Welcome!

Thank you for joining us.

Please visit the stations to provide your input:

- EV Charging Location Map
- EV Adoption
- ZEV Drivers
- Other Ideas

A brief presentation will begin at 6pm.

Table activities will be available throughout the evening.

Please locate the nearest exit in case of emergency.

Restrooms are located outside the room near the Security Desk. Sign in with the Security Guard for a restroom key.
Outline

• Background
• EV Strategy Overview
• Next Steps
Background

The City is committed to improving health and sustainability of the community through improved regional air quality and reduced GHG emissions that contribute to climate change.

General Plan Environmental Resources Goal 6.1

The City shall continue to collaborate with its State and regional partners to support rapid adoption of zero-emissions and low-emission vehicles, including standardizing infrastructure and regulations for public electric vehicle charging stations, streamlining the permit process for private electric vehicle charging stations (including home charging stations), developing guidelines and standards for dedicated and preferential parking for zero- and low-emissions vehicles (including charging stations for plug-in-electric vehicles, where necessary).

General Plan Mobility Policy 1.5.5
Background

- City Fleet Sustainability Policy
  - 30% alternative fuel goal
- EV Parking Program
- Sacramento Area PEV Collaborative
Current efforts

Why Sacramento leaders believe curbside vehicle chargers will be a game-changer
VW ZEV Investment

- $44 million secured for Green City initiative in Sacramento
- Electrify America, a subsidiary of VW, is leading the investment

Source: Electrify America (06/29/2017). Supplement to the California ZEV Investment Plan, Cycle 1.
Use BlueIndy. Change the way you commute.

UP TO 200 STATIONS

The city is all yours. With up to 200 stations planned in Indy, you can find an electric car wherever you need one. And if you need to travel north and south, or east to west, BlueIndy lets you follow your whims, whatever road they may take. The forts now, only you can decide where it will take you.

See the full map for more details
EV STRATEGY
Purpose

- Advance EVs and ZEVs in Sacramento
- Provides goals, targets, and actions
  - Initiation by 2020
  - Full implementation by 2025
Role of EVs

- Move more people in fewer, cleaner vehicles
Benefits of EVs

- Cleaner transportation
- Cheaper to operate and maintain

City of Sacramento 2005 GHG Emissions

- On-Road Transportation, 48%
- Residential Energy, 18%
- Commercial and Industrial Energy, 24%
- Waste, 6%
- Wastewater Treatment, 1%
- Industrial, <1%
- Municipal Operations, 2%
- Water Related, <1%
- Energy, 18%

~ 4.16 MMTCO₂E*
*MILLION METRIC TONS OF CARBON DIOXIDE EQUIVALENT

Access and barriers

EV Chargers in Disadvantaged and Low-Income Communities

Approx. 430 chargers and ~2,000 EVs
Vision

- Establish Sacramento as the ZEV “Green City” Capital of California, with a robust ZEV system that provides significant improvements in local air quality, mobility, and access
Framework

Topics:
1. Community charging and infrastructure
2. Electrify America Green City Initiative
3. Public Charging – City facilities
4. Fleets
5. Economic development and innovation
6. Other programs, partnerships, and engagement
## Example Performance Targets

<table>
<thead>
<tr>
<th>Metric</th>
<th>Current</th>
<th>Target</th>
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<tbody>
<tr>
<td>Public or workplace chargers by 2020 - L2s, DCFC, and high power</td>
<td>430</td>
<td>2,200</td>
</tr>
<tr>
<td>DCFC - subset of total chargers above</td>
<td>7</td>
<td>100</td>
</tr>
<tr>
<td>HHs with EVs</td>
<td>1.2%</td>
<td>10%</td>
</tr>
<tr>
<td>Annual City fleet light duty replacements to be ZEV</td>
<td>12%</td>
<td>50% by 2018</td>
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<tr>
<td></td>
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<td>75% by 2020</td>
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</tbody>
</table>
To achieve these targets...

- 7 years to implement
- 20,000 new EVs by 2025
- ~3,000 annual EV sales (11% of estimated annual car sales in Sacramento)
1. Community Charging and Infrastructure

- Support chargers expansion
- Foster new ZEV uses
- Public charging for those who need it most

2. Electrify America Green City Initiative

- Engage stakeholders
- Support implementation
- New ZEV opportunities
3. Public Charging – City Facilities

- Improve EV Parking Program
- Maximize benefits
- Obtain real-time EV charging data

Interactive EV Parking Map
www.cityofsacramento.org/ev
4. Fleets

- City Fleets:
  - 75% annual light duty purchases to be ZEV by 2020
  - Track and report cost-benefits
- Public and Private Fleets
  - Support local and regional partners
5. Economic Development and Innovation

- Economic center for alternative fuels
- Showcase mobility efforts
- Expand ZEV workforce
6. Other programs, partnerships, and engagement

- Increase ZEV access and mobility
- Spur access for disadvantaged and low-income communities
- Increase ZEV visibility
Next Steps

November 2: Planning Commission presentation

November 28: City Council hearing

Early 2018: Anticipated launch of priority efforts
Thank you

www.cityofsacramento.org/ev

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