



**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 5:35PM

Roll Call

Members: Judy Abdo (Vice Chair), Paul Scott, Erik Neandross, Kielo Stevenson

Absent: Niten Kapadia

Staff: Ariana Vito, Yuval Pearl

Public: Nuri Alprin, Paul Rosenstein

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

1. **Special Agenda Items - None**

2. **Reports of Staff/Members**

a. Staff update on Electric Vehicle Action Plan implementation (15 min)

Ariana provided an update on implementation of EV Action Plan including: a) ports added to date (16 public, 33 fleet, 3 public) and b) current and forthcoming contracts with ChargePoint and Willdan respectively.

Policy updates were given regarding overnight EV charging in parks. Staff noted an increase in overnight parking since policy adoption and listed no problems.

Policy updates were given regarding free parking at meters for Clean Air Vehicles – Council amended SMMC 3.16.120. Amendment allows vehicles with expired CAV decals to continue to park for free at parking meters through the duration of the CAV program (sunsetting at 2025).

Staff provided updates regarding pending policy updates including:

EV Overstay Charge – recommendation by finance City staff to include in budget proposal in June 2019 with the intention of implementing the policy at the start of the next fiscal year – July 2019.

- Judy asked if signage will change prior to adoption. Staff agreed that prior notice will be given and will inquire about signage.

EV User Fee – Staff updated the Subcommittee regarding the implementation of a \$/kWh fee to recover operating costs. Staff plans to propose user fee for FY20-21.

- Nuri asked if it makes sense to uniform the system with nonEV cars, paying for parking through the meter rather than a \$/kWh structure.

EV Readiness Requirements for New Construction – Staff updated the Subcommittee regarding the implementation of the 2020 Building Code Update Cycle at new construction for commercial and multi-family residential buildings. The update cycle to include:

- Commercial – require 20% of all parking spaces to be EV-ready
- Multi-family Residential – require 1 EV-ready space per unit where parking is required
- Panel upgrades – require additional capacity for EV chargers during panel upgrades
- Kielo commented that she would like to see a clear path of how to retrofit existing buildings, not only new construction, to be EV ready, including panel upgrades. Kielo commented about the long and complex process of retrofitting her building, working with Southern California Edison has been difficult and working with the City has been difficult.
- Nuri commented that he has experienced similar frustration.
- Kielo and other Subcommittee members began conversation asking if the City is prepared to handle the increase of EVs within the City's building stock.
- Paul Scott commented about load sharing technology.
- Kielo commented that about future of decarbonization from buildings and wondered if City staff is ready to handle this issue.

Staff Program Updates:

MUD EV Charger Rebate Program – \$15k Pilot offering \$3.5k to residents to install and purchase residential chargers. Staff updated that 3 out of 5 projects completed. Staff updated \$30k request in additional funding for FY19-20 to expand program.

Exploring low income EV Car share – Staff updated about participation in USDN Peer Learning Exchange grant application with 7 cities to learn from existing programs and discuss feasibility

- b. Staff update on curbside charging site selection process (10 min)

Staff described two phases for curbside installation process. Staff described heat map for location of installation based off of residential survey.

Curbside Charging – Phase 1 Will Include:

- Wilmont 8 sites, 8-12 DP Stations
- Ocean Park 8 sites, 8 DP Stations
- Mid-City 2-4 sites, 4-6 DP Stations

Total Curbside Ports ~70. Total Phase 1 Ports ~85-109.

Staff described the three step Curbside Charging Selection Process

- 1) Community Input (through survey, neighborhood associations, EV subcommittee)
- 2) Feasibility of Site (parking impacts, public right of way, infrastructure, landscape/trees, fire department codes, costs)
- 3) Final Selection of Site (neighborhood associations, EV subcommittee, Final design and engineering, community notices)

c. Staff update on 2018 DMV EV registration data (10 min)

Ariana presented comparisons from 2016 DMV Data with 2018 DMV Data.

- 2018 Total BEV and PHEV registration: 2,667 (Government – 139, Personal – 2246, Commercial – 282)
- 2016 Total BEV and PHEV registration: 1,310

Staff also described most common EV model registration in Santa Monica and showed map of where EVs are registered in all Santa Monica zip codes.

Nuri asked if there is data regarding how often do PHEV use the EV charging. Staff commented that there is no way for the City to find this data, but Charge Point may have this information as they ask for make and model upon.

d. Staff update on head-in parking requirements at EV charging stations (10 min)

Staff updated the subcommittee regarding head-in parking at Lot 7. Some EV drivers noted that head-in parking would prevent them from charging, but if they backed in they would receive a ticket.

Staff followed up with parking about adding signage near EV chargers to prevent tickets.

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.

No issues were raised.

4. **Consent Calendar** - Approval of Minutes from January 16th meetings (3 min)

Motion: Kielo Stevenson

Seconded: Paul Scott.

Unanimous Approval of January 16th meeting minutes.

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)

Staff gave update regarding RFP Review Process. RFP released week of April 8th. Staff updated Subcommittee of Evaluation Committee Review: May 13-31

Action: Staff requested that one EV Subcommittee member to participate in evaluation committee.

– Paul Scott agreed to be the Evaluator.

Motion to have Paul Scott as evaluator: Erik Neandros

Seconded: Judy Abdo

Unanimous Approval

- b. Discussion and recommendation on resubmitting Beach Lot 5 South to the SCE Charge Ready Program for EV charger installation (15 min)

Staff describes the Beach Lot 5 South Charge Ready proposal, explaining that there is no additional space in the City that could take advantage of this program.

Staff proposed including 22 Spaces along Barnard Way + 2 ADA spaces = 24 Spaces. Staff described the low-cost opportunity to add a large number of chargers for both residents, local visitors, and tourists in Ocean Park. Staff noted that Southern California Edison covers 100% of installation costs and 25-50% of equipment costs. Estimated costs to City with 25% rebate = ~40k

- Judy and Paul noted that there used to be dissatisfaction with this program from the Subcommittee before to the adoption of the EV Action Plan. Before adoption

there was limited parking options for EV owners and Beach Lot 5 serves as a tourist attraction for non-Santa Monica residents.

- Judy and Paul agreed that following the adoption of the EV Action Plan and the continued push for public EV chargers throughout Santa Monica neighborhoods they see no reason not to proceed with this program.
- Erik noted that 24 spaces does not meet the 20% requirement of the 2020 building codes and wondered if the direction of the City is to include further EV readiness why there should not be an increase from 24 spaces.
- Nuri noted that especially during the summer the spaces would be highly coveted.

Ariana noted that there are currently 0 chargers in beach lots (except 2 at Annenberg Beach House) and proposed further use by the local Santa Monica community noting the 641 overnight resident beach parking permits. With adoption of program staff will examine the possibility of overnight parking at beach lot.

- Kielo noted that for the city to champion EV charging and cars this would be a successful marketing campaign at a highly visible lot.
- Judy asked if there is a possibility of raising the bar to enter the parking lot and further asked about the parking system at the lot regarding overnight residential beach parking.

Erik Neandros motioned to resubmit the proposal:

Seconded: Paul Scott

Unanimous approval.

c. Discussion and recommendation regarding the waitlist system (15 min)

Staff updated regarding Virginia Avenue Park Waitlist System. Staff noted that there is 10% more charging session on Pico side (no waitlist) than Virginia Ave side (waitlist).

Staff raised issue of waitlist system can't be deactivated during the night to accommodate longer sessions. Staff raised issue of the waitlist – not knowing what spot you are on the waitlist. Subcommittee expressed annoyance with this system.

Staff and subcommittee agreed to leave this system as is at Virginia Avenue Park.

Subcommittee agreed and urged not to increase waitlist system to other locations.

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

Staff recommended a new meeting time as the third Wednesday of every month often coincided with other events.

Subcommittee Decided next meeting - May 15th beginning at 5:30PM Moved to Annex Room.

6. Future Agenda Items

- a. AltCar programming and outreach
- b. Local EV incentives for TNC drivers
- c. MUD Pilot Rebate Program debrief
- d. Future of mobility (e-mobility hubs, charging for TNCs)
- e. Residential pilot program for charging stations in the public right-of-way
- f. Kielo - How are other Cities are incentivizing SM residents to buy Evs.
- g. Judy - Update on Civic Center at next meeting

Adjournment 7:23PM

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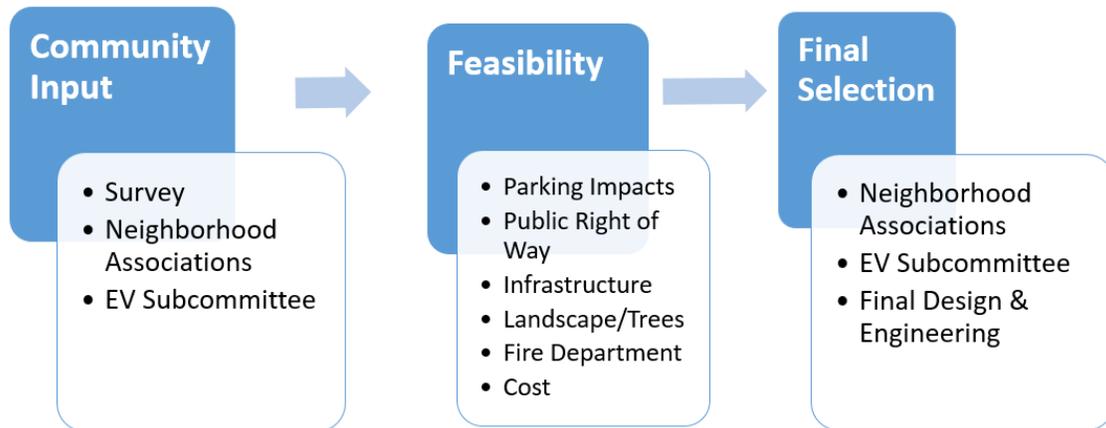
- Treat everyone courteously;
- Listen to others respectfully;
- Exercise self-control;
- Give open-minded consideration to all viewpoints;
- Focus on the issues and avoid personalizing debate;
- Embrace respectful disagreement and dissent as democratic rights, inherent components of an inclusive public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

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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
<i>Tesla</i>	<i>BEV</i>	<i>658</i>
Nissan	BEV	108
Toyota	PHEV	246
VW	BEV	63
Total		2,037

Tesla makes up 25% of EVs in SM

2018 EV Registrations

