

Agenda Date: August 20, 2015
Agenda Placement: Regular
Estimated Time: 10 Minutes
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Dave Van Mullem, Air Pollution Control Officer

CONTACT: Jim Fredrickson (961-8892)

SUBJECT: Electric Vehicle Charging Station Infrastructure Program Modifications

RECOMMENDATION:

Adopt the resolution included as Attachment 1, which contains the following action items for the Electric Vehicle Charging Station Infrastructure Program (EV program):

1. Increase the EV program spending authority from \$100,000 to \$300,000;
2. Modify the EV program to provide maximum funding limits towards the purchase and/or installation of the following:
 - a. Level-2: \$10,000/charging station (where a single charging station may have one or more charging ports); or
 - b. Level-3 (DC fast charger):
 - i. \$20,000/charging station with dual charging capability (both CHAdeMO and SAE J1772 Combo charging standards); or
 - ii. \$10,000/charging station if only one charging standard is available;
3. Modify the EV program to allow funding for both public and private entities; and
4. Modify the EV program by having separate Standard Grant Agreements to accommodate either public or private entities.

SUMMARY:

On May 19, 2011 your Board authorized the Santa Barbara County Air Pollution Control District (“District”) to implement a new Electric Vehicle Charging Station Infrastructure Program (EV program) to provide funding to help defray the cost of providing publicly accessible electric vehicle charging stations. The initial spending authority for this grant program was set at \$100,000. This program provided up to a maximum of \$10,000 towards the purchase and/or installation of any single charging station, specifically Level-2 or Level-3 (DC fast charger).

On March 13, 2012 your Board approved the Standard Grant Agreement specifically to be used with the EV program.

In order to continue to help increase the availability of publicly accessible electric vehicle charging stations, the District is requesting that the Board authorize an additional \$200,000 of spending authority for the EV program along with modifications that will allow the District greater flexibility, efficiency, and a wider reach in implementing the EV program.

DISCUSSION:

Since the EV program was approved in May 2011 with a \$100,000 spending authority, the District has executed and implemented four grants for a total of \$60,871. One grant was executed and later terminated at the request of the grantee. One grant for \$34,364 is currently pending Board approval. With the execution of all of these grants, the remaining EV program spending authority would be \$4,765.

In order to have sufficient funds available to further implement and expand the EV program, we are requesting the Board approve increasing the program budget to \$300,000. The additional funding would be allocated primarily from the Guadalupe Dunes Oil Field mitigation account. This account currently totals \$128,122. The funds were provided to mitigate the air quality impacts of trucks hauling contaminated soil from the Guadalupe Dunes Oil Field in San Luis Obispo County to the City of Santa Maria’s landfill.

Lastly, the EV program was originally set up to fund only publicly owned charging stations. At that time there were many opportunities for installing charging stations on public property. Although we have received some recent interest from additional public entities to pursue grant funds, we believe there are missed opportunities for publicly accessible charging stations on private property. Therefore, we request that the EV program be modified to include possible participants from the private or non-profit sectors to allow wider expansion of the charging station network. All charging stations funded by this program would continue to be accessible to the public at all times, unless there are valid safety or security reasons to limit the hours of operation.

ATTACHMENTS:

1. EVCS Infrastructure Program Board Resolution
2. Standard Grant Agreement for Public Entities
3. Standard Grant Agreement for Private Entities