Curbside Electric Vehicle (EV) Charging Pilot Program
Summary of Draft Permit Guidance
June 2018
What is the purpose of the pilot?

Projects rely on outside investment; no City funding available

Opportunity for private and public partners to own, operate, and maintain EV infrastructure

Test curbside charging on a limited scale; evaluate utilization and effects on EV adoption

Provide guidance for the City’s issuance of permits for EV infrastructure in the right-of-way
What are the overall goals of curbside charging?

- Equitable access
- Efficient distribution
- Complement active transportation
- Strengthen local industry
- Encourage shared mobility
- Optimize for future demand
What are the pilot parameters?

**PILOT PERIOD:**
One year

**ALLOWABLE CHARGERS:**
Non-proprietary Level 2 and DCFC

**ALLOWABLE LOCATIONS:**
Time-limited & metered parking spaces
Who is eligible to apply?

Any individual, company, or organization that meets the program application requirements may include:

- Charging network operators
- Property owners
- Qualified ZEV car share operators
- Public agencies
What are the location requirements?

- On-street metered or time restricted parking spaces
- Within a low-income and/or disadvantaged community, OR a commercial or mixed-use corridor
- Time restrictions or meter zone is 1+ or greater
What are the program application components?

- Signed agreement, using City template
- Business model
- Data and monitoring plan
- Site proposal
- Community outreach results
- Outreach and marketing plan
- Preferential project qualifications
What are the preferential project qualifications?

- Incentives for low-income customers
- Commitment to expand citywide EV network
- Partnership with EV car share, electric shuttles, and/or bike share
- Participation by a certified Local Business Enterprise or commitment to local hire
- Anticipation of SB 454 regulations and future-proofing of infrastructure
What are the required specifications?

- Level 2 with SJ 1772 or DCFC with both CCS and CHAdeMO
- Non-proprietary and universal EV access
- Offer real-time and convenient customer support
- Accommodate several transaction methods
What are the necessary permits* and estimated fees?

<table>
<thead>
<tr>
<th>Permits to construct</th>
<th>Construction Encroachment Permit</th>
<th>Fees</th>
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<tbody>
<tr>
<td></td>
<td>Revocable Permit</td>
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<tr>
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<td>Building Permit</td>
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<td>$152/hr of admin.</td>
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<td>Varies</td>
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<tr>
<td>Permits to operate</td>
<td>Dedicated Public-Use EV Charging</td>
<td>$932/$360</td>
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<td></td>
<td>Parking Permit</td>
<td>See guidance</td>
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<td></td>
<td>Business Operation Tax Certificate</td>
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<tr>
<td>Liability</td>
<td>Removal Bond</td>
<td>$30,000 penal sum</td>
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<td>Proof of Insurance</td>
<td>See guidance</td>
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*Additional permits may be required on a case-by-case basis. Does not include SMUD electric service fees.
### What is the review process?

<table>
<thead>
<tr>
<th>Step</th>
<th>Activities</th>
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<tbody>
<tr>
<td><strong>Pre-application</strong></td>
<td>Review guidance, Community outreach</td>
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<tr>
<td><strong>Program Application</strong></td>
<td>Written proposal submittal, Signed license agreement</td>
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<td><strong>Community Notice</strong></td>
<td>10-day public notice, City review</td>
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<tr>
<td><strong>Permit applications</strong></td>
<td>Plan check and review, At least 2 rounds of submittals anticipated</td>
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<td><strong>Notice to Proceed</strong></td>
<td>Execute agreement, Initiate project construction</td>
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June 2018
What will the City evaluate after the pilot?

- EVSE utilization
- Impact on city-wide EV adoption
- Effects of pricing mechanisms
- User demographics

June 2018
What’s next?

June – August 2018
Public review and stakeholder engagement

August 2018
Staff review and updates, City Council authorizations

Fall 2018
Begin accepting program applications

Spring 2019
Potential for construction of approved projects, pending all authorizations
Questions or comments?

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