



Agenda Report

December 12, 2011

TO: Honorable Mayor and City Council

THROUGH: Finance Committee (December 12, 2011)

FROM: Department of Transportation

SUBJECT: AUTHORIZE THE CITY MANAGER TO EXECUTE ALL AGREEMENTS WITH THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY ASSOCIATED WITH THE RECEIPT OF GRANT FUNDING AND IMPLEMENTATION AND MANAGEMENT OF ZERO EMISSION VEHICLE CHARGING STATIONS

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the following proposed actions are exempt from review pursuant to the California Environmental Quality Act ("CEQA"), pursuant to State CEQA Guidelines Section 15061 (b) (3);
2. Authorize the City Manager to execute all agreements with the Los Angeles County Metropolitan Transit Authority (Metro) with the receipt of grant funding and the implementation and management of the program respectively;
3. Recognize and approve a journal voucher appropriating the Metro grant for \$573,820 to budget account number 8114-101-772100;
4. Approve a journal voucher amending the Fiscal Year 2012 Operating Budget by recognizing and appropriating \$7,094 from the Pasadena Water and Power Public Benefit Program Fund 8176-410-831700-0914-22-21235 to budget account number 8114-101-772100.

BACKGROUND:

In anticipation of renewed Zero Emission (electric) vehicle (EV) demand, the Departments of Transportation and Water and Power have been working jointly for the last several years to retrofit and develop as many EV charging sites as possible citywide. To that end, the Department of Transportation applied for and was awarded a 2009 Metro Call for Projects grant in the amount of \$717,275 to update the current EV infrastructure of 23 chargers to current standards and to expand the system to a total of 43 chargers.

The EV charging network will facilitate the use of electric vehicles in Pasadena, which in turn will reduce vehicle emissions. The project has two phases. In Phase 1, the existing locations that have inductive charging infrastructure from the previous generation of EVs will be updated to accommodate plug-in charging. In Phase 2, staff will develop criteria for deploying additional charging stations in locations accessible to the public, some of which may be on private property. In the latter instance, staff will seek to leverage the grant funds to incentivize EV partnerships with local businesses and property owners.

This grant funds over a three-year period on a reimbursement basis. Metro will reimburse the City for expenditures incurred in support of the grant objectives to a maximum amount per year as follows: FY 2012 - \$35,471; FY2013 – \$357,060; and FY 2014 – \$324,744. The maximum amounts include the 20% local funds match. The first year of the grant will be used to assess the changes necessary to the existing inductive chargers and to develop criteria for deploying EV charges for public use. The grant funds in the second year will be used to update the 23 existing EV charging stations and the grant funds in the third year will be used to install up to 20 additional EV charging stations.

Because the technology for EV charging is evolving and the demand for EV charging is still nascent but expected to ramp up, the program is designed to start slowly by identifying the charging technologies to be deployed and by developing a deployment plan that addresses the estimated demand for EV charging in Pasadena. During the deployment phase, staff will seek to reduce the amount of Power Public Benefit Program Funds used as local match for the Metro funds through the establishment of partnerships with charging station vendors and with property owners and businesses that will benefit from the EV charging stations.

COUNCIL POLICY CONSIDERATION:

The Zero Emission Vehicle Charging Stations Project supports the Green City Action Plan by promoting environmentally sustainable programs at the local and regional levels.

ENVIRONMENTAL ANALYSIS:

The implementation of the Electric Vehicles Charging Stations Program is exempt from CEQA per section 15061 (b) (3), the General Rule. The General Rule can be applied when it can be seen with certainty that the activity will not have a significant effect on the environment.

FISCAL IMPACT:

The majority of the cost of the Zero Emission Vehicle Charging Stations Program will be funded through a \$573,820 grant from Metro to budget account number 8114-101-772100. The city's required match of \$7,094 for FY2012 will come from the Pasadena Water and Power Public Benefit Program Fund 8176-410-831700-0914-22-21235. Additional funding of \$71,412 for FY 2013 and \$64,949 for FY 2014 for a total of \$143,455 will come from Pasadena Water and Power Public Benefit Program Fund 8176-410-831700-0914-22-21235. The City will also provide "in-kind" support by providing grant administration, program marketing opportunities, participation in press events, signage and other staff support where appropriate.

Respectfully submitted,



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