

**SAN JOAQUIN VALLEY
AIR POLLUTION CONTROL DISTRICT**

**HEAVY-DUTY
ENGINE PROGRAM**

AGRICULTURAL PUMP ENGINE COMPONENT

ELECTRIC MOTOR NEW PURCHASE OPTION

ELIGIBILITY CRITERIA AND APPLICATION GUIDELINES

The San Joaquin Valley Air Pollution Control District (SJVAPCD) is currently accepting applications requesting monetary incentives to purchase a new agricultural irrigation pump electric motor for a new well site, according to the terms and conditions described in these guidelines. For additional information, assistance, or to receive application materials, please contact:

**San Joaquin Valley Air Pollution Control District
Emission Reduction Incentive Program
1990 East Gettysburg Avenue
Fresno, CA 93726-0244**

You may also contact us by phone, email, or visit our website:

(559) 230-5800
weberip@valleyair.org
www.valleyair.org

ELIGIBILITY CRITERIA

Purchase of a new electric motor for a new well site.

- ❖ The **new** electric motor must:
 - Be rated at greater than twenty-five (25) horsepower, which is equivalent to greater than nineteen (19) kilowatts.
 - Be installed on a **new** well site.
 - New well verification is determined through an inspection process conducted by SJVAPCD staff prior to agreement execution.
- ❖ The **participant** must:
 - Operate the new electric motor 75% of the time within SJVAPCD boundaries (see page 10). Operational time is determined by the electric motor's annual hours of operation.
 - Install and maintain a functioning hour meter to measure the hours of equipment operation through the full term of the agreement. If the equipment does not have a functioning hour meter at the time of the project, the meter must be installed, repaired, or replaced. If during the agreement term the hour meter fails for any reason, the hour meter must be repaired or replaced as soon as possible at the owner's cost.
 - The cost of an hour meter is eligible for incentive funding and should be included in the quoted price.
 - Keep the new electric motor at the specified well/pump site through the full term of the agreement.
 - If the new electric motor is moved from the specified well/pump site during the agreement term, the SJVAPCD must approve the location change before the motor is relocated.
 - Remain the owner of the new electric motor through the full term of the agreement. Agreement terms range from three (3) to ten (10) years.
 - If the new electric motor or the property where the motor is located is sold during the agreement term, then the new owner must assume the agreement obligations with the SJVAPCD and comply with the terms and conditions outlined in the original agreement. The SJVAPCD must approve the electric motor ownership change **prior** to its sale.
 - Maintain replacement value insurance for the new electric motor through the full term of the agreement.
 - Submit annual reports to the SJVAPCD through the full term of the agreement.
 - Submit documentation of payment to the local utility company for power installation when reimbursement request is made to the District.
 - **Not purchase or install the electric motor under funding consideration prior to agreement execution.**
- ❖ Control panels with reduced-voltage starting capabilities are eligible for funding under limited circumstances. Documentation may be requested to be submitted as proof of any requirements or justification for the equipment.

- Variable frequency devices are eligible for funding if the applicant provides justification for adjustable water needs.
 - Reduced voltage starting (“soft start”) technology is eligible for funding if required by the electric service provider.
- ❖ Equipment **ineligible** for funding:
- Infrastructure and installation costs associated with the electric motor invoiced by the electric service provider (e.g., line extension costs, etc.).

COMPLIANCE CRITERIA

Projects that may be eligible for funding provide emission reductions that are surplus to any regulatory requirements. However, due to varying compliance timelines, opportunities for funding may be limited.

❖ **SJVAPCD Rule 4702 (Internal Combustion Engines – Phase 2)**

The June 2005 amendments to Rule 4702 removed the exemption for engines used in agricultural operations. Based on rule requirements, engines greater than 50 horsepower may need to be replaced with certified engines or install pollution control equipment in order to meet outlined emission limits. The requirements of Rule 4702 impact the funding structure of the Emission Reduction Incentive Program, and could have an impact on your submitted project. To obtain a copy of the rule, visit the SJVAPCD website at www.valleyair.org or call (559) 230-5800.

❖ **ARB’s Stationary Diesel Engines Airborne Toxic Control Measure (ATCM)**

ARB has adopted an ATCM for stationary compression ignition (CI) engines greater than 50 horsepower. This control measure requires new CI engines for agricultural operations, including those used to repower agricultural equipment, to meet ARB and federal new off-road engine PM certification standards. Visit ARB’s website at www.arb.ca.gov to obtain a copy of the Stationary Diesel Engines ATCM.

❖ **ARB’s Portable Diesel-Fueled Engines ATCM**

ARB has adopted an ATCM for portable diesel engines. This control measure requires all diesel-fueled portable engines 50 horsepower and greater to be certified to Tier 1, 2, or 3 federal and state off-road engine emission standards by 2010. The ATCM also requires fleets of portable engines 50 horsepower and greater to meet weighted particulate matter emission standards that become more stringent in 2013, 2017, and 2020. Visit ARB’s website at www.arb.ca.gov to obtain a copy of the Portable Diesel Engines ATCM.

APPLICANT RESOURCE WEB PAGE

To assist applicants participating in the SJVAPCD's Heavy-Duty Engine Emission Reduction Incentive Program, the SJVAPCD has developed an Applicant Resource Web Page. This page contains links to engine manufacturers, distributors, and local dealers familiar with the requirements of the program. The information and contacts within these links can assist you in obtaining all of the information necessary to fulfill the requirements of the program. Additionally, this page contains links to the California Air Resources Board website where you can obtain a list of eligible engines, vehicles, associated Executive Orders and other technical information.

When preparing an application, we ask that you utilize the information presented within the links on this page. By submitting complete application packets with accurate information, we can reduce the amount of time and resources necessary to process your application.

Please note that the manufacturers, distributors, and dealers represented on this page have not been "approved" by the SJVAPCD nor do they represent an exhaustive list of available resources. If you are an engine manufacturer, distributor, or dealer and you wish to be included on the Applicant Resource Web Page, please contact the SJVAPCD's Emission Reduction Incentive Program.

The Applicant Resource Web Page can be found at www.valleyair.org under the "Grants and Incentives" tab.

APPLICATION GUIDELINES

- ❖ Fill out the application completely and as accurately as possible. Do not leave any required fields blank, as it lengthens the processing timeframe associated with the application and delays funding. All fields are required unless otherwise indicated.
- ❖ All required signatures must be in **blue ink**, as a way to identify them as original.
 - If a third party filled out any part of the application on your behalf, ensure that the Third Party Signature section is completely filled out and signed.
- ❖ A copy of the following items must be submitted in order for the application to be deemed **complete**:
 - Completed application.
 - State of California Well Completion Report.
 - Completed Certifications section.
 - IRS Form W-9.
 - Copy of the completed corresponding Electric Service Provider Application or Letter of Intent.
 - Dated and itemized dealer quote for the new electric motor and eligible equipment.
 - If applicable, completed Third Party Information section.
 - For applicants who are municipalities, a copy of the Board Resolution which approves participation in the program.

Located in the **Application** packet (page 5) is a comprehensive detailed checklist of the above mentioned items. For guidance purposes, please refer to the checklist in the Application packet when submitting all required documents.

STEP-BY-STEP APPLICATION GUIDANCE

This section outlines the information requirements for each field of the application. If you need additional assistance, please contact the Emission Reduction Incentive Program and a staff member will assist you.

SECTION 1 – APPLICANT INFORMATION

ORGANIZATION INFORMATION

1. Organization, Company, or Proprietor's Name

The legal name of the organization that will enter into agreement with the SJVAPCD. The information entered into Section 1 of the application must be **identical** to the information on Form W-9, as this information will be used to generate all binding documents and be used to report incentive funding to the IRS.

2. Business Type

The classification of the organization that appears in the "Organization, Company, or Proprietor's Name" field of the application. Check the appropriate box.

3. Tax ID

The Taxpayer Identification Number (TIN) or Social Security Number (SSN) entered in the Form W-9. **The organization's name and tax ID or SSN will be used to report incentive funding to the IRS.** The SJVAPCD cannot give tax advice, as such, please contact a tax professional or the IRS to determine the tax consequences associated with receiving incentive funding.

4. - 7. Address

The physical address where the organization is located, including: number and street name, city, state, and zip code.

8. - 11. Mailing Address

The mailing address used by the organization. If the physical and mailing addresses are the same, write "Same." All correspondence generated by the SJVAPCD, including the agreement, checks, and annual reports, will be sent to the mailing address.

12. Number of motors to be purchased

Provide the total number of electric motors to be purchased as part of this project.

13. Have you applied to any other grant programs for this project?

Check whether additional grant funding was applied for this project other than grant funding through this program. If yes, please contact ERIP Staff at (559) 230-5800 before completing this application.

PRIMARY CONTACT INFORMATION

14. First and Last Name

The first and last name of the person who will serve as the primary contact to the SJVAPCD through the full term of the agreement. All questions related to your project will go to this individual.

- 15. Title**
The job title of the primary contact.
- 16. Phone Number**
The main phone number, including area code, for the primary contact.
- 17. Fax Number**
The fax number, including area code, for the primary contact.
- 18. Alternate Contact Number**
The alternate phone number, including area code, where the primary contact can be reached.
- 19. Email**
The email address of the primary contact.

CONTRACT SIGNING AUTHORITY INFORMATION

- 20. First and Last Name**
The first and last name of the person, designated by the organization that will enter into binding agreement with the SJVAPCD, to sign on the organization's behalf. Please print.
- 21. Title**
The job title of the person designated to sign on the organization's behalf.

SECTION 2 – ACTIVITY INFORMATION

- 1. - 3. Motor Address**
The physical location (street address, city, and zip code, or major cross streets if an address does not exist) where the new electric motor will be installed.
- 4. Well Site/Pump #**
Identify the new electric motor by well site name or pump number if one has been assigned to it by your organization (i.e., Well #16, Southside Well, Pump #32N, etc.). If none has been assigned, write "N/A".
- 5. County of Operation**
Check which county or counties the new electric motor will operate in.
- 6. Primary Function of Motor**
Check the primary function intended for the motor. If the motor will not be used for crop irrigation, provide an explanation of its intended function.
- 7. Motor Type**
Check the motor type: stationary deep well irrigation pump, stationary booster irrigation pump.
- 8. Estimated Annual Operation**
Provide the estimated annual operation of the new electric motor in hours.

9. Percentage Use in SJVAPCD

Provide the percentage of total annual hours of operation that will occur within the SJVAPCD boundaries (see page 10).

10. Percentage Use in California

The percentage of total annual hours of operation that occur within California.

11. Utility Company

Check which utility company will be providing service to electrify the site of the new electric motor. If "Other" is checked, provide the name of the utility company.

12. When would this site be available for operational inspection?

Check the time(s) and day(s) the site would be available for inspection by SJVAPCD staff. This information may be used for scheduling purposes; however, it does not guarantee your inspection on a specific day or time. SJVAPCD staff will contact you to set up an inspection appointment.

SECTION 3 – EQUIPMENT INFORMATION

NEW ELECTRIC MOTOR**1. - 2. Electric Motor Manufacturer and Model**

Provide the make and model of the new electric motor. For example, US Motors (make) BF68 (model).

3. Model Year

The year the electric motor model was manufactured.

4. Horsepower Rating

The horsepower rating of the electric motor.

5. Motor Position

Check the position of the new electric motor, horizontal or vertical.

6. Motor Efficiency

Check the efficiency rating of the new electric motor; standard, premium, or other. If "other" is checked, please specify the efficiency rating.

7. Total Cost of New Electric Motor and Eligible Equipment

The total cost of the new electric motor and any additional eligible equipment. The total cost includes: new electric motor, additional eligible equipment (including service pole, pump panel, meter service, etc), installation labor, and sales tax. This cost should match the cost from the quote being provided with this application.

SECTION 4 – DEALER/INSTALLER INFORMATION

DEALER**1. Electric Motor Dealer Name**

The name of the business where you will be purchasing the new electric motor associated with this project.

2. - 5. Address

The physical address where the electric motor dealer is located, including: number and street name, city, state, and zip code.

6. Contact Name

The first and last name of the person the SJVAPCD can contact regarding the purchase of the new electric motor.

7. Phone Number

The phone number, including area code, of the contact person.

8. Fax Number

The fax number, including area code, of the contact person.

9. Email

The email address of the contact person.

INSTALLER (complete only if different from electric motor dealer)**10. Electric Motor Installer Name**

The name of the business that will be installing the new electric motor associated with this project, if different than the electric motor dealer information.

11. - 14. Address

The physical address where the electric motor installer is located, including: number and street name, city, state and zip code.

15. Contact Name

The first and last name of the person the SJVAPCD can contact regarding the installation of the new electric motor.

16. Phone Number

The phone number, including area code, of the contact person.

17. Fax Number

The fax number, including area code, of the contact person.

18. Email

The email address of the contact person.

MAP OF THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT BOUNDARIES

