

APPENDIX E

**LOCOMOTIVES
PROJECT APPLICATION**

**Carl Moyer Memorial Air Quality Standards Attainment Program
LOCOMOTIVE PROJECT
APPLICATION**

This application is for incentive funds for the purchase of locomotive reduced-emission engines, repowers and/or retrofits.

Please provide the following information regarding your proposed purchase and application. Additional information may be requested during the review process if needed. Applicant acknowledges that award of cash incentive is conditional upon approval of the District and must meet the minimum eligibility criteria.

Within ten working days of submission, you will either be notified that your application is complete, or provided with a list of deficiencies. Completed applications fulfilling the criteria will be approved within 60 working days of receipt. If you have any questions regarding the application process, please contact:

*District Incentive Program Contact
Contact Phone Number*

✓ CHECK LIST FOR APPLICATION ITEMS ✓

Be sure the following items are included with your application submittal. Check each applicable box below to indicate inclusion of material.

- Completed Applicant Information Form
- Letter of Agreement from Fuel Provider (if applicable)
- Co-funding Information (if applicable)
- Other _____

✓ CHECK LIST FOR ELIGIBILITY CRITERIA ✓

Please check each applicable box to indicate eligibility of proposed locomotive engine technology.

- The existing locomotive is used in line haul services.
- The existing locomotive is used in short line services.
- The existing locomotive is used in switch yard services.
- The existing locomotive is used in passenger services.
- The proposed engine technology is eligible for program funding.

Check applicable categories below:

The reduced-emission engine/technology:

- has been tested, or
- is under experimental permit for operation in California,

and

For retrofit kits or add-on equipment projects:

- shows required reduction of NOx emissions and no significant increase in particulate emissions compared to the applicable United States Environmental Protection Agency's (USEPA) standard for that engine year and type of application through:
 - California Air Resources Board (ARB) testing,
 - U.S. EPA testing, or
 - Emission testing at a laboratory approved by the U.S. EPA or the ARB.
 - The retrofit technology is warranted by retrofit manufacturer.
 - The purchase is not required by any local, state, or federal rule or regulation, or used to comply with any such rule or regulation.
 - The purchase is not required by any local, state, or federal binding agreement.
 - The amount of emission reduction is not required by any local, state, or federal binding agreement.
- Seventy-five percent or more of the locomotive annual miles and ton-miles traveled or hours of operation will be within the boundaries of California for at least five (5) years from the date the locomotive is placed into service with the new technology.

LOCOMOTIVE APPLICATION

Please Print or Type All Information on This and Any Attached Applications.

A. APPLICANT INFORMATION:			
Organization/Company Name:			
Business Type:			
Contact name:			
Person with contract signing authority:			
Street/mailing address:			
City:	State:	Zip Code:	Air District:
Phone: ()		Fax: ()	
E-mail:			
Geographic area served by organization:			
Geographic area to be served by locomotive (if different than above):			
Number of locomotives in fleet (if available):			

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date:

LOCOMOTIVE REPOWER/RETROFIT APPLICATION SECTION

Please check one:

- Repowering a locomotive with a new reduced-emission engine (replacement)
- Retrofitting a locomotive engine with a new reduced-emission technology

B. GENERAL INFORMATION ABOUT EACH ENGINE FOR REPOWER OR RETROFIT	
1. Number of engines to be purchased/retrofitted:	
2. Fuel type:	
3. Primary function of each locomotive (e.g. short line, switch yard, line haul, or passenger):	
4a. Estimated total annual hours of operation:	4b. Percent within California:
5a. Estimated total annual mileage:	5b. Percent within California:
6. Estimated total annual ton-miles:	
7. Estimated annual fuel consumption/rate (in gallons or gallons/hour) for each locomotive:	8. Incentive Amount Requested:
9. Estimated Project life:	
10. Is there any seasonality to the use of the locomotive? <u>YES/NO</u> If Yes, please explain:	

CURRENT LOCOMOTIVE/ENGINE	NEW REDUCED EMISSION ENGINE/RETROFIT
11. Model year:	Model year: <i>Same as current</i>
12. Engine make:	Engine make:
13. Engine model year:	Engine model year:
14. Engine model number:	Engine model number:
15. Serial number of engine:	Serial number of engine: (to be provided when available)
16. Horsepower:	Horsepower:

LOCOMOTIVE REPOWER/RETROFIT APPLICATION SECTION (continued)

17 a. Estimated locomotive engine life (yrs): b. Estimated engine life remaining (yrs): c. Estimated dollar value:	Estimated locomotive engine life (yrs):
18. Typical remanufacture/replacement schedule:	Typical remanufacture/replacement schedule:
19. Cost of remanufacture w/out control upgrade: \$	Cost of remanufacture with control upgrade: \$
20. Baseline NOx Emission Level (g/bhp-hr)	Controlled NOx emission Level (g/bhp-hr):
21. Baseline PM emission Level (g/bhp-hr):	Controlled PM emission Level (g/bhp-hr):

Please check one:

- Repower or retrofit of pre 1973 engine achieves required 15 percent emission reduction from current uncontrolled emissions.
- Repower or retrofit of a 1973 and later model year engine tests to either federal Tier 1 or Tier 2 standards.
- Repower or retrofit of a pre 1973 model year engine does not achieve required 15 percent emission reduction from uncontrolled baseline emissions (see line 19 above).
- Repower or retrofit of a 1973 and later model year engine does not test to either federal Tier 1 or Tier 2 standards (see line 19 above).

Complete the appropriate information, then go to Section F.

E. GENERAL INFORMATION ABOUT THE INSTALLER

LOCOMOTIVE ENGINE FOR REPOWER (replacement)	
Engine installer:	
Street address:	
City:	State:
Phone: ()	Fax: ()
Contact name:	

OR

LOCOMOTIVE REPOWER/RETROFIT APPLICATION SECTION (*continued*)

RETROFIT TECHNOLOGY	
Retrofit manufacturer:	
Retrofit Installer:	
Installer street address:	
City:	State:
Phone: ()	Fax: ()
Contact name:	Retrofit kit number:
Description of retrofit technology:	

All applicants must complete this section.

F. OTHER INFORMATION

MAINTENANCE
Describe your maintenance facility and practices, including any training regarding the low-emission technology. If the training has not been completed, provide a time line for completion.

REFUELING (for alternative fuels)
Describe how, and where the locomotive will be refueled (e.g. on-site, existing facility, mobile/skid mounted equipment, etc.) Attach written verification of access to refueling facility.