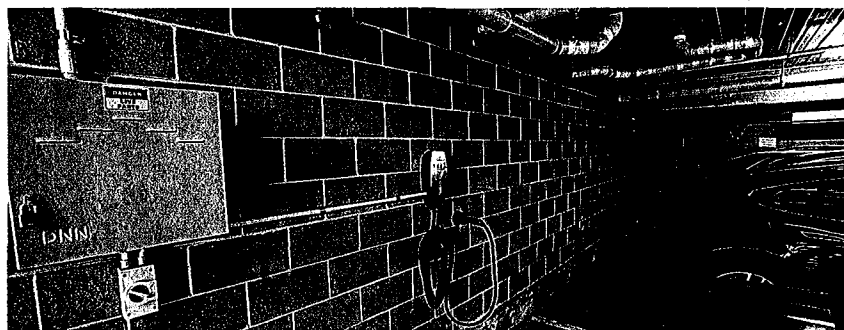


FILED  
OFFICE OF THE CITY CLERK  
OAKLAND

2016 NOV -8 PM 1:39

**Objective:**

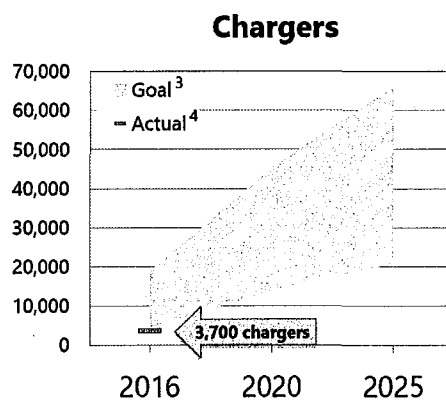
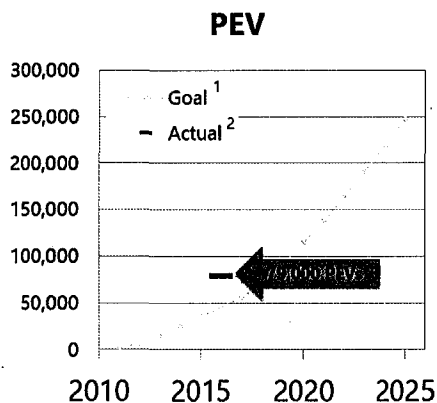
Ensure that new buildings have capacity to support the growth of clean transportation, while minimizing the lifetime cost of installations



**The Reality of Local Demand**

*~5% of 2015 Bay Area vehicle sales were electric*

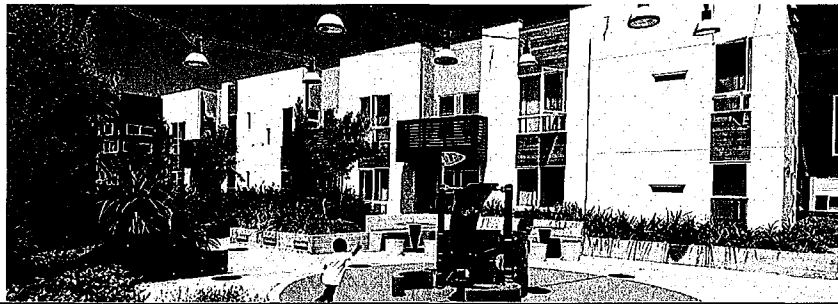
Bay Area estimates:



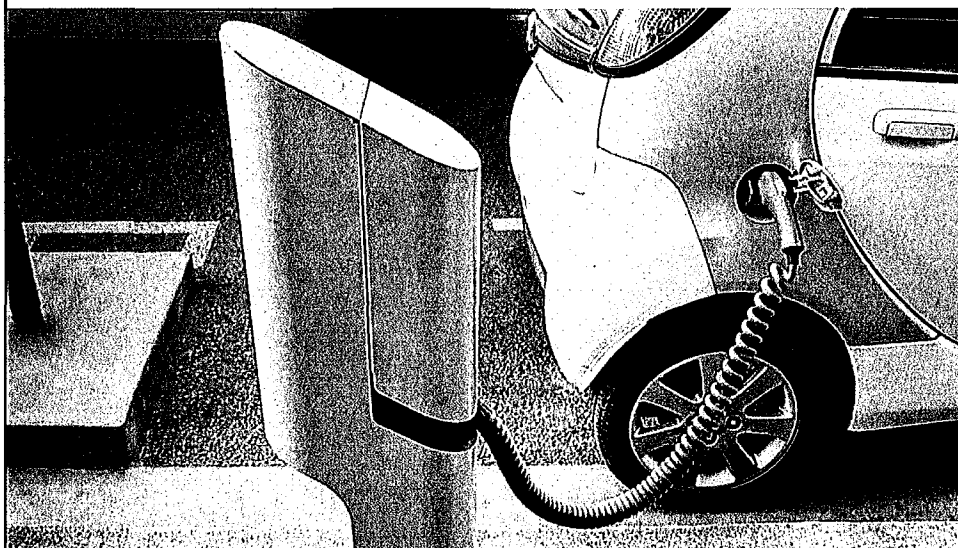
59

## Electric Vehicles as a Path to Equity

- **Ensure access to clean, lower-lifetime-cost vehicles for multifamily building residents**
- EVs → lower expenses and less pollution
- 220 new affordable units per year



The Building Code can promote equity  
and address demand.



## CALGreen vs. Staff Proposal

	Multifamily > 20 Spaces	Multifamily 11-20 Spaces	Nonresidential > 10 Spaces	Small Buildings 2-10 Spaces
<b>CALGreen</b>	>17 spaces: 3% PEV Ready		6% PEV Ready	None
<b>Proposed Local Code</b>	10% Full Circuit 90% PEV Ready	10% Full Circuit 10% PEV Ready	10% Full Circuit 10% PEV Ready	2 spaces Full Circuit

\* PEV Ready: Inaccessible conduit and electric capacity only  
 \* Full Circuit: Prewiring (i.e. everything but the charger)

## Cost Savings

Proposed ordinance will reduce lifetime costs to building owners, residents, and managers:

	New Construction	Retrofit	Savings
Surface, 2 spaces: PEV Readiness	\$800	\$5,400	\$4,600
Surface, 2 spaces: Full Circuits	\$1,300	\$6,300	\$5,000
Enclosed, 12 spaces: Readiness	\$500	\$1,000	\$500
Enclosed, 12 spaces: Full Circuits	\$1,400	\$1,900	\$500

59

COMMUNITY & ECONOMIC  
DEVELOPMENT CMTE<sub>3</sub>