



Dallas-Fort Worth
CLEAN CITIES

DFW Clean Cities Newsflash

Official Publication of the Dallas-Fort Worth Clean Cities Coalition

June 2021

In This Issue

[Upcoming Events](#) | [Regional News](#) | [Industry Updates](#) |
[Funding Opportunities](#) | [Tools & Resources](#)

Who We Are: Dallas-Fort Worth Clean Cities (DFWCC) is a program of the [North Central Texas Council of Governments](#) (NCTCOG) and the [Regional Transportation Council](#). DFWCC's goal is to advance economic, environmental, and energy security through increasing efficiency and reducing emissions from transportation.

Get Recognized! Stakeholders and Sponsors are invited to submit any updates/success stories/info about new projects or initiatives to be added to future Newsflashes upon review.

DFW Clean Cities is here for all your alternative transportation fuel and technology needs. Reach out to us for any technical assistance or general inquiries related to Clean Cities.

Training

- Alternative Fuel Vehicle First Responder Safety Training Webinars
- Alternative Fuel Vehicle Safety Training for Fire Service
- National Alternative Fuels Training Consortium Manuals Available

Clean Cities Sponsorship

DFW Clean Cities relies on sponsor support to fund certain initiatives, including hosting workshops, trainings, developing educational materials, or providing non-federal matching funds on grant proposals. Please go to <https://www.dfwcleancities.org/sponsorus> for details on how to sponsor us!

Thanks to our Level 2 DFW Clean Cities Sponsor: FreeWire!



Upcoming Events

Hensley Field Site Tour

The City of Dallas is giving their first ever Hensley Field Discovery Tour! [Hensley Field](#) is a former naval airfield that is now being developed into a public space emphasizing the three pillars of sustainability- social equity, economic viability, and environmental protection! There will be three tour groups, and each tour group has the opportunity to share ideas and record their thoughts to help plan for the future of this site! To safely manage this in-person event, **attendees must register and will be confirmed on a first-come, first-served basis.**

Event Details:

Date: Saturday, June 5

Time: Tour 1: 9:30 a.m.; Tour 2: 12:00p.m.; Tour 3: 2:30 p.m.

Registration: <http://bit.ly/hfdiscoverytour>

North Texas Electric Auto Association Meeting

Don't miss out on the fun: the next North Texas Electric Auto Association (NTEAA) meeting is coming up! NTEAA gives the opportunity for a meet and greet with electric vehicle drivers! There will be a wide variety of EVs and drivers! Even better: complimentary (lunch) food trucks to promote the membership drive.

Event Details:

Date: Saturday, June 12

Time: 10 a.m.- 12 p.m.

Address: iDrive1 Motorcars, 2707 Reality Rd. Carrollton TX 75006

Registration and More Details: <https://ntea.org/>.

Fleet Electrification: EVSE Planning Webinar

Dallas-Fort Worth Clean Cities (DFWCC) is hosting a webinar on Electric Vehicle Supply Equipment (EVSE) planning for fleets! Fleet Managers, Energy Managers, and Directors of Transportation of public and private fleets are encouraged to attend to learn about available chargers from vendors, coordinating with your utility from Oncor, and an overview of charging options and funding.

Webinar Details:

Date: June 23, 2021

Time: 3:00 p.m. – 4:30 p.m. C.T.

Register: <https://www.dfwcleancities.org/dfw-clean-cities-meetings>

Electrification 2021 Virtual Forum Series

Registration for the Electric Power Research Institute's Electrification 2021 Virtual Forum series is live! Each of the three forums ("Building to Zero," "Frontiers of e-Mobility" and "A Net-Zero Energy System for All") will enhance communication, collaboration, and education in key electrification areas.

Building to Zero

Addressing decarbonization, affordability and productivity with ambitious, equitable and community-centered solutions

Date: May 17 - 20, 2021

Frontiers of e-Mobility

Accelerating established options, advancing new technology, and ensuring seamless infrastructure and affordable mobility

Date: June 7 - 10, 2021

A Net-Zero Energy System for All

Scaling the grid for an electrified economy and solving the most difficult decarbonization challenges, with unprecedented resiliency

Date: June 28 - 30

Check out the conference website for more details and to register,

<https://www.electrification2021.com/>.

Electric Truck Bootcamp Webinar Series

Join the North American Council for Freight Efficiency, RMI, and industry experts as they kick off the Electric Truck Bootcamp series to learn more about the ins and outs of this technology and what is driving its adoption.

This [10-part educational series on electric trucks](#) for fleet managers, utility planners, policymakers, and more leads up to the [Run on Less – Electric](#) event this September, focusing on today's fleet and OEM leaders who have electric trucks already in operation. NACFE will also be on hand at the [2021 ACT Expo](#) to kick off the fall event with a half-day workshop.

Webinar Details:

Date: Ongoing through August 24, 2021

Time: 12 -1 p.m. C.T.

Register: <https://subscribe.act-news.com/NACFE-RoL-E-2021>

Regional News

DFWCC Try and Drive Alternative Program Launch

Dallas-Fort Worth Clean Cities (DFWCC) is excited to announce their new program, Try and Drive Alternative! This regional initiative is dedicated to giving fleets and consumers the opportunity to borrow clean vehicle technologies, such as alternative fuel technologies and telematics systems. Through allowing fleets and consumers to experience clean vehicle technologies first-hand, this program will help borrowers decide if purchasing that technology – such as an electric vehicle, telematics, or a refueling system – is a good fit.

The directory of clean vehicle technologies available for borrowing can be accessed from the [Try and Drive Alternative website](#).

- Battery Electric Terminal Tractor from Lonestar Specialty Vehicles
- Battery Electric Vehicles Model 6-8 from Peterbilt
- Chevy Bolt from General Motors
- Battery Electric Class 8 Terminal Tractor from Orange EV
- Telematics Device from Global-View
- Telematics Device from Tangerine AI
- GoFlo CNG 80 Compressor and GoFILL Refueler from Onboard Dynamics

If you are a provider interested in adding your loaner program to our directory, please [go here](#) or contact cleancities@nctcog.org.

Texas Volkswagen Environmental Mitigation Program (TxVEMP) in DFW

The Texas Volkswagen Environmental Mitigation Program (TxVEMP) is the funding program created through the settlement agreement in the litigation between the United States Environmental Protection Agency (EPA), the State of California, and Volkswagen (VW) and its related entities. Funds provided are used to replace old diesel vehicles and diesel equipment in accordance with the priorities established by the Beneficiary Mitigation Plan. So far there have been 4 funding rounds: Refuse, Freight, Bus, and Level 2 Charging Infrastructure. The Dallas-Fort Worth region has been incredibly proactive in applying for funds through this program.

- Dallas Fort-Worth is the only priority area across Texas which requested the full allocated amount to their region from the Refuse, Local Freight, and Bus funding rounds, which all funded replacement of old diesel vehicles. In fact, DFW area applications exceeded available funding, requesting nearly \$9 million in excess of the allocation provided by the TCEQ. Nearly \$40 million appears to be 'left over' from these funding rounds from other areas across the state.
- DFW has more than double the applicants than the next highest region for the Freight and Refuse rounds.
- Of Level 2 Charging Infrastructure funds, DFW has requested 29% of the over \$730,000 requested of the state. This is a strong showing for the region, given the fact that the funding is available statewide. **There is still over \$10M available, it is first come first serve until September 9, 2021. See article under Funding Update for more information.**

NCTCOG Creating Working Group for Electric Vehicle Ready Construction Practices

NCTCOG is assembling a working group of North Texas electric vehicle and building industry stakeholders to help with the guidance and development of resources to provide consistency in EV-Capable and EV-Ready construction standards across the region.

To join the EV-ready building standard working group, email Bailey Muller at bmuller@nctcog.org.

Reopening the Call for Applications from North Central Texas Cities for Developing City-wide Greenhouse Gas Inventories

The North Central Texas Council of Governments (NCTCOG) will be reopening the call for applications from cities in the North Central Texas 12-county Metropolitan Planning Area to participate in a regional cohort to produce city-wide greenhouse gas emission (GHG) inventories. In partnership with the Regional Integration of Sustainability Efforts (RISE) Coalition,

and with the generous contribution from Burlington-Northern Santa Fe (BNSF) railroad, NCTCOG is providing 20 cities in the North Central Texas 12-county Metropolitan Planning Area access to Local Governments for Sustainability (ICLEI), formally known as the International Council for Local Environmental Initiatives, ClearPath software tool at no cost. There are currently eight cities in our region that have joined the cohort, and two additional cities that have partnered in the effort by doing their own GHG study concurrently.

All participating cities will be able to use ClearPath to produce their own city-wide GHG inventories. Cities interested in participating must submit an application by **July 30, 2021**, and will need to be a commit to attendance of ICLEI and cohort trainings/meeting/check-ins and collaborate with NCTCOG to provide necessary data inputs. ICLEI's ClearPath software tool has been used to complete GHG inventories in over 475 jurisdictions in the United States and is considered the leading online software platform for completing GHG inventories, forecasts, and monitoring at the community-side scale.

The Call for Applications from cities will reopen from May 31 and closes July 30, 2021. Cities interested in submitting an application need to be a current NCTCOG member, commit to attendance of ICLEI and cohort trainings/meeting/check-ins and collaborate with NCTCOG to provide necessary data inputs.

Visit the Call for Application and Project [website](#) to find more information about the Regional GHG Inventory.

**Metropolitan Planning Area counties are: Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise*

NCTCOG Contact: Jenny Narvaez, jnarvaez@nctcog.org

Industry Updates

Inclusion does not imply an endorsement or promotion by NCTCOG

SoCalGas Converting 200 Trucks to RNG

Southern California Gas plans to use Landi Renzo Eco Ready Equipment to convert 200 Ford F-250 trucks to use renewable natural gas (RNG). RNG is a renewable form of energy made from wastewater, landfills, or even dairy farms. Depending on the source, RNG can be carbon neutral! This will help SoCalGas achieve net zero greenhouse gas (GHG) emissions in their operations and delivery by 2045. Read more about the conversion at [Work Truck Online](#).

DOE Plans to Spend \$12 Million for Geothermal Technologies

The US Department of Energy (DOE) has announced their intentions to use up to \$12 million the research, development, demonstration, and deployment of Enhanced Geothermal Systems (EGS). EGS are used to create clean, renewable energy by injecting fluid into "hot rock", re-opening fractures in the earth's crust and bringing steam to the surface. That steam is then used to spin a turbine. Read more about this new effort at [Environment + Energy Leader](#).

Chicago Area Clean Cities Recognizes ComED for Green Fleet

Commonwealth Edison, or ComEd, has been recognized by Chicago Area Clean Cities for their efforts to green their fleet. ComEd has a fleet over 3000, most of which are alternative fuel or electric. Currently, ComEd operates 1,400 biodiesel-fueled trucks, 430 ethanol-gasoline blends, and over 200 hybrid-electric or plug-in hybrids! ComEd plans to continue to reduce greenhouse gas emissions by electrifying 50% of their fleet by 2030. Read more at [Work Truck Online](#).

Study on Biodiesel Usage Shows Many Benefits

A study by Trinity Consultants looked at the effects of converting from diesel to 100% biodiesel (B100). Biodiesel is a low-carbon, renewable fuel that can come from several different sources, such as animal fats, recycled cooking oil, or other sources. 13 communities were studied. In these communities, 100% biodiesel was used for home heating oil and transportation. The study showed 340 fewer premature deaths, 46,000 fewer lost workdays, \$3 billion in avoided health care costs. Read more on [Biodiesel News](#).

No Propane Shortages Despite Colonial Pipeline Shutdown

Despite shortages and price spikes in gasoline and diesel fuel due to the [Colonial Pipeline shutdown](#), the Propane Education and Research Council reports there have been no shortages for propane fuel in motor vehicles. If you are experiencing a propane shortage, please email cleancities@nctcog.org.

Opinion: Electric School Buses Are a Win for Kids' Health, the Environment, and Our Community

Last year marked a sobering first, as for the first-time air pollution was recorded as a cause of death. In the Southeast London neighborhood where nine-year-old Ella lived, there was copious amounts of nitrogen oxides and particulate matter. Before her death of acute respiratory failure in 2013, Ella had been hospitalized almost 30 times for asthma. Worldwide an estimated 4.2 million deaths per year are caused by air pollution. School buses consistently expose the youngest and most vulnerable children to toxic substances. In Austin, Texas, 1 out of 4 students rode on a bus to school. The children who ride these buses breathe four times the amount of diesel fumes than children who ride in private vehicles. There are alternatives, such as the electric school buses deployed by [Everman ISD](#) in Fort Worth, Texas. If interested in reading more about this case and the benefits of electric school buses, go to [Austin Chronicle](#).

Hyundai Motor Rolls out 5-Minute EV Charging Station Stops

Hyundai Motor Group has unveiled a superfast charging platform brand E-pit for electric vehicles, which will enable an 800-volt EV to drive up to 100 kilometers (62 miles) on just a 5-minute charge. Read more at [Pulse News](#).

New York City Utility Plans to Have Electric Bucket Trucks Next Year

Con Edison, the electric utility for New York City, has partnered with Lion Electric and Posi-Plus to add electric bucket trucks to its fleet in early 2022. The vehicle will utilize the Lion8 electric chassis and have an estimated range of 130 miles. Read more on [The Verge](#).

Peterbilt Releases New EV Operating Cost Calculator

Peterbilt has released an easy to use [Operating Cost Calculator \(OCC\)](#) to help fleets compare diesel and electric Peterbilt vehicles!

Is an Electric Vehicle Right for You? What to Know Before You Shop

Are you wondering if switching to an EV is right for you? The [Today Show's EV expert](#) offers guidance on how to navigate the expanding world of EVs and important things to consider when shopping for an EV.

Beam Global's EV Arc Solar Charging Stations Land on Federal GSA Schedule

Beam Global, the provider of the EV Arc Solar Charging Station, has been approved to be listed on the General Services Administration's Multiple Award Schedule contract site. This allows federal government agencies, such as the National Park Service, to purchase these chargers without a contract bidding process. The Arc is a 4.3- kilowatt solar cell canopy which can be used with any EV charger the customer chooses. Read more at [Design News](#).

Funding

To receive up-to-date information on available funding and incentives related to clean vehicle technologies and other air-quality improvement measures, subscribe to Air Quality Funding Updates [here](#). For a comprehensive list of currently available incentives, visit the [NCTCOG website](#).

Electric Vehicle Project Funding Opportunity

NCTCOG is seeking a team of project partners for a proposal to the Department of Energy (DOE) Low Greenhouse Gas Vehicle Technologies Research, Development, Demonstration, and Deployment funding opportunity.

NCTCOG is also seeking contributions of cash match to be committed to this project to meet DOE requirements of 50 percent non-federal funds as project match requirements.

Project Focus:

The focus of this CFP is to identify prospective team members interested in deploying a variety of electric vehicle projects, ranging from purchase of electric vehicles to building of infrastructure to outreach, training, and workforce development activities. EV projects could involve a variety of sectors, including local governments, utilities, transit, schools, ports, and goods movement. Projects for consumers in underserved communities are a high priority. This CFP extends to products and services for electric vehicles and may include industry providers, along with necessary infrastructure and operations providers.

Project Award and Match Requirements:

Total project costs are expected to range from \$8 million-\$13.3 million and will require a 50% non-federal cash match. Individual project partners should identify how much match they can provide as part of their proposal. **Individual project partners are not required to offer 50 percent on their individual portion of the project**, though NCTCOG encourages as much match as possible. Match can be accepted from project subaward partners and third-party match partners (third party match partners will not receive funds to implement any project but are simply making contributions to enable the project). In-kind match is not eligible for consideration. All match must be 'cash'.

Public entities are strongly encouraged to submit projects through this CFP. All private or nonprofit entities must apply through this CFP to be considered for inclusion in the project.

Deadline: 5 p.m. Friday, June 4, 2021

For more details, visit <http://www.nctcog.org/aqfunding> and select "2021 Electric Vehicles North Texas Call for Partners".

TERP's Government Alternative Fuel Fleet (GAFF) Program Accepting Applications

The Texas Commission on Environmental Quality (TCEQ) is now accepting applications for the [Governmental Alternative Fuel Fleet \(GAFF\) grant program](#). The program is through the TCEQ's Texas Emissions Reduction Plan (TERP) program and provides funding for purchase or lease new on-road vehicles that operate on alternative fuels.

The GAFF program is competitive and does not require scrapping an old vehicle. Alternative fuels eligible include:

- compressed natural gas
- liquefied natural gas
- liquefied petroleum gas
- hydrogen fuel cells
- electricity, including electricity to power fully electric motor vehicles and plug-in hybrid motor vehicles

Eligible applicants include state agencies, counties, municipalities, school districts, junior college districts, river authorities, water districts or other special districts, or other political subdivisions that own and operate a fleet of more than 15 motor vehicles.

Grant Amounts:

TCEQ has established pre-determined grant amounts for the purchase or lease of eligible vehicles. Grant amounts by vehicle class are below.

- Class 1 Vehicles - \$15,000
- Class 2-3 Vehicles - \$20,000
- Class 4-6 Vehicles - \$35,000
- Class 7-8 Vehicles - \$70,000

Grant Documents:

Copies of the Request for Grant Applications, Application Forms, and a sample contract are available at <http://www.terpgrants.org>.

GAFF applications must be received by 12:00 a.m. Central Time on June 15, 2021.

Please contact 800-919-TERP (8377) or by email at terp@tceq.state.tx.us with any questions.

Notice of Loan Fund Availability- "Cool Schools & More"

Texas Comptroller of Public Accounts (CPA)'s State Energy Conservation Office (SECO) has provided Notice of Loan Funds Availability for the "Cool School & More" program to assist Texas Independent School Districts by financing projects to replace older, existing heating, ventilation and air conditioning systems and to install air treatment measures. For more information and to apply, go [here](#). **Applications are due June 16, 2021**

Texas Volkswagen Environmental Mitigation Program (TxVEMP) Level 2 Charging Funding

Texas Volkswagen Environmental Mitigation Program (TxVEMP) is now accepting applications for the purchase and installation of Level 2 charging equipment for light-duty zero emission vehicles in the State of Texas. So far, the Dallas-Fort Worth region has only accounted for 29% of total applicants. Apply as soon as possible to take advantage of over \$10 million available in first-come, first-served funding. The funds can also be used for workplace charging, and [multi-unit dwellings](#) (MUD). Read about the benefits of workplace charging on the [DFWCC webpage](#).

Eligible Activities:

Purchase and installation of new light-duty electric vehicle Level 2 charging equipment in a public place, workplace, or multi-unit dwelling (i.e., not located at a private residential dwelling that is not a multi-unit dwelling in Texas); and at a site without existing light-duty electric charging services or to expand the number of vehicles that may be serviced at an existing site.

Funding Availability:

A total of \$10.4 million is available under this program. Grant recipients will be eligible for a reimbursement of up to \$2,500 per installation. Grants will be awarded on a first-come, first-

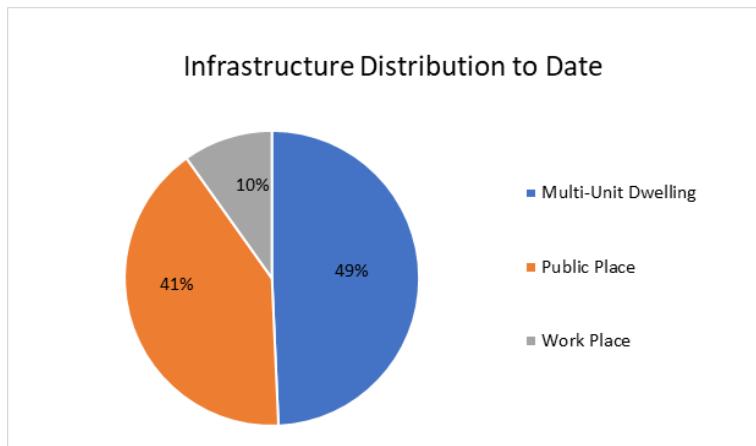
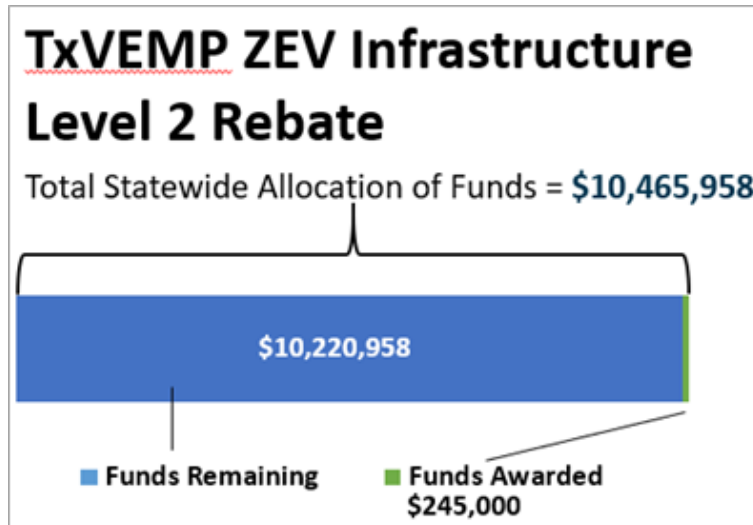
served basis and may not exceed the following percentages of eligible costs:

Electric chargers available to the public:70%

Electric chargers available at a workplace or multi-dwelling unit:60%

Application Deadline: September 9, 2021

More information and how to apply to the Texas Volkswagen Environmental Mitigation Program from [TCEQ](#).



Last Updated April 26, 2021

Diesel Emissions Reductions Calls for Projects

North Central Texas Council of Governments has three calls for projects (CFPs) open with approximately \$3.1 million remaining in grant funding for diesel emissions reduction projects! **The next application deadline for all three CFPs is Friday July 9, 2021, 5 pm.** Project details are as follows:

Eligible Applicants

- **North Texas Freight Terminal Electrification (NTFTE) 2020 CFP:** Private freight terminals or distribution centers primarily receiving heavy-duty truck TRUs and trailer TRUs and located in the 10-county ozone nonattainment area.
- **North Texas Emissions Reduction Project (NTERP) 2020 CFP:** Private sector fleets for high-use diesel vehicles and equipment operating in the 10-county ozone nonattainment area, as well as Hood and Navarro counties.
- **Clean Fleets North Texas (CFNT) 2020 CFP:** Local governments, or private companies that contract with local governments that own heavy-duty diesel vehicles or equipment operating in the 10-county ozone nonattainment area.

Eligible Projects

- **NTFTE:** Construction and installation of Electrified Parking Spaces for heavy-duty TRUs and trailer TRUs, electric power monitoring equipment, and electric power connection kits.
- **NTERP:** Replacement of an older diesel on-road vehicle and non-road equipment with a

newer model year on-road vehicle or non-road equipment; additionally, this includes Shore power installation for rail and switch yards.

- **CFNT:** Replacement of older diesel on-road vehicle and non-road equipment with newer model year on-road vehicle or non-road equipment.

Funding Details and Levels

- **NTFTE:** Rebate grants, approximately \$960,000 available
 - Up to 30% of the project cost
- **NTERP:** Rebate grants, approximately \$2.1 million available
 - 45% if new vehicle/equipment is electric
 - 35% if new vehicle/equipment is powered by engine certified to California Air Resource Board optional low NO_x standards
 - 25% cost for all others
- **CFNT:** Grants, approximately \$109,000 available
 - 45% if new vehicle/equipment is electric
 - 35% if new vehicle/equipment is powered by engine certified to California Air Resource Board optional low NO_x standards
 - 25% cost for all others

More information and application details for each program available on the [NCTCOG website](#).

Training Resources

Alternative Fuel Vehicle First Responder Safety Training Webinars

The National Alternative Fuels Consortium (NAFTC) held two First Responder Safety Training webinars in January 2021 related to electric vehicles (EVs) and gaseous alternative fuels. Both webinars were recorded and can be accessed on the NAFTC [webpage](#).

Alternative Fuel Vehicle Safety Training for Fire Service

The National Fire Protection Association (NFPA) is offering an online safety training related to incidents involving alternative fuel vehicles, including electric, hybrid, hydrogen fuel cell, biodiesel, and other gaseous alternative fuels and their associated infrastructure. The online training is self-paced and visually interactive with simulations, animations, videos and more! More information and registration can be found on the NFPA [webpage](#).

National Alternative Fuels Training Consortium Manuals Available

DFWCC is offering the following manuals on a first-come, first-served basis. Please send your request to cleancities@nctcog.org. See pictures of the manuals available at <https://www.dfwcleancities.org/training>.

- (17) Law Enforcement Alternative Fuel Vehicle Safety Training Instructor Manual
- (15) Compressed Natural Gas Vehicles: Fuel System Inspector
- (2) Light-Duty Natural Gas Vehicles
- (1) Propane Vehicle Training

Resources

[Air North Texas](#) | [Air Quality Funding](#) | [Electric Vehicles North Texas](#)

Contact Us

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For a complete list of Clean Cities staff, visit www.dfwcleancities.org.

