



Draft Transportation Fund for Clean Air (TFCA) Regional Fund Policies & Evaluation Criteria for FYE 2016

March 3, 2015

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

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Bay Area Air Quality Management District



Overview

- Introductions
 - **Bay Area Air Quality Management District (BAAQMD)**
 - **Transportation Fund for Clean Air Program (TFCA)**
- Proposed Updates to General and Project Specific Policies and Evaluation Criteria for TFCA Regional Fund in FYE 2016
 - **Clean Air Vehicle Projects (Michael Neward)**
 - **Trip Reduction Services (Ken Mak)**
 - **Bicycle Projects (Patrick Wenzinger)**
- Tentative Schedule
- Questions and Comments



Bay Area Air Quality Management District (BAAQMD)

- Established in 1955
- 7 million population
- 5 million registered on-road vehicles
- 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)
- TFCA primarily provides funding to Trip Reduction and Alternative Fuel Vehicle-based projects:
 - **60% of TFCA funds** awarded directly by BAAQMD:
 - BAAQMD led projects and programs
 - TFCA Regional Fund Program
 - **40% of TFCA funds are** distributed to the 9-Bay Area Congestion Management Agencies
- BAAQMD's Board annually **adopts policies and evaluation criteria for TFCA**



TFCA Regional Fund FYE 2016

- Contains policies and evaluation criteria for 9 project categories (Policies #22-32)
- Additional project categories may be authorized at a later date or as Air District-sponsored programs (EV chargers, bike racks)

- Website:

www.baaqmd.gov/grants

Strategic Incentives | Funding Sources | Transportation Fund for Clean Air | Regional Fund

Regional Fund

ANNOUNCEMENT! The Air District is currently seeking public comments on the draft revisions to the Transportation Fund for Clean Air (TFCA) Regional Fund Policies and Evaluation Criteria for Fiscal Year Ending (FYE) 2016. These policies cover the following project categories:

- **Clean Air Vehicle Projects**, including:
 - On-Road Truck Replacements;
 - Light-Duty Zero and Partial-Zero Emissions Vehicles for Fleets;
 - Heavy-Duty Zero Emissions Vehicles; and
 - Alternative Fuel Infrastructure (Hydrogen and CNG).
- **Trip Reduction Projects**, including:
 - Shuttle/Feeder Bus Services;
 - Trip Reduction Services (Pilots); and
 - Regional Ridesharing Services;
- **Bicycle Projects**, including:
 - Electronic Bicycle Lockers; and
 - Bicycle Facilities.

We invite comments on these draft revisions. The deadline for receiving comments is Monday, March 23, 2015 by 5:00PM. Based on stakeholder input, a final version will be developed for consideration by the Air District's Board of Directors in spring of 2015.

- Draft TFCA Regional Fund Policies and Evaluation Criteria for FYE 2016 (PDF)
- Draft TFCA Regional Fund Policies and Evaluation Criteria for FYE 2016 - Redline (PDF)

Comments may be emailed to grants@baaqmd.gov or sent by mail to:
Strategic Incentives Division



Proposed Updates: **General Policies (All Project Types)**

- **New Requirements:**
 - #11: Required compliance with Air Quality Regulations
- **Clarifications:**
 - #2: Cost-Effectiveness – updates for certain project categories
 - #15: Requires Project Sponsors and subcontractors to obtain and maintain applicable insurance
 - #19: TFCA County Program Manager Funds may not be combined with TFCA Regional Funds
 - Significant text revisions for clarity
- **New Project Categories:**
 - #32: Bicycle Facilities (lanes and paths)



TFCA Regional Fund FYE 2016 Policy #2 - Cost Effectiveness

Ratio of TFCA funds awarded divided by the total tons of reactive organic gases (ROG), oxides of nitrogen (NO_x), and weighted particulate matter (PM_{10}) *reduced* over project useful life.

$$CE = \frac{TFCA \text{ awarded } (\$)}{(ROG + NO_x + PM_{10} \times 20) \text{ reduced } (tons)}$$

- Table 1: Maximum Cost-Effectiveness for FYE 2016 TFCA Regional Fund Projects
- Other Evaluation Criteria may apply



CLEAN AIR VEHICLE PROJECTS



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Clean Air Vehicle Projects

Accelerate deployment of zero-emissions on-road vehicles.

- **#23 – Light-Duty Zero & Partial-Zero Emissions Vehicles for Fleets:**

- Purchase/lease of 3 or more new vehicles
- Gross vehicle weight rating (GVWR) of 14,000 or lighter
- Funding levels based on usage (mileage)

- **#24 – Heavy-Duty Zero Emissions Vehicles:**

- Purchase/lease of new vehicles
- GVWR of 14,001 or greater
- Funding levels based on usage (mileage)

- **#25 – Alternative Fuel Infrastructure:**

- Purchase/install or upgrade **Hydrogen** and **CNG** stations



Proposed Updates: **Project Specific, Clean Air Vehicles**

- **#23 – Light-Duty Zero and Partial-Zero Emissions Vehicles for Fleets:**
 - Updates model year requirements (2015 or newer)
 - Consolidates funding levels based on usage
 - Permits up to \$5,000 of funding to be used to pay for refueling infrastructure
 - Modifies language regarding “incremental cost”
- **#24 – Heavy-Duty Zero Emissions Vehicles:**
 - Updates model year requirements (2015 or newer)
 - Permits up to \$5,000 of funding to be used to pay for refueling infrastructure and provides additional funding for scrappage of older vehicles
 - Modifies language regarding “incremental cost”
- **#25 – Alternative Fuel Infrastructure:**
 - No proposed policy changes



TRIP REDUCTION SERVICES



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Trip Reduction Services

Facilitate last-mile connections to reduce commute-hour single-occupancy vehicle trips.

- **#28 – Shuttle/Feeder Bus Services:**
 - Provides funding to operate shuttle services connecting a mass transit hub with a distinct commercial or employment area
- **#29 – Pilot Trip Reduction Services:**
 - Provides 2-year startup funding for pilot trip reduction services in Highly Impacted Communities (CARE areas) and Priority Development Areas (PDAs)
- **#30 – Regional Ridesharing Services:**
 - Provides funding for carpool, vanpool, and other ridesharing services
 - Requires that projects serve at least five Bay Area counties, and no single county may account for more than 80% of all program participants



Proposed Updates: Project Specific, Trip Reduction

- **#28 – Shuttle/Feeder Bus Services:**
 - Clarifies how routes serving multiple locations are evaluated with respect to policy 28.d
 - Removes financial plan requirement
 - Allows projects operating in CARE Areas or PDAs to qualify for funding at a cost-effectiveness level of \$200,000 per ton
- **#29 – Pilot Trip Reduction Services:**
 - Expands trip reduction project category to include other trip reduction services; Goal of transitioning projects to be self-sustaining financially within two years
 - Requires projects to be located in CARE Areas or PDAs
 - Requires applicants to attend a pre-application workshop to discuss potential projects with the Air District
- **#30 – Regional Ridesharing Services:** No proposed policy changes



BICYCLE PROJECTS



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Bicycle Projects

Facilitate access to bicycle roadways and parking to reduce single-occupancy vehicle trips.

- Must serve major activity centers (e.g., transit, employment centers, etc.)
- Cannot be used exclusively for recreational use

- **#31 – Electronic Bicycle Lockers:**

- Expand public access to secure bicycle parking
- Purchase and install new electronic bicycle lockers

- **#32- Bicycle Facilities:**

- Construct and/or install new Class 1, 2, 3, & 4 facilities
- Projects must close an existing gap to expand bicycle roadway network
- Compliance with CA Highway Design Manual & Protected Bikeway Act of 2014
- Funding prioritized for projects located in close proximity to major regional transit stations/terminals and Bay Area Bike Share stations



Proposed Updates: **Project Specific, Bicycle Projects**

- **#31- Electronic Bicycle Lockers:**
 - Clarifies the maximum award amount per locker
- **#32- Bicycle Facilities: New project category**



Schedule

*** All Dates after March 23 are tentative and subject to change**

February 17, 2015

Draft Policies issued for Public Comment

March 3, 2015

Informational Workshop and Webinar

March 23, 2015, 5pm

Public Comment Period closes

*** April 23, 2015 (*tentative*)**

Mobile Source Committee Meeting

*** May 6, 2015 (*tentative*)**

Board of Directors Meeting



OPEN FOR COMMENTS

Written Comments

Due: March 23, 2015 (5:00PM)

Subject: Comments for draft FYE 2016 TFCA Regional Fund Policies and Evaluation Criteria

Mailing Address:

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