



**BOARD OF SUPERVISORS
AGENDA LETTER**

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: General Services
Department No.: 063
For Agenda Of: July 14, 2020
Placement: Departmental
Estimated Tme: 15 Minutes
Continued Item: Yes
If Yes, date from: N/A
Vote Required: Majority

TO: Board of Supervisors

FROM: General Services Janette D. Pell, Director (805) 560-1011
Contact Info: Skip Grey, Assistant Director (805) 568-3083

SUBJECT: Electric Vehicle Charging Rate Structure and Parking Resolution; Districts 1, 2, 4, and 5

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence:

Risk Management

As to form: Yes

Recommended Actions:

That the Santa Barbara County Board of Supervisors:

- a) Adopt a Resolution establishing electric vehicle (EV) charging and parking rates and fees relating to public use of EV charging equipment in the Calle Real Campus, Downtown Administrative Building, Lompoc campus, and Betteravia Campus parking lots;
- b) Determine that the adoption of the Resolution is statutorily exempt from the California Environmental Quality Act (CEQA) pursuant to Section 21080(b)(8) of the California Public Resources Code and CEQA Guidelines Section 15273(a)(1), (2), (3) and (4) since CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies which the public agency finds are for the purpose of: (1) Meeting operating expenses, including employee wage rates and fringe benefits, (2) Purchasing or leasing supplies, equipment, or materials, (3) Meeting financial reserve needs and requirements, (4) Obtaining funds for capital projects necessary to maintain service within existing service areas.

Summary Text:

This action will set fees for use of electric vehicle charging stations in the Downtown Administrative, Lompoc, Calle Real, and Betteravia Campus parking lots. The installation of up to 86 EV chargers has begun and the EV chargers should be operational this fall. The County is seeking to recover the cost of electricity used to charge non-County vehicles at various public facing County operated charging stations and set a parking fee for vehicles that remain in the parking space for periods beyond four hours.

Background:

As part of the County’s efforts to convert the light-duty vehicle fleet of County gasoline fueled vehicles to cleaner and more efficient electric vehicles, a portion of that effort is to install electric vehicle charging station equipment at four locations on County property. Several of these stations will be available to both the public and County employees’ personal vehicles. It is the intent of the County to recover electricity costs used to charge non-County (public) vehicles. In addition, to ensure maximum use of the public stations, a parking fee will be charged for vehicles that remain in the EV charging space beyond four hours. This will encourage users whose vehicles are fully charged to leave the space so that others may utilize the charging equipment.

The following proposed rates are being set with the intention of recovering the average cost of electricity used by the public at the various County locations and the parking fee.

Location	Rate to be Charged for the Average Electricity Cost per kWh Used	Fee to be charged for Parking Cost per <i>Minute</i> - For Time Over 4 hours in the Space 8am-5pm	Fee to be charged for Parking Cost per <i>Hour</i> - For Time Over 4 hours in the Space 8am-5pm
Downtown Admin Parking Lot	\$0.15	\$0.08	\$4.80
Calle Real Parking Lots	\$0.14	\$0.08	\$4.80
Lompoc Campus	\$0.20	\$0.08	\$4.80
Betteravia Campus	\$0.22	\$0.08	\$4.80

In addition to the recovery rates for electricity used, a parking fee of \$0.08 will be assessed on a per minute basis for any time over four hours in the charging space between the hours of 7:00am to 9:00pm. No parking fee will be charged from 9:01pm to 6:59am. Four hours is the charging standard for Level 2 charging in California and many EV drivers expect that. The goal of our public Electric Vehicle Service Equipment is primarily to allow people to charge to get to their next destination, not top off their battery. Four hours is a good balance between both. No parking fees will be assessed over night to allow local residents without access to home charging to have a place to charge their EV. Staff will post notices and signage of the new parking regulations at each location.

The fees will be collected using software built into the PowerFlex charging stations being installed by the County. PowerFlex’s adaptive load management software for electric vehicle charging was developed as part of a broad research program at the California Institute of Technology (Caltech). The EV driver downloads the PowerFlex app from the Apple App Store or Google Play Store and installs it on their smartphone. Once they log into the app, they can connect their car to the charger and scan the QR code

on the charger to begin charging. On a quarterly basis, PowerFlex will submit payments that are actually collected from end users to the County for the base energy costs plus any portion above the County’s energy costs that are collected for parking over the four hour period. County owned vehicles will not be required to use the app and will not pay this fee.

The fee for County employees to charge their personal vehicles will be re-evaluated after a six month period once the EV chargers are fully operational. General Services will work with Human Resources and the Clean Commute committee to evaluate the option of providing free charging for County employees as part of an employee incentive program to promote the adoption of electric vehicles.

Fiscal Impact:

Adoption of this resolution is projected to increase annual revenue by \$13,440 and will offset a commensurate amount of increased costs in electricity used to charge the EVs and any maintenance not covered in the County’s agreement with PowerFlex. The following table assumes that 16 of the County’s new EV Chargers will be used primarily by the public, or by County employees who charge their personal vehicles while at work.

	Annual Amount per Charger	Annual Amount for 16 EV Chargers
Potential Parking Fee Revenue ¹	\$ 840	\$ 13,440
Electric Cost Recovery ²	\$ 3,016	\$ 48,250

1. Assumes an average of 30 minutes of parking fee time per day per charging spot (parking fee begins at 4 hours and one minute).

2. Assumes 7.5 hours of charging time per day per charger

Performance Measure:

Several measures will be tracked including usage of the EV chargers by the public, cost of electricity used, parking fee revenues collected, and GHG reductions.

Staffing Impacts:

None

Special Instructions:

After Board action, please distribute as follows:

1. Return one original, executed and adopted resolution and one Minute Order to Skip Grey, General Services.

Attachments:

1. Electric Vehicle Charging Rate and Parking Resolution
2. Electric Vehicle Charging Stations Rates Presentation

Author:

Skip Grey, Assistant Director