

City of Signal Hill Policy and Procedure
Electric Vehicle Charging Station Policy

DATE: December 11, 2018

REVISION NO.: 001

APPROVED:

**DEPARTMENT: COMMUNITY
DEVELOPMENT / PUBLIC
WORKS**

I. Purpose

The purpose of this policy is to provide guidance and leadership to promote installation of electric vehicle (EV) chargers and charging stations citywide where practicable.

II. Overview

Signal Hill supports the use of EVs. In recognition of the fact that EVs must plug in to obtain power, this Policy is intended to provide leadership and guidance through a commitment by the City to endeavor to exceed minimum applicable building standards regarding EV chargers by installing EV chargers in all municipal development where practicable and by encouraging, but not requiring installation of EV chargers in private sector development.

III. Policy

This Policy strives to promote more than the minimum required by applicable building standards through leadership, guidance, and encouragement as follows:

A. Municipal Development Projects

The City shall exceed the minimum applicable building standards for EV chargers by installing chargers on municipal development where practicable as follows:

- i. All new municipal development greater than 5,000 square feet of gross floor area.
- ii. All new additions to municipal development exceeding 50% of the existing building's total square footage.
- iii. EV charger type, voltage, number, and location shall be determined on a project by project basis by the City Council.
- iv. EV charger methods of cost recovery shall be determined by resolution on a project by project basis by the City Council.

v. The City Council may allow exceptions to this Policy on a project by project basis.

B. Private Sector Development Projects

Private sector development shall incorporate the minimum applicable building standards for EV chargers and is encouraged to follow the leadership provided by municipal projects to exceed the minimum standards and install EV chargers in private sector development as follows:

- i. The City shall provide guidance, encourage and promote the installation of electric chargers, with universal connectors and varied voltages, and charging stations in all new private sector development greater than 5,000 square feet of gross floor area.
- ii. The City shall provide guidance, encourage and promote the installation of electric chargers, with universal connectors and varied voltages, and charging stations in all new additions to private sector development exceeding 50% of the existing building's total square footage.
- iii. A determination whether the project meets or exceeds the current building standards for EV chargers will be made on a project by project basis by the Planning Commission or their designated representative.

IV. Implementation

- A. The City will ensure the management and implementation of the Policy components.
- B. Application of the Policy shall become effective on the date it is adopted by the City Council.

V. Fiscal Considerations

In consideration of minimizing fiscal impacts to the City, options to subsidize costs on municipal projects with user fees associated with time limits will be considered on a project by project basis by the authorized governing body.

VI. Definitions

- A. ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-

propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.

B. ELECTRIC VEHICLE CHARGER. Off-board charging equipment used to charge an electric vehicle.

C. ELECTRIC VEHICLE CHARGING STATION. One or more electric vehicle charging spaces served by electric vehicle charger(s) or other charging equipment allowing charging of electric vehicles.

D. ELECTRIC VEHICLE SUPPLY EQUIPMENT. The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.