



Local Clean Air Projects Showcase and Funding Opportunities

July 2023 Public Meeting

North Central Texas Council of Governments

Project Highlights – Clean Fleets North Texas

	Denton Independent School District (ISD)	City of Dallas	City of Dallas
Awarded Project	Two Propane School Buses; 95% Nitrogen Oxides (NOx) Emissions Reduction	Two Diesel Hybrid Electric Crawler Tractors; 92% NOx Emissions Reduction	One Compressed Natural Gas (CNG) Powered Dump Truck; 99% NOx Emissions Reduction
Technology Replaced	Two Diesel School Buses	Two Diesel Crawler Tractors	One Diesel Powered Dump Truck
Project Geographic Area	Denton ISD, Denton County	City of Dallas, McCommas Bluff Landfill	City of Dallas
Awarded Amount	\$53,346	\$249,589	\$57,750
Total Project Cost	\$213,382	\$998,354	\$183,669
Call for Project	Clean Fleets North Texas 2018	Clean Fleets North Texas 2019	Clean Fleets North Texas 2019
Funding Source	Texas Commission on Environmental Quality (TCEQ) Supplemental Environmental Project (SEP)	Environmental Protection Agency National Clean Diesel Funding Assistance Program	Environmental Protection Agency National Clean Diesel Funding Assistance Program



Denton ISD



Propane School Bus #1



Propane School Bus #2



City of Dallas (April 2022)



Crawler Tractor #1



Crawler Tractor Screen



Crawler Tractor #2



City of Dallas (August 2021)



Dump Truck Side Profile



Project Highlights – North Texas Emissions Reduction Project

	Alliance Aviation Management	Romark Logistics	DHL Supply Chain
Awarded Project	Two Electric Powered Aircraft Tugs and Charging Infrastructure; 100% NOx Emissions Reduction at Location	Two Electric Powered Terminal Tractors (Yard Trucks) and Charging Infrastructure; 100% NOx Emissions Reduction at Location	Two All-Electric Terminal Tractors (Yard Trucks) and Charging Infrastructure; 100% NOx Emissions Reduction at Location
Technology Replaced	Two Diesel Engine Powered Aircraft Tugs	Two Diesel Engine Powered Terminal Tractors	Two Diesel Engine Powered Terminal Tractors
Project Geographic Area	Operating at Alliance Airport, Fort Worth (Tarrant County)	Operating in Lancaster, Texas (Dallas County)	Operating in Fort Worth (Tarrant County)
Awarded Amount	\$108,770	\$288,914	\$313,733
Total Project Cost	\$250,597	\$651,016	\$697,185
Call for Project	North Texas Emissions Reduction Project 2020	North Texas Emissions Reduction Project 2020	North Texas Emissions Reduction Project 2020
Funding Source	Environmental Protection Agency National Clean Diesel Funding Assistance Program	Environmental Protection Agency National Clean Diesel Funding Assistance Program	Environmental Protection Agency National Clean Diesel Funding Assistance Program



Project Highlights – North Texas Clean Diesel Project

	Bimbo Bakeries
Awarded Project	One All-Electric Terminal Truck and Charging Infrastructure; 100% NOx Emissions Reduction at Location
Technology Replaced	One Diesel Engine Powered Terminal Tractor
Project Geographic Area	Operating in Fort Worth (Tarrant County)
Awarded Amount	\$172,264
Total Project Cost	\$384,001
Call for Project	North Texas Emissions Reduction Project 2020
Funding Source	Environmental Protection Agency National Clean Diesel Funding Assistance Program



Alliance Aviation Management



Aircraft Tug Side Profile



Aircraft Tug Batteries



Aircraft Tug Electric Motor



Romark Logistics



Terminal Tractor Front



Terminal Tractor Side Profile



Terminal Tractor and Charging Unit



DHL Supply Chain



Terminal Tractor #1



Terminal Tractor
Electrical Component
Compartment



Terminal Tractor #2



Bimbo Bakeries



Terminal Tractor



Terminal Tractor
Electrical Component
Compartment



Terminal Tractor,
Connected to Charging Unit



Funding for Vehicles and Infrastructure

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
<u>Alternative Fuel Infrastructure Tax Credit</u>	Purchase of qualified residential fueling equipment, such as EV charging infrastructure	Up to \$1,000 tax credit	December 31, 2032
<u>Alternative Fuel Excise Tax Credit</u>	Alternative fuel sold or used as a fuel to operate a motor vehicle	\$0.50 per gallon (GGE for natural gas and propane)	December 31, 2024
<u>Electric Vehicle (EV) and Fuel Cell Electric Vehicle (FCEV) Tax Credit*</u>	New EV, PHEV, or FCEV with a GVWR of 14,000 lbs. or less with final assembly in North America	\$2,500 - \$7,500 tax credit	No Deadline
<u>Previously Owned Clean Vehicle Credit*</u>	Used EV, PHEV, or FCEV with a GVWR of 14,000 lbs. or less	Up to \$4,000 tax credit	No Deadline
<u>Light-Duty Motor Vehicle Purchase or Lease Incentive Program*</u>	New purchase or lease of a light-duty EV, PHEV, or FCEV	Up to \$2,500	Available on a first-come, first-served basis starting September 1 of each odd-numbered year
<u>Clean School Bus Program</u>	Replacement of 2010 or older school buses with a new battery electric, CNG, or propane powered school bus and electric bus charging infrastructure	Up to \$250,000 for non prioritized school districts Up to \$395,000 for prioritized school districts	August 22, 2023
<u>TxVEMP All-Electric Grant Program</u>	Replacement or repower of eligible heavy-duty diesel vehicles or equipment or installation of refueling infrastructure	Up to 100% of the incremental cost of the project for government entities; Up to 75% for nongovernmental entities	First-come, first-served until August 31, 2025



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