

Bay Area Air Quality Management District

Clean Air Vehicle Funding Workshop

Fairfield, CA
November 14, 2013



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Bay Area Air Quality Management District



- Intro to BAAQMD
- Why Clean Fleets Matter?
- BAAQMD Incentive Programs
 - Carl Moyer Program
 - Goods Movement Program/On-Road Trucks
 - Lower Emission School Bus Program
 - Transportation Fund for Clean Air (TFCA)
Regional Fund

Bay Area Air Quality Management District (BAAQMD)



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

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



Why Clean Fleets Matter?



- Bay Area Population of on-road vehicles – 5 million
- Region occasionally exceeds state and federal air quality standards
- On-road vehicles a major contributor to air pollution and greenhouse gases
- Population, Goods Movement, vehicle ownership expected to grow through 2020



Strategic Incentives Funding (in Millions)



\$55 million to be allocated in FYE 2014

- **Carl Moyer Program (CMP): \$15**
- **Goods Movement Program - On-Road Trucks: \$14.5**
- **Lower Emission School Bus Program: \$5**
- **Transportation Fund for Clean Air (TFCA):**
 - Regional Fund \$11**
 - County Program Manager Fund \$10**

Carl Moyer Program (CMP)



Year 15



Funding Opportunities: www.baaqmd.gov/Moyer

- **Voucher Incentive Program (VIP)**
 - Up to \$45k in funding for truck replacements
 - Fleets with 10 or fewer HDV
 - Operate a minimum of 15,000 miles
 - www.baaqmd.gov/VIP
- **Off-Road Equipment Replacement Program (ERP)**
 - Up to 80% of the new equipment cost eligible for funding
 - Replace older equipment with newer, cleaner equipment
 - Eligible equipment: Loaders, tractors, backhoes, farm equipment, etc.
 - www.baaqmd.gov/ERP
- **Other categories:** Marine, locomotive, agriculture



Note: Emissions benefits must be surplus to regulatory requirements

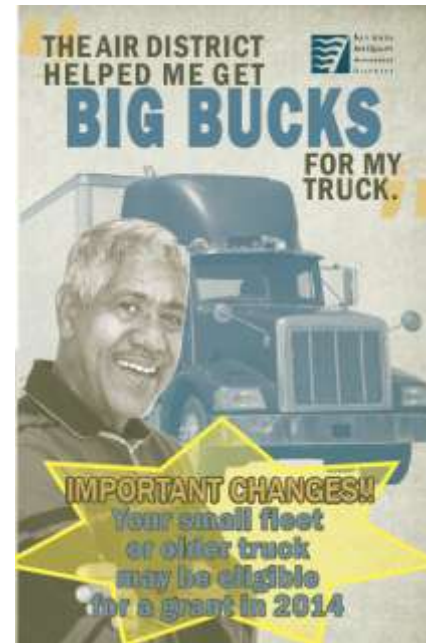
Goods Movement Program

On-road Trucks/ Year 4



On-road truck replacement funding

- \$14.5 million currently available
- Apply online: www.baaqmd.gov/goods
- Applications due by **12/12/13**
- Up to \$50k available per truck replaced
- **Basic requirements:**
 - 75% operation within California for the past 2 years
 - Move goods as part of a sales transaction
 - Commit to at least 50% travel within the four California trade corridors
 - Engine model years 2006 and older
 - Small fleets given priority for funding



Lower Emission School Bus Program:



Funding Opportunities: \$14.5 million currently available

<http://www.baaqmd.gov/Divisions/Strategic-Incentives/On-Road-Vehicles/School-Bus.aspx>

- Replacement of MY 1993 and older public school buses
- Retrofit of MY 1987 and newer school buses with emission control devices
- Replacement of on-board compressed natural gas (CNG) fuel tanks on public school buses between 14 and 16 years old



Incentives for Trip Reduction Projects via TFCA Regional Fund



- **Bicycle Rack Voucher Program (\$600,000 - Public agencies only):**
<http://www.baaqmd.gov/Divisions/Strategic-Incentives/Alternative-Transportation/Electronic-Bicycle-Lockers.aspx>
 - Purchase new bicycle racks that create new bicycle parking spots
 - Vouchers up to \$60/bicycle parking spot created, \$12,000 max/applicant
 - Vouchers can only be redeemed for qualified equipment with Vendors who are pre-approved through the Air District's BRVP
 - Applications reviewed on a 1st come, 1st served basis through 1/31/14
- **Bicycle E-Locker Program (\$400,000 - Public agencies only):**
<http://www.baaqmd.gov/Divisions/Strategic-Incentives/Alternative-Transportation/Electronic-Bicycle-Lockers.aspx>
 - Purchase and install new e-lockers
 - Up to \$2,500 per bicycle accommodated
 - Limited to \$50,000 per agency
 - Applications reviewed on a 1st come, 1st served basis through 2/10/14
- **Shuttle Service & Regional Rideshare (\$4,000,000 - Public agencies only)**

Incentives for Clean Vehicle Projects

TFCA Regional Fund



- **Alternative Fuel Infrastructure and Vehicles:**
 - Natural Gas and Hydrogen – \$2 million (TBD 2014)
- **PEVs:**
 - Public Fleet Replacement Program – \$2 million (Spring 2014)
 - Residents and Business Fleet – \$1.75 million (TBD 2014/ pending CVRP)
- **PEV Infrastructure:**
 - Workplace/MDU/Destination – \$1.5 million (Spring 2014)
 - **DC Quick Charger – \$1 million (open)**
<http://www.baaqmd.gov/Divisions/Administration/RFP-RFQ/Open-RFP-RFQ.aspx>

DC Quick Charger Program Overview



- **\$1 million** currently available
- **Up to \$20,000** per DC Quick Charger available on a reimbursement basis (approx. 50)
 - \$10,000 for installation
 - Up to \$10,000 in bonuses, depending on charger usage
- **Up to 20 free chargers** from Nissan
- First-come, first-served basis until funds are exhausted (thru 6/30/14)



DC Quick Charger Program

Program Details



- **Applicants can apply for either:**
 - I. Air District Funds **only** (up to \$20,000 per charger);
OR
 - II. Air District Funds **and** one or more DC Quick Chargers provided by Nissan **or** additional funding from Nissan
- BAAQMD Bonuses are **pro-rated based on usage** and awarded up to \$5,000 on **an annual basis**
- Awardee must operate chargers and comply with all program requirements for a minimum of 2 years

DC Quick Charger Program

Program Details (cont'd)



Payment Schedule	Award per charger	Milestone (cumulative electricity usage in kWh)
Base Award	\$10,000	Installation
1 st Bonus Award	\$5,000	46,458 kWh
2 nd and Final Bonus Award	\$5,000	61,944 kWh
Total Maximum Award	\$20,000	61,944 kwh or greater

- Minimum usage required is **30,972kWh**
 - If minimum isn't met by Year 2, one additional year of operation required (3 years total)
 - Optional 3rd year of operation to those who have met minimum usage, but have not qualified for the full award amount

Free Charger from Nissan

Eligibility Requirements



- **Contractors must:**
 - **Obtain permits within 60 days of contract execution**, but no later than March 28, 2014
 - **Complete all work with in 45 days of receipt of free charger**, but no later than 4 months of contract execution
- **Not eligible** - Any party whom Nissan has provided funding or DC quick charger, unless charger is incremental



Nissan Incentives

- Permits must be submitted by 3/28/2014:
 - To receive a free/discounted charger from Nissan
- Funding:
 - \$15,000 for installation by 12/31/2013
 - \$10,000 for installation by 3/31/2014

**FREE FAST CHARGER & NISSAN FUNDING ARE
NOT COMPATIBLE**



BAAQMD Contacts



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Q&A



BAAQMD Grants:

<http://www.baaqmd.gov/Divisions/Strategic-Incentives.aspx>

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