

BOARD MEETING DATE: September 4, 2015

AGENDA NO. 6

PROPOSAL: Establish Residential EV Charging Incentive Pilot Program 

SYNOPSIS: An incentive program for residential EV charging will assist in accelerating deployment of PEVs. This action is to establish a residential EV charging incentive pilot program and authorize the Executive Officer to issue rebates to program participants in an amount not to exceed \$500,000 from the Clean Fuels Fund (31).

COMMITTEE: Technology, July 24, 2015; Recommended for Approval

RECOMMENDED ACTION:

Establish a residential EV charging incentive pilot program and authorize the Executive Officer to issue rebates under the terms of the program for purchase of Level 2 chargers in an amount not to exceed \$500,000 from the Clean Fuels Fund (31).

Barry R. Wallerstein, D.Env.
Executive Officer

MMM:FM:AK:PSK:AN

Background

The Governor's ZEV Action Plan has set a goal of establishing infrastructure to support one million clean vehicles by 2020 and having 1.5 million clean vehicles on the road by 2025. In the past five years, over 41,000 Clean Vehicle Rebate Program (CVRP) incentives for plug-in electric vehicles (PEVs) have been issued for the South Coast Air Basin, which is approximately 42% of rebates issued statewide. The rapid growth in the number of PEVs purchased and the announcement of longer range (larger battery) PEVs highlights the greater need for residential charging. To help meet the goals set forth in the ZEV Action Plan, further incentives for PEV infrastructure are needed.

Proposal

This action is to establish a residential EV charging incentive pilot program to offset Level 2 EV supply equipment hardware costs. This program will serve residents within

the SCAQMD jurisdiction and provide an additional incentive for low-income residents. The program will be implemented on a first come, first served basis and will cover up to \$250 for the cost of hardware for Level 2 residential chargers. An additional incentive of up to \$250 will be available for low-income residents to further assist with EV hardware costs. Interested program participants will be required to complete and submit an application for the rebate along with documentation verifying eligibility requirements which, in part, will include proof of DMV registration of a PEV at the residential address, income qualification documentation (e.g. tax returns or low-income utility qualification), and proof of purchase/installation. Participants will also have to agree to a three-year commitment to use the EV hardware under this Program as well as a site inspection. Staff will coordinate with local utility residential EV charging incentive programs to avoid having residents receive multiple incentives.

Benefits to SCAQMD

This project will accelerate deployment of PEVs and associated infrastructure to residents who are not early adopters of these technologies and might not otherwise purchase these vehicles, further reducing vehicle emissions. The scope of this project is identified as a technical priority in the *Technology Advancement Office Clean Fuels Program 2015 Plan Update* under “Electric/Hybrid Technologies & Infrastructure” and within the SCAQMD’s *Goals and Priority Objectives for FY 2015-16* under “Incentive Funding Programs.”

Resource Impacts

Total funding for this Program shall not exceed \$500,000 from the Clean Fuels Fund (31), with rebates ranging from \$250 to \$500, depending on income level.

Sufficient funds are available from the Clean Fuels Fund (31), established as a special revenue fund resulting from the state-mandated Clean Fuels Program. The Clean Fuels Program, under Health and Safety Code Sections 40448.5 and 40512 and Vehicle Code Section 9250.11, establishes mechanisms to collect revenues from mobile sources to support projects to increase the utilization of clean fuels, including the development of the necessary advanced enabling technologies. Funds collected from motor vehicles are restricted, by statute, to be used for projects and program activities related to mobile sources that support the objectives of the Clean Fuels Program.