

# Ventura County Air Pollution Control District Carl Moyer Program Grant Application – Year 13 – 2011 Agricultural Assistance - Pump Electrification – Page 1

Company Name:	Federal Tax ID Number or Social Security Number:	
Contact Name:		
Mailing Address:		
Phone number:	Email:	Fax:
Person with contract-signing authority (if different from above):		

Type of business (equipment rental, row crops, orchard crops, other (specify):
Percent of total operation in Ventura County for this equipment: <span style="float: right;">%</span>
Percent of total operation in California for this equipment: <span style="float: right;">%</span>

<b>I certify that all information provided in the application and its attachments is true and correct.</b>
Print name and title:
Applicant sign and date here:

Note: All applications must include a signed "**Application Statement**" and "**Disclosure Statement.**"

<b>Third party Certification: I have completed the application in whole or part on behalf of the applicant.</b>	
Payment received for this service:\$	Source of payment:
Print Name, Title, and Company:	
Sign and date here:	

# Agricultural Pump Electrification Application - Page 2

## Old Engines to be Replaced <sup>(4)</sup>:

	Engine Year, Make, and Model	HP	EPA Cert <sup>(2)</sup> (Tier)	Engine Serial Number	Future Physical Location of Pump (Mailing address or coordinates)	Annual hours of operation or gallons of fuel consumed *
1						
2						
3						
4						
5						

\* Applicants having engines with functioning hour meters must submit two years of logs of hours of operation to substantiate the claims in the above table. If the engine does not have a functioning hour meter or no records were kept, attach a signed statement explaining that no records are kept and estimate the number of hours each pump operated during the past 2 years and is projected to operate in the future. Document how the estimate was made.

## New Replacement Electric Motors:

	Motor Year, Make, and Model	Horse Power	Hardware Costs (e.g.; motor, VFD, control panel, etc ) attach itemized estimates from vendors	Electrification labor costs attach itemized estimates from vendors	Plumbing labor Costs attach itemized estimates from vendors
1					
2					
3					
4					
5					

Attach itemized price quotes from vendors.

Total grant request:

Maximum Allowable <sup>(1)</sup> Check box <input type="checkbox"/>	Other(Specify Amount) \$
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## **Agricultural Pump Repower Application - Page 3**

ARB regulations require uncontrolled engines (Tier 0) rated at 100 HP or more to be replaced by 12/31/2010. Engines rated between 50 HP and 100 HP must be replaced by 12/31/2011. No funds may be awarded for Tier 0 engines installed after the above compliance dates.

Applications for agricultural pump repowers are accepted on a continuous basis and are funded on a first-come-first serve basis as long as funds are available.

- (1) Maximum funding for diesel repower is 85% of the cost of the necessary equipment and related parts. Installation costs are not funded.
- (2) Existing Tier 1 and Tier 2 engines must be repowered with electric motors or Tier 4 engines to be eligible for funding.
- (3) Maximum funding for electric motors is 85% of the cost of the equipment, related parts, and installation costs, including labor. Costs for necessary peripheral equipment associated with electric motor projects (e.g. control panel, motor leads, service pole with guy wire, and connecting electric line from the meter) may be included in the grant award amount.
  - (A) Variable frequency devices are eligible for funding if the applicant provides justification for adjustable water needs.
  - (B) Reduced voltage starting ("soft start") technology is eligible for funding if required by the electric service provider.
- (4) Diesel engines greater than 50 hp must be registered with the local air district to be eligible for repower projects.

No funding is available to replace spark ignited (SI) engines (natural gas or gasoline) with diesel engines.

Portable engines owned by rental companies are not eligible for Carl Moyer Program funding.

All engines replaced as part of a repower project must be destroyed and rendered useless.