



CITY OF BEVERLY HILLS
TRAFFIC & PARKING COMMISSION

December 3, 2015

TO: Traffic & Parking Commission

FROM: Chad Lynn, Assistant Director of Public Works Services
Caitlin Sims, Senior Management Analyst, Public Works Services

SUBJECT: Electric Vehicle Charging Proposed Policy

ATTACHMENTS: None

At the October 2015, Transportation and Parking Commission (TPC) Meeting, Public Works Services staff provided an overview of the City's electric vehicle (EV) charging station network. The City currently has approximately 40 publicly available electric vehicle (EV) charging stations throughout the City, which provide 60 parking spaces for charging. These are located at 14 City parking facilities and at Roxbury Park. The majority of these units were installed as a result of grant funds received in 2011 from ChargePoint America through a federal program to provide electric vehicle and charging infrastructure to nine selected regions in the United States, including the Los Angeles region. The grant covered the costs of the units, operating, maintenance and networking fees through January 2014. The objective was to accelerate the development and production of electric vehicles to reduce petroleum consumption, reduce greenhouse gas production, and create jobs. The City has since entered into a multi-year agreement for the networking fee directly with ChargePoint America. Separately, the City has a service provider that provides on-call responsive maintenance service for the equipment.

The City was required to provide free charging capability for electric vehicles during the grant period, which ended in January 2014. This was to promote the original goal of the program, to provide access to public charging stations to promote the use of electric vehicles. To continue to promote the use of electric vehicles, the City has continued to provide electric vehicle charging as a free service since January 2014.

Since the installation of these stations, EV charging usage has significantly increased. This has resulted in increased electricity costs for the EV charging. User etiquette and informal courtesies between EV owner/drivers has also changed, more residents have adopted the technology. The City has also adopted some enforcement protocols, as follows:

- Non-Electric vehicles may not park in a designated EV space
- Vehicles must be moved from the charging station within one hour after reaching a full charge. Unmoved vehicles may be subject to citation
- Patrons cannot lock, or in any way convert the charging cable for their exclusive use
- A vehicle parked in a charging stall without the charging cable connected to the vehicle is subject to citation.

The changing EV culture has created a need for the City to revisit the general EV policies which include qualifications to gain access to an EV space, enforcement protocols, and pricing considerations. Staff is developing policies to govern its electric vehicle charging program, in

order to balance space availability and maximize the use of the charging stations city-wide. Staff has assessed the current EV facility usage profiles, the City's costs associated with charging, and the City's current enforcement efforts to develop this policy. Key considerations include the following:

- Whether customers should be charged a fee for utilizing the City's EV stations;
- Whether there should be a time restriction for utilizing the City's EV stations; and
- Whether there should be spaces dedicated for electric vehicles (not hybrids) only;
- What changes need to be made to the City's enforcement efforts.

The staff recommendation will be presented at the December 3, 2015, TPC Meeting. The recommendation will then be presented to the City Council for its consideration at the January 19, 2016, meeting.