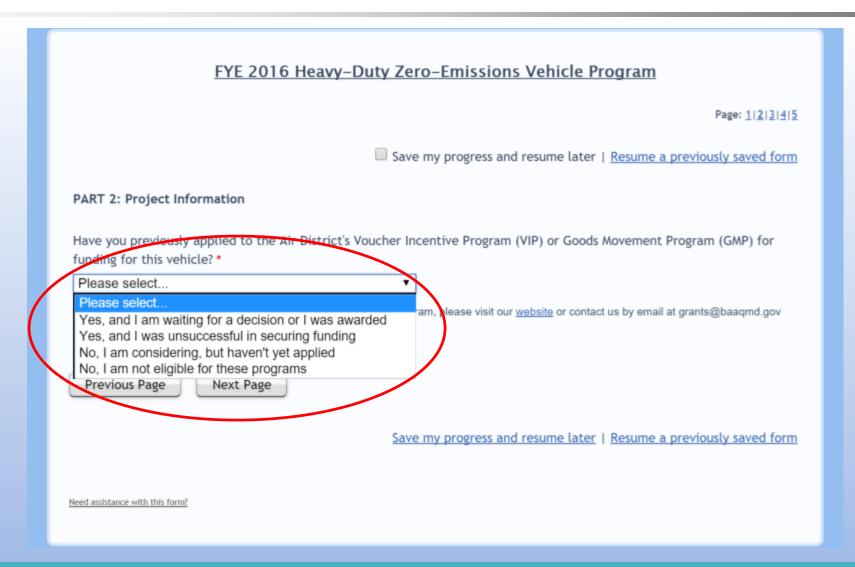


Part 1: Applicant Information



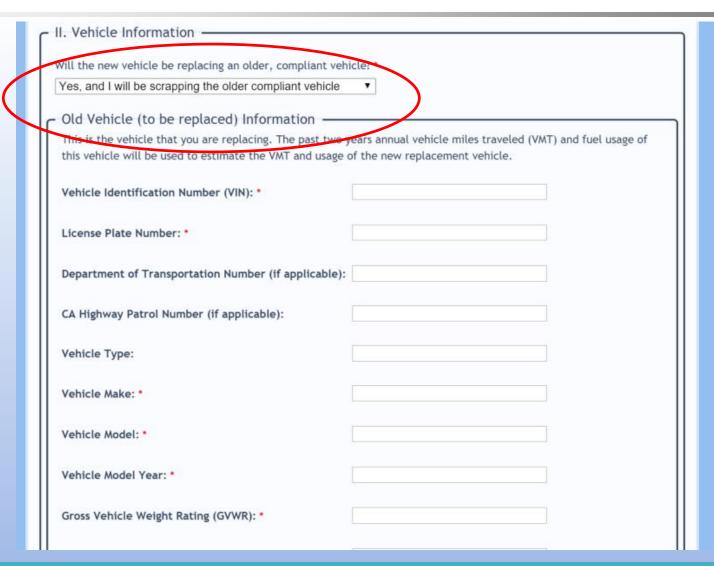


Part 2: Project Information





Part 2: Old Vehicle Information



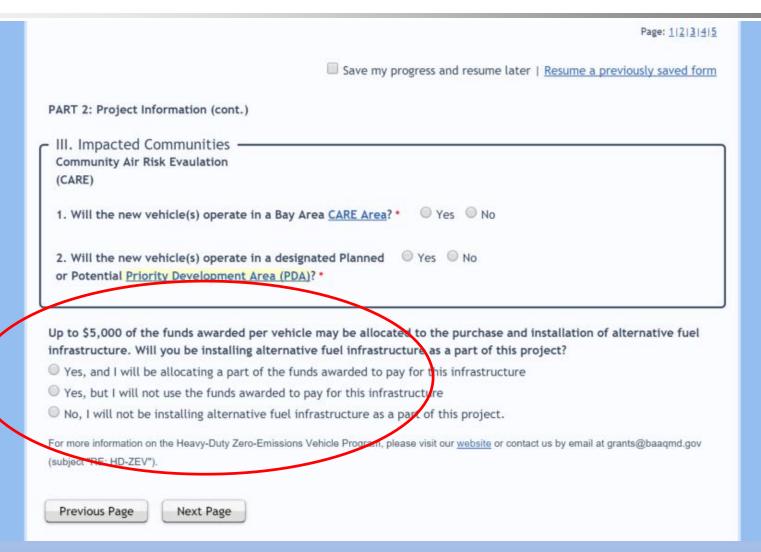


Part 2: New Vehicle Information

Vehicle Type: Vehicle Number or ID (Optional):			
Vehicle Make: *			
Vehicle Model: *			
		- 11	
New Vehicle Purchase Cost: *			
Purchase Cost of a comparable vehicle that is diesel or gasoline fueled: •			

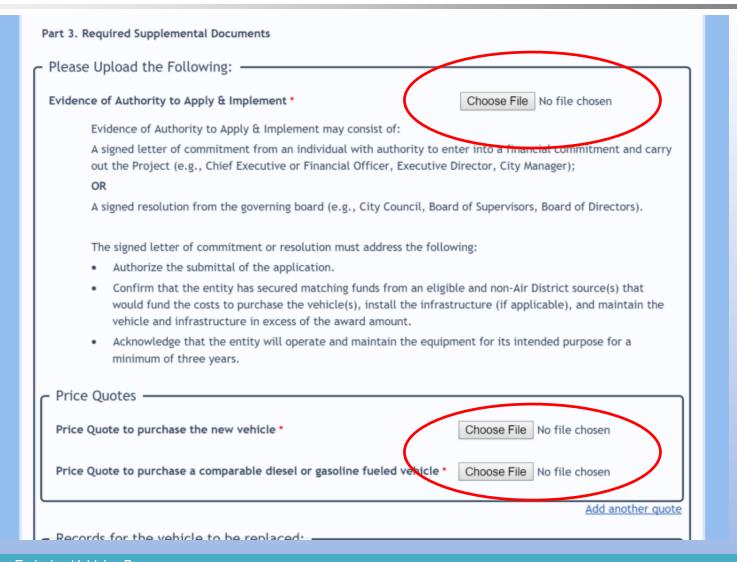


Part 2: Infrastructure





Part 3: Supplemental Documents





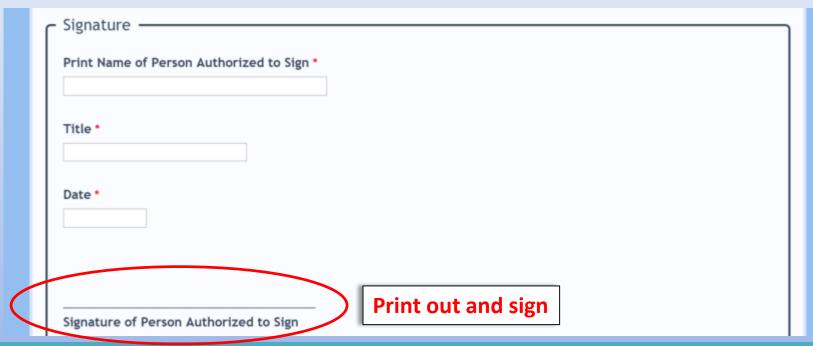
Part 4: Certification

Part 4: Certification and Survey

Certification

By submitting this application online, the person who is authorizing this application agrees to the statements below and certifies that to the best of his/her knowledge, the information contained in this application and in any documentation accompanying this application or submitted in furtherance of this application is true and accurate. Any misstatements or omissions of material facts may disqualify this application and can result in cancellation of any monies awarded based on it.

• The applicant entity I represent has read, understood, and agrees to comply with the requirements listed in the





Website: www.baaqmd.gov/HDZEV

General Questions about HD ZEV Program grants@baaqmd.gov; (415) 749-4994

Michael Neward
Administrative Analyst
mneward@baaqmd.gov
(415) 749-4703

Chengfeng Wang
Supervising Air
Staff Specialist
cwang@baaqmd.gov
(415) 749-8647



Heavy-Duty Zero-Emission Vehicles (HD ZEV) Program



Additional ZEV Funding Resources

Voucher Incentive Program (VIP): Provides a streamlined approach for small fleets to replace or retrofit older, high-polluting diesel-powered on-road vehicles with lower-polluting equipment.

Goods Movement Program (Proposition 1B): Aims to quickly reduce air pollution emissions and health risk from freight movement along California trade corridors.

California Hybrid & Zero-Emissions Truck & Bus Voucher Incentive Program (HVIP): Aids the introduction of hybrid/electric trucks/buses by reducing the purchase price of these vehicles in California.