

Goods Movement Emission Reduction Program Switcher Locomotive Application

Introduction

The Bay Area Air Quality Management District (“District”) is accepting applications for the Goods Movement Emission Reduction Program (the “Goods Movement Program”). The purpose of this program is to provide funding to replace, repower and retrofit heavy-duty diesel vehicles with lower-polluting engines and retrofit control devices that are operating in the State’s trade corridors. This application is for switcher locomotive projects only.

What You Need To Do

If you would like to be considered for participation in this program, please fill out the application and mail two copies of the application form along with two copies of the required attachments by **August 15, 2008**, to:

Bay Area Air Quality Management District
Attn: Joseph Steinberger
939 Ellis St.
San Francisco, CA 94109

The submittal of this information does not guarantee approval for funding, but will be used to determine the potential emission reductions and District funding contribution associated with the proposed project. Any equipment purchased prior to the execution of an official grant agreement will not be eligible for funding. If you have any questions regarding this program or the application process, please contact Joseph Steinberger by phone at (415) 749-5018 or by e-mail at: jsteinberger@baaqmd.gov.

Application Information

1. General contact information

- Name/organization/agency/company: _____
- Mailing address: _____
- Primary contact:
 - Name: _____
 - E-mail Address: _____
 - Phone number: _____
- Person with equipment contract signing authority (Owner):
 - Name: _____
 - E-mail Address: _____
 - Phone number: _____
- Person that completed application:
 - Name: _____
 - E-mail Address: _____
 - Phone number: _____
- Small business information:
 - Railroad Class (1, 2, or 3) _____
 - Number of locomotives: _____
 - Number of employees: _____
 - Annual gross income: _____

2. Third Party Assistance in Preparing the Application (Complete this section if a third party assisted in the preparation of the application)

- Third party person’s name : _____
- Third party person’s signature: _____
- Date: _____
- How much was third party paid for completing application: _____
- What source of funds are being used to pay the third party: _____

3. Current Locomotive Information

- Locomotive data

1. Locomotive Type (traditional or alternative technology switcher):			
2. Locomotive Build Number:			
3. Locomotive Build Date:			
4. Locomotive Builder:			
5. Locomotive Builder Model:			
6. Locomotive Make:			
7. Locomotive Model:			
8. Locomotive Model Year:			
9. Locomotive Serial Number:			
10. Locomotive Roster Number:			
11. Number of Engines:			
12. Engine Data	1	2	3
o Location/Identifier (Forward, Center, Aft, etc):			
o Modifications (roots blown, turbo-charged, other):			
o Control Level (uncontrolled, Tier 0, 1):			
o Engine Family:			
o Engine Make:			
o Engine Type:			
o Engine Model:			
o Engine Model Year:			
o Engine Serial Number:			
o Engine Horsepower:			
o Number of Cylinders:			
o Fuel Type:			
13. Electronic Monitoring Unit Device Type (if applicable):			
14. Electronic Monitoring Unit Device Model (if applicable):			

- Locomotive documentation
 - o **Attach** to this application documentation of current ownership (copy of title of locomotive)
 - o **Attach** documentation showing that the locomotive owner carries the appropriate insurance (i.e. Railroad Liability and Railroad Rolling Stock Insurance)

Activity data for the past 2 years	Last Year	Two Years Ago
15. Annual Fuel Consumption (gallons of fuel):		
16. Annual Megawatt Hours of Operation:		
17. Profile of Locomotive Duty Cycle (i.e., idle time, throttle notch setting per increment of time for each engine:		
18. Which of the following areas do you typically operate your locomotive? (San Francisco Bay Area, Central Valley, Los Angeles/Inland Empire and/or San Diego/Border Region):		

(Note: Activity documentation of at least 50% of operation in goods movement corridors, fuel consumption and megawatt hours of operation may be requested for the past 2 years)

4. Equipment project schedule

Complete the following project schedule by providing the number of weeks after the contract has been signed when you expect an activity to occur (Example: Equipment ordered 2 weeks after contract signed, Equipment acquisition 6 weeks after contract signed, etc.)

Activity	Weeks after Contract Signed
A. Equipment order.	
B. Equipment acquisition/installation.	
C. Submittal of invoice to Air District for reimbursement	
D. Initial reporting 6 months after project completion	

5. Proposed equipment project information

- Enter information about the new vessel engine(s) you propose to install:

19. Locomotive Type (traditional or alternative technology switcher):			
20. Locomotive Builder:			
21. Locomotive Make:			
22. Locomotive Model:			
23. Locomotive Model Year:			
24. Number of Engines:			
25. Engine Data	1	2	3
o Location/Identifier (Forward, Center, Aft, etc):			
o Modifications (roots blown, turbo-charged, other):			
o PM Emission Rate Certified by U.S. EPA & Verified by ARB (g/bhp-hr)			
o NOx Emission Rate Certified by U.S. EPA & Verified by ARB (g/bhp-hr)			
o Engine Family:			
o Engine Make:			
o Engine Model Year:			
o Engine Horsepower:			
o Number of Cylinders:			
o Fuel Type:			
26. Electronic Monitoring Unit (EMU) Device Type:			

27. Describe or **Attach** a Sample of the Type/Format of Reportable Data from the EMU:

- **Attach** to this application documentation (verifiable quote) of all engine/locomotive modifications planned as part of the project. Include description of upgrades to such things as exhaust systems, electronics, etc.
- **Attach** to this application an itemized verifiable cost quote from vendor for all costs associated with the locomotive, engine, or generator set of the locomotive.
- Provide below an estimate of how you will use your locomotive over the contract period.

28. Annual Fuel Consumption (gallons of fuel):

29. Annual Megawatt Hours of Operation:

30. Profile of Locomotive Duty Cycle (i.e., idle time, throttle notch setting per increment of time for each engine:

- Enter below information regarding the financing of the project.

31. What is the estimated total cost of the project:

32. How much money are you requesting from the Air District:

33. Who will be providing the remaining money to pay for the project:

(**Attach** to this application documentation showing the availability of this money)

(**Note:** Equipment project applications shall identify any loan programs the equipment owner intends to utilize to fully fund the equipment project. The total project cost shall include the purchase price of the equipment, including shipping charges, and the cost of installation or construction (as applicable). Installation costs shall only include installation of the components necessary to operate the equipment. Taxes, fees, insurance, and other charges may not be included as part of the total project cost.)

6. Disclosures

Applicant must read and initial each item below to indicate understanding and agreement:

- a. Certification that once the equipment owner signs this application, the owner shall not submit other applications for funding for the same vessel under this Program or the Carl Moyer Program:
Initial: _____
- b. I certify that this application is for equipment/vehicle(s)/engine(s) that have not already been funded, nor are currently under consideration for funding by another air district, the California Air Resources Board (ARB) or by another public agency.
Initial: _____
- c. Certification that Program funds were not used to previously upgrade the equipment identified in the equipment project application. For example, an owner of a vessel that received funding for a repower under this Program may not subsequently submit an application for Program funds to replace that vessel.
Initial: _____
- d. Disclosure of any other source(s) of funding that the equipment owner has applied for that would be used for the same equipment project. The disclosure shall identify the
Source of funds: _____
How much is being applied for: _____
What the funding would be used for: _____
Initial: _____

- e. Certification that equipment project match funding is reasonably available to complete the equipment project according to the proposed timeframe.
Initial: _____
- f. Disclosure of the value of any existing financial incentive that directly reduces the project cost (including tax credits or deductions, grants, or other public financial assistance) for the same equipment project: _____
Initial: _____
- g. Certification that neither the owner nor equipment identified in the equipment project application has any outstanding violations of ARB regulations.
Initial: _____
- h. I understand and agree that the District may conduct an inspection of the equipment, vehicle(s) and/or vessel(s) that are the subject of this application prior to an award in order to verify eligibility and compliance with the Goods Movement Program.
Initial: _____
- i. I certify that the proposed project is not required by any local, State or federal rule or regulation; judicial order, or agreement, memorandum of understanding, contract, or other binding obligation that requires the project application to implement any portion of the project that would be funded by the District under the Goods Movement Program.
Initial: _____
- j. I have attached documentation showing that my organization carries the appropriate insurance (i.e. Protection and Indemnity and Hull Insurance.)
Initial: _____
- k. I certify that I have the legal authority to apply for funding on behalf of the applicant entity and that I am authorized to sign this application on behalf of applicant.
Initial: _____
- l. I understand that this application is for evaluation purposes only and does not guarantee project funding.
Initial: _____
- m. I understand that new equipment funded by this program can only be purchased or ordered once the contract is signed between the equipment owner and the Air District.
Initial: _____
- n. I certify that to the best of my 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.
Initial: _____

Signed: _____ **Date:** _____
(Authorized Representative of Applicant Vehicle Owner)

Name (Please Print): _____

Title: _____