

Regular Council Meeting

May 25, 2023

FRESNO CITY COUNCIL



Supplemental Packet

ITEM(S)

3-B (ID 23-808)

WORKSHOP – Advance Clean Fleets Regulation

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Supplement Content: PowerPoint Presentation

Item(s)

Supplemental Information:

Any agenda related public documents received and distributed to a majority of the City Council after the Agenda Packet is printed are included in Supplemental Packets. Supplemental Packets are produced as needed. The Supplemental Packet is available for public inspection in the City Clerk's Office, 2600 Fresno Street, during normal business hours (main location pursuant to the Brown Act, G.C. 54957.5(2)). In addition, Supplemental Packets are available for public review at the City Council meeting in the City Council Chambers, 2600 Fresno Street. Supplemental Packets are also available on-line on the City Clerk's website.

Americans with Disabilities Act (ADA):

The meeting room is accessible to the physically disabled, and the services of a translator can be made available. Requests for additional accommodations for the disabled, sign language interpreters, assistive listening devices, or translators should be made one week prior to the meeting. Please call City Clerk's Office at 621-7650. Please keep the doorways, aisles and wheelchair seating areas open and accessible. If you need assistance with seating because of a disability, please see Security.

General Services Department Workshop - Advanced Clean Fleets Regulation

Agenda

- Purpose of the regulation
- Pathway to compliance & timelines
- Exemptions
- Vehicle count by Department
- Items to consider
- Next steps

General Services Department Workshop - Advanced Clean Fleets Regulation

Purpose:

- Accelerate transition of zero emission vehicles for medium and heavy trucks
- Final rule approved: April 28, 2023

Applicable Fleet Vehicles: 620 vehicles

- Utility service trucks
 - Ford F-250 and heavier
- Street sweepers
- Refuse trucks
- Bucket trucks

Exempt Fleet Vehicles:

- Sedans, SUVs, and F-150s
- Fire emergency vehicles
- Patrol and emergency response vehicles
- Construction equipment
- FAX's bus fleet
 - Under 2018 CARB ICT Regulation with a Zero Emission Transition Plan approved by Council in 2020

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Pathway to Compliance

Option 1 - New Purchases Pathway

- January 1, 2024
 - 50% of medium and heavy-duty vehicle purchases must be zero emission
- January 1, 2027
 - 100% of medium and heavy-duty vehicle purchases must be zero emission

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Pathway to Compliance

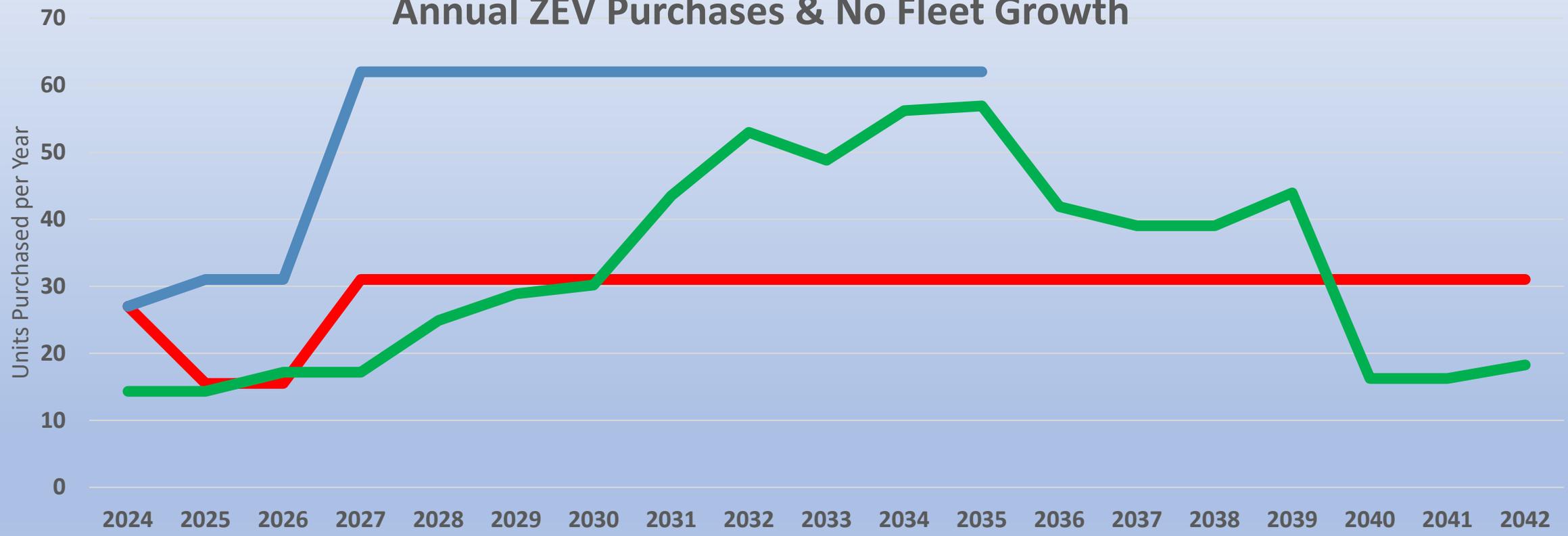
Option 2 – Zero Emission Fleet Milestone Pathway

% of Fleet must be ZEV by Year

Vehicle Types	Milestone Percentage/Year				
	10%	25%	50%	75%	100%
Group 1: Vans	2025 (7)	2028 (33)	2031 (66)	2033 (99)	2035+ (132)
Group 2: Work trucks, Utility Trucks	2027 (29)	2030 (71)	2033 (143)	2036 (214)	2039+ (285)
Group 3: Specialty vehicles (Refuse, Bucket, Sewer Cleaning, Trucks not in Group 1 or 2)	2030 (20)	2033 (51)	2036 (102)	2039 (152)	2042+ (203)

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Transition Medium/Heavy-duty Fleet to ZEV
Annual ZEV Purchases & No Fleet Growth



█ Option 1: Replace 5% of Fleet Annually
 █ Option 1: Replace 10% of Fleet Annually
 █ Option 2: Milestone Pathway

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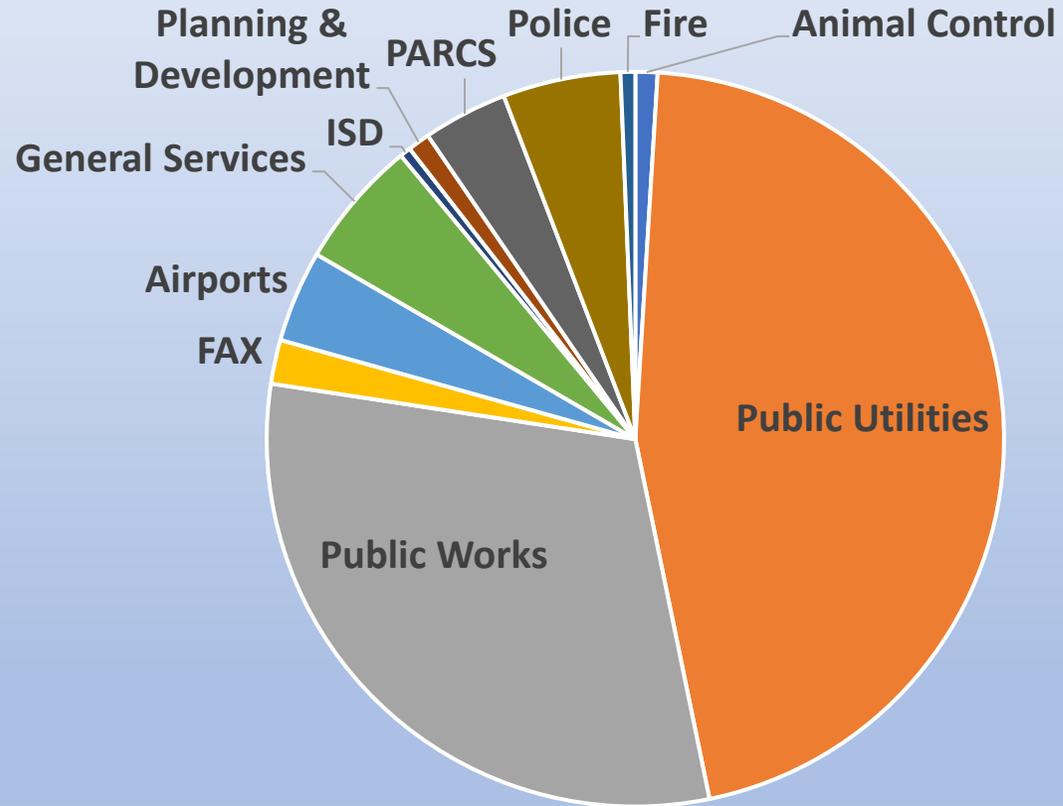
Exemptions & Extensions

- Backup vehicle exemption
- Daily usage exemption
- Infrastructure delay extension
- Vehicle delivery delay extension
- ZEV purchase exception
- Declared emergency response
- Mutual aid assistance exemption

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Vehicle Count by Department

- Public Utilities: 284
- Public Works: 190
- General Services: 35
- Police: 32
- Airports: 25
- PARCs: 23
- FAX: 12
- Animal Control: 6
- Planning & Development: 6
- ISD: 3
- Fire: 4
- Total Vehicles: 620



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Items to Consider

- Infrastructure:
 - Existing electrical infrastructure and capacity is insufficient
 - Significant capital investment
 - Charging equipment
 - Level II (\$\$)
 - DC Fast Charge (\$\$\$\$)
 - Charge Management Systems
- Funding Opportunities
 - State incentive programs – first come/first serve
 - After January 1, 2024, use of state incentives will disqualify vehicle from counting towards compliance
 - State and Federal competitive grants

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Next Steps

- Understand FY2024 budget implications with new April 28 regulation
- Purchase the 60+ medium and heavy-duty vehicles **no later than December 14 2023 to avoid January 1, 2024 new regulation start**
 - (F250, Vans, Refuse Trucks etc., any carryover from FY21-FY23)
- Coordinate infrastructure
- Implementation, interpretation and management of overall program
 - Management of CARB exemption and extension requests
 - Complex compliance reporting
 - Implement changes to vehicle costing and budgeting process
- Contract with Consultant for zero emission planning services