



**CITY OF SANTA MONICA
REGULAR MEETING AGENDA OF THE
ELECTRIC VEHICLE SUBCOMMITTEE OF
THE TASK FORCE ON THE ENVIRONMENT**

**VIRGINIA AVENUE PARK
THE PATIO ROOM
2201 PICO BLVD
SANTA MONICA, CA 90405**

WEDNESDAY, MARCH 27, 2019

5:30PM-7:30PM

Call to Order

Roll Call

(Please note that Agenda Items may be reordered during the meeting at the discretion of the body.)

1. **Special Agenda Items**
2. **Reports of Staff/Members**
 - a. Staff update on Electric Vehicle Action Plan implementation (20 min)
 - b. Staff update on curbside charging site selection process (10 min)
 - c. Staff update on 2018 DMV EV registration data (10 min)
 - d. Staff update on head-in parking requirements at EV charging stations (10 min)
3. **Public Input:**

Public input is permitted only on items not on the agenda that are within the subject matter jurisdiction of the body. State law prohibits the body from taking any action on items not listed on the agenda, including issues raised under this agenda item. Presentations may be followed by clarifying questions, public comment, and discussion.
4. **Consent Calendar** - Approval of Minutes from January 16th meetings (3 min)
5. **New Business**
 - a. Discussion of DCFC RFP review process and nomination of one EV Subcommittee member to participate on the proposal Evaluation Committee (10 min)
 - b. Discussion and recommendation on resubmitting Beach Lot 5 South to the SCE Charge Ready Program for EV charger installation (15 min)
 - c. Discussion and recommendation regarding the waitlist system (15 min)

d. Selection of May EV Subcommittee Meeting date (5 min)

6. Future Agenda Items

- a. AltCar programming and outreach
- b. MUD Pilot Rebate Program debrief
- c. Future of mobility (e-mobility hubs, charging for TNCs)
- d. Residential pilot program for charging stations in the public right-of-way

Adjournment

STANDARDS OF BEHAVIOR THAT PROMOTE CIVILITY AT ALL PUBLIC MEETINGS:

- Treat everyone courteously;
- Listen to others respectfully;
- Exercise self-control;
- Give open-minded consideration to all viewpoints;
- Focus on the issues and avoid personalizing debate;
- Embrace respectful disagreement and dissent as democratic rights, inherent components of an inclusive public process, and tools for forging sound decisions

This agenda is available in alternate format upon request. The Virginia Avenue Park Patio Room is wheelchair accessible. If you require any special disability related accommodations (i.e. sign language interpreting, access to an amplified sound system, etc.), please contact Ariana Vito at the Office of Sustainability & the Environment at (310) 458-2294 at least 2 days prior to the scheduled meeting.

This agenda is subject to change up to 72 hours prior to a regular meeting. Please check the agenda prior to the meeting for changes.

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Attachment 1 - EV ACTION PLAN IMPLEMENTATION

PUBLIC INFRASTRUCTURE: Expand and modernize public EV infrastructure to improve user experience and sustain operations & growth.	Status (Complete, In Progress, Not Started)	Notes
a) Add new smart chargers to the network; retrofit legacy chargers with “smart” chargers.	In Progress/ Ongoing	<ul style="list-style-type: none"> • Developing electrical design and construction scope • Added ports: Main Library, Annenberg, Montana Ave, Lot 7, Lot 8, Pier, Solar Port, Structure 7
b) Develop a fee structure that covers operations and maintenance costs, encourages user turnover, and supports community EV programs.	In Progress	<ul style="list-style-type: none"> • Overstay Charge – July 2019 • User Fee – July 2020
c) Earn credit revenue by participating in the state Low Carbon Fuel Standard program.	In Progress	<ul style="list-style-type: none"> • First check to be received from ChargePoint in April
d) Add charging stations for City fleet vehicles.	Complete	<ul style="list-style-type: none"> • Installed 16 stations & 31 ports at Civic Center Parking Structure • 2 fleet-only and 3 shared fleet/public ports at Main Library • 2 ports at Water Resources
e) Explore innovative EV charging and storage technologies to integrate into EV charging network.	Ongoing	<ul style="list-style-type: none"> • E.g. Paired Power – solar, EV charging and soon, storage
f) Explore DC fast charging options where appropriate and feasible.	In Progress	<ul style="list-style-type: none"> • Pre-selected 7 locations • RFP to be released in April 2019
g) Develop guidelines and standards to support charging for a range of e-mobility options.	In Progress	<ul style="list-style-type: none"> • Complete for e-scooters • Explore e-hub concept for e-scooters, e-bikes and EV chargers

PRIVATE CHARGING: Increase EV Charging for MUDs and workplaces.	Status	Notes
a) Develop pilot rebate program for MUDs and workplaces; include additional funding for low-income residents.	Complete	<ul style="list-style-type: none"> Released fall 2018 Applying for additional funding for FY2019-2020
b) Identify qualified vendors/EV service providers to handle MUD and workplace charging in Santa Monica.	Not yet started	<ul style="list-style-type: none"> Some EVSE installers are captured in the Solar Santa Monica vendor list.
c) Streamline the EVSE permitting process and allow online permits for small-scale installations.	Complete	<ul style="list-style-type: none"> Guidelines updated January 2019, though this will be a continual process, as it still needs work.
d) Designate off-street and on-street locations for public charging infrastructure.	Complete	<ul style="list-style-type: none"> Majority of sites for phase 1 have been selected Site selection underway for phase 2
e) Implement a pilot a program to provide EV charging through streetlights.	Not feasible under current utility rate structure	<ul style="list-style-type: none"> Discussing changes with CPUC
f) Partner with priority destination sites to install EV charging.	In Progress	<ul style="list-style-type: none"> Connect third-party service providers with eligible sites – e.g. Boston Properties Sites to target: churches, SMMUSD, Retail centers

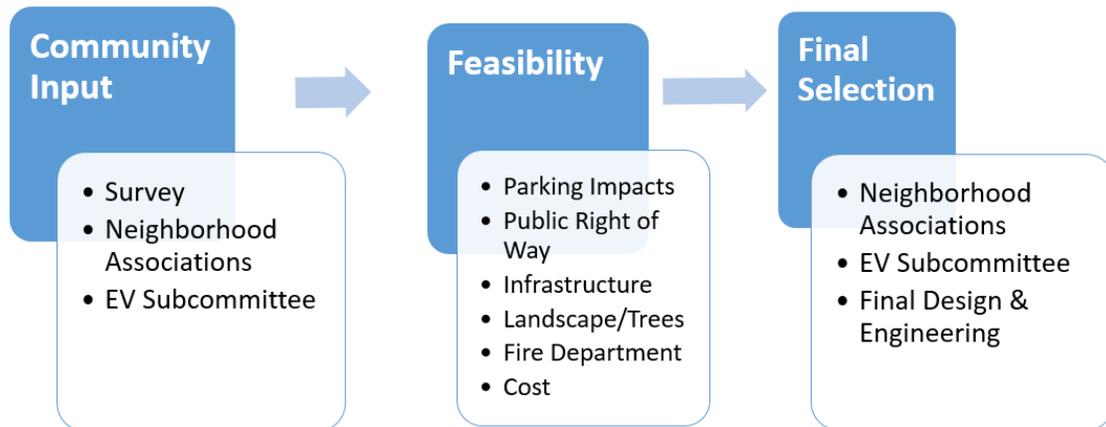
PUBLIC POLICY: Update parking policies and practices for efficient charging station use.	Status	Notes
a) Modify City Ordinance to allow for on-street EV charging.	In Progress	<ul style="list-style-type: none"> Tentative Council date – Fall 2019
b) Update zoning ordinance requirements to increase the parking spaces available for EV charging.	In Progress	<ul style="list-style-type: none"> 2020 Building Code Cycle Update

c) Review and update parking policies and signage.	Complete	<ul style="list-style-type: none"> Replaced outdated signage
d) Explore a program to adjust nighttime parking rates or provide resident charging permits for overnight charging at public facilities.	Complete	<ul style="list-style-type: none"> 10/2018 - Modified SMMC 4.55.020 was amended to allow EV charging overnight while parks are closed (between 11pm-6am) to provide additional charging options for EV drivers without home chargers.
e) Expand use of EVs in carshare and rideshare services.	In Progress (private sector)	<ul style="list-style-type: none"> Occurring in the private sector for TNCs – Uber and Lyft are piloting ways to incentivize EVs among drivers
f) Expand the fleet sharing system for all city departments and divisions located at the Civic Center.	Complete	<ul style="list-style-type: none"> All departments use new rooftop fleet chargers
g) Rent-control ordinance	Complete	<ul style="list-style-type: none"> AB 1796 took effect Jan. 2018 – removed rent-control exemption

COMMUNITY OUTREACH: Develop EV outreach programs and resources for residents and businesses.	Status	Notes
a) Create a webpage with available EV resources, programs, and technologies.	In Progress	<ul style="list-style-type: none"> Full city web upgrade taking place end of 2019
b) Develop an outreach program for EV charging similar to the Solar Santa Monica program called EV Santa Monica.	Not yet started	<ul style="list-style-type: none"> Some outreach from partner organizations – Sustainable Works, CASM Solar/EV Brunch
c) Develop outreach targeted to low-income residents.	In Progress	<ul style="list-style-type: none"> In progress for AltCar
d) Encourage access to EV car sharing for MUD residents and a program for low-income individuals.	In Progress	<ul style="list-style-type: none"> Participating in USDN Peer Learning Exchange grant application with 7 cities to learn from existing programs (e.g. BlueLA) and discuss feasibility
e) Designate an Electric Vehicle Program Coordinator position to manage all responsibilities related to EVSE	Complete	<ul style="list-style-type: none"> Ariana Vito, Office of Sustainability & the Environment

coordination and implementation.		
f) Establish an EV Working Group to provide direction and oversight of the implementation of the EV Action Plan.	Complete	<ul style="list-style-type: none"> Established May 2018 (EV Subcommittee; under purview of the Task Force on the Environment)
g) Conduct regional coordination related to EV charging and funding opportunities.	In Progress	<ul style="list-style-type: none"> Participant of LA County EV Blueprint Grant Program USDN Peer Learning Exchange participant

Attachment 2 – Curbside Charging Selection Process



Attachment 3 – 2018 EV Registration Data

Total registered EVs in Santa Monica as of December 2018 = 2,667

2018

	BEV	PHEV	Total
Government	134	5	139
Personal	1122	1124	2246
Commercial	204	78	282
Total	1460	1207	2667

2016

BEV	PHEV	Total
708	602	1310

By Zip Code

90401	286
90402	628
90403	581
90404	432
90405	739

Most Prevalent EV Makes in SM

Make	Fuel Type	Total
Audi	PHEV	128
BMW	PHEV	289
BMW	BEV	51
Chevy Bolt	BEV	120
Chevy Volt	PHEV	312
Hyundai	BEV	62

Tesla	BEV	658
Nissan	BEV	108
Toyota	PHEV	246
VW	BEV	63
Total		2,037

Tesla makes up 25% of EVs in SM

2018 EV Registrations

