

# Placer County APCD Off-Road Equipment Replacement Application

## INSTRUCTIONS AND ELIGIBILITY CRITERIA

Please print clearly or type all information on the application (pages 3-8) and submit to:

***Placer County Air Pollution Control District  
110 Maple St.  
Auburn, CA 95603***

Fill out one (1) application for each engine or piece of equipment. The 2017 Carl Moyer Program (CMP) Guidelines are available on the District's website at [www.placerair.org](http://www.placerair.org) or at California Air Resources Board (ARB)'s website 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.

### **General Eligibility Criteria:**

To be eligible for funding, projects must meet the criteria described in the 2017 CMP Guidelines and all current CMP Advisories. These criteria include, but are not limited to, the following:

- Emission reductions obtained through CMP 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 established by the District and calculated in accordance with the cost-effectiveness methodology in the 2017 CMP 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.
- No emission reductions generated by the CMP 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 CMP shall be used for credit under any federal or State emission averaging banking and trading program.
- Projects must operate at least 75% of their total activity in Placer County.
- Emission reduction technologies must be certified/verified by ARB and must comply with durability and warranty requirements. For the purposes of the CMP, a technology granted conditional certification/verification by ARB is considered certified/verified.
- Equipment replaced by a grant from this program must be destroyed.

### **Off-Road Equipment Eligibility Criteria:**

- Existing engines must be diesel and greater than 25 horsepower (hp) (19 kilowatts). If actual engine hp cannot be determined, hp can be estimated by the following:
  - $\text{Engine hp} = \text{Power Take-Off} \times 120\%$
- New engines must be within 125% of the hp of the existing engine.
- The owner must be in compliance with federal, State, and local regulations. Use the table below to determine if the existing engine is eligible for funding.
- For fleets subject to the Off-Road Regulation, applicants must submit the Diesel Off-Road Online Reporting System (DOORS) Identification Number (ID), and Engine Identification Number (EIN). See 2017 CMP Guidelines Chapter 5(E) for more information.

**For a complete list of eligibility requirements, refer to Chapter 5 of the 2017 Carl Moyer Guidelines**

## Summary of Off-Road Compression Ignition (CI) Equipment Replacement Funding Opportunities

Engine Type	Subject to ARB Fleet Rule?	CMP Funding Opportunities
Mobile agricultural equipment	No	Not limited by regulation.
Cargo handling equipment at ports/intermodal rail yards	Cargo Handling Equipment Regulation <sup>2</sup>	Limited opportunities. <sup>1</sup>
All other equipment (e.g. construction, mining, rental, airport ground support and other industries)	Off-Road Regulation <sup>3</sup>	Small fleets: Opportunities exist through 12/31/2025, after which the fleet must show 100% compliance with the regulation. Medium fleets: Opportunities exist through 12/31/2019, after which the fleet must show 100% compliance with the regulation. Large fleets: Are eligible for funding once after 1/1/17, after which only zero-emission projects are eligible.

1. Limited opportunities means a fleet's compliance status with the ARB regulation must be determined.
2. Regulation for Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards: <http://www.arb.ca.gov/ports/cargo/cargo.htm>
3. Regulation for In-Use Off-Road Diesel Vehicles: <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>

## Summary of Off-Road Large Spark Ignition (LSI) Equipment Funding Opportunities

Equipment Type	Subject to ARB Fleet Rule?	CMP Funding Opportunities
Forklifts, sweeper/ scrubbers, industrial tow tractors, airport Ground Support Equipment (GSE)	LSI Fleet Rule <sup>2</sup>	Small fleets: Not limited by regulation.  Large/Medium fleets: Funding opportunities are limited. <sup>1</sup>
Agricultural crop preparation services (forklifts only)	LSI Fleet Rule	<ul style="list-style-type: none"> <li>• Pre-1990 Model Year forklifts: Not limited by regulation.</li> <li>• 1990 and later Model Year forklifts: Funding opportunities are limited.<sup>1</sup></li> </ul>
All other equipment (e.g. aerial lifts, construction, mining, other industrial)	No	Not limited by regulation.

1. Limited opportunities means a fleet's compliance status with the ARB regulation must be determined. Contact air district CMP staff or consult fleet rule CMP Implementation Charts at: <http://www.arb.ca.gov/msprog/moyer/guidelines/supplemental-docs.htm> in addition to the Guidelines.
2. Regulation for Off-Road LSI Engines <http://www.arb.ca.gov/regact/2010/offroadlsi10/offroadlsi10.htm>

**Additional criteria may be found in the 2017 CMP Guidelines, Chapter 5: Off-Road Equipment Replacement.**

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**OFF-ROAD EQUIPMENT REPLACEMENT APPLICATION**  
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This application is to be used for incentive funds for off-road equipment replacement. Additional information may be requested during the review process if needed. The applicant acknowledges that award of cash incentive is conditional upon approval by the District, must meet the minimum eligibility criteria, and is not guaranteed.

**REQUIRED ATTACHMENTS TO APPLICATION**  
**Check each applicable box below to indicate inclusion.**

- Completed application
- Proof of equipment ownership (Select one: bill of sale, tax logs, equipment insurance records, bank appraisal of equipment, maintenance/service records tied to equipment, general ledgers)
- 24 months of complete historical usage (hour meter readings, employee logs, fuel logs)
- Co-funding information (if applicable)
- Itemized quote for new equipment
- Executive order for new engine
- IRS Form W-9 (for the entity that will sign the grant contract and receive funds, if awarded)
- Other \_\_\_\_\_

Applicant (Organization/Company/Individual Name): \_\_\_\_\_

\_\_\_\_\_

Business Type: \_\_\_\_\_

Mailing Address/Street: \_\_\_\_\_

City/State/Zip Code: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Person with contract signing authority (if different than above): \_\_\_\_\_

\_\_\_\_\_

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## Funding Disclosure

Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding, or any other incentive funding?

- Yes
- No

If "Yes," complete the following for each engine or vehicle:

Agency applied to: \_\_\_\_\_

Date and number of Agency Solicitation: \_\_\_\_\_

Funding Amount Requested or Awarded: \_\_\_\_\_

Equipment Identification: \_\_\_\_\_

Old Engine Serial Number: \_\_\_\_\_

Status of Funding: \_\_\_\_\_

Please list any other financial incentive, including tax credits or deductions, grants, or other public financial assistance for the vehicle/engine:

\_\_\_\_\_

## Third Party Certification

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

Print Name of Third Party: \_\_\_\_\_ Title: \_\_\_\_\_

Signature of Third Party: \_\_\_\_\_ Date: \_\_\_\_\_

Amount Paid to Third Party: \_\_\_\_\_

Source of Funding to Third Party: \_\_\_\_\_

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**REGULATORY COMPLIANCE STATEMENT**

## Compliance Disclosure Statement

As an applicant/participant of the Carl Moyer Program, I declare that \_\_\_\_\_  
(Company Name)

1. Is in compliance with, and
2. Will remain in compliance with, and
3. Does not have any outstanding/unresolved/unpaid Notices of Noncompliance (NON) or citations for violations of

Any federal, State and local air quality regulations including, but not limited to, the following:

Cargo Handling Equipment Regulation	Public Agency and Utility Rule
Commercial Harbor Craft Regulation	Sleeper Berth Truck Idling Regulation
Drayage Truck Regulation (including dray-off trucks)	Solid Waste Collection Vehicle Regulation
In-Use Off-Road Diesel Vehicle Regulation	Stationary Engine Airborne Toxic Control Measures
Marine Shore Power Regulation	Statewide Truck and Bus Regulation
Portable Diesel Airborne Toxic Control Measure	Transit Fleet Rule

**By signing below and submitting this application, I understand and acknowledge grant requirements and I hereby certify under penalty of perjury that the information in the application and attachments is accurate and true.**

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Authorized Representative's Name (Print): \_\_\_\_\_

Authorized Representative's Title: \_\_\_\_\_

Legal Owner's Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Physical Address of Equipment (if different than mailing address): \_\_\_\_\_

Phone: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Fact sheets and additional information on the Regulations are available at <https://www.arb.ca.gov/permits/permits.htm> or by calling ARB's diesel hotline at 866-6DIESEL (866-634-3735). To obtain these documents in an alternative format or language, please call (866) 634-3735.

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## Project Information

1. Project Name: \_\_\_\_\_
2. Funding Requested: \_\_\_\_\_
3. Total Project Cost: \_\_\_\_\_
4. Percent of operation in California: \_\_\_\_\_
5. Annual hours of operation outside of Placer County: \_\_\_\_\_
6. Annual hours of operation in Placer County: \_\_\_\_\_
7. Project Type (select one):
  - Replacement of one (1) existing piece of equipment for one (1) new equipment
  - Replacement of multiple existing pieces of equipment for one (1) new equipment
8. Method of equipment purchase (please note, the grant is designed as a reimbursement):
  - Purchase in full
  - Use of short-term financing (PO account, Net 30 terms, etc.)
  - Use of long-term financing (the grant amount must immediately go towards principal)
9. DOORS ID\*: \_\_\_\_\_ DOORS EIN of the existing equipment\*: \_\_\_\_\_
10. Total hp of fleet as reported in DOORS\*: \_\_\_\_\_
11. Date fleet is compliant through (as identified in DOORS)\*: \_\_\_\_\_

\*Applicants are not required to submit DOORS and compliance information on exempt equipment or fleets.

Check the following if they apply to your fleet or equipment:

- Fleet is exempt from the Off-road regulation
  - Existing equipment in this application is exempt from the Off-road regulation
12. If your off-road fleet is a large fleet, have you applied for and received Moyer Program funds for your fleet since January 1, 2017?  yes  no

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## Existing Equipment Information

1. Equipment Type/Function: \_\_\_\_\_
2. Equipment Make: \_\_\_\_\_ 3. Equipment Model: \_\_\_\_\_
4. Equipment Serial Number: \_\_\_\_\_ 5. Model Year: \_\_\_\_\_
6. Number of Engines on Equipment (for diesel engines only): \_\_\_\_\_
7. Equipment Location: \_\_\_\_\_
8. Engine Family (for controlled engines): \_\_\_\_\_
9. Engine Make: \_\_\_\_\_ 10. Engine Model: \_\_\_\_\_
11. Engine Serial #: \_\_\_\_\_ 12. Engine Model Year: \_\_\_\_\_
13. Manufacturer's Maximum Rated Brake Hp Rating: \_\_\_\_\_
14. Fuel Type: \_\_\_\_\_ 15. Hours of Operation (Hrs/Year): \_\_\_\_\_
16. Rent/Lease to others? (if applicable, for LSI only): \_\_\_\_\_
17. Forklift Class (if applicable, for LSI only): \_\_\_\_\_
18. Method of destruction:
  - Existing equipment will be delivered to an approved Salvage Yard within thirty (30) days of receipt of new equipment.
  - Existing equipment will be destroyed at a site other than an approved Salvage Yard.
    - Applicant must destroy by knocking a 3-inch hole in the engine block and transmission housing on equipment chassis.
    - Applicant must contact the District within thirty (30) days of receipt of new equipment to schedule a salvage inspection.

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## Replacement Equipment Information

1. Projected Date of Purchase & Delivery of New Equipment: \_\_\_\_\_
2. Equipment Make: \_\_\_\_\_
3. Equipment Model/Model Year: \_\_\_\_\_
4. Equipment Serial Number (if available): \_\_\_\_\_
5. Number of Main Engines on New Equipment: \_\_\_\_\_
6. Engine Family: \_\_\_\_\_
7. Engine Make/Model: \_\_\_\_\_
8. Engine Model Year: \_\_\_\_\_
9. Engine hp: \_\_\_\_\_
10. Engine Serial Number (if available): \_\_\_\_\_
11. Engine Tier: \_\_\_\_\_

## Retrofit Information (if applicable)

### Engine Aftermarket (non-OEM) Retrofit Information (if applying for a retrofit)

1. ARB-verified Retrofit Device Manufacturer: \_\_\_\_\_
2. Retrofit Device Make/Model: \_\_\_\_\_
3. Retrofit Device ARB Executive Order Number: \_\_\_\_\_
4. Retrofit Device Serial # (if available): \_\_\_\_\_
5. Cost of Retrofit: \_\_\_\_\_ 6. Cost of Installation (optional): \_\_\_\_\_
6. Cost of Retrofit Maintenance for Project Life (optional): \_\_\_\_\_



## Additional Information for Reference

Maximum Project Life*			
Type			Project Life
Repower only (no retrofit)			7 years
Farm Equipment (all projects)			10 years
Replacement and repower to zero-emission			10 years
Retrofit only			5 years
Replacement	Excavators Skid steer loaders Rough terrain forklifts	3 years	
	All other non-farm (existing diesel only)	5 years	
	All other non-farm (existing LSI only)	3 years	

\* These terms are a maximum and are equal to the operational term under the grant contract and may be shortened due to reasons such as regulatory compliance requirements.

Maximum Eligible Funding Amounts**	
Project	Maximum Percentage Eligible
Diesel Repower	85%
LSI Repower	85%
Repower to zero-emission	85%
Mobile Equipment Replacement	80%
Portable Equipment Replacement (excludes stationary)	80%
Retrofit	100%

\*\* Funding amounts are based on a project's cost effectiveness or percent of maximum funding, whichever is less.