



YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT CARL MOYER PROGRAM OFF-ROAD REPLACEMENT PROGRAM ELIGIBILITY

Yolo-Solano Air Quality Management District is providing Carl Moyer Program grant funds to benefit public health by cost effectively replacing old, high polluting equipment with newer, cleaner equipment earlier than required by regulation or through normal attrition.

This program follows the California Air Resources Board (CARB's) Carl Moyer Program guidelines. The 2017 Carl Moyer Program (CMP) Guidelines are available on the District's website at <https://www.ysaqmd.org/incentives/moyer> or at California Air Resources Board (ARB) website at <http://ww2.arb.ca.gov.guidelines-carl-moyer>.

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 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 cost-effectiveness established by the District and calculated in accordance with 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 marketing 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 Yolo or Solano Counties.
- Emission reduction technologies must be certified/verified by ARB and must comply with durability and warranty requirements. For the purpose of the CMP, a technology granted conditional certification/verification by ARB is considered certified/verified.

Off-Road Equipment Eligibility Criteria

- Existing engines must be greater than 25 horsepower (hp) (19 kilowatts). If actual engine hp cannot be determined, hp can be estimated by the following:
 - Engine hp = Power Take-Off x 120%
- Grant amount must be based off equipment with new engine within 125% of the hp of the existing engine.
- The owner must be in compliance with federal, State and local regulations. (See table below to determine if 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), Engine Identification Number (EIN), and results of the fleet calculator. See 2017 CMP Guidelines 5(E).

Grant Funds Available

- Projects are eligible to receive up to 80% of project cost with a maximum incentive amount of \$150,000 for mobile agricultural equipment. All final funding approvals will be determined at the time of contract signing.
- All eligible applications will be entered into a random number generator and grant funds awarded by random selection of projects until funding targets are met.
- Grant funds are issued as a reimbursement after the equipment purchase is completed in full and documentation received and approved by District.

Project Life Maximums

- Replacement and repower to zero-emission – 10 years
- Farm Equipment (all projects) – 10 years
- Replacement Skid Steer Loaders or Rough Terrain Forklifts– 3 years
- All Other Non-Farm (existing diesel) – 5 years
- All Other Non-Farm (existing LSI) – 3 years

Summary of Off-Road Compression Ignition Equipment Replacement Funding Opportunities

Engine Type	Subject to CARB 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 ¹	Limited opportunities. ²
Portable equipment (e.g. compressors, generators, chippers, etc.)	Portable Engine Airborne Toxic Control Measure ³	No opportunities for Tier 0 portable equipment. Limited opportunities exist for Tier 1, Tier 2 and Tier 3 portable equipment. ²
All other equipment (e.g. construction, mining, rental, airport ground support and other industries)	Off-Road Regulation ⁴	Small fleets: Opportunities exist through 12/31/2025, after which the fleet must show 100% compliance with the regulation. Medium fleets: Fleet must show 100% compliance with the regulation. Large fleets: Fleet must show 100% compliance with the regulation.

Summary of Off-Road Large Spark Ignition Equipment Funding Opportunities

Equipment Type	Subject to CARB Fleet Rule?	CMP Funding Opportunities
Forklifts, sweeper/scrubbers, industrial tow tractors, airport ground support equipment	LSI Fleet Rule ⁵	Small fleets: Not limited by regulation. Medium/Large Fleets: Funding opportunities are limited. ²
Agricultural crop preparation services (forklifts only)	LSI Fleet Rule ⁵	Pre-1990 Model Year forklifts: Not limited by regulation. 1990 and later Model Year forklifts: Funding opportunities are limited. ²
All other equipment (e.g. aerial lifts, construction, mining, other industrial)	No	Not limited by regulation. ²

Additional criteria and requirements may be found in the 2017 Carl Moyer Program Guidelines, Chapter 5: Off-Road Equipment.

¹ Regulation for Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards:

<http://www.arb.ca.gov/msprog/moyer/guidelines/supplemental-docs.htm>

² Limited opportunities means a fleet's compliance status with the CARB regulation must be determined. Contact air district Moyer staff or consult the Regulation for Off-Road LSI Engines at <http://www.arb.ca.gov/regact/2010/offroadlsi10/offroadlsi10.htm>

³ Regulation for Portable Airborne Toxic Control Measure: <http://www.arb.ca.gov/diesel/peatcm/peatm.htm>

⁴ Regulation for In-Use Off-Road Diesel-Fueled Fleets: <http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm>

⁵ Regulation for Off-Road LSI Engines: <http://www.arb.ca.gov/regact/2010/offroadlsi10/offroadlsi10.htm>