



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

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

*Application Workshop*

*February 18, 2016*

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# 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.

The screenshot shows a GoToWebinar control panel. On the left, a vertical toolbar contains icons for 'Show/Hide Control Panel', 'Raise Hand', and 'Questions Box'. Three callout boxes with arrows point to these icons: a light blue box for 'Show/Hide Control Panel', a light blue box for 'Raise Hand', and a dark blue box for 'Questions Box'. The main panel has a menu bar (File, View, Help) and several sections: 'Audio' (with 'Telephone' and 'Mic & Speakers' options, a 'Sound Check' link, and a 'MUTED' status), 'Handouts - 0', 'Questions' (with a text input field containing '[Enter a question for staff]' and a 'Send' button), and a footer with 'An Air District Webinar', 'Webinar ID: 114-475-211', and the 'GoToWebinar' logo.



# 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 [Air District's jurisdiction](#)
- Applicants must have applied for, and been rejected for, or not eligible for [Voucher Incentive Program](#) or [Goods Movement Program](#)
- 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 **same weight-class as new vehicle**
  - Mileage/fuel usage documents for **previous 24 months**
- **Up to \$5,000** of awarded funds can be used to install infrastructure to support the vehicle



# How to Apply

- Submit a complete application package (online and hardcopy) by the **June 3<sup>rd</sup>** 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

## FYE 2016 Heavy-Duty Zero-Emissions Vehicle Program

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### PART I: Applicant Information



GRANT APPLICATION

PUBLIC AND NON-PUBLIC ENTITIES  
FYE 2016

**Directions:** Before starting the application, please review the [Program Requirements](#) and [website](#). Applications packages must be submitted to the Air District **BOTH** electronically (online) and as a hard copy. Applications will be accepted beginning Monday, February 1, 2016, and funding for eligible projects is available on a first-come, first-served basis, through June 3, 2016, unless funds are exhausted sooner.

**Note:** This Applications application works best using Google Chrome or Mozilla Firefox browsers. Please do not use the backward/forward button of the browser to navigate through the application; this will cause data to be lost. Instead, click on the page numbers on the upper right of the page or use the buttons on the bottom to go to the desired page.

Projects that commence before an executed agreement is in place will be deemed ineligible for award. Commence includes, but is not limited to, entering a contract or agreement to purchase the vehicle, or scrapping the replacement vehicle. Additionally, any project costs incurred before an executed agreement is in place is not eligible for reimbursement.

\* Indicates required field.

Legal Name of Applicant: \*

### APPLICANT'S ADDRESS

Legal Address \*

Street Address Line 2

City \*

State \*

Zip \*

Do you have a mailing address



# Part 2: Project Information

## FYE 2016 Heavy-Duty Zero-Emissions Vehicle Program

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### PART 2: Project Information

Have you previously applied to the Air District's Voucher Incentive Program (VIP) or Goods Movement Program (GMP) for funding for this vehicle? \*

Please select..

- Please select..
- Yes, and I am waiting for a decision or I was awarded
- Yes, and I was unsuccessful in securing funding
- No, I am considering, but haven't yet applied
- No, I am not eligible for these programs

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am, please visit our [website](#) or contact us by email at [grants@baaqmd.gov](mailto:grants@baaqmd.gov)

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# Part 2: Old Vehicle Information

II. Vehicle Information

Will the new vehicle be replacing an older, compliant vehicle?

Yes, and I will be scrapping the older compliant vehicle ▾

Old Vehicle (to be replaced) Information

This is the vehicle that you are replacing. The past two years annual vehicle miles traveled (VMT) and fuel usage of this vehicle will be used to estimate the VMT and usage of the new replacement vehicle.

Vehicle Identification Number (VIN): \*

License Plate Number: \*

Department of Transportation Number (if applicable):

CA Highway Patrol Number (if applicable):

Vehicle Type:

Vehicle Make: \*

Vehicle Model: \*

Vehicle Model Year: \*

Gross Vehicle Weight Rating (GVWR): \*



# Part 2: New Vehicle Information

## New Vehicle Information

This is the vehicle that you are requesting funding to purchase or lease. If you are applying for more than one vehicle, please use the "Add another vehicle" link on the bottom right to repeat this section for each vehicle.

Vehicle Type:

Vehicle Number or ID (Optional):

Vehicle Make: \*

Vehicle Model: \*

New Vehicle Purchase Cost: \*

Purchase Cost of a comparable vehicle that is diesel or gasoline fueled: \*

[Add another vehicle](#)

For more information on the Heavy-Duty Zero-Emissions Vehicle Program, please visit our [website](#) or contact us by email at [grants@baaqmd.gov](mailto:grants@baaqmd.gov) (subject "RE: HD-ZEV").



# Part 2: Infrastructure

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## PART 2: Project Information (cont.)

### III. Impacted Communities Community Air Risk Evaluation (CARE)

1. Will the new vehicle(s) operate in a Bay Area [CARE Area](#)? \*  Yes  No
2. Will the new vehicle(s) operate in a designated Planned or Potential [Priority Development Area \(PDA\)](#)? \*  Yes  No

Up to \$5,000 of the funds awarded per vehicle may be allocated to the purchase and installation of alternative fuel infrastructure. Will you be installing alternative fuel infrastructure as a part of this project?

- Yes, and I will be allocating a part of the funds awarded to pay for this infrastructure
- Yes, but I will not use the funds awarded to pay for this infrastructure
- No, I will not be installing alternative fuel infrastructure as a part of this project.

For more information on the Heavy-Duty Zero-Emissions Vehicle Program, please visit our [website](#) or contact us by email at [grants@baaqmd.gov](mailto:grants@baaqmd.gov) (subject "RF: HD-ZEV").

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# Part 3: Supplemental Documents

## Part 3. Required Supplemental Documents

Please Upload the Following:

### Evidence of Authority to Apply & Implement \*

Choose File No file chosen

Evidence of Authority to Apply & Implement may consist of:

A signed letter of commitment from an individual with authority to enter into a financial commitment and carry out the Project (e.g., Chief Executive or Financial Officer, Executive Director, City Manager);

OR

A signed resolution from the governing board (e.g., City Council, Board of Supervisors, Board of Directors).

The signed letter of commitment or resolution must address the following:

- Authorize the submittal of the application.
- Confirm that the entity has secured matching funds from an eligible and non-Air District source(s) that would fund the costs to purchase the vehicle(s), install the infrastructure (if applicable), and maintain the vehicle and infrastructure in excess of the award amount.
- Acknowledge that the entity will operate and maintain the equipment for its intended purpose for a minimum of three years.

### Price Quotes

#### Price Quote to purchase the new vehicle \*

Choose File No file chosen

#### Price Quote to purchase a comparable diesel or gasoline fueled vehicle \*

Choose File No file chosen

[Add another quote](#)

Records for the vehicle to be replaced:



# 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

### Signature

Print Name of Person Authorized to Sign \*

Title \*

Date \*

\_\_\_\_\_  
Signature of Person Authorized to Sign

**Print out and sign**



**Website: [www.baaqmd.gov/HDZEV](http://www.baaqmd.gov/HDZEV)**

**General Questions about HD ZEV Program  
[grants@baaqmd.gov](mailto:grants@baaqmd.gov); (415) 749-4994**

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# 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.