



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

\$\$\$ FUNDING AVAILABLE FOR AGRICULTURAL PUMP ENGINES \$\$\$

Workshop Schedule:

♦ Monday Feb. 25th, 2013

10:30am - 12:00pm

San Joaquin Valley APCD

Central Office

1990 E Gettysburg Ave

Fresno, CA 93726

♦ Wed. Feb. 27th, 2013

10:30am - 12:00pm

San Joaquin Valley APCD

Northern Office

4800 Enterprise Way

Modesto, CA 95356

♦ Friday March 1st, 2013

10:30am - 12:00pm

San Joaquin Valley APCD

Southern Office

34946 Flyover Court

Bakersfield, CA 93308

For more information regarding the SJVAPCD's grant programs, please contact staff in the Incentive Program:

Phone: (559) 230-5800

Fax: (559) 230-6112

www.valleyair.org

E-mail:
weberip@valleyair.org

Workshops are being held to provide information regarding permitting requirements for agricultural irrigation pump engines, and to provide assistance in obtaining grant funding for upgrading. The SJVAPCD, National Resources Conservation Service (NRCS), and Public Utility Companies, in conjunction with the agricultural community, will be providing information on permits, electrification, and grant funding application assistance to farmers in the Valley on the following days. RSVP is not required.

Funding Opportunities

Rule 4702 compliance date of January 1, 2015 is fast approaching for Tier 1 and Tier 2 diesel engines. All Tier 1 & Tier 2 replacement projects must have fully executed contracts with the District by January 1, 2014 in order to receive grant funding. Natural gas, propane, and gasoline engines are not eligible for funding.

25 - 50 Horsepower Engines

- ♦ Uncontrolled (Tier 0) Diesel to Tier 4 Diesel or Electric
- ♦ Tier 1 or 2 Diesel to Tier 4 Diesel
- ♦ Tier 1, 2, or 3 Diesel to Electric

51 & Greater Horsepower Engines

- ♦ Tier 1 or 2 Diesel to Tier 4 Diesel
- ♦ Tier 1, 2, or 3 Diesel to Electric
- ♦ **Uncontrolled (Tier 0) Diesel NO funding available**

Funding Amounts

Funding amounts are based on a dollar per horsepower of the new engine, not to exceed 85% of the eligible costs.

Diesel to Diesel Ag Pumps	SJVAPCD Incentive
25-99	\$140/hp
100-125	\$120/hp
126-150	\$100/hp
151-749	\$90/hp
Diesel to Electric Ag Pumps	SJVAPCD Incentive
25-99	\$150/hp
100-199	\$130/hp
200-499	\$140/hp
500-600	\$150/hp

General Program

- ♦ Eligible projects will be funded on a first-come-first-serve basis.
- ♦ Eligible engines are those that are used for agricultural operations as defined by the California Air Resources Board (ARB).
- ♦ Existing engine must be diesel powered, greater than 25 horsepower and be registered with the District.
- ♦ Existing engine must be situated at its operating location and be in operating condition at time of inspection.
- ♦ Existing engine must have been located and operated within the District's boundaries for at least 12 months prior to application submission.
- ♦ **Applicant must NOT purchase, make payments toward, and/or take possession of new equipment prior to receiving a fully executed contract from SJVAPCD.**
- ♦ Please note that the above list of minimum requirements does not guarantee funding and additional information may be required.



Air District Permitting

The need for a permit is determined by the total emissions from each farm. The current threshold for permitting is **5 tons/year** of NOx or VOC emissions; farms with emissions below this threshold qualify for Permit-Exempt Equipment Registration (PEER).

- ◆ Both stationary **and** transportable engines, including spark-ignited engines, of sizes greater than 50 bhp (**not including tractors**) must be included in the farm's emissions total.
- ◆ Emissions from any type of animal feeding operation on the facility must also be included in the total.
- ◆ Farms subject to permits shall file an Authority to Construct (ATC) applications with the District to replace their engines.
- ◆ Farms exempt from permits shall file PEER applications with the District to replace their engines.
- ◆ Both ATC and PEER applications can be found at www.valleyair.org.

Title V Permitting (Federal Operating Permit)

Title V permitting is triggered if a farm's potential emissions are over the major source threshold of **10 tons/year** for NOx or VOC emissions (transportable engines are not included in this calculation).

- ◆ Requires additional monitoring, recordkeeping, and reporting to ensure compliance with rules and regulations.
- ◆ Issuing and renewing a Title V permit (required every 5 years), and certain modifications of the permit, are subject to additional review by USEPA and California Air Resources Board, and go through public noticing.
- ◆ Major sources of NOx or VOC emissions are also subject to District Rule 3170 - Federally Mandated Nonattainment Fee, and may have additional fees to pay based on the farm's emissions.

For help determining if your farm is subject to PEER, permits, or Title V, and how to proceed, **please attend one of the free agricultural irrigation pump workshops** listed on this flyer, or call one of the District's **Small Business Assistance (SBA)** hotlines at the numbers below:

Small Business Assistance Hotlines:

Southern Region

(Serving Tulare and Kern counties)

661-392-5665

Steve Roeder steve.roeder@valleyair.org

William Jones william.jones@valleyair.org

Central Region

(Serving Madera, Fresno, and Kings counties)

559-230-5888

Gurpreet Brar gurpreet.brar@valleyair.org

Robert Gilles robert.gilles@valleyair.org

Thom Maslowski thom.maslowski@valleyair.org

Northern Region

(Serving San Joaquin, Stanislaus, and Merced counties)

209-557-6446

Rick Dyer rick.dyer@valleyair.org

Fred Cruz fred.cruz@valleyair.org

