



Agency Priority Goal | Action Plan | FY 2023 – Q2 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	62	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 fulfillment 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 3/31/2023

- 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
 - Product Integration 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

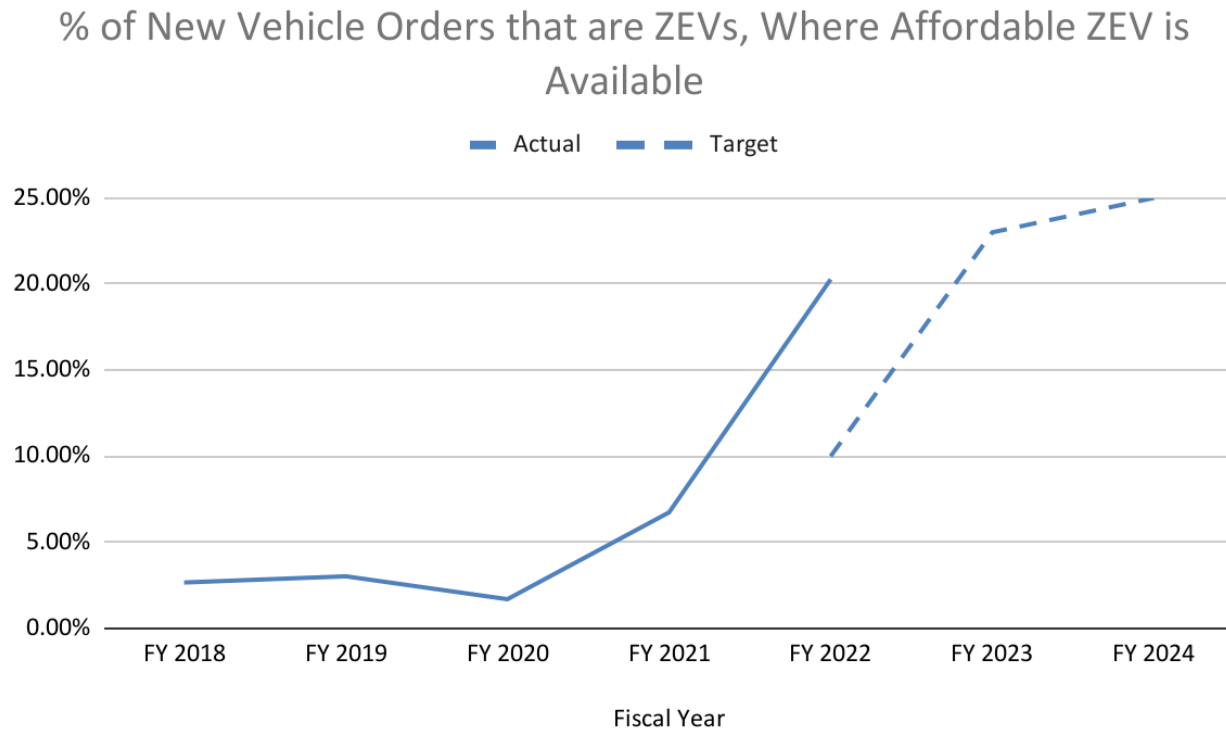
Goal Strategies

- 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	3/31/23	62 models made available since 10/1.	We currently have 62 models awarded, and are going through the open contracting season. We will have awards finalized in Q3 so anticipate this number to go up.
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 having clarity of FY 2023 appropriations, GSA worked with agencies to maximize orders for ZEVs this fiscal year. Agencies have already requested thousands of ZEVs in FY23 surpassing FY 2022 numbers and the numbers will only increase in Q3.
Provide education and training on ZEV and EVSE offerings	9/30/2023	On track	Provided 7 ZEV-specific sessions at FedFleet for over 2,100 registered participants. Provided ZEV-specific technical automotive training to GSA Fleet employees at Southern Illinois University and two tribal trainings on how to procure ZEVs from GSA	In Q3 we plan to host software demos by the EVSE BPA holders for agency customers, a customer forum, and devote time and expertise to working with agencies on their EVSE acquisition planning.

Narrative – FY 2023 Q2

Already this fiscal year 4,091 ZEVs have been ordered; exceeding 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.

So far in FY 2023, GSA has focused on education of ZEVs and EVSE. We hosted the annual FedFleet conference, the first time in-person since 2020. There were over 2,100 registered participants, and 7 ZEV-specific sessions were held. The topics covered ZEV Offerings, EVSE Offerings, the Future of ZEV and EVSE, Contracting strategies, and open forum sessions. Feedback from the event was positive, and we have been continuing to engage agencies to strengthen knowledge of ZEVs and EVSE. We also coordinated with Southern Illinois University to host a 3-day technical training session specifically on electrification for GSA Fleet employees allowing our staff to gain more technical knowledge on how ZEVs work and their differences from conventionally-fueled vehicles. We also hosted 2 software-specific trainings so that agencies can familiarize themselves with the benefits of managed charging. In addition we provided tribal-specific training on how to work with GSA and attended the 2022 Reservation Economic Summit where we engaged with businesses looking to work with GSA and tribal entities.

Although there are still supply chain constraints that are impacting quantity restrictions, model availability, and delivery times, by the end of Q2 GSA has awarded 62 ZEV models. This includes Medium and Heavy Trucks, Buses, and light-duty vehicles. We are continuing to work closely with suppliers to demonstrate our demand for more ZEV offerings, and the open contracting season will finalize at the beginning of Q3. Customer agencies have worked through their vehicle selections, and GSA is collaborating with agencies so that they are prepared to order vehicles quickly once awards are made and move into alternative ZEV selections where their original selection is no longer available. GSA will also continue to explore other customer and staff training that can be provided - from operational training to adding a course in the Federal Acquisition Institute. GSA is also planning to host a virtual EVSE Showcase in Q4 in coordination with our Public Buildings Service (PBS) EVSE contractors and are hopeful some of our EVSE IT Solutions will obtain their authority to operate (ATO) memorandums at that time. This event will be a great opportunity to advertise these new ATOs and encourage agencies to acquire these solutions. We are also continuing to work closely with PBS as they finalize their policy for agencies requesting stations and GSA managing stations in GSA space. The policy is projected to be published in Q4.

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.