



AGENDA REPORT

TO: Jestin D. Johnson
City Administrator

FROM: Josh Rowan
Director, OPW/DOT

SUBJECT: Sustainable Fleet Transition Grants
Acceptance, Match Appropriation, and
Purchases

DATE: December 9, 2025

City Administrator Approval

Date: 11/20/2025


Jestin Johnson (Nov 20, 2025 18:03:25 PST)

RECOMMENDATION

Staff Recommends That The City Council Adopt A Resolution:

- 1. Accepting And Appropriating Grant Funds From The Environmental Protection Agency Clean Heavy Duty Vehicles Program In The Amount Of One Million Three Hundred Sixty-Four Thousand One Hundred Fifty-Four Dollars (\$1,364,154);**
- 2. Accepting And Appropriating Grant Funds From The Alameda County Transportation Commission Transportation Fund For Clean Air Program In The Amount Of One Hundred Four Thousand Dollars (\$104,000);**
- 3. Authorizing The City Administrator To Enter Into A Cooperative Agreement Pursuant To Oakland Municipal Code Section 2.04.080 With:**
 - (A) Tech Equipment Through Sourcewell Contract #110223-Thc For The Purchase Of One Refuse Hauler In A Not To Exceed Amount Of Five Hundred Forty Thousand Dollars (\$540,000);**
 - (B) Owen Equipment Sales Through Sourcewell Contract #093021-Elg For The Purchase Of Three Electric Street Sweepers In A Not To Exceed Amount Of Two Million Eight Hundred Fifty Thousand Dollars (\$2,850,000);**
 - (C) Beam Global Through The United States General Services Administration (Gsa) Contract #47qswa21d0006 For The Purchase Of One Electric Solar Panel Charger In A Not To Exceed Amount Of One**

Hundred Two Thousand Eight Hundred Eighty-Five Dollars And Eighty-Nine Cents (\$102,885.89); And

(D) Incharge Energy Inc Through Sourcewell Contract #051123-Inc. To Design, Build, Purchase, And Maintain 15 Electric Vehicle Chargers In An Amount Not To Exceed One Million Four Hundred Thousand Dollars (\$1,400,000);

- 4. Appropriating Two Million Six Hundred Thirty-Four Thousand Six Hundred Nine Dollars (\$2,634,609) From Available Fund Balance In The Comprehensive Clean-Up Fund (1720) For Grant Matching Purposes;**
- 5. Appropriating One Million Six Hundred Forty-Four Thousand One Hundred Seventy-Four Dollars (\$1,644,174) From Available Fund Balance In The Equipment Fund (4100) For Grant Matching Purposes; And**
- 6. Adopting Appropriate California Environmental Quality Act Findings**

EXECUTIVE SUMMARY

The City of Oakland is in the process of replacing its gasoline- and diesel-powered vehicles and equipment with electric vehicles and expanding its electric vehicle charging infrastructure. The projects identified in this report include the replacement of three street sweepers, one refuse truck, an electric solar-powered charger, and the installation of three pedestal-mounted electric vehicle chargers to be installed at the City's Maintenance Service Center at 7101 Edgewater Drive.

The total cost of these projects is estimated at \$12,015,708. The City has been awarded several grants for these projects totaling \$4,844,509. The City's matching share required to accept these grants is \$7,171,199. The City currently only has an appropriation for these projects in the amount of \$2,892,416. Therefore, an additional appropriation of \$4,278,783 is required to complete these projects.

The City of Oakland's fleet must transition to alternatively fueled, zero-emission, renewable, or low-carbon fuel powered vehicles. This transition is being driven by the City policy and guidance provided in the Equitable Climate Action Plan (ECAP) and Zero Emission Vehicle (ZEV) Action Plan, as well as State of California Executive Orders and mandates such as the Advanced Clean Fleet (ACF) Rule, Advanced Clean Trucks (ACT) Rule, Innovative Clean Transit (ICT) Rule, and off-road zero emission regulations currently under development.

To support this transition, the Oakland Public Works Department (OPW) has applied for and has been awarded five grants for electric vehicles and their corresponding charging infrastructure, including:

- 1. Environmental Protection Agency (EPA) grant for 1 refuse hauler and 3 street sweepers**

2. **Alameda County Transportation Commission (ACTC)** grant for 1 EV Arc Charger and 1 street sweeper
3. **Pacific Gas & Electric (PG&E)** grant for the purchase of electric vehicles and applicable chargers
4. **California Energy Commission (CEC)** grant for the installation of 100 electric vehicle charger ports at five city facilities for the City's fleet
5. **CEC-Responsive, Easy Charging Products with Dynamic Signals (REDWDS)** grant for 3 chargers and associated software

Adoption of this proposed resolution will enable the City to accept, appropriate, and allocate funds to replace vehicles and support the mandated transition to a clean-air vehicle fleet. This transition will help mitigate harmful environmental impacts by lowering vehicle tailpipe emissions, reducing petroleum fuel consumption, and decreasing overall vehicle fuel expenditures.

BACKGROUND / LEGISLATIVE HISTORY

The City of Oakland has pursued solutions to climate change and its impacts for more than two decades. Beginning with participation in global climate initiatives in the late 1990s and early 2000s, the City has continued to identify opportunities for local action and has adopted numerous City Council resolutions supporting these efforts. These grants represent the first phase of transitioning the City's medium- and heavy-duty fleet toward a sustainable, zero-emission vehicle fleet.

Pursuant to City Resolution No. [77842 C.M.S.](#), adopted on June 3, 2003, the City of Oakland committed to developing and implementing a "Green Fleet Policy". This policy directs staff to purchase vehicles powered by alternative fuels whenever possible and to actively pursue federal, state, and other incentive programs related to clean air and energy efficiency.

Pursuant to City Resolution No. [88268 C.M.S.](#), adopted on July 28, 2020, the City of Oakland established a goal to achieve **community-wide carbon neutrality no later than 2045** and to maintain net-negative emissions thereafter.

Per City Resolution No. [88592 C.M.S.](#), adopted on April 20, 2021, the City Council expressed its support for the goal of achieving a **100% zero-emission vehicle fleet by the year 2030**.

Per City Resolution No. [90634 C.M.S.](#), adopted on February 18, 2024, the City Council authorized the city administrator to accept and enter into a California Energy Commission Responsive, Easy Charging Products With Dynamic Signals ("CEC REDWDS") Grant Agreement with EVenergi, LLC for providing charging software for city electric vehicle chargers

Per City Resolution [90511 C.M.S.](#), adopted on November 12, 2024 the City Council authorized the city administrator to enter into an incentive grant agreement With Pacific Gas And Electric Company (PG&E) to accept the installation of infrastructure at the municipal service center to support fifteen (15) medium-heavy duty vehicle charging stations and to comply with the terms of the said agreement in which the city purchases 15 chargers with software and 15 medium-heavy duty electric vehicles.

Additionally, under City Resolution [90576 C.M.S.](#), adopted on December 17, 2024, the City Council authorized the city administrator to accept and appropriate a \$2,300,000 grant from the California Energy Commission, Charging Infrastructure for Government Fleets (CIGF) Program for the installation of one hundred (100) charging stations located throughout the City.

ANALYSIS AND POLICY ALTERNATIVES

The City of Oakland Equipment Services Division has been transitioning to alternative, low-carbon, and renewable fuels for over two decades, as Battery Electric Vehicles (BEVs) and Plug-in Hybrid Electric Vehicles (PHEVs) provide significant emissions reductions. To date, the focus has primarily been on light-duty vehicles. The City's medium- and heavy-duty fleet must now begin its transition to alternatively fueled, zero-emission, renewable, or low-carbon fuel-powered vehicles to meet the City's 2030 goal. This transition falls in line with the following Citywide priorities which are 1) **holistic community safety**, 2) **vibrant, sustainable infrastructure**, and 3) **responsive, trustworthy government**.

This transition is guided by City policy and the Equitable Climate Action Plan (ECAP) and Zero Emission Vehicle (ZEV) Action Plan, as well as by State of California Executive Orders and mandates, including the Advanced Clean Fleet (ACF) Rule, Advanced Clean Trucks (ACT) Rule, Innovative Clean Transit (ICT) Rule, and upcoming off-road zero-emission regulations.

Currently, the City operates 117 electric or plug-in hybrid electric vehicles, and aims to further reduce air pollution and greenhouse gas (GHG) emissions by replacing fleet vehicles with electric vehicles (EVs) at the end of their useful service life. The growing EV fleet will require the City to redesign and upgrade its charging infrastructure across various City facilities.

Approval of these grants and vehicle purchases will expand the City's EV supply infrastructure, support the mandated transition to a clean-air fleet, mitigate harmful environmental impacts by lowering vehicle tailpipe emissions, reduce petroleum fuel consumption, and decrease overall vehicle fuel expenditures.

As directed by the City Council in the resolution No. 77842 C.M.S., Oakland Public Works (OPW) has been actively pursuing federal and state grants related to clean energy vehicles.

The City applied for and was awarded several grants as follows:

1. **Environmental Protection Agency (EPA)** - The awarded EPA grant provides funds to replace one refuse hauler and three street sweepers with comparable electric models. It provides partial funding to cover the incremental cost of replacing non-zero-emission Class 6/7 heavy-duty vehicles with Class 6/7 zero-emission vehicles. Zero emission vehicles include battery electric vehicles and hydrogen fuel cell vehicles. This grant provides funding in the amount of **\$1,364,154**. The City's matching share will be **\$1,838,453**.

2. **Alameda County Transportation Commission Transportation Fund for Clean Air (TFCA)** - The awarded TFCA grant provides funds to replace one street sweeper and one EV portable charger. The provided funding from this grant will be stacked with funding from the EPA grant to cover the cost of one street sweeper. The TFCA grant, provides financial assistance for clean air vehicles within the Alameda County. This grant provides funding in the amount of **\$104,000**.
3. **Pacific Gas and Electric EV Fleet Program (PG&E)** - The City of Oakland has been awarded a grant from PG&E in the amount of **\$957,198**, under the EV Fleet Electrification program, Make-Ready Incentive Option. The grant was accepted by Council under resolution 90511 dated November 12, 2024. Using these funds, PG&E will design, construct, own, and maintain any necessary EV supply infrastructure to the meter only. This portion of the project will be at no cost to the City as PG&E will fund its upgrade project valued at \$643,000. The city will be responsible for materials and installation costs in the amount of \$1,328,720.51 to supply power from the meter to the city-supplied electric vehicle chargers. The grant also allows for additional savings to the city by funding 50% of the purchase cost of the 15 electric chargers in the amount of \$283,238. This grant stipulates that the city must replace, during the next five years, a total of 15 internal combustion engine, medium and heavy-duty vehicles. The grant provides \$6,064 per vehicle for three vehicles towards the purchase of class 8 trucks. It also provides for \$1,064 per vehicle for twelve vehicles towards the purchase of class 6 and 7 trucks. This will provide a further savings of \$30,960 towards the purchase price of the 15 vehicles. The city will use these funds to purchase 11 additional class 6 and 7 vehicles in the next four years at an estimated cost of \$825,000.
4. **California Energy Commission Charging Infrastructure for Government Fleets (CEC)** - The awarded grant provides for the installation of 100 electric charging ports and five city facilities which garage city vehicles. This grant includes a mixture of L2 slow chargers and DCFC fast chargers for city vehicles. The grant provides funding in the amount of **\$2,300,000**. The city's matching share is **\$2,986,371**, this includes \$392,416 of the matching shares staff labor cost.
5. **California Energy Commission Responsive, Easy Charging Products With Dynamic Signals (REDWDS)** - This grant for **\$119,157** was awarded to EVEnergi LLC, who will provide and allow their software to be utilized on city electric vehicle chargers. The grant also includes installing three additional L2 slow fill chargers at the Maintenance Service Center. There will be no software cost to the city for the next two years as part of this grant. This will provide a software cost savings of \$19,064. The cost of the chargers and installation cost will be shared between EVEnergi LLC and the City. The City's matching share is **\$206,637**.

The Oakland Public Works Department's (OPW's) Bureau of Maintenance and Internal Services (BMIS) is responsible for the procurement and maintenance of the City's fleet and equipment. Timely acquisition and repair of the infrastructure equipment by OPW-BMIS is essential to ensuring continuity and responsiveness of the City's to the public. The Equipment Services Division is operating with 24% vacancy rate (15 out of 62 positions are vacant), having 12 (twelve) out of 19 street sweepers that are over two decades old and

exceeded its expected lifecycle that often-needed repair and part replacement are expensive and laborious to the division, and short staffing will add delay to repair which may cause Street Sweeping Division with no vehicles to operate. It is critical that the City plans for the replacement of these vehicles immediately.

The street sweepers and refuse haulers are critical equipment for keeping the City clean from debris. The Environmental Services Bureau, Street Sweeping Division, currently has 19 street sweepers and 19 refuse haulers. 12 of the street sweepers and 5 refuse haulers are due for replacement. They often need repairs and part replacements, and due to the age of these vehicles, they frequently are inoperable. Failing to replace these vehicles immediately will interrupt the street sweeping operation and leave the City's streets full of debris, and the accumulation of the debris will cause a health hazard and potentially clogged the storm drain, and cause flooding. It is urgent to replace these vehicles immediately. The following tables identify the current inventory of street sweepers and refuse haulers:

TABLE 1 STREET SWEEPER VEHICLE ACQUISITION YEAR

No. Unit	Equipment description	Model year
1	500X SWEEPER ON FREIGHTLINER M2 CHASSIS	2013
8	FRI M2-106 CNG W/ ELGIN BROOM BEAR BODY	2013 & 2014
3	500X SWEEPER ON FREIGHTLINER M2 CHASSIS	2014
5	2017 SWEEPER MECHANICAL BROOM BEAR CNG	2018
1	SWEEPER/SCRUBBER SIDEWALK	2019
1	SWEEPER/SCRUBBER SIDEWALK	2022
19		

TABLE 2 REFUSE HAULER VEHICLE ACQUISITION YEAR

# of Units	Description	Model Year
3	ISUZU 6CY MINI PACKER	2013
2	ISUZU 6CY MINI PACKER	2015
5	ISUZU 6CY MINI PACKER	2018
7	ISUZU 6CY MINI PACKER	2020
2	ISUZU 6CY MINI PACKER	2021
19		

FISCAL IMPACT

These grants would provide an additional \$4,844,509 in grant funding, with our match amount of \$7,171,199. Of this match amount, \$2,500,000 is available, pending successful carryforward of funding from FY 2024-25 to FY 2025-26 the Equipment Fund (4100), Equipment Services: Administration Organization (30541), EV Infrastructure Grant Project (1007591), Fleet Management & Maintenance Program (IN01), and \$392,416 of matching funds would be counted from Equipment Services Division's staff time spent in directly managing these projects. To complete these projects, an additional amount of \$4,278,783 is requested to be appropriated in:

- Comprehensive Clean-Up Fund (1720) OPW organization 30541, Account 54011, Project 1007591, Program Code IN01 in the amount of \$2,634,609 for vehicle purchases.
- Equipment Fund (4100) OPW organization 30541, Account 54011, Project 1007591, Program Code IN01 in the amount of \$1,644,174 for infrastructure improvements.

Table 3 summarizes grant project costs and total matching fund requirements.

TABLE 3 AWARDED INFRASTRUCTURE AND VEHICLE GRANTS

GRANT	EQUIPMENT	TOTAL ESTIMATED PROJECT COST	GRANT AWARD	MATCHING FUND REQUIREMENT	AVAILABLE APPROPRIATION	ADDITIONAL APPROPRIATION REQUESTED	FUND
EPA	3 SWEEPERS AND 1 REFUSE HAULER	3,202,607	1,364,154	1,838,453	-	1,838,453	1720
TFCA	1 SWEEPER	92,116	90,000	2,116	-	2,116	1720
TFCA	1 SOLAR EV CHARGER	90,000	14,000	76,000	-	76,000	4100
PG&E CHARGERS	UPGRADE SERVICE, 15 CHARGERS AND PORTION OF NEW VEHICLE COST	2,193,820	926,238	1,267,582	-	1,267,582	4100
PG&E VEHICLES	PORTION OF NEW VEHICLE COST FOR 15 VEHICLES	825,000	30,960	794,040	-	794,040	1720
CEC	100 ELECTRIC CHARGING PORTS	5,286,371	2,300,000	2,986,371	2,892,416	93,955	4100
REDWDS	CHARGER SOFTWARE AND 3 CHARGERS	325,794	119,157	206,637	-	206,637	4100
	TOTALS:	\$ 12,015,708	\$4,844,509	7,171,199	\$ 2,892,416		
					TOTAL FUND 4100:	\$ 1,644,174	
					TOTAL FUND 1720:	\$ 2,634,609	
					GRAND TOTAL:	\$ 4,278,783	

PUBLIC OUTREACH / INTEREST

No outreach was deemed necessary for the proposed policy action beyond the standard City Council agenda noticing procedures.

COORDINATION

The Oakland Public Works Department prepared the requested action. This report and resolution were reviewed by the Office of the City Attorney and the Budget Bureau.

SUSTAINABLE OPPORTUNITIES

Economic: Accepting these grants reduces the funding required by the City to replace street sweeper vehicles and electric vehicle infrastructure.

Environmental: By approving this proposed resolution, the City Council ensures that the City of Oakland continues to reduce greenhouse emissions and improve local air quality.

Race and Equity: The acquisition of five new electric street sweepers advances equity in Oakland by prioritizing cleaner streets and improved air quality in low-income and historically underserved communities.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

This action is exempt from California Environmental Quality Act ("CEQA") based on the following CEQA Guidelines Sections: Section 15060(c)(2) (No Direct or Reasonably Foreseeable Indirect Physical Change in the Environment); Section 15061(b)(3) (No Significant Effect on the Environment); Section 15301 (Existing Facilities); Section 15304 (Minor Alterations to Land); Section 15307 (Protection of Natural Resources); Section 15308 (Protection of the Environment); and Section 15309 (Inspections), each of which provides a separate and independent basis for CEQA clearance and when viewed collectively provide an overall basis for CEQA clearance. The project, as designed, involves minor public or private alterations to the condition of existing facilities through the addition of electric vehicle charging stations throughout the City. The project also serves to protect the City's and region's environment and natural resources through the production and use of alternative sources of energy other than fossil fuels.

ACTION REQUESTED OF THE CITY COUNCIL

Staff Recommends That City Council Adopt A Resolution:

1. Accepting And Appropriating Grant Funds From The Environmental Protection Agency Clean Heavy Duty Vehicles Program In The Amount Of One Million Three Hundred Sixty-Four Thousand One Hundred Fifty-Four Dollars (\$1,364,154);
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 - (b) Owen Equipment Sales through Sourcwell Contract #093021-ELG For The Purchase Of Three Electric Street Sweepers In A Not To Exceed Amount Of Two Million Eight Hundred Fifty Thousand Dollars (\$2,850,000);
 - (c) Beam Global THROUGH The United States General Services Administration (GSA) Contract #47QSWA21D0006 For The Purchase Of

One Electric Solar Panel Charger In A Not To Exceed Amount Of One Hundred Two Thousand Eight Hundred Eighty-Five Dollars And Eighty-Nine Cents (\$102,885.89); And

(d) InCharge Energy Inc Through Sourcewell Contract #051123-INC. To Design, Build, Purchase, And Maintain 15 Electric Vehicle Chargers In An Amount Not To Exceed One Million Four Hundred Thousand Dollars (\$1,400,000);

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6. Adopting Appropriate California Environmental Quality Act Findings

For questions regarding this report, please contact Joseph Williams, Equipment Services Manager, at (510) 615-5489.

Respectfully submitted,



[Josh Rowan \(Nov 20, 2025 15:52:02 PST\)](#)

Josh Rowan
Director, Oakland Public Works/DOT

Reviewed by:

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