



North Central Texas
Council of Governments



The Road Ahead: Fleet-to-Fleet Discussion on the Evolving EV Market

September 15, 2025



Welcome & Housekeeping



Please keep you microphone muted unless speaking.



Please put your name and organization in the chat, and use the chat or “Raise Your Hand” feature for questions.



The slides will be posted at www.dfwcleancities.org/events. Follow-up emails to come to those who registered.

Agenda

2025 Annual Survey Results and Fleet Barriers and Challenges

Fleet Presenters

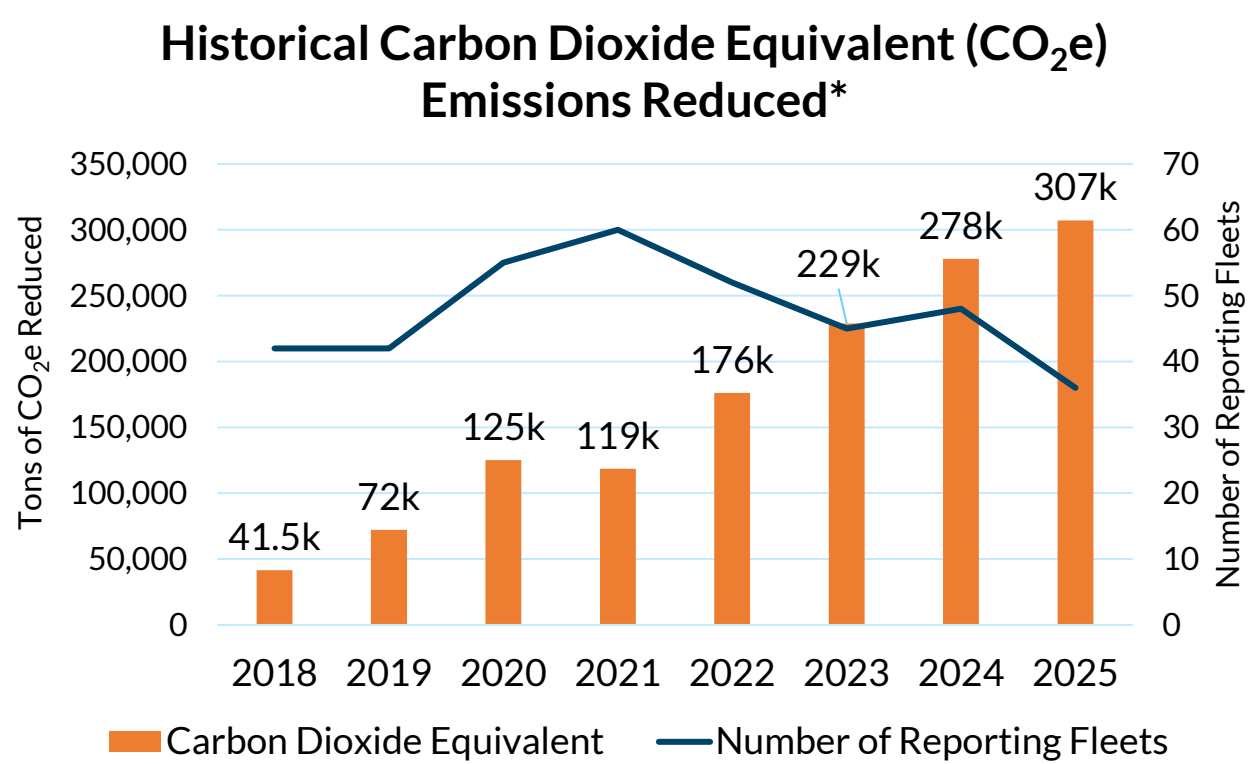
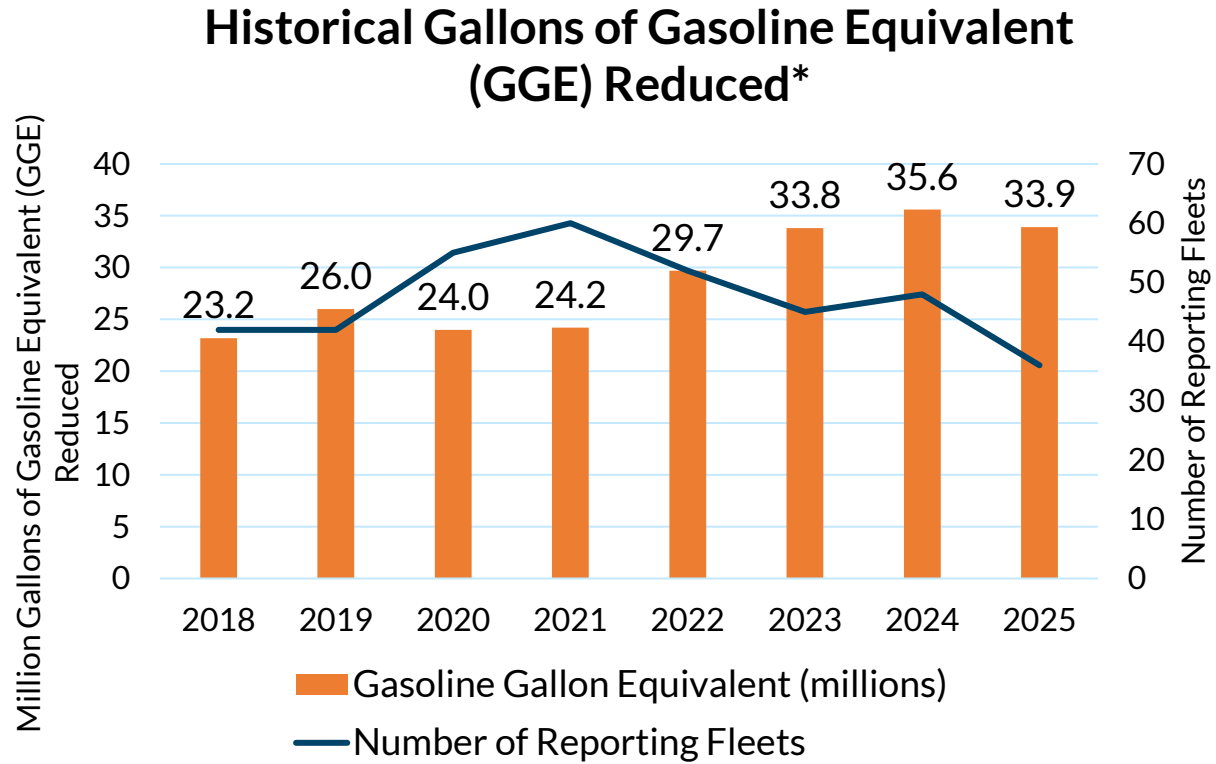
- Zac White, Jason Abair, City of Arlington
- Colby Frantz, City of Grand Prairie
- Aaron McCarty, City of Murphy Police Department
- James Wood, DFW Airport

Questions/Discussion with Presenters

Resources/Information



Summary of 2025 DFWCC Annual Survey



The results of the 2025 DFWCC Annual Survey can be found at:
www.dfwcleancities.org/get-involved/annual-report

2025 DFWCC Annual Survey Barriers and Challenges

Goal: Collect information to inform DFWCC activities and goals

2025 Questions included:



Did your fleet experience any **barriers** or **challenges** in adopting alternative fuel vehicles and/or fuel efficiency improvements in 2025 ?



What **webinars/workshop topics** would you like to see from DFWCC ?



What **sites/tours** would you like to visit ?



Please specify any specific **training** requests or needs.



If **funding was available**, describe the scope of projects you would like to do.

Annual Survey: Barriers and Challenges



Faulty Equipment



Lack of Infrastructure Availability



Minimal Support from Decision Makers



Manufacturing and Vehicle Availability Issues

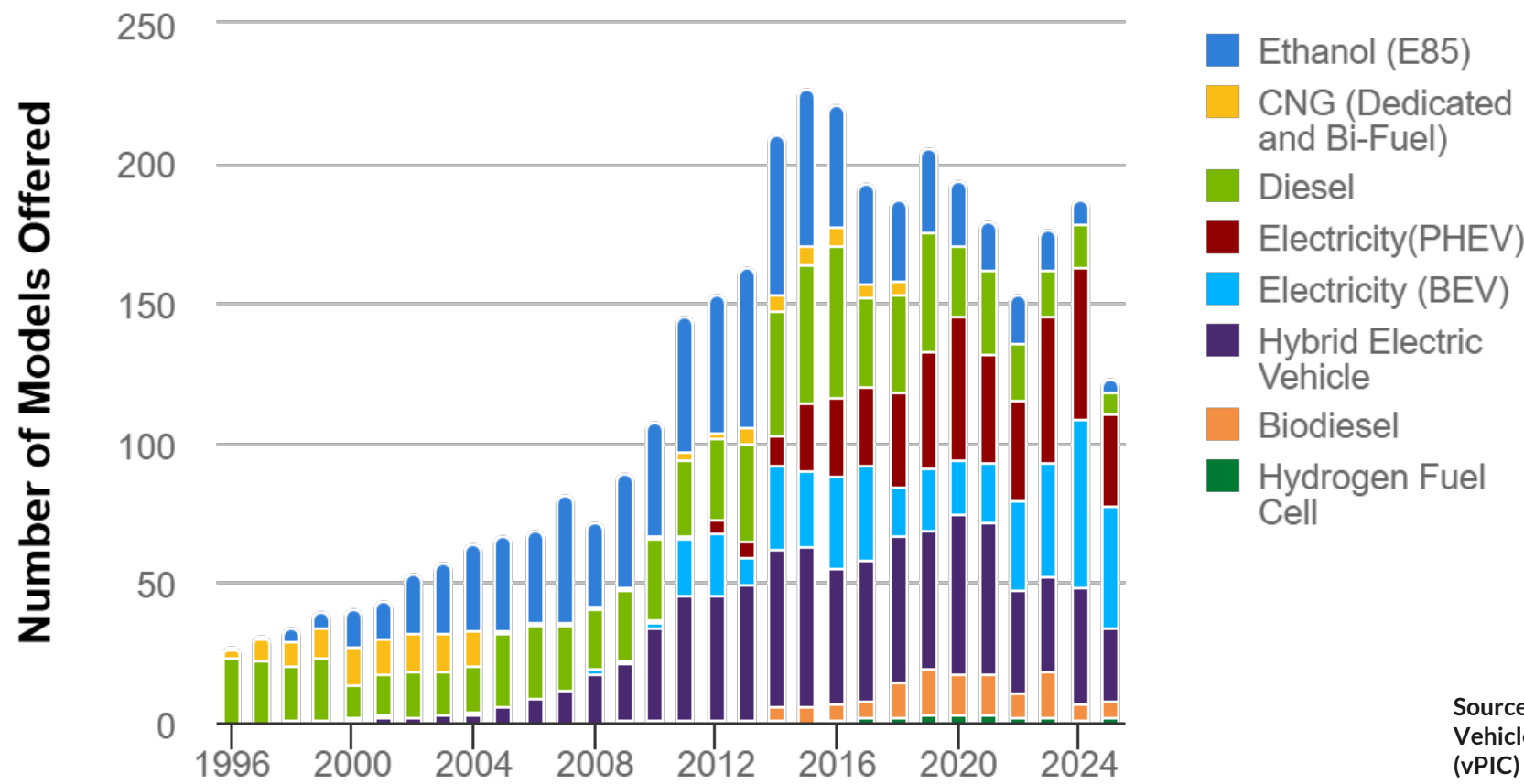
- *Limited production capacity for light-duty OEMs*
- *Cancellation of EV models/OEM going out of business*
- *Delays in fulfillment of EV orders*
- *Limited-service facilities available for large vehicle fleets*

"Manufacturing delays for fleet ordering - ICE vehicles still quicker to deliver than EVs or hybrids"

"GM and Ford seemed to have moved away from E85 fuel in their fleet level vehicles. Our PPV Police Tahoe's have gone back to unleaded only as QM does not offer the E85 motor with the Police Tahoe."

State of Alternative Fuel Vehicle Market

Light-Duty AFV, HEV, and Diesel Model Offerings, by Technology/Fuel



Last updated: March 2026
Printed on: August 12, 2026

Source: Derived by NLR using NHTSA Vehicle Product Information Catalog (vPIC) and registration counts from Experian Solutions.
(<https://vpic.nhtsa.dot.gov/>)

Highcharts.com

City of Arlington – EV Evaluation



Overview of Current Fleet:

- 950 Total Vehicles
- 14 Total EVs deployed
 - 8 Chevy Bolts; Fire, Police Non-Pursuit, Fleet, Waste Management
 - 3 Ford Lightnings; Public Works, Planning & Development Services, Fleet
 - 1 Ford E-Transit; Facilities
 - 2 Chevy Equinoxes; Fire

Impacts of Changes in EV Market:

- Discontinued Ford Lightning led to cancelation of planned EV pilot program for the Fire Department.

Strategies to Address Changes:

- EV Fleet analysis tool is in progress; lead by COA Transportation Department.

Dream for the EV Market:

- Cost effective EVs with ample range/towing capabilities.



Ford Lightning-Planning & Development Services
Photo Source: City of Arlington website

City of Grand Prairie – EV Infrastructure



Overview of Current Fleet:

- 949 Total On-Road Vehicles
- 19 Total EVs deployed
- 41 Level 2 Charging Ports
 - 20 open to public
 - 21 fleet-only

Impacts of Changes in EV Market:

- Model discontinuation and budget constraints

Strategies to Address Changes:

- Model/Market research
- Grant exploration

Dream for the EV Market:

- True value creating a better market with more model options that align with our needs



EV Chargers at Lake Parks Admin – Joe Pool Lake
Photo Source: Grand Prairie Fleet Services

City of Murphy Police Dept. – Patrol EV Program



Overview of Current Fleet:

- 26 Total Vehicles
- 2 Total EVs deployed
 - 2 2025 Tesla Model "Y" (upfitting by Up.Fit) assigned to patrol duties.

Impacts of Changes in EV Market:

- The charging infrastructure has proved to be difficult to onboard more fleet EV's.
- We are testing the two vehicles to see how they will handle everyday patrol. Size of vehicles if proving to be a factor.

Strategies to Address Changes:

- Working on charge subscriptions with fast charge location for static rate.

Dream for the EV Market:

- 80% EV police fleet to include Patrol, CID, Admin and SRO.



Murphy PD Tesla Model Y

Photo Source: Murphy Monitor (press conference at MPD)

DFW Airport–ZEV Blueprint for Fleet Transition



Overview of Current Fleet:

- 1016 Total Vehicles
- 31 Total EVs deployed
 - 5 Tesla Model 3 Sedans – Parking Enforcement
 - 5 Ford Mustang Mach-E Sedans – General Operations
 - 7 eCOBUS 3000 Airside Buses – Hardstand Operations
 - 8 Gillig Low Floor Buses – Rental Car Center Fleet
 - 4 New Flyer Xcelsior Buses – Rental Car Center Fleet
 - 2 International eMV Box Trucks – Logistics

Impacts of Changes in EV Market:

- Reliability challenges and manufacturer bankruptcies
- Reduction in federal funding pathways (FAA ZEV)

Strategies to Address Changes:

- Switching to proven manufacturers; equipment swaps

Dream for the EV Market:

- A sturdy and reliable OEM option for electric cutaway buses

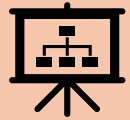


eCOBUS 3000 – Battery-Electric Airside Bus
Photo Source: DFW International Airport

Q & A:



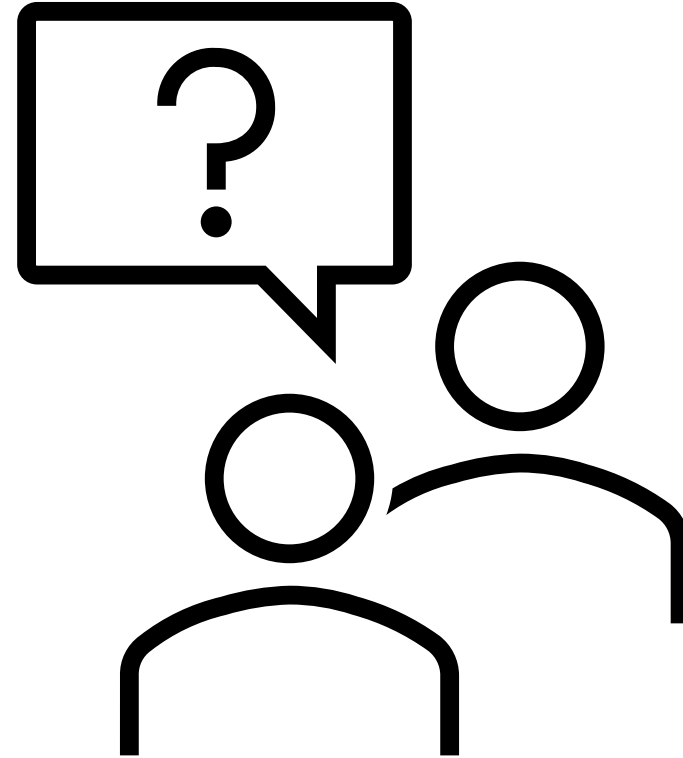
Name



Organization



Question



Funding Resources – Alternative Fuel Vehicles

Program	Eligible Activities	Funding Amount	Key Dates
Texas Volkswagen Emission Mitigation Program All-Electric Grant Round (TCEQ)	Replace or repower Class 4-8 diesel vehicles/equipment/freight switchers with zero emissions versions. New: Governmental entities may now apply to replace or repower their on-road vehicles with vehicles or engines powered by diesel or an alternative fuel.	Varies depending old vehicle age: Governmental: Up to 100% Nongovernmental: Up to 75%	Closes 8/31/2029
North Texas Zero Emissions Vehicle Call for Projects (NTxZEV)	Replace older Class 6 and 7 vehicles with zero-emission versions	Varies depending on fuel and vocation type: 33% to 80%	Next deadline is September 18, 2026 ; ongoing deadline every 3 rd Friday
Texas Natural Gas Vehicle Grant Program (TNGVGP)	Replace or repower eligible medium- and heavy-duty gasoline/diesel vehicles with natural gas-powered vehicles/engines.	Up to 90% or max amount per activity type set by TCEQ, whichever is lesser	Closes 10/20/2026

Learn More at: www.nctcog.org/aqfunding - Funding for Fleet Vehicles and Alternative Fuel Infrastructure Projects



Funding Resources – Energy Efficiency and Distributed Energy Resources

Program	Eligible Activities	Funding Amount	Key Dates
New Technology Implementation Grant (TCEQ)	Implement technologies to reduce emissions from facilities and other stationary sources	Up to 50%	Closes 9/25/2026
Community Center Energy Efficiency Retrofits for the State Energy Program: Infrastructure Investment and Jobs Act Energy Efficiency Revolving Loan Fund Program	Energy efficiency retrofits for community centers	Up to \$3,000,000	Closes 12/18/2026
Texas Backup Power Package Program	Provide funding to public and nonprofit that directly serve community safety and human health to design, procure or install backup power packages at facilities necessary to support community health, safety, and well-being	Up to \$500 per kwh;	Applications expected to open 2026

Learn More at: www.nctcog.org/aqfunding - Funding for Energy and Energy Efficiency Projects



Polling Questions

How useful did you find this meeting?

What future topics would you like to discuss at the next roundtable meeting?



Contact Us



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