



# City of Palo Alto

## Utilities Advisory Commission Staff Report

(ID # 11860)

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**Report Type: Supplemental Information Meeting Date: 1/6/2021**

**Summary Title: Informational Update on EV Charging Programs**

**Title: Informational Update on City of Palo Alto Utilities Electric Vehicle Programs**

**From: City Manager**

**Lead Department: Utilities**

### Recommendation

This is an informational report and no action is required.

### Executive Summary

The attached presentation slides provide an update on the status of the City of Palo Alto Utilities' (CPAU) electric vehicle (EV) charger programs as of December 2020. A primary focus of the program is the multi-family and non-profit sectors. In these sectors 88 sites (out of roughly 800-900 eligible sites) have expressed interest in the program. 28 technical reports have been provided to site owners representing a potential for 226 new EV charging ports. Two permit applications have been submitted and staff's current priority is assisting more customers with submitting permit applications before expanding the number of sites participating in the program.

CPAU is also promoting its regional EV charger rebate program available to workplaces. The program is launching in December and is expected to result in approximately 200 new workplace EV chargers and 10 publicly available direct current (DC) fast chargers.

The California Clean Fuel Rewards Program, partially funded by CPAU's and other agencies' Low Carbon Fuel Standard (LCFS) funds, launched November 17 and provides a \$1,500 rebate for new EV purchases at participating dealerships.

Other CPAU EV programs being developed include a curbside charging pilot and an income-qualified EV rebate program.

### Attachments:

- Attachment A: Presentation





# EV Customer Programs Update

# NOTABLE PROJECTS COMPLETED IN 2020

Site	Level 1	Level 2	DC Fast Charger	Total Number of New Ports
Ellen Fletcher Middle School	0	18	1	19
Gunn High School	0	14	1	15
Greene Middle School	0	14	1	15
SAP	0	120	4	124
Bryant Street Garage	0	6	0	6
Cowper/Webster Garage	0	14	0	14
<b>Totals</b>		<b>186</b>	<b>7</b>	<b>193</b>

# EV CUSTOMER PROGRAMS UPDATE

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## EV Charger Rebate Program

- Number of applications: 42
- Approved number of rebates: 13
- Total amount of rebates approved: \$346,000
- Number of new ports installed: 75

## EV Charging Technical Assistance Program (TAP)

- TAP Interested Sites: 88
- Number of Technical Site Visits Complete: 24
- Number of Final Reports Presented: 28
- Proposed Number of New EV Charging Ports: 226 @ 16 multifamily properties, 9 places of worship and 1 non-profit
- Number of Permit Applications Submitted: 2 @ 2 multifamily sites for 6 new EV charging ports
- Number of new ports installed: 0

## California Clean Fuel Rewards Program Launched on November 17<sup>th</sup>

- All California residents are now eligible for a \$1,500 point of sale EV rebate
- CPAU mandated by CARB to contribute 25% of LCFS funds towards this statewide program

# EV CUSTOMER PROGRAMS NEXT STEPS

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## **CALeVIP (California Electric Vehicle Infrastructure Project) Launch December 16th**

- Projection: 200 new Level 2 EV Charging Ports and 10 new DCFC over next 3 years at commercial sites
- CPAU contributed \$1M in matching funds and City awarded \$1M from the CEC

## **Curbside Charging Pilot Program**

- Resident-driven initiative
- Proposal: Install publicly available curbside chargers at 10 pilot sites with electricity supplied by resident homes
- Collaborative effort with Public Works, Planning, and Utilities
- Looking at expanding CPAU's \$8,000/port EV charger rebate to proposed residential curbside chargers

## **Income Qualified EV Rebate Program**

- In research and design phase