

**Colusa County Air Pollution Control District**  
**Carl Moyer Program**  
**Stationary Agricultural Pump Engine Application**

This application is to request incentive funds for stationary agricultural engine repowers, engine replacements with electric motors, or engine retrofit projects. Please complete the application in full. Additional information may be requested during the review process if needed. Applicant acknowledges that award of cash incentive is conditional upon approval of the Colusa County Air Pollution Control District (CCAPCD). If you have any questions regarding the application process, please contact the CCAPCD office. Submit applications to the following location either by mail or hand delivery:

Carl Moyer Program  
Colusa County Air Pollution Control District  
100 Sunrise Boulevard, Suite F  
Colusa, CA 95932  
(530) 458-0590

**Applications are due by May 31, 2012.**

CHECK LIST FOR APPLICATION ITEMS

Be sure the following items are included with your application submittal. Check each applicable box below to indicate inclusion of material.

- Completed applicant information form
  - Detailed estimate from two engine dealers (specifically identify all costs including parts and labor)
  - Attach relevant US EPA/California Air Resources Board (ARB) certifications
  - Attach map to engine location
  - Completed W-9
- Resolutions: Public agencies applying for funding must include a resolution from their governing board providing authorization to submit the application and agreement with the CCAPCD's Policies and Procedures.

CHECK LIST UPON APPLICATION APPROVAL

- Proof of Insurance: Should your project be selected for funding, prior to completing the contracting phase, Applicant shall provide the CCAPCD with certificates of insurance that demonstrate that the CCAPCD is additionally insured with regard to this equipment purchased under your Moyer Contract. Below are the three categories of policies that must reflect this additionally insured requirement:
  - General Liability
  - Automobile
  - Workers compensation

When these policies are renewed or changed, updated certificates must be submitted to the CCAPCD until the 7 year agreement expires.

PLEASE INITIAL EACH ITEM

Existing Engine:

\_\_\_\_\_ The existing agricultural pump engine being replaced is twenty-five (25) horsepower or greater.

\_\_\_\_\_ The existing agricultural pump engine being replaced is operated on diesel fuel.

\_\_\_\_\_ The existing agricultural pump engine being replaced has not already been replaced by any other local, state or federal program.

\_\_\_\_\_ The existing agricultural pump engine being replaced has been owned by the applicant and operated within the boundaries of the CCAPCD for a period of at least twelve (12) months prior to the submission of this application.

\_\_\_\_\_ The existing agricultural pump engine being replaced is currently operational (able to pump water) and situated at the location of operation at the time of application submission.

\_\_\_\_\_ The existing agricultural pump engine has usage documentation (engine hours or fuel usage for the last year). The average annual hours can be estimated using data that represent a typical year of operation. If the equipment is new to the owner, a documented projection, using recent data and assumptions made, can be used to estimate future usage. Maintenance logs typically will include engine hours and dates of service, while fuel receipts will include fueling date and volume for a given piece of equipment. Copies of this information will be acceptable for this documentation. Defensible estimates of fuel usage ratios are necessary if multiple engines are fed by the same fuel tank.

New Engine:

IT IS THE APPLICANT'S RESPONSIBILITY TO ENSURE THAT NEW REPLACEMENT ENGINES CONFORM TO THE SPECIFIC CRITERIA OUTLINED IN THE ATTACHED DISTRICT'S CARL MOYER PROGRAM GUIDELINES, POLICIES, AND PROCEDURES DOCUMENT.

\_\_\_\_\_ The new replacement engine or retrofit technology is certified by the California Air Resources Board for sale in California.

\_\_\_\_\_ The new replacement engine is certified to the appropriate emission level, based on horsepower category.

\_\_\_\_\_ The new replacement engine is a new OEM, current model year engine certified to current model year standards.

\_\_\_\_\_ The new replacement engine or retrofit technology will show at least a 15% reduction of NOx emissions from the existing engine and no net increase in PM emissions.

\_\_\_\_\_ The purchase of the new replacement engine is not required by any local, state, or federal rule or regulation, used to comply with any such rule or regulation or will be used to generate, bank or trade Emission Reduction Credits (ERCs).

The purchase and/or emission reduction is not required by any local, state, or federal Memorandum of Understanding (MOU) or Memorandum of Agreement (MOA).

One hundred percent (100%) or more of the hours of operation of the new, replacement engine will be within the boundaries of the CCAPCD, for at least seven (7) years from the date the new engine is placed into service.

Applicants must obtain approval and have a signed, executed contract from the CCAPCD prior to purchase and installation of an engine. Any engine purchased and installed prior to contract execution is ineligible.

### **A. STATIONARY AGRICULTURAL PUMP ENGINE APPLICATION**

APPLICANT INFORMATION		
Organization/Company name:		
Contact name and title:		
Person with contract signing authority:		
Person who filled out application:		
Street/ mailing address:		
City:	State:	Zip Code:
Phone:	Fax:	
Cell phone:		
E-mail:		

I hereby certify that all information provided in this application and any attachments are true and correct to the best of my knowledge.

I certify to the best of my knowledge this application meets the minimum requirements.

I agree to accept the evaluation performed on my application as described in the CCAPCD's Carl Moyer Program - Policies and Procedures. I understand that there may be conditions placed upon receiving an incentive and agree to refund the incentive if it is found that at any time I/we do not meet those conditions and if directed by CCAPCD.

Applicant acknowledges that receipt of this incentive prohibits application for any form of emission reduction credits including: Emission Reduction Credit, Mobile Emission Reduction Credit and/or Certificate of Advanced Placement, for all time, from the CCAPCD or any other air quality management or air pollution control district.

I agree to destroy or show proof of destruction for the engine being replaced for all repower application projects. I have the legal authority to apply for incentive funding for the entity described in this application.

**Funding Disclosure**

Has the engine or vehicle in this application been awarded funding from another public agency or are any being considered for funding?

- Yes
- No

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

Agency applied to \_\_\_\_\_  
Date of application submittal \_\_\_\_\_  
Funding amount requested \_\_\_\_\_  
Baseline engine serial number \_\_\_\_\_  
Status of application \_\_\_\_\_

Printed Name of Contract Signing Authority:	Title:
Signature of Contract Signing Authority:	Date:

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

Print name of third party:	Title:
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Signature of third party:	Date:
Amount paid to third party:	Source of funding to third party:

**B. ENGINE REPOWER/RETROFIT APPLICATION**

Please check one:

- Repowering an existing agricultural pump engine with a new reduced-emission engine (replacement).
- Retrofitting an existing agricultural pump engine with new reduced-emission technology.

<b>CURRENT ENGINE</b>	
Engine type:	<input type="checkbox"/> Compression Ignition <input type="checkbox"/> Spark Ignition
Engine make:	<input type="checkbox"/> Portable <input type="checkbox"/> Stationary <input type="checkbox"/> Other
Engine model:	Engine model year:
Serial number of engine:	Tier:
Manufacturer's Intermittent (maximum) Brake Horsepower Rating (not continuous):	
Estimated engine life:	Baseline Equipment Fuel:
Estimated annual fuel usage for each engine:	Percent in CCAPCD:
Estimated total annual hours of operation:	Percent in CCAPCD:
Is there any seasonality to the use of the engine? If Yes, please explain.	
Typical rebuild/replacement schedule:	
Cost of rebuilding engine:	
Certified USEPA standardized engine family name:	

<b>NEW REDUCED-EMISSION ENGINE</b>	
Engine type:	<input type="checkbox"/> Compression Ignition Spark Ignition <input type="checkbox"/>
Engine make:	
Engine model:	Engine model year:
Serial number of engine:	Tier:
Manufacturer's Intermittent (maximum) Brake Horsepower Rating (not continuous):	
Estimated engine life:	Will the engine have a functioning hour meter? <input type="checkbox"/> Yes <input type="checkbox"/> No
Cost of engine:	
Certified USEPA standardized engine family name:	

1. Applicants may be required to provide verification of annual fuel usage. Types of verification that may be requested include: fuel logs, fueling receipts, etc.

Indicate method of record keeping that will be used:

- Annual fuel use records.
- Annual records of hours of operation as verified by non-resettable hour meter installed on the engine.

2. Applicants must submit along with the application an itemized written estimate from two engine dealers of their choice, clearly detailing all work to be performed and all parts to be installed. It is at the discretion of the CCAPCD to request additional estimates for any reason. Additionally, it is at the discretion of the CCAPCD of the CCAPCD to disallow certain costs (parts or labor) if it is determined that those costs are excessive upgrades and are not required to complete the repower.

### **C. ELECTRIC MOTOR APPLICATION SECTION**

Please check one:

- Repowering an existing stationary agricultural irrigation pump engine with a new electric motor (replacement).
- Purchase a new electric motor for placement on a new agricultural irrigation well.

<b>CURRENT ENGINE</b>	
Engine type:	<input checked="" type="checkbox"/> Compression Ignition Spark Ignition <input type="checkbox"/>
Engine make:	<input type="checkbox"/> Portable <input type="checkbox"/> Stationary <input type="checkbox"/> Other

Engine model:	Engine model year:
Serial number of engine:	
Manufacture's Intermittent (maximum) Brake Horsepower Rating (not continuous):	
Estimated engine life:	Baseline equipment fuel:
Estimated annual fuel usage for each engine:	Percent in CCAPCD:
Estimated total annual hours of operation:	Percent in CCAPCD:
Is there any seasonality to the use of the engine? If Yes, please explain.	
Typical rebuild/replacement schedule:	
Cost of rebuilding engine:	
Certified USEPA standardized engine family name:	

<b>NEW ELECTRIC MOTOR</b>	
Electric motor manufacturer:	
Electric motor model:	Electric motor family:
Electric motor serial number:	Electric motor year:
Estimated annual hours of operation:	Electric horsepower (converted from kilowatts):
Estimated annual energy usage (include units):	
Estimated motor life:	
Estimated rebuild/replacement schedule:	
Cost of rebuilding/replacing electric motor:	
Cost of new electric motor:	
Projected year of purchase:	
Will a new electronic monitoring unit (EMU) be installed? <input type="checkbox"/> Yes <input type="checkbox"/>	

EMU make:	EMU model:
EMU ID number:	EMU model year:

Indicate method of record keeping that will be used:

- Annual power consumption.
- Annual records of hours of operation as verified by non-resettable hour meter installed on the electric motor.

Is this project participating in the PG & E AG-ICE Incentive Programs?

- Yes

**D. GENERAL INFORMATION ABOUT THE INSTALLER**

Engine Dealer/Installer:		
Street address:		
City:	State:	Zip Code:
Phone:	Fax:	
Contact name:		

## **MAP**

Location of Existing Equipment / Engine / Motor

Contact: Casey Ryan

[cryan@countyofcolusa.org](mailto:cryan@countyofcolusa.org)

Colusa County Air Pollution Control District

100 Sunrise Blvd, Suite F

Colusa, Ca 95932

Phone: (530) 458-0583

Fax: (530) 458-3789