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January 13, 2023

BPC #23-011

The Honorable City Council
City of Los Angeles, Room 395
c/o City Clerk's Office
Los Angeles, CA 90012

Dear Honorable Members:

RE: RESPONSE TO CITY COUNCIL FILE NO. 21-0890, ELECTRIC VEHICLE PLAN.

At the regular meeting of the Board of Police Commissioners held Tuesday, January 10, 2023 the Board APPROVED the Department's report relative to the above matter.

Respectfully,

BOARD OF POLICE COMMISSIONERS

A handwritten signature in blue ink that reads "Rebecca Muñoz".

REBECCA MUÑOZ
Commission Executive Assistant

Attachment

c: Chief of Police

INTRADEPARTMENTAL CORRESPONDENCE

23-01
RECEIVED
RICHARD M. TEFANK
EXECUTIVE DIRECTOR
DATE 1/4/23

January 4, 2023
1.3

JAN 04 2023
POLICE COMMISSION

TO: The Honorable Board of Police Commissioners

FROM: Chief of Police

SUBJECT: LOS ANGELES POLICE DEPARTMENT'S RESPONSE TO LOS ANGELES CITY COUNCIL (CITY COUNCIL FILE NO. 21-0890)

RECOMMENDED ACTION

1. That the Board of Police Commissioners (Board) REVIEW and APPROVE the Los Angeles Police Department's (LAPD) response to the City Council.
2. That the Board TRANSMIT to the Los Angeles City Council the attached response.

DISCUSSION

On September 15, 2022, the Energy, Climate Change, Environmental Justice, and River Committee considered the September 13, 2022, Bureau of Street Services and the Los Angeles Department of Water and Power reports relative to the Electric Vehicle Master Plan. The Committee directed the LAPD to report back on the following:

- 1) INSTRUCT the Los Angeles Police Department, with the assistance of the Department of Recreation and Parks, Bureau of Street Services and Department of Transportation, to review proposed Municipal Improvement Corporation of Los Angeles vehicle purchases scheduled within the Fiscal Year 2022-23 budget, and identify fossil fuel vehicles that should instead be electric and carbon free.

This report addresses the City Council's matter. If you have any questions, please contact the Office of Support Services at (213) 486-8410.

Respectfully,


MICHEL R. MOORE
Chief of Police

Attachment

BOARD OF
POLICE COMMISSIONERS
Approved January 10, 2023
Secretary Rebecca Munoz

FACT SHEET
ELECTRIC VEHICLE MASTER PLAN
January 4, 2023

Background

Motor Transport Division (MTD) has been requested to review the proposed Municipal Improvement Corporation of Los Angeles (MICLA) vehicle purchases scheduled within the Fiscal Year 2022-23 budget and identify fossil fuel vehicles that should instead be electric or carbon free.

Discussion

Motor Transport Division has reviewed the Fiscal Year 2022-23 budget regarding MICLA funded vehicle purchases. The vehicles identified as being funded with MICLA funding are 74 Dual Purpose Emergency vehicles, two special purpose vehicles, one class-8 tractor, and one passenger bus to transport large numbers of Department personnel or arrestees, 48 undercover vehicles, and a replacement for the Bomb Squad's Total Containment Vessel. These types of vehicles are not consistent with the electric vehicle purchase plan that MTD and the Department submitted for the Fiscal Year 2022-23 budget. In the event of a catastrophic and/or major event, the majority of the Department's fleet is designed to be utilized as emergency response vehicles.

Motor Transport Division had detailed a Battery Electric Vehicle (BEV) purchase plan for Fiscal Year 2022-23 to purchase 100 BMW i3 vehicles upon their lease expiration. These 100 BMW i3 vehicles have been purchased with the allocated Fiscal Year 2022-23 General Funds that were provided. Fiscal Year 2022-23 General Funds had also been allocated to purchase 10 Ford Mustang Mach-E BEVs. However, due to the current economic environment and price increases for the vehicles, only eight Ford Mustang Mach-E BEVs can be purchased with the Fiscal Year 2022-23 allocated funding.

Motor Transport Division and Facilities Management Division (FMD) submitted a Fact Sheet dated January 31, 2022, that was submitted by the Board of Police Commissioners to the Honorable Information, Technology and General Services Committee regarding the response to implementing the zero-emission first fleet, City Council File No. 21-0680 (BPC No. 22-031).

To date, the one component to sustain the Department's BEV fleet operations that has not been resolved is an automated backup electrical power supply. The backup supply would either be a backup diesel generator or other electrical power source for each site capable of sustaining continuous Department operations for an extended period of time to fully power the recharging requirements of the Department's BEV fleet. This system should emulate the existing backup power system at each Department facility used to distribute petroleum fuel for Department vehicle operations and sustain Department facility operations.

Recommendations

As the Department moves toward the goal of a 100 percent zero-emissions fleet to meet the Mayor's zero-carbon emissions goal, it will be essential that power always be available to charge the Department's BEV emergency response vehicle fleet, as well as provide power to our facilities through emergency systems during any interruption to the electrical power grid. In addition, we recommend automatic backup generators be installed and available during a power crisis to ensure the Department has a continuity of operations for emergency response.

The community expects the Department to respond to calls for service for any crisis that requires police service. During times of crisis, the Department's emergency response vehicles are expected to perform under extreme conditions with limited resource support. At this time, the existing City, County, and State disaster planning and resources are designed to support petroleum-powered vehicles. The State of California has expressed serious concerns about the current condition of the State's electrical distribution power grid and its inability to accommodate additional power loads during peak times, especially during the heat of summer. The California Public Utilities Commission campaign to "flex our power, save our power" demonstrated that if electrical consumption was not reduced through advertised Flex Alerts, the strain on the State's energy resources could result in power outages.

The Department's BEV fleet operations will require the ability to charge at any time, without any constraints, especially during a large-scale emergency or unusual occurrence. Prior to a Department commitment to expand to a fully electric emergency response vehicle platform, the installation of backup systems to power a BEV fleet would have to be installed to ensure continuity of operations and public safety response. In addition, substantial increases in the number of BEV chargers at Department facilities would also be required. The following areas are required for a Department commitment to transition to a zero-emissions fleet:

- A regional assessment of City and Department facilities to include their current electrical capacity;
- Develop a plan with the Department of Water and Power for future infrastructure requirements needed to meet the City's goal of a zero-emissions fleet;
- A reliable local and regional power grid;
- Enhanced and stabilized electric generation to sustain the increasing demands on the power grid;
- BEV charging equipment installed and widely available at both Department facilities and surrounding agencies for mutual aid events;
- Emergency power systems in place to support Department charging operations; and,
- Regional coordination to ensure interoperability and compatibility of the supporting charging infrastructures.

Motor Transport Division recommends continued use of BEV for administrative transportation and the expansion of the Hybrid vehicle fleet for emergency response vehicles. The gasoline, diesel, and hybrid vehicles currently meet the Department's operational needs and are supported by the existing State and local emergency and disaster response plans and infrastructure. Continued collaboration with vehicle manufacturers and testing of new BEV vehicles, as they become available, is also recommended to evaluate their potential deployment within Department operations.

Prepared by:
Administrative Services Bureau
Motor Transport Division

ENERGY, CLIMATE CHANGE, ENVIRONMENTAL JUSTICE, AND RIVER COMMITTEE REPORT relative to various presentations from appropriate City departments regarding the Electric Vehicle (EV) Master Plan.

Recommendations for Council action:

1. NOTE and FILE the September 13, 2022 Bureau of Street Services (BSS), and Los Angeles Department of Water and Power (LADWP) reports; and, the September 8, 2022 General Services Department (GSD), and September 9, 2022 Department of Recreation and Parks (RAP) reports, relative to the EV Master Plan.
2. INSTRUCT the Los Angeles Fire Department, Los Angeles Police Department, GSD, and the City Administrative Officer (CAO), with the assistance of the RAP, Bureau of Sanitation, BSS, and Department of Transportation, to review proposed Municipal Improvement Corporation of Los Angeles vehicle purchases scheduled within the Fiscal Year 2022-23 budget, and identify fossil fuel vehicles that should instead be electric and or carbon free.
3. INSTRUCT the Information Technology Agency to report in the next EV Master Plan update, in coordination with GSD, on the communication technology needs for EV adoption.
4. INSTRUCT the GSD, with the assistance of the CAO and Chief Legislative Analyst (CLA) to include in the next EV Master Plan update background on all other client departments, including updates from the four largest fleets, and that the report should include details on vehicle leasing as well as purchases.
5. INSTRUCT the GSD, Bureau of Engineering, and LADWP to include in the next update, details on electrical load and infrastructure needs related to EV infrastructure adoption.

Fiscal Impact Statement: Neither the CAO nor the CLA has completed a financial analysis of this report.

Community Impact Statement: None submitted

Summary:

On September 15, 2022, your Committee considered the September 13, 2022 Bureau of Street Services and LADWP reports; September 9, 2022 GSD and RAP reports relative to the EV Master Plan. The reports attached to the Council file include some background on the matter.

After providing an opportunity for public comment, the Committee moved to approve the recommendations reflected above. This matter is now forwarded to the Council for its consideration.

Respectfully Submitted,

ENERGY, CLIMATE CHANGE, ENVIRONMENTAL JUSTICE, AND RIVER COMMITTEE

<u>MEMBER</u>	<u>VOTE</u>
O'FARRELL:	YES
KORETZ:	ABSENT
CEDILLO:	YES
DE LEON:	YES
KREKORIAN:	YES

EV 21-0890_rpt_eccejr_09-15-22

-NOT OFFICIAL UNTIL COUNCIL ACTS-

HOLLY L. WOLCOTT
CITY CLERK

PETTY F. SANTOS
EXECUTIVE OFFICER

City of Los Angeles
CALIFORNIA



ERIC GARCETTI
MAYOR

OFFICE OF THE
CITY CLERK

Council and Public Services Division
200 N. SPRING STREET, ROOM 395
LOS ANGELES, CA 90012
GENERAL INFORMATION - (213) 978-1133
FAX: (213) 978-1040

PATRICE Y. LATTIMORE
DIVISION MANAGER

CLERK.LACITY.ORG

OFFICIAL ACTION OF THE LOS ANGELES CITY COUNCIL

Council File No.: 21-0890
Council Meeting Date: September 30, 2022
Agenda Item No.: 2
Agenda Description: ENERGY, CLIMATE CHANGE, ENVIRONMENTAL JUSTICE, AND RIVER COMMITTEE REPORT relative to various presentations from appropriate City departments regarding the Electric Vehicle (EV) Master Plan.
Council Action: ENERGY, CLIMATE CHANGE, ENVIRONMENTAL JUSTICE, AND RIVER COMMITTEE REPORT - ADOPTED

Council Vote:

YES	Blumenfield	ABSENT	Bonin	YES	Buscaino
YES	Cedillo	ABSENT	de León	YES	Harris-Dawson
YES	Hutt	YES	Koretz	YES	Krekorian
ABSENT	Lee	YES	Martinez	YES	O'Farrell
ABSENT	Price Jr.	YES	Raman	YES	Rodriguez

Handwritten signature of Holly L. Wolcott.

HOLLY L. WOLCOTT
CITY CLERK

Adopted Report(s) Title

Report from Energy, Climate Change, Environmental Justice, and River Committee_9-15-22