

Agenda Date: May 19, 2011  
Agenda Placement: Regular  
Estimated Time: 10 minutes  
Continued Item: No

## Board Agenda Item

TO: Air Pollution Control District Board

FROM: Terry Dressler, Air Pollution Control Officer

CONTACT: Ron Tan (961-8812)

SUBJECT: Electric Vehicle Charging Station Infrastructure Program Implementation

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### RECOMMENDATION:

Approve the resolution included as Attachment 1. This resolution contains the following action items:

1. Approve the implementation of the Electric Vehicle Charging Station Infrastructure Program;
2. Delegate authority to the Control Officer to execute Electric Vehicle Charging Station Infrastructure Program grant agreements; and
3. Establish the initial budget for this Electric Vehicle Charging Station Infrastructure Program at \$100,000.

### SUMMARY:

The Santa Barbara County Air Pollution Control District (“District”) proposes to implement a new Electric Vehicle Charging Station Infrastructure Program to provide funding to help defray the cost of providing publicly accessible electric vehicle charging stations. Grants authorized for execution by the Control Officer under this new program will be limited to a not-to-exceed amount of \$100,000. Grantees must enter into a standard agreement with the District, and all grant agreements must be reviewed and approved by Risk Management, the Auditor-Controller and County Counsel.

## DISCUSSION:

Several manufacturers have recently begun to mass-market all-electric vehicles and plug-in hybrid vehicles. The companies are financing extensive advertising campaigns for these vehicles – something they did not do in the past. Given the rising cost of gasoline and concern about vehicle pollution and greenhouse gas emissions, consumers are more and more interested in purchasing electric vehicles. As reported in the *Santa Barbara Independent*, Southern California Edison recently described Santa Barbara as one of the top four early adopter markets for electric vehicles out of the 180 cities in their service territory.

One recognized major barrier to increasing the demand for electric vehicles is the lack of publicly accessible charging stations. This scarcity is exacerbated by potentially high installation costs for charging stations – costs that could exceed the capital cost of the charger. The District is proposing to implement an Electric Vehicle Charging Station Infrastructure Program (“EV Charging Station Program”) to provide grants to help defray a portion of the purchase and/or installation costs. To qualify for funding, the following criteria must be met:

- 1) All charging stations funded under this program must be located in Santa Barbara County. They must be located where they would reasonably be expected to get extensive use and are easily accessible and available for public use. Charging stations for personal use are excluded from grant funding.
- 2) The charging station must be a Level 2 (220 volt) or DC fast charger (440 volt).

The funding source for these program grants are mitigation fees as described below:

- 1) Red Lion Inn project mitigation - these are funds provided to mitigate the air quality impacts of the Red Lion Inn (aka Fess Parker’s Double Tree Resort) and currently amount to \$57,890.
- 2) Guadalupe Oil Field Air Quality mitigation project fund – these 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 and currently total \$50,590.

These grants are not connected with the California Air Resources Board’s Carl Moyer Program, and there are no prescribed cost effectiveness criteria. The District does not recommend that projects funded under the EV Charging Station Program be required to meet one.

The District requests that the initial budget for this new Program to be set at \$100,000.

This program will provide up to a maximum of \$10,000 towards the purchase and/or installation of any single charging station.

Except for setting the individual grant amount that the Control Officer may approve at \$100,000 instead of \$150,000 and eliminating the cost effectiveness requirement, the Control Officer’s authority to administer the EV Charging Station Program remains consistent with the same terms and conditions in Resolution 09-14 adopted by your Board on October 15, 2009 as follows:

- 1) The Board must have authorized the overall grant program;
- 2) The Board must have authorized an overall budget for the particular grant program and the total dollar amount of all grants approved by the Control Officer shall be within the budget authorized by the Board;
- 3) All grants must meet or exceed the established cost-effectiveness limits established by the Board;
- 4) Individual grants shall be on the standard grant agreement used by the District and shall be reviewed and approved as to form by Risk Management, the Auditor-Controller and County Counsel; and
- 5) Individual grant amounts shall not exceed one hundred thousand dollars (\$100,000).

Additionally, the Control Officer is required to report to your Board at each regular Board hearing summarizing all grants approved by the Control Officer since the prior regular hearing. The report includes number of grants, name(s) of grantees, project locations and grant amounts.

Attachment:

Resolution to implement the Electric Vehicle Charging Station Infrastructure Program grant program.

RESOLUTION OF THE  
AIR POLLUTION CONTROL DISTRICT BOARD  
COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA

In the Matter of Approving the Implementation     )     Resolution No. \_\_\_\_\_  
Of the Electric Vehicle Charging Station         )  
Infrastructure Program                                 )

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**RECITALS**

- 1) WHEREAS, the Board recognizes that an Electric Vehicle Charging Station Infrastructure Program will provide an incentive to expand the use of electric vehicles and thus reducing criteria and greenhouse gas emissions; and
- 2) WHEREAS, the Board wishes to retain authority over this new grant program's initiation parameters and fiscal allocations; and
- 3) WHEREAS, the Board, in keeping with its previous desires to make program administration more efficient, wishes to delegate authority to the Control Officer to enter into and approve certain grant agreements for the Electric Vehicle Charging Station Infrastructure Program within specified parameters; and
- 4) WHEREAS, the Board wishes to waive the necessity to meet a cost-effectiveness criteria for projects funded pursuant to the Electric Vehicle Charging Station Infrastructure Program; and
- 5) WHEREAS, the Board wishes to provide up to a maximum of \$10,000 towards the purchase and/or installation of any single charging station; and
- 6) WHEREAS, the Board, in keeping with its previous administrative decisions on other components of the District's grant program, wishes to delegate authority to the Control Officer for individual grant agreements that do not exceed \$100,000 per grant agreement to fund emission reduction projects.

**NOW, THEREFORE, IT IS HEREBY RESOLVED THAT:**

- 1) The Board hereby delegates authority to the Control Officer to implement an Electric Vehicle Charging Station Infrastructure Program administered by the District's Innovative Technology Group and authorizes the Control Officer to execute individual grant agreements with public entities that meet specified parameters for authorized Innovative Technology Group Programs.
- 2) With respect to the Electric Vehicle Charging Station Infrastructure Program the parameters for each individual grant approved by the Control Officer shall be as follows:
  - a. The Board shall have authorized the overall grant program.
  - b. The Board shall have authorized an overall budget for the particular grant program. The total dollar amount of all grants approved by the Control Officer shall be within the budget authorized by the Board.
  - c. Grants are not subject to a cost-effectiveness criterion.

- d. Individual grants shall utilize the standard District grant agreement and shall to be reviewed and approved by Risk Management, the Auditor-Controller, and County Counsel.
  - e. Individual grants amounts shall not exceed one hundred thousand dollars (\$100,000).
- 3) The budget for this new Electric Vehicle Charging Station Infrastructure Program shall be \$100,000.
- 4) The Control Officer shall provide reports to the Board at each regularly scheduled hearing of all grants, including grants under the Electric Vehicle Charging Station Infrastructure Program, approved by the Control Officer since the prior hearing. The reports shall include the number of grants executed, names of grantees, project types, project locations and grant amounts.

**PASSED AND ADOPTED** by the Santa Barbara County Air Pollution Control District Board, County of Santa Barbara, State of California, this 19<sup>th</sup> day of May 2011, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

**ATTEST:**

Clerk of the Board

Santa Barbara County Air Pollution Control  
District, State of California

By \_\_\_\_\_  
Deputy

\_\_\_\_\_  
Chairperson

**APPROVED AS TO FORM**

**APPROVED AS TO ACCOUNTING FORM**

DENNIS MARSHALL  
Santa Barbara County Counsel

ROBERT W. GEIS, CPA  
Auditor-Controller

By: \_\_\_\_\_  
Deputy

By \_\_\_\_\_  
Deputy Auditor-Controller

**APPROVED AS TO FORM**

RAY AROMATORIO  
Risk Manager

By \_\_\_\_\_