

**CALIFORNIA AIR POLLUTION CONTROL OFFICERS ASSOCIATION
RURAL ASSISTANCE PROGRAM**

CARL MOYER MEMORIAL AIR QUALITY STANDARDS

ATTAINMENT PROGRAM

STATIONARY AGRICULTURAL ENGINE PROJECT APPLICATION



STATIONARY AGRICULTURAL ENGINE APPLICATION Please print clearly or type all information on this application and on all attachments. Fill out one application for each engine or piece of equipment. All information necessary for completing this application is available in 2011 Carl Moyer Program Guidelines. This document can be viewed at:

<http://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>

Please note that additional information may be requested from the applicant in order to process this application.

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2011 Carl Moyer Program Guidelines and all current Carl Moyer Program Advisories. These criteria include but are not limited to the following:

Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.

Projects must meet a cost-effectiveness of \$17,080 per weighed ton of NOx, Reactive Organic Gases (ROG), and Particulate Matter (PM10) reduced calculated in accordance with the cost-effectiveness methodology in Appendix C of the 2011 Guidelines. All state funds plus any other funds under a district's budget authority or fiduciary control contributed toward a project must be included in the cost-effectiveness calculation.

Projects must have a minimum project life of three years, except for engines subject to the Stationary Diesel In-Use Agricultural Engine Airborne Toxic Control Measure (ATCM), which must have a minimum project life of one year.

The maximum project life for agricultural use engine projects is as follows:

Diesel engines	7 years
Spark-ignited engines	7 years
Electric motors	10 years

No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.

No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.

Funded projects must have at least 75 percent of their total activity for the project life in California. (Requirement does not apply to marine projects).

Emission reduction technologies must be certified/verified by the Air

Resources Board (ARB) and must comply with durability and warranty requirements. For the purposes of the Carl Moyer Program, a technology granted a conditional certification/verification by ARB is considered certified/verified. If the emission reduction technology is not certified or verified, it may be approved by the ARB on a case-by-case basis.

ARB has adopted an ATCM for stationary diesel in-use agricultural engines. There are limited funding opportunities for engines subject to this rule. The first step in evaluating Moyer eligibility is determining whether an engine or project type is subject to a rule:

Summary of Agricultural Sources Funding Opportunities

Engine or project type	Subject to ARB Rule?	Moyer Funding Opportunities*
Stationary diesel agricultural engine repower projects	Stationary Diesel In-Use Agricultural Engines ATCM	Tier 3 repowers eligible through 12/31/09 or 12/31/10 (depending on horsepower); Tier 4 repowers eligible through 12/31/13, 12/31/14 or 12/31/15 (depending on horsepower); Engines exempt from ATCM remain eligible for Tier 3 and Tier 4 repowers.
Stationary spark-ignited agricultural engine repower projects	No	May be limited by local district rules. Diesel engine (subject to ATCM) to spark-ignited engine repower projects eligible through ATCM compliance dates.
Electric motors new purchase and repower projects	No	Diesel engine (subject to ATCM) to electric motor repower projects eligible through ATCM compliance dates. Diesel engine (exempt from ATCM) to electric motor projects, Spark-ignited engine to electric motor projects, and electric motor new purchase projects remain eligible for funding.
Non-engine agricultural use projects	No	May be limited by local district rules

**Limited funding opportunities means that an applicant's funding opportunities may be impacted by the compliance dates of the ATCM. Contact district Moyer Program staff or consult fleet rule Moyer implementation charts at <http://www.arb.ca.gov/msprog/moyer/guidelines/supplemental-docs.htm> in addition to these guidelines.*

Additional criteria may be found in the 2011 Carl Moyer Program Guidelines, Chapter 2 and Chapter 10, Section IV.

A. APPLICANT INFORMATION (Please Print Legibly)

1. Company name/ Organization name/ Individual name:	
2. Business type:	
3. Contact name and title:	
4. Business mailing address and contact information:	
a. Street:	b. City/State/Zip:
c. Phone: () Ext:	d. Fax: ()
e. E-mail:	
5. Person with contract signing authority (if different from above):	
6. How many vehicles/engines/retrofits are being applied for?	
7. Total funding amount requested in this application:	

B. FUNDING DISCLOSURE

1. Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding or other grants? <input type="checkbox"/> Yes <input type="checkbox"/> No
2. If "yes", complete the following for each engine or vehicle:
a. Agency applied to:
b. Date/Number of Agency Solicitations:
c. Funding Amount Requested:
d. Baseline Engine Serial Number:
e. Status of Application:

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:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

Printed Name of Third Party:	Title:
Signature of Third Party:	Date:
Amount Being Paid for Application Completion in Whole or Part:	Source of funding to 3 rd party:

For each engine or vehicle, please complete sections C, D, E, F, G, and H (as appropriate). Please include project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application. Your application will not be considered without vendor quotes.

C. PROJECT ACTIVITY INFORMATION

1. Project name:									
2. Project address (If different than business address)									
a. Street:	b. City/State/Zip:								
3. Annual Hours of Operation _____ <p style="text-align: center;">OR</p> Annual Gallons of Fuel Consumption _____									
4. Percent Operation in California:									
5. Project Life: Maximum _____ Other: _____ years	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">Maximum Project Life</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Diesel engines</td> <td style="text-align: right; padding: 2px;">7 years</td> </tr> <tr> <td style="padding: 2px;">Spark-ignited engines</td> <td style="text-align: right; padding: 2px;">7 years</td> </tr> <tr> <td style="padding: 2px;">Electric motors</td> <td style="text-align: right; padding: 2px;">10 years</td> </tr> </tbody> </table>	Maximum Project Life		Diesel engines	7 years	Spark-ignited engines	7 years	Electric motors	10 years
Maximum Project Life									
Diesel engines	7 years								
Spark-ignited engines	7 years								
Electric motors	10 years								
6. Will the new engine have a functioning hour meter for the life of the project? <input type="checkbox"/> Yes <input type="checkbox"/> No									

D. EXISTING ENGINE INFORMATION – REPOWER + RETOFIT PROJECTS ONLY

1. Engine Function:
2. Engine type (stationary, other):
3. Engine Year, Make, and Model:
4. Engine Serial Number (if available):
5. Engine Fuel Type:
6. Engine Horsepower:
7. Engine Tier:
8. Engine Family:

E. REPOWER (ENGINE REPLACEMENT) PROJECTS

1. New Engine/Motor Make:
2. New Engine/Motor Model:
3. New Engine/Motor Model Year:
4. New Engine/Motor Serial Number (if available):
5. New Engine/Motor Fuel Type (specify):
6. New Engine/Motor Horsepower:
7. New Engine/Motor Tier:
8. New Engine/Motor Family:
10. New Engine/Motor Cost:
11. New Engine and Motor Installation Cost:

F. NEW PURCHASE PROJECTS (ELECTRIC MOTORS ONLY)

1. New electric motor make:
2. New electric motor model:
3. New electric motor serial number:
4. New electric motor family:
5. New electric motor model year:
6. New electric motor cost:
7. New electric motor installation cost:
8. New electric motor vendor (optional):
9. New electric horsepower (converted from kilowatts):

G. ADDITIONAL INFORMATION – RETROFIT PROJECTS ONLY

1. ARB-verified retrofit device:			
2. Retrofit device serial number:			
3. Existing engine model year:			
4. ARB-verified NOx reduction (%):			
5. ARB-verified PM reduction (%):			
6. ARB-verified ROG reduction (%):			
7. Retrofit device executive order:			
8. Verification level (check one):	Level 1	Level 2	Level 3
9. Retrofit device cost:			
10. Cost of retrofit installation:			
11. Cost of retrofit maintenance over life of project:			

H. FUNDING AMOUNT REQUEST

1. Total Amount Requested for this Piece of Equipment (not to exceed \$100,000):

Submit your application and vendor quotes by mailing to:

CAPCOA Rural Assistance Grant Program
1107 Ninth Street, Suite 210
Sacramento, CA 95814