



ELECTRIC AIRPORT GROUND SUPPORT EQUIPMENT

What is the Program?

The San Joaquin Valley Air Pollution Control District (SJVAPCD) **will pay you** to reduce emissions from airport ground support equipment (GSE). Under this program, GSE is defined as all off-road equipment used on the aircraft side at an airport. This includes pushback tugs, baggage and cargo tractors, carts, lifts, forklifts, ground power units, air conditioning units, and belt loaders. The SJVAPCD is offering incentives for municipalities, government agencies, private firms, and individuals that want to replace their old propane, gasoline, or diesel GSE with new electric equipment.



Why is the SJVAPCD Offering These Incentives?

The purpose of the Heavy-Duty Engine Emission Reduction Incentive Program (Heavy-Duty Engine Program) is to assist the SJVAPCD in achieving air quality standards by the early introduction of reduced-emission technologies. The widespread use of lower and non-emitting heavy-duty vehicles can provide significant improvements to air quality in the San Joaquin Valley. When you replace your old internal combustion GSE with electric equipment, you will contribute to cleaner air for everyone in the Valley.

How Much Money Can I Get?

Since the funding is intended to decrease the expense associated with the purchase of cleaner technologies, the amount of money you can receive will depend on the price difference between the new electric equipment and internal combustion GSE meeting the current standards. The total incentive provided by the SJVAPCD will not exceed the value of \$6.50 per pound (\$13,000 per ton) of nitrogen oxide emissions reduced. Funds for installing charging stations are not available under this program.

How Do I Know If I Am Eligible For Funding?

Any public agency, company, or individual may apply to receive an incentive under this program. The criteria for eligible projects are as follows:

- ▲ Eligible equipment includes the following: belt loaders, baggage tractors, forklifts, lifts, cargo loaders, ground power units, and aircraft tugs. Other GSE will be evaluated on a case-by-case basis.
- ▲ Internal combustion equipment must be replaced with new electric equipment.
- ▲ The internal combustion equipment replaced must have an engine rated at 50 hp (37 kW) or greater.
- ▲ Equipment must be purchased for use at a commercial (passenger) airport in California.
- ▲ Equipment purchased for use at a military airport will be considered on a case-by-case basis. The equipment must not be covered by any existing regulations and the emissions must be surplus to any credit banking program.
- ▲ Equipment must be purchased by the business or organization that will be operating the equipment. This includes airports as well as passenger airline companies.
- ▲ Purchases by airline service companies or ground handlers are eligible if they provide documentation (such as written contracts or other binding agreements) specifying that they will operate the equipment at a passenger airport for a minimum 5-year period.



- ▲ The purchase or emission reduction are not required by or used to comply with any local, state, or federal rule or regulation, Memorandum of Understanding (MOU), or Memorandum of Agreement (MOA).

What's the Catch?

There is no catch. We're paying you to help us clean up the air. However, to achieve this goal, your electric GSE has to operate in the San Joaquin Valley. For us to make sure this happens, we'll need the following from you:

- ▲ Assurance that the GSE will be based within the SJVAPCD (see map at right).
- ▲ 75% or more of the hours of operation or electricity consumed will be within the boundaries of the SJVAPCD for at least 5-years from the date the electric GSE is placed into service. If the GSE does not complete the minimum 5 year term set forth in this program, a prorated portion of the funds must be returned to the SJVAPCD.
- ▲ Simple annual reports will be required for 5 years from the beginning of the electric GSE operation. The reports shall include such information as hours of operation, electricity consumed, and details regarding maintenance. These reports help us know that we are indeed improving air quality with valuable tax dollars.



How Do I Apply?

Applications will be evaluated and approved on a *first-come, first-serve basis* until participating county program funds are exhausted. The process is as follows:

1. Send an application to the SJVAPCD. The application will require contact information and descriptions of replacement GSE and operations.
2. SJVAPCD staff reviews the application to determine eligibility. You will be notified if more information is needed.
3. If the application meets minimum criteria, an incentive amount will be determined for the proposed GSE project.
4. Applicants will be notified of application approval or denial. Upon approval of the application, the SJVAPCD will prepare a simple contract for signature by the applicant and SJVAPCD.
5. The applicant orders and places the electric GSE into service within 1 year of contract signature.
6. The applicant submits equipment invoice, receipts, and SJVAPCD Claim(s) for Payment form. The SJVAPCD issues payment upon verification that the electric GSE has been placed into service.
7. As mentioned above, the applicant will submit simple annual reports. The SJVAPCD maintains the right to monitor the project periodically to ensure emission reductions.

Where Do I Get an Application?

You can receive an application by calling the SJVAPCD at (559) 230-5858. For general information about the program, you can call (559) 230-5800 or visit the SJVAPCD website at www.valleyair.org.