North Texas Zero Emission Vehicles Call for Projects

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Regional Freight Advisory Committee
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North Texas Zero Emission Vehicle Project

Overview: Funded by $60 million from Environmental Protection Agency (EPA) Clean Heavy-Duty Vehicles (CHDV) Grant/Vocational Vehicles Sub-Program

Purpose: Incentivize deployment of Class 6 and 7 heavy-duty ZEV

Eligibility: Public or private fleets
*Must adopt a policy consistent with the **RTC Clean Fleet Policy** (www.nctcog.org/fleetpolicy)*

NCTCOG Project Scope

Activity	Federal Funding
Rebates for Zero Emission Vehicles & Supporting Infrastructure *Awarded via Call for Projects*	$58.6 million
Workforce Development and First Responder Training Activities *Awarded via Request for Proposals and other Activities to be Determined*	$1.4 million
Total Federal Funding Awarded to NCTCOG:	**$60 million**

Eligible Vehicle Types

Class 6 or Class 7 vehicle (GVWR between 19,501 lbs to 33,000 lbs)
"Vocational Vehicles" as defined by 49 CFR Part 523

Any vehicle that is equipped for a particular industry, trade or occupation such as construction, heavy hauling, mining, logging, oil fields, refuse; includes vehicles such as school buses, motorcoaches and RVs

Straight/Box Truck

Step Van

Septic/Bucket Truck

Street Sweeper

Transit Bus

Photo Credit: NCTCOG/Trinity Metro

Refuse Hauler

School Bus*

*School bus eligible only if NOT operated as a typical school bus as defined by the EPA in NOFO Section D.2.e.i

Other

NTxZEV Vehicle Requirements

Replace Old Non-Zero Emission Vehicle with New Zero Emission Vehicle
Vehicles must operate primarily within the 16-county NCTCOG region

Existing Vehicle Requirements	New Vehicle Requirements	Ineligible Vehicles:
• Emitting vehicle (i.e., propane, natural gas, gasoline, or diesel) • Be scrapped if a 2010 or older diesel vehicle • Operate at least 7,000 miles/year for each of two years prior to replacement, and be operational. • If the mileage requirement cannot be met, vehicle must idle for at least 500 hours/year ***INNOVATIVE ELEMENTS:*** • *If no 2010 or older diesel vehicles are owned, fleets can scrap any emitting vehicle regardless of model year or fuel type* • *Can combine multiple vehicles to meet mileage requirement*	• Battery-electric or hydrogen fuel cell vehicle • Model Year 2023 or newer • Have similar form or function as the old vehicle • Be ordered and purchased (not leased) after signing agreement with NCTCOG • Be certified to conform with Federal Motor Vehicle Safety Standards and receive EPA certificate of conformity and/or California Air Resources Board Executive Order to applicable emission standards ***INNOVATIVE ELEMENTS:*** • *Allows an extra 2,000 lbs of GVWR for battery-electric vehicles***	• Class 1-5 vehicles (GVWR of <6,000 – 19,500 lbs) or Class 8 vehicles (>33,001 lbs) • Hybrid vehicles or any internal combustion vehicle • Vehicles using a power unit/tech that creates pollution in vehicle (e.g., unvented diesel passenger heater) • Engine repower projects

*2024-chdv-q-and-a-2024-12-26.pdf C. 25; Includes total vehicle weight plus fluids, passengers, and cargos

**2024-chdv-q-and-a-2024-12-26.pdf C. 33

NTxZEV Per-Vehicle Funding Caps

Rebates can fund up to the maximum cost share percentage of the new vehicle, or up to the per-vehicle funding cap, **whichever is lower**

Maximum cost share and per-vehicle funding cap set by EPA CHDV Program.

Vehicle Type	Battery-Electric Vehicles (BEVs)		Hydrogen Fuel Cell Electric Vehicles (FCEVs)	
	Maximum Cost Share Percentage of New Vehicle Price	Per-Vehicle Funding Cap (Vehicle + Infrastructure)	Maximum Cost Share Percentage of New Vehicle Price	Per-Vehicle Funding Cap (Vehicle + Infrastructure)
Straight/Box Truck	65%	$190,000	80%	$400,000
Step Van		$160,000		$340,000
Septic/Bucket Truck		$330,000		$670,000
Other*		$355,000		$720,000
Refuse Hauler	50%	$260,000	70%	$600,000
Street Sweeper		$315,000		$720,000
Transit Bus	33%	$265,000	60%	$780,000

*School buses that do not meet the definition of a school bus may apply under the other vocational vehicle type

NTxZEV Eligible Infrastructure

Infrastructure must support the new Zero Emissions Vehicle

Support the New Zero Emissions Vehicle

All infrastructure must be located *within* the 16-county NCTCOG region

Note: Infrastructure funding is only available after the funding limit has been reached for vehicle replacement activities

Electric Vehicle Supply Equipment (EVSE) Infrastructure Requirements	Hydrogen Infrastructure Requirements	Other Infrastructure Requirements
• Installations or upgrades must be on the customer side of the electric meter (e.g., will not fund transformer upgrades) • All AC Level 2 charging infrastructure must be EPA ENERGY STAR certified • All electricians must be certified by the Electric Vehicle Infrastructure Training Program or a similar program approved by the EPA • Distributed Energy Resources must be installed to support BEV & EVSE, be installed at the same location as the EVSE, and consist of battery energy storage systems as well as onsite solar and or wind power generation that powers the BEV	• Installations or upgrades must be within the relevant facility (e.g., will not fund pipelines outside of facility)	• Meet Davis Bacon and Related Acts (DBRA) Requirements • Not be mobile refueling infrastructure • Comply with BABA Requirements • Be installed on land where the applicant has the authority to install and operate the infrastructure

Note: Infrastructure costs not included in mandatory cost share (EPA Q&A D.2)

Other Project Requirements

- Comply with Build America, Buy America (BABA) provisions of the Infrastructure Investment and Jobs Act (P.L. 177-58, §§70911-70917) (Waivers may be available)
- Submit required documentation (Scrappage, Utility Partnership Agreement, etc.)
- Meet Davis Bacon and Related Acts (DBRA) Requirements (Infrastructure only)
- Not be fully or partially purchased or subsidized with any public financial assistance
- Not allowed to add vehicles to the applicant's fleet
- May not be used for demonstration or commercialization
- All new vehicles should be delivered, and new infrastructure installation should be completed with final reimbursement submitted to NCTCOG by ***10/29/2027***
- Operate new vehicle and infrastructure for at least five years
- Attend Safety/First Responder Training for ZEV

NCTCOG Project Selection Criteria

Each vehicle scored individually

Capital Cost per Ton*	Impact on Regional Air Quality	Feasibility and Risk	Long-Term Sustainability Efforts
Up to 30 points	Up to 30 points	Up to 25 points	Up to 15 points
Cost per Ton of nitrogen oxides reduced **(20 points)** Cost per Ton of volatile organic compounds reduced **(10 points)**	% of time operating within ozone nonattainment area, rest of NCTCOG region, or areas bounded by the Texas Triangle highways **(10 points)** High idling hours per day **(10 points)** Vehicle Disposition Method (prioritize scrappage of 2010 and older vehicles) **(10 points)**	Project schedule, implementation plan, and measures to mitigate asset damage **(15 points)** Beneficiary risk assessment and NCTCOG administrative burden (e.g., large number of small projects) **(10 points)**	Broader environmental or sustainability planning and practices (e.g., fleet transition plans, contract specifications, purchasing policies, etc.) **(10 points)** Vehicle-to-grid compatibility and/or the use of distributed energy resources (e.g., battery energy storage systems, renewable on-site power generation) **(5 points)**

*Calculated by NCTCOG based on total federal funds requested

Call for Projects Schedule

Milestone	Date
Call for Projects Open	Friday, October 24, 2025
Call for Projects Workshops **Register Now at** www.nctcog.org/NTxZEV	Thursday, November 6, 2025, and Tuesday, December 2, 2025; *1:00-3:00 PM* *Virtual and In-person @ NCTCOG offices*
Call for Projects Deadline (16 Weeks)	Friday, February 13, 2026; *Applications must be received "in-hand" by 5 PM Central Time*
Ongoing Rolling Application Deadlines to Fully Award Funds	~90 Day Increments
Committee Approvals of Rebate Awards	March-April 2026, ongoing as needed
Agreement Execution with Recipients	End of April 2026, ongoing as needed
Deadline for all Project Reimbursement Requests	October 31, 2027

Next Steps

In Preparation for NTxZEV Call for Projects

- Complete an **Intent to Submit Form** *(optional)*
- Adopt **Clean Fleet Policy** and Idle Reduction Policy *(or similar)*
- Check out Key Resources
- Start planning your project and start discussions with your utility *(battery-electric projects only)*
- Reach out to National Renewable Energy Laboratory (NREL) for Application Technical Assistance (cleanhdvehiclesta@nrel.gov)

Call for Projects Opened – October 24, 2025

- **Determine Eligibility**
  - Review the Guidelines
  - Review the Frequently Asked Questions (FAQ) *(coming soon)*
  - Review relevant forms and documentation *(e.g., Risk Assessment Form, Vehicle Disposal Method Forms, Utility Coordination Form)*
- **Submit Application**

Key Resources

- DFWCC: 3-part Heavy-Duty Zero Emission Vehicle Webinar Series (www.dfwcleancities.org/events)
- September 5 NTxZEV Information Session (www.nctcog.org/NTxZEV)
- Alternative Fuels Data Center: Electric Vehicle for Fleets (https://afdc.energy.gov/vehicles/electric-fleets)
- Oncor EVolution Program (www.oncor.com/ev)

Contact Us

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North Texas Zero Emission Vehicle Project Information and Procurement/Contracting/Partnering Opportunities: www.nctcog.org/NTxZEV

Stay Informed of Other Funding/Events Related to Alternative Fuel Vehicles:
www.nctcog.org/stay-informed
Select Dallas-Fort Worth Clean Cities* and *Air Quality Funding Update