



Staff Report

TO: City Council
FROM: Doug Story, Assistant Community Services Director
DATE: November 2, 2021
SUBJECT: **Hold a Public Hearing and Consider a Resolution Updating the Fee Schedule for the City-owned Electric Vehicle Charging Station**

Background and Analysis:

The City of Beaumont operates a ChargePoint DC fast charging (DCFC) electronic vehicle charging station with three terminals. A DCFC is a fast-charging station that can charge an electric vehicle battery within one hour providing a charge allowing the vehicle to travel up to 250 miles.

On July 7, 2020, City Council held a public hearing approving a five-year subscription agreement with ChargePoint and established a fee schedule for the electric vehicle charging stations. At that time, rates were proposed and established based on kilowatt hour (kWh) rates imposed by Southern California Edison (SCE). In addition to these SCE fees, a survey of local charging stations was conducted. This internal analysis showed that the proposed fee at that time was similar to other local charging stations. The three (3) electric vehicle charging stations subsequently went on-line in September 2020.

City staff recently analyzed the rates charged and the usage of the charging station over the past year and discovered that most vehicle charging occurs during peak and mid-peak hours, as described by SCE. Peak and mid-peak hours is considered the electric usage within the hours of 4:00 pm to 9:00 pm, 7 days a week including holidays and is the highest rates for energy consumption.

The City of Beaumont currently charges \$0.35 per kWh regardless of the time of day or day of the week. An additional \$2.00 an hour, after the first hour, was also approved as a deterrent for drivers to not park at the station longer than necessary. These fees were established in 2020 based on an average of charges for energy by SCE and an analysis of fees charged by nearby charging stations. The fees currently collected from vehicle

charging users do not subsidize the increased SCE rates during peak and mid-peak hours, especially during summer Flex power alerts.

City staff proposes an update to the City fee schedule for usage fees of the electric vehicle charging station. Immediate action is needed to bring the user fees in line with the increased SCE rates and to bring the City's rates in line with other local electric vehicle charging station rates. The stations analyzed during the initial fee establishment have since increased their rates, which leaves the City's station under the median rate of the market when compared to the surrounding area.

City staff proposes an initial rate adjustment of \$0.55 per kWh for use of the charging station any day between the hours of 4:00 pm and 9:00 pm, and \$0.35 per kWh for all times outside of that timeframe, with a \$2.00 deterrent parking fee charged after the first hour of charging. Furthermore, ongoing quarterly analysis is necessary to ensure that usage fees are in line with current market trends.

Fiscal Impact:

The City of Beaumont will not incur additional operating costs until the expiration of the current five-year subscription and warranty in September 2025. City staff estimates the cost to prepare this report is \$95.

Recommended Action:

Hold a public hearing, and
Waive the full reading and adopt by title only, "A Resolution of the City of Beaumont, California, Approving Electric Vehicle Charging Station Fees Update."

Attachments:

- A. Proposed Rate Schedule
- B. Resolution