Overview

• EVs in Berkeley
• Background on the Pilot
• Recommendations
  • Extend the Pilot in conjunction with other efforts to plan for and increase EV adoption
  • Establish a fee for Pilot applications
EVs in Berkeley

• High regional & local adoption
  • Berkeley at 1,508 EVs (2016)
  • Bay Area provides nearly 40% of CA’s EV sales
  • CA provides more than 50% of US’s EV sales

• Berkeley Climate Action Plan
  • Transportation is 56% of GHG Inventory
  • Working to reduce petroleum use by 75%
    to achieve 80% GHG reduction by 2050
City of Berkeley’s Charging Priorities

1. Home charging
2. Commercial Charging
3. Public (municipal) charging
   - 14 Level 2 ports currently
   - 20 new Level 2 ports this year
      (Center Street Garage)
Home Charging
Residential Curbside EV Charging Pilot

- 3-year Pilot, Dec 2014 – Dec 2017
- Prioritized new on-site locations
- Allowed up to 25 curbside chargers
- Connected to owner’s home electrical system
- Commercially available EV charging stations; not outlet alone
- Parking remains available to all
- Grant from The 11th Hour Project
Pilot Applicants

56 Initial Inquiries
- 8 for on-site charging
- 31 for curbside charging
- 16 didn’t qualify
- 1 withdrawn (by applicant)

3 on-site &
5 curbside installations
On-Site Charging Example (Before)
On-Site Charging Example (After)
Curbside Charging Example (Before)
Curbside Charging Example (After)

Street parking at this location is available to all vehicles

All posted street parking restrictions for this block remain in effect at this location

This is a privately-owned electric vehicle (EV) charging station for personal use, permitted through the City of Berkeley’s Residential Curbside EV Charging Pilot
Curbside Charging Example (Before)
Curbside Charging Example (After)
Curbside Charging Example
Pilot Findings

• Strong interest
• Few installations
  – Expense, access
• Staff time intensive
Recommendations

• Extend Pilot, in existing form, until Dec 2020
• Adopt a $397 fee for application review
• Supplement with other efforts to plan for and increase equitable access to EVs and EV adoption in Berkeley