

File No. 210198

Committee Item No. 7

Board Item No. _____

COMMITTEE/BOARD OF SUPERVISORS

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Committee: Government Audit and Oversight

Date: May 5, 2022

Board of Supervisors Meeting:

Date: _____

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- Budget and Legislative Analyst Report
- Youth Commission Report
- Introduction Form
- Department/Agency Cover Letter and/or Report
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OTHER

- D7 Letter of Inquiry – February 23, 2021
- FYI Referral – March 01, 2021
- Airport E-mail – March 05, 2021
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- _____

Prepared by: Jessica Perkinson

Date: April 29, 2022

Prepared by: _____

Date: _____

Prepared by: _____

Date: _____

Member, Board of Supervisors
District 7



City and County of San Francisco

MYRNA MELGAR

February 23, 2021

Dear Director Raphael, Director Satero, Acting General Manager Carlin, Chief Scott, Interim Director O’Riordan, Director Forbes, Administrator Chu, Director Penick:

I am writing you today to better understand the city’s progress to date on replacing our vehicle fleet to electric vehicles. I would like an update from each department named in this inquiry. While the climate crisis’ impact accelerates, as a city we must recommit ourselves to meeting our environmental goals. The only way to expect societal change is to start with ourselves. Climate resilience can be combated in multitudes of ways, one being the electrification of our fleet. As such, it is important that we understand the metrics, our constraints and challenges, and where we need to go from here.

I am formally requesting data on the following:

- How many gasoline powered vehicles have been replaced by electric in your department?
- When would you expect to have an all-electric fleet at the rate you are going?
- What are the expected projections for the next four years in your department towards electrifying your City fleet?
- How is each department doing with charging stations?
- What is the number of facilities that each department has and the capacity for Electric Vehicles, as well as, charging stations?
- Do the facilities and charging stations meet the demand for current and projected electric vehicles?

In addition to this letter, I have called for a hearing at the Board of Supervisors to review and discuss your responses publicly.

I look forward to hearing your responses by Friday, March 12, 2021. If you have any questions about the scope of this request, please contact me at Myrna.Melgar@sfgov.org or my staff at 415.554.6516.

Thank you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Myrna Melgar".

Myrna Melgar
Supervisor, District 7
San Francisco Board of Supervisors

From: [Erin Cooke \(AIR\)](#)
To: [Carroll, John \(BOS\)](#)
Cc: [Cathy Widener \(AIR\)](#); [Dyanna Quizon \(AIR\)](#); [Leroy Sisneros \(AIR\)](#); [NIIRO, NICHOLAS \(CAT\)](#); [John Copello \(AIR\)](#); [Ivar Satero \(AIR\)](#)
Subject: Re: REFERRAL FY1 - BOS File No. 210198 - Hearing - Status of the City's Electric Vehicle Fleet and Current Infrastructure Plans to Charge Future Fleet
Date: Friday, March 5, 2021 9:15:01 PM
Attachments: [image001.png](#)
[image002.png](#)

Good evening – the following was compiled by SFO’s Sustainability Director and Fleet Manager (contact info below). Please let us know if you have questions –



Erin Cooke

Director, Sustainability + Environmental Policy
San Francisco International Airport | P.O. Box 8097 | San Francisco, CA 94128
Tel 650-821-5065 | flysfo.com
Cell 610-781-0503

[Facebook](#) | [Twitter](#) | [YouTube](#) | [Instagram](#) | [LinkedIn](#)

John Copello

Airport Fleet Manager
San Francisco International Airport | P.O. Box 8097 | San Francisco, CA 94128
Tel 650-821-5421 Cell 650-534-8892 | john.copello@flysfo.com

The request includes answers to the following questions by **Friday, March 12:**

- How many gasoline powered vehicles have been replaced by electric in your department?
 - Between 2002-2013 there were 32 Electric vehicles added to the fleet.
 - As of 2017 the EV fleet built up between 2002 thru 2013 was down to 4 vehicles, most retired early due to availability of parts.
 - 2018 first ZEV addition to fleet since 2013, 2 Chevy Bolt EV's.
 - 2019 10 Bolt EV's added to fleet.
 - 2020 last EV vehicles acquired between 2002-2013 retired, 9 Chevy Bolt EV's, 2 Toyota Mirai FCEV and 3 Go-4 Electrics added to fleet.
 - 2021 After all budget constraints still able to get 5 Chevy Bolt EV's and 2 Toyota Mirai FCEV's on order for FY21.
 - As of 3/5/21 ZEV fleet consists of 26 vehicles.
Most of the EV vehicles retired early were not replaced. The current group of 26 ZEV vehicles have replaced 4 electric vehicles, 6 CNG vehicles, 6 Hybrid vehicles, and 10 Conventional gasoline vehicles.
- When would you expect to have an all-electric fleet at the rate you are going?
Passenger vehicles are being replaced by ZEV vehicles; goal is to be 100% ZEV by 2023
All pursuit vehicles are being replaced by Hybrid vehicles
- What are the expected projections for the next four years in your department towards electrifying your City

fleet? See above.

- How is each department doing with charging stations?

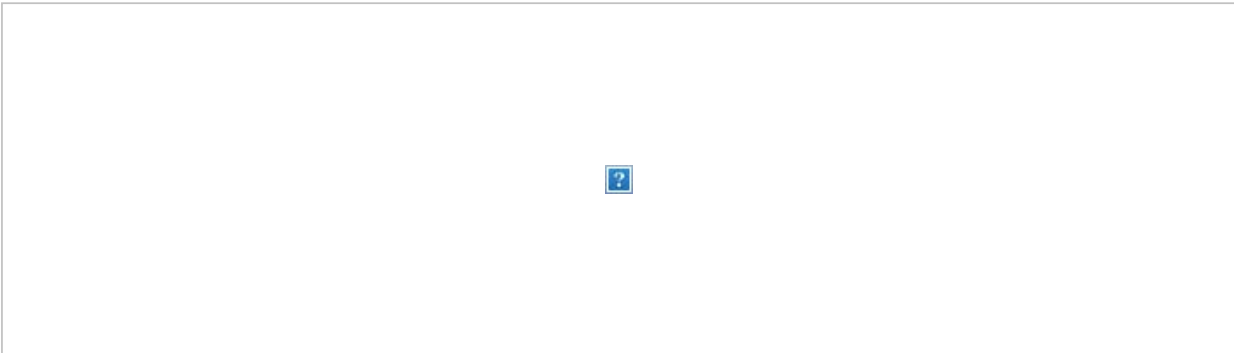
Existing ZEV infrastructure includes 306 EV charging ports to serve landside end users, 256 charging ports for electric ground support equipment (eGSE), and arrival of SFO first electric shuttle bus fleet vehicles.

- What is the number of facilities that each department has and the capacity for Electric Vehicles, as well as, charging stations?

Although SFO has made progress with transportation electrification, baselining conducted through the development of SFO's Zero Emissions Vehicle Readiness (ZEV) Study – due to be published by June 2021 - determined that it is behind with respect to regional adoption rates and citywide requirements, so more aggressive targets are needed. Our airport stakeholders also agreed on a short-term **target of installing EV charging in at least 10 percent of SFO-owned parking stalls by 2023-5**, as outlined in CCSF's 2019 Commercial Garage Ordinance^[1] for EV charging. These projects will advance within and alongside capital programs as SFO recovers from the current economic crisis and has access to adequate revenues to support this investment. In the interim, SFO's ZEV Readiness Steering Committee is prioritizing ZEV enabling work such as the adoption of technical standards, deployment of a load management pilot and advancement of reliable electric distribution infrastructure.

- Do the facilities and charging stations meet the demand for current and projected electric vehicles?

As noted above, SFO's ZEV Study forecasts and is programming infrastructure to make-ready our campus to support additional EVs on both the landside (including passenger vehicles, employee vehicles and airport fleet vehicles) and airside (ground support equipment). Landside targets are shown below.



From: Carroll, John (BOS) <john.carroll@sfgov.org>

Sent: Monday, March 1, 2021 3:14 PM

To: Raphael, Deborah (ENV) <deborah.raaphael@sfgov.org>; Ivar Satero (AIR) <Ivar.Satero@flysfo.com>; Carlin, Michael (PUC) <mcarlin@sfwater.org>; Scott, William (POL) <william.scott@sfgov.org>; O'Riordan, Patrick (DBI) <patrick.oriordan@sfgov.org>; Forbes, Elaine (PRT) <elaine.forbes@sfgov.org>; Chu, Carmen (ADM) <carmen.chu@sfgov.org>; Penick, Andrico <andrico.penick@sfgov.org>

Cc: Kilgore, Preston (BOS) <preston.kilgore@sfgov.org>; Low, Jen (BOS) <jen.low@sfgov.org>; Gallotta, Peter (PUC) <PGallotta@sfwater.org>; Sheehan, Charles (ENV) <charles.sheehan@sfgov.org>; Cathy Widener (AIR) <Cathy.Widener@flysfo.com>; Ellis, Juliet (PUC) <jellis@sfwater.org>; Scarpulla, John (PUC) <JScarpulla@sfwater.org>; Carr, Rowena (POL) <Rowena.Carr@sfgov.org>; Gamero, Lili (POL) <lili.gamero@sfgov.org>; Oliva-Aroche, Diana (POL) <diana.oliva-aroch@sfgov.org>; Lee, Patty (DBI) <patty.lee@sfgov.org>; Murray, John (DBI) <john.patrick.murray@sfgov.org>; Delepine, Boris (PRT)

<boris.delepine@sfpport.com>; Quetone, Tal (ADM) <tal.quetone@sfgov.org>; Leu, Lihmeei (ADM) <lihmeei.leu@sfgov.org>

Subject: REFERRAL FYI - BOS File No. 210198 - Hearing - Status of the City's Electric Vehicle Fleet and Current Infrastructure Plans to Charge Future Fleet

Greetings:

This matter is being forwarded to your department for informational purposes. If you have any comments or reports to be included with the file, please forward them to me at the Office of the Clerk of the Board, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

[Introduction Referral Memo – March 1, 2021](#)

I invite you to review the entire matter on our [Legislative Research Center](#) by following the link below:

[Board of Supervisors File No. 210198](#)

Thanks for the review.

John Carroll
Assistant Clerk

Board of Supervisors
San Francisco City Hall, Room 244
San Francisco, CA 94102
(415) 554-4445

(VIRTUAL APPOINTMENTS) To schedule a virtual meeting with me (on Microsoft Teams), please ask and I can answer your questions in real time.

Due to the current COVID-19 health emergency and the Shelter in Place Order, the Office of the Clerk of the Board is working remotely while providing complete access to the legislative process and our services.



Click [here](#) to complete a Board of Supervisors Customer Service Satisfaction form.

The [Legislative Research Center](#) provides 24-hour access to Board of Supervisors legislation and archived matters since August 1998.

Disclosures: *Personal information that is provided in communications to the Board of Supervisors is subject to disclosure under the California Public Records Act and the San Francisco Sunshine Ordinance. Personal information provided will not be redacted. Members of the public are not required to provide personal identifying information when they communicate with the Board of Supervisors and its committees. All written or oral communications that members of the public submit to the Clerk's Office regarding pending legislation or hearings will be made available to all members of the public for inspection and copying. The Clerk's Office does not redact any information from these submissions. This means that personal information—including names, phone numbers, addresses and similar information that a member of the public elects to submit to the Board and its committees—may appear on the Board of Supervisors website or in other public documents that members of the public may inspect or copy.*

[1] Ordinance No. 244-19, Electric Vehicle Charging in Commercial Parking, amending the Environment Code and Police Code of the City and County of San Francisco, effective 12/02/2019: <https://sfbos.org/sites/default/files/o0244-19.pdf>

BOARD of SUPERVISORS



City Hall
1 Dr. Carlton B. Goodlett Place, Room 244
San Francisco 94102-4689
Tel. No. (415) 554-5184
Fax No. (415) 554-5163
TDD/TTY No. (415) 554-5227

MEMORANDUM

TO: Deborah Raphael, Director, Department of the Environment
Ivar C. Satero, Airport Director, San Francisco International Airport
Michael Carlin, Acting General Manager, Public Utilities Commission
William Scott, Police Chief
Patrick O'Riordan, Interim Director, Department of Building Inspection
Elaine Forbes, Executive Director, Port of San Francisco
Carmen Chu, City Administrator
Andrico Penick, Director, Real Estate Division

FROM: John Carroll, Assistant Clerk, Government Audit and Oversight Committee, Board of Supervisors

DATE: March 1, 2021

SUBJECT: LEGISLATION INTRODUCED

The Board of Supervisors' Government Audit and Oversight Committee has received the following hearing request, introduced by Supervisor Melgar on February 23, 2021:

File No. 210198

Hearing on the City's electric vehicle fleet, to determine when it would be expected to have an all-electric fleet at the current rate, and what are the departments' expected projections for the next four years towards electrifying their City fleet, and the status of each department's charging stations; and requesting the Department of Environment, San Francisco Airport, Public Utilities Commission, Police Department, Department of Building Inspection, Port, City Administrator's Office, and Real Estate Division to report.

If you have any comments or reports to be included with the file, please forward them to me at the Board of Supervisors, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

c: Offices of Chair Preston and Supervisor Melgar
Peter Gallotta, Department of the Environment
Charles Sheehan, Department of the Environment
Cathy Widener, Airport
Juliet Ellis, Public Utilities Commission
John Scarpulla, Public Utilities Commission
Rowena Carr, Police Department
Lili Gamero, Police Department
Diana Oliva-Aroche, Police Department
Patty Lee, Department of Building Inspection
John Murray, Department of Building Inspection
Boris Delepine, Post of San Francisco
Tal Quetone, Office of the City Administrator
Lihmeei Leu, Office of the City Administrator

Member, Board of Supervisors
District 7



City and County of San Francisco

MYRNA MELGAR

February 23, 2021

Dear Madam Clerk Calvillo,

Pursuant to the unlimited power of inquiry assigned to the Board of Supervisors in the San Francisco City Charter and applicable provisions of the San Francisco Sunshine Ordinance, I hereby request the Office of the Clerk of the Board to submit a formal letter of inquiry on behalf of my office to obtain the following information from the Director Raphael, Director Satero, Acting General Manager Carlin, Chief Scott, Interim Director O'Riordan, Director Forbes, Administrator Chu, Director Penick. The content of the letter is attached.

Thank you for your assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Myrna Melgar".

Myrna Melgar
Supervisor, District 7
San Francisco Board of Supervisors

Introduction Form

By a Member of the Board of Supervisors or Mayor

Time stamp
or meeting date

I hereby submit the following item for introduction (select only one):

- 1. For reference to Committee. (An Ordinance, Resolution, Motion or Charter Amendment).
- 2. Request for next printed agenda Without Reference to Committee.
- 3. Request for hearing on a subject matter at Committee.
- 4. Request for letter beginning : "Supervisor inquiries"
- 5. City Attorney Request.
- 6. Call File No. from Committee.
- 7. Budget Analyst request (attached written motion).
- 8. Substitute Legislation File No.
- 9. Reactivate File No.
- 10. Topic submitted for Mayoral Appearance before the BOS on

Please check the appropriate boxes. The proposed legislation should be forwarded to the following:

- Small Business Commission
- Youth Commission
- Ethics Commission
- Planning Commission
- Building Inspection Commission

Note: For the Imperative Agenda (a resolution not on the printed agenda), use the Imperative Form.

Sponsor(s):

Subject:

The text is listed:

Signature of Sponsoring Supervisor: