



Agency Priority Goal | Action Plan | FY 2023 – Q1 Progress Update

Address the Climate Crisis through Zero-Emission Fleet Vehicles

Goal Leader(s):

Sonny Hashmi, Federal Acquisition Service Commissioner

Goal Overview

Goal statement

- As part of GSA's efforts to tackle the climate crisis, the agency will support near-term global reductions in greenhouse gas emissions and a long-term goal of net-zero global emissions by helping agencies increase their conversions to clean- and zero-emission fleet vehicles (ZEVs). In line with E.O. 14057, GSA will help agencies achieve 100% of all acquisitions of light-duty vehicles purchased as ZEVs by 2027 and 100% of all vehicle acquisitions as ZEVs by 2035. GSA will work with customer agencies to maximize the replacement of conventionally fueled vehicles that are eligible to be replaced with ZEVs, increasing the presence of ZEVs in the Federal Fleet each fiscal year. *(Note: The speed of ZEV deployment and the number of ZEVs purchased will be influenced by funding and market availability.)*

Problem to Be Solved

- The use of conventionally fueled motor vehicles by agencies to execute their missions is a contributing source of Scope 1 greenhouse gas emissions from the Federal Government.
- The majority of vehicles in the Federal Fleet are conventionally fueled. GSA will assist the Federal Government in replacing conventional vehicles with ZEVs that will drastically reduce vehicle emissions generated by agencies.

What Success Looks Like

- Actions aligned to this goal will prepare agencies to meet Executive Order goals related to acquiring all light-duty vehicles as ZEVs by 2027.
- Interim success will be realized through a meaningful increase in the percentage of ZEVs purchased and operated within the Federal Fleet and the build-out of supporting infrastructure.

Goal Targets

Achievement statement		Key indicator(s)	Quantify progress			Frequency
By...	GSA will...	Name of indicator	Target value	Starting value*	Current value**	Update cycle
9/30/2023	Provide access to ZEV models to be deployed across the Federal Government.	Number of ZEV models available for Government customers to purchase or lease.	65	0	44	Quarterly
9/30/2023	Ensure that the GSA leased fleet that is not yet ZEV-eligible is as efficient as possible.	Percent increase in miles per gallon for the GSA leased fleet.	23%	0%	N/A	Annual
9/30/2023	When practical from a cost and mission fulfilment perspective, support the replacement of conventional vehicles with ZEVs.	Percent of new vehicle orders that are ZEVs compared to the total number of vehicles procured in the FY where an affordable ZEV was available.	25%	0%	N/A	Annual

*Value as of 10/1/2022

**Value as of 12/31/2023

- Key Indicators and targets above demonstrate a balanced approach to supporting the Federal Government's response to the climate crisis and reducing greenhouse gas emissions from the operation of motor vehicles to deliver agency missions.
- These indicators focus on the following:
 - Bringing market offerings to the Government
 - Increasing efficiency of the Fleet that cannot be converted to ZEVs immediately
 - Supporting the acceleration of ZEVs acquisitions, ramping up to the E.O. mandates

Goal Team

The team that supports this goal is dispersed within current GSA operations. Current business practices and business models will be leveraged. The composition of the team may change, should additional resources be appropriated through Congressional action.

- GSA Administrator and FAS Commissioner
- FAS Assistant Commissioner for Office of Travel, Transportation and Logistics (TTL)
- GSA Fleet Director
- GSA Fleet
 - Purchasing Division
 - Business Management Division
 - Offering Support Division
 - Marketplace and Innovation Division
 - Vehicle Management Division
 - Zonal Operations Division
- GSA TTL Office of Acquisition Operations Director
 - Center for Vehicle Acquisition
- PBS Office of Design and Construction
- PBS Office of Facilities Management
- FAS Office of Policy and Compliance
- OGP Acquisition Policy Division
- OGP Asset and Transportation Management

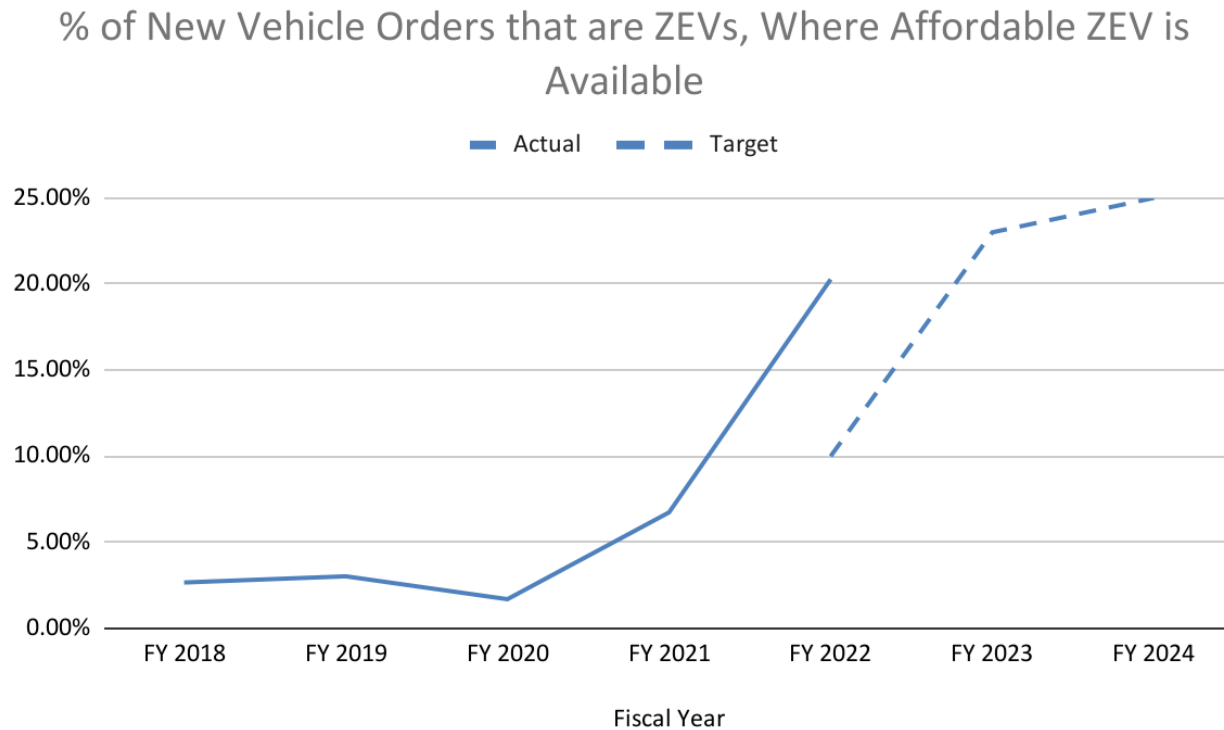
Goal Strategies

- GSA works with the automotive industry on a continuous basis and is aware of new technologies and offerings as they come to market. GSA Fleet utilizes contracting practices that allow for new technology offerings to be made available for purchase or lease by agencies throughout the fiscal year. This ensures that agencies have access to the most recent ZEV models that are available to meet mission requirements.
- Whenever a ZEV alternative is not available to replace a replacement-eligible vehicle, GSA Fleet Leasing will ensure the vehicle purchased for its fleet is more fuel efficient than the existing vehicle. This will reduce the overall emissions from vehicles being used by agencies and will support efficiency of operations as the projected miles per gallon rating of the replaced vehicles increases. It is important to balance efficient operations of the fleet that is conventionally fueled as ZEVs are deployed.
- When agencies are purchasing vehicles for agency-owned operations or selecting replacements for GSA leased vehicles, GSA will support the procurement of ZEVs when economically feasible and when a ZEV can meet the agency requirement. Tracking the purchase of ZEVs relative to conventionally fueled vehicles will assist in monitoring progress in meeting out-year ZEV acquisition targets. While agencies have the ultimate decision on the type of vehicle they purchase or lease, GSA provides the ability for agencies to meet Administration electrification goals.

Key Indicators

The table below represents the “**Percent of new vehicle orders that are ZEVs compared to the total number of vehicles ordered in a fiscal year where an affordable ZEV is available**”.

This indicator tracks progress over time of converting vehicles to ZEVs and shows the aggressive targets that have been established in FY 2022 and FY 2023.



Key Milestones

Milestone Summary

Key Milestone	Milestone Due Date	Milestone Status	Change from last quarter	Comments
Bring on new ZEV offerings	9/30/2023	12/31/22	44 models made available since 10/1, including 4 new models never before offered	The vast majority of models that will be awarded in FY23 are awarded in the first quarter with the awards for GSA Fleet's light duty vehicle contracts. Models include a new motorcoach bus, the Silverado EV, The Wrangler PHEV, The Corsair PHEV and an electric wheelchair van.
Work with Agencies to accelerate and execute FY23 orders and maximize the number of ZEVs in the Federal Fleet.	9/30/2023	On track	Budget Passed 12/29/2022	With agencies now having clarity of FY23 appropriations, GSA will work with agencies to maximize orders for ZEVs this fiscal year. Agencies have already requested thousands of ZEVs in FY23.
Provide education and training on ZEV and EVSE offerings	9/30/2023	On track	In person EVSE Showcase event, Agency HQ Customer Training, Desktop Workshop on EVSE offerings; Ad hoc 1:1 customer agency trainings.	In Q2, plan to provide 7 ZEV-specific sessions at FedFleet, offer EVSE training on BPA offerings and host Customer training on overcoming ZEV and EVSE operational challenges.

Narrative – FY 2023 Q1

Already this fiscal year 3,124 ZEVs have been ordered; close to the total amount acquired in all of FY 2022 (3,567). These new vehicle orders contribute to a greener fleet. GSA and agencies are achieving these significant results despite unprecedented supply chain challenges in the form of limited vehicle allocations, quantity restrictions, microchip and critical part shortages, order cancellations, and other hurdles.

To mitigate challenges in FY 2023, GSA is strengthening relationships with suppliers through closer communication on short- and long-term demand, as well as improving processes that enhance GSA's value to suppliers. GSA was able to offer agencies 44 models during the first quarter of FY 2023. Although this number is not the 65 we ended FY 2022 with, GSA's open contracts mean we will onboard new models throughout the year, including awarding Medium and Heavy Truck and Vocational Truck contracts in Q2. This is also a result of suppliers adjusting their offerings and level-setting expectations based on the reality that supply issues experienced in FY 2022 will continue through FY 2023.

To ensure GSA is accessing the available supply, GSA is encouraging agencies to order vehicles early. Early ordering is critical to capturing manufacturer allocations. GSA pushed agencies to complete their lease vehicle request process in Q1 and GSA has already executed over a third of anticipated FY 2023 vehicle orders.

Early focus on charging infrastructure is a critical strategy to support Fleet electrification. To educate agency fleet and facility managers about charging infrastructure offerings and requirements, GSA hosted the first in-person Electric Vehicle Supply Equipment (EVSE) Showcase at GSA's Headquarters in Q1. This event connected agencies with charging station manufacturers, network providers, and engineering firms. Twenty-one firms were represented and over 100 agency personnel were in attendance, participating in educational sessions and networking in an exhibit hall. The event mobilized attendees and reaffirmed GSA's leadership in the Fleet electrification space. As a result, agencies are a step closer to deploying the vital infrastructure needed to support transitioning their fleets to electric.

Data accuracy & reliability

Measures:

- Number of ZEV models available for Government customers to purchase or to lease
- Percent increase in miles per gallon for the GSA leased fleet
- Percent of new vehicle orders that are ZEVs compared to the total number of vehicles ordered in FY where an affordable ZEV was available

GSA will leverage its business systems and processes to capture the data required to calculate and track these measures.

Given that this information is contained in a controlled environment to support GSA Fleet operations that are subject to annual financial audits and oversight, there is high confidence in the accuracy and reliability of the data being used for these metrics.