



Carl Moyer and SOON Application Form E-5

Locomotive Engine Remanufacture Kit or Repower/Refurbishment Equipment Information

For project criteria please refer to the locomotive chapter in the Carl Moyer Program Guidelines.

If you have any questions regarding this program or the application process, please contact Mei Wang by phone at (909) 396-3257 or by email at: mwang@aqmd.gov.

If you have more than one equipment for your project, please make copies of this form and use one form for each equipment.

Existing Locomotive Information

Has this locomotive received Carl Moyer Program funds in the past?

☐ Yes ☐ No

Equipment Location Address

Is the equipment location address the same as the applicant address?

☐ Yes ☐ No

Street address/
PO Box

Street Address
Line 2

City

County

State

Zip

Vehicle Type

If other, please describe:

Locomotive type

If other locomotive type, please describe

Locomotive Make

Locomotive Model

Locomotive Model Year

Locomotive Serial
Number

Unit number or
other identifier

Does the locomotive already have a functioning idle limiting device (ILD) installed?

☐ Yes ☐ No



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Locomotive Engine Remanufacture Kit or Repower/Refurbishment Project Details

Railroad Class

All cost estimates must be based on quotes that have been obtained within 90 days prior to the closing date of the Program Announcement. Attach all quotes to the application.

Total Funding Requested from SCAQMD

Identify other funding sources to be used for this project

Total Project Cost (From Quote: MUST EQUAL QUOTE)

Applicant Co-Funding Amount

Operation Information

Percent Operation in California

Percent Operation in District

Proposed Project Life (this is the number of years that the equipment must operate as specified in your SCAQMD contract):



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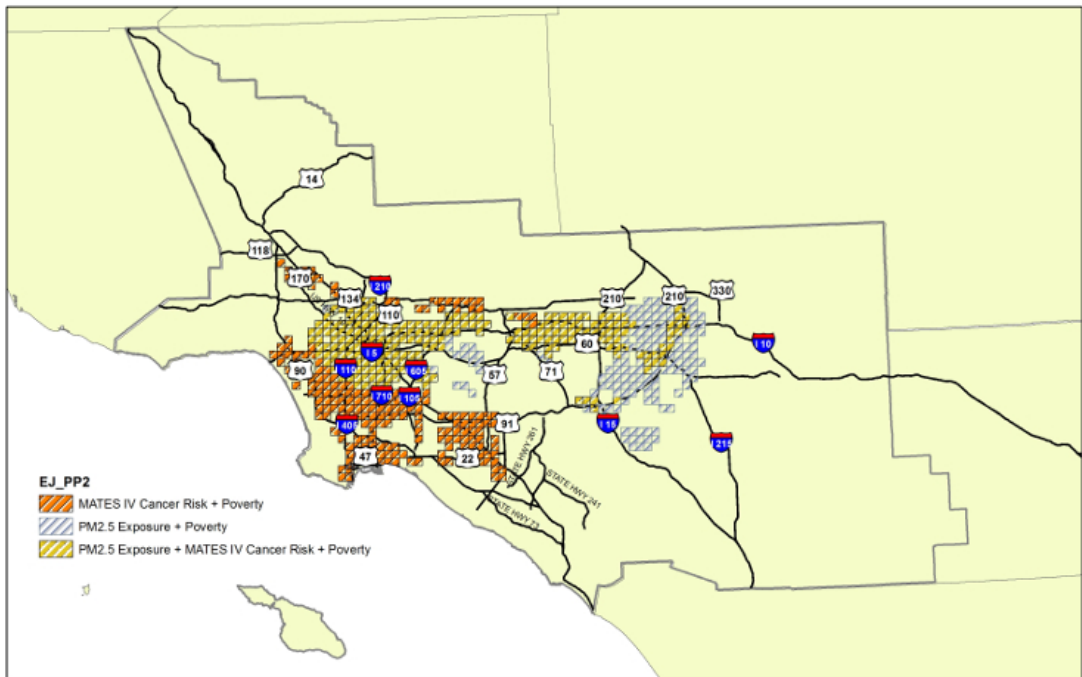
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Locomotive Engine Remanufacture Kit or Repower/Refurbishment Disproportionate Impact

At least 50 percent of the SCAQMD's CMP funds must be spent in areas that are most disproportionately impacted by air pollution. SCAQMD uses the following method to meet these requirements:

1. All projects must qualify for the Carl Moyer Program by meeting the cost-effectiveness limits established in the Program Announcement.
2. All projects will be evaluated according to the following criteria to qualify for funding as a disproportionately impacted area:
 - a. Poverty Level: Detailed socioeconomic information is not included in the 2010 Census. Such data is collected yearly from a small percentage of the population on a rotating basis by the American Community Survey (ACS). All projects in areas where at least 10 percent of the population falls below the Federal poverty level based on the 2008-2012 ACS data are eligible to be included in this category, and
 - b. PM2.5 Exposure: All projects in areas with the highest 15 percent of PM2.5 concentration measured within a 2 km grid will be eligible to be ranked in this category. The highest 15 percent of PM2.5 concentration is 11.10 micrograms per cubic meter and above, on an annual average, or
 - c. Air Toxics Exposure: All projects in areas with a cancer risk of 865 in a million and above (based on MATES III estimates) will be eligible to be ranked in this category.

The maximum score is comprised of 40 percent for poverty level and 30 percent each for PM and toxic exposures. Special circumstances exist in some areas, such as the Ports of Long Beach and Los Angeles. Since there are no residents within the ports, poverty ranking could not be established. In this case, the poverty ranking from the adjacent on-shore areas was extended to the port since these populated areas are directly impacted by port activities.





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Locomotive Engine Remanufacture Kit or Repower/Refurbishment Engine Information

If you have more than one engine for your project, please make copies of this form and use one form for each engine.

Existing/Baseline Engine Information

Engine Fuel Type	<input type="text"/>		
Engine Make	<input type="text"/>	Engine Model	<input type="text"/>
Engine Model Year	<input type="text"/>	Engine Serial Number	<input type="text"/>
Engine Type	<input type="radio"/> Main <input type="radio"/> Auxiliary	Engine Horsepower	<input type="text"/>
Existing Engine (Baseline) Emissions Tier	<input type="text"/>		
Baseline Engine Family	<input type="text"/>	US EPA Certificate of Conformity No	<input type="text"/>
CARB Executive Order No	<input type="text"/>		

US EPA Certificate of Conformity MUST BE ATTACHED – SEE ATTACHMENTS SECTION

CARB Executive Order MUST BE ATTACHED – SEE ATTACHMENTS SECTION

Remanufacture Kit

Engine Fuel Type	<input type="text"/>		
Engine Make	<input type="text"/>	Engine Model	<input type="text"/>
Engine Model Year	<input type="text"/>		
Engine Serial Number	<input type="text"/>	Engine Horsepower	<input type="text"/>
EPA Engine Family Name	<input type="text"/>	U.S. EPA Certified Locomotive Emission Level	<input type="text"/>
Engine Cost	<input type="text"/>	Installation Cost	<input type="text"/>

All cost estimates must be based on quotes that have been obtained within 90 days prior to the closing date of the Program Announcement. Attach all quotes to the application.

Idle Limiting Device (ILD) Details

Will a new eligible ILD be installed as part of this project? ☐ Yes ☐ No

ILD Type (AESS, FOH, APU, etc.)	<input type="text"/>		
Make	<input type="text"/>	Model	<input type="text"/>
Model Year	<input type="text"/>	ID Number	<input type="text"/>
Capital Cost	<input type="text"/>	Installation Cost	<input type="text"/>

All cost estimates must be based on quotes that have been obtained within 90 days prior to the closing date of the Program Announcement. Attach all quotes to the application.

Electronic Monitoring Unit (EMU) Details

Will a new eligible EMU be installed as part of this project? ☐ Yes ☐ No

EMU Make	<input type="text"/>	EMU Model	<input type="text"/>
EMU Model Year	<input type="text"/>	EMU ID Number	<input type="text"/>
EMU Cost	<input type="text"/>		



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Locomotive Engine Remanufacture Kit or Repower/Refurbishment Engine Activity Information

If you have more than one engine for your project, please make copies of this form and use one form for each engine.

Project application must include documentation of existing equipment usage for the previous 24 months prior to the application date

Please attach documentation to support the reported gallons per year

Annual Fuel Usage

	2017	2016	2015	Estimated Annual Future Usage
Fuel Use (gallons/year)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



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Locomotive Engine Remanufacture Kit or Repower/Refurbishment
Attachments

The following attachments may be submitted for this proposal:

- Insurance Documentation
- Emissions certification documentation
- Quotes
- Equipment Usage Documentation (for past 24 – months)
- Other misc. attachments
- Engine Executive Order(s) and Retrofit Device Executive Order(s)
- Fuel Documentation
- Business Information Request Form
- Campaign Contribution Disclosure
- W-9 Form
- Business Status Cert
- Direct Deposit Form