



Dallas-Fort Worth
CLEAN CITIES

DFW Clean Cities Newsflash

Official Publication of the Dallas-Fort Worth Clean Cities Coalition

November 2020

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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.

Upcoming Events

Holiday Grease Roundup - an Opportunity to Strengthen the Local Biodiesel Ecosystem! [Sign up by November 2!](#)

According to Clean Cities annual reports, nearly 2,500 vehicles were fueled with biodiesel in 2019, reducing greenhouse gases by over 5,000 tons. Biodiesel-using fleets can help strengthen the local biodiesel industry by encouraging participation in the annual Regional Holiday Grease Roundup! When fats, oils, and grease are washed down the drain, they stick to the inside of pipes, hardening and building up until they cause clogs and sewer backups. What's more, this presents a lost opportunity for local production of biodiesel from an otherwise waste product! During this annual collection event, cooking oil and grease will be recycled into biodiesel or biogas, which reduces landfill waste and produces an alternative fuel that is clean and green.

Entities can choose to participate for the entire roundup or selected dates within the range of the roundup. [American BioSource](#) will be partnering with NCTCOG and WATER again this year to provide grease containers and collection for FREE to participating entities. **If your entity would like to utilize American BioSource, please contact [Tanya Van Zandt](#) or [Amy Van Zandt](#) with American BioSource no later than close of business on **November 2, 2020**, with the following**

information to ensure you will receive the container prior to the start of the Holiday Grease Roundup:

- Number and size of containers requested ([sizing guide](#));
- Dates for drop off and pick up;
- Location for the container;
- Contact information for the location.

Additionally, please send the location information to [Hannah Allen](#) no later than **November 2, 2020** to ensure your information is updated on the Defend Your Drains North Texas - Holiday Grease Roundup webpage prior to the start of the Roundup.

For entities with an established grease program, or those wishing to utilize a different vendor, you can still participate in the Holiday Grease Roundup! Please send your location information to [Hannah Allen](#) no later than close of business on **November 2, 2020**, to ensure your information is updated on the Defend Your Drains North Texas - Holiday Grease Roundup webpage prior to the start of the Roundup.

This year's Holiday Grease Roundup will begin on **Monday, November 23, 2020**, and end on **Monday, January 4, 2021**. Learn more about this event organized by [Defend Your Drains](#).

Fleet Forward Conference: More Session Topics Announced!

The Fleet Forward conferences, prepared by Automotive Fleet, Business Fleet, Government Fleet, Fleet Forward, Heavy Duty Trucking, and Work Truck magazines has announced new topics to be discussed. The agenda including presentations over Fleet Electrification, Commercial Vehicle Trends, Lessons Learned from Commercial Fleet Electrification Deployments, and more. This event will take place from **November 9-13**. View a complete list of topics and register on the [Fleet Forward](#) site.

Texas Energy Summit Highlights Connection between Transportation and Energy

The [Texas Energy Summit](#) is an annual event that conventionally was focused on energy efficiency in buildings but has evolved to include a lot of transportation electrification in addition to discussion of renewables, climate, and policy/legislative topics. As the transportation system becomes more electrified, energy issues become increasingly important. Join this virtual event November 10-12 and 17-18 for only \$99. Scholarships to cover registration are available for local government staff. See <https://texasenergysummit.com/> for more details.

ACT Virtual

The ACT Virtual conference is still going on! This online education series continues through November 2020 and spotlights the latest vehicle technology and infrastructure innovations that can help fleets achieve their economic and environmental sustainability goals. Fleet operators can register **for free** using code **CC75** at www.act-virtual.com. Secure your spot today!

#ACTvirtual #electrification #hydrogen #RNG
#sustainability #cleantech



Regional News

Industry/Vendor Feedback Requested Regarding Technologies that Meet FHWA Buy America Requirements – Response Deadline November 13

Dallas-Fort Worth Clean Cities (DFWCC) is seeking information on clean vehicle technologies

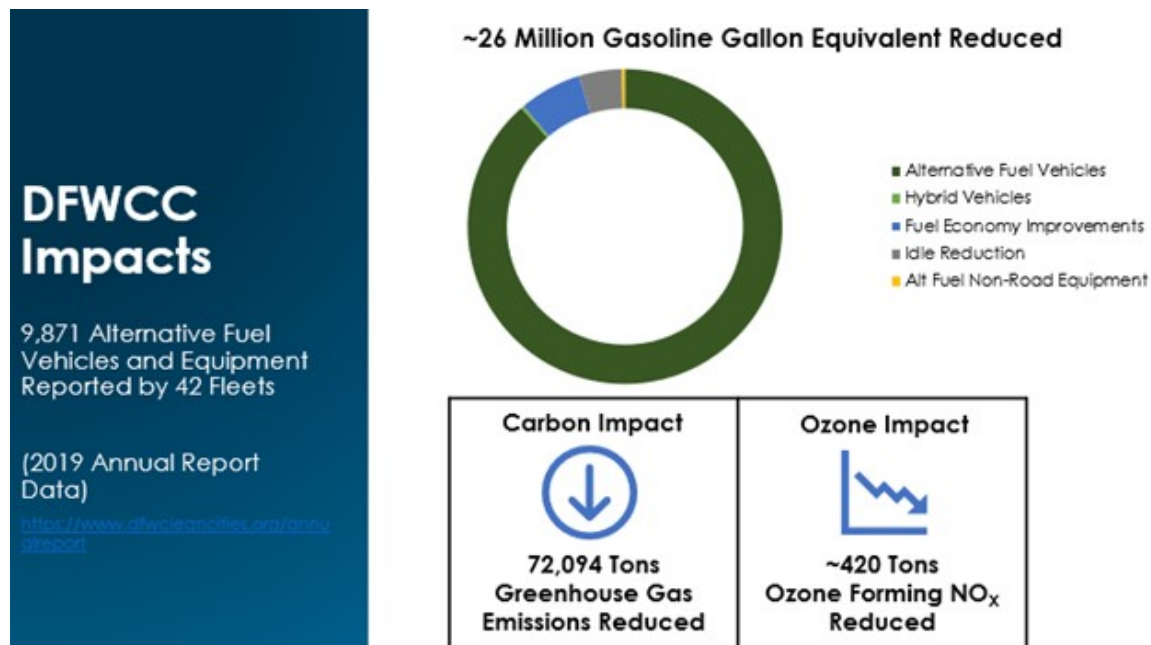
that comply with Buy America requirements set forth by the Federal Highway Administration (FHWA). The North Central Texas Council of Governments (NCTCOG)/DFWCC has a history of using FHWA Congestion Mitigation and Air Quality Improvement (CMAQ) funding to facilitate a variety of "clean vehicle technology" projects – most projects have involved purchase of new, low-emitting vehicles to replace older vehicles. However, no commercially available vehicles meet FHWA definitions of Buy America compliance.

NCTCOG/DFWCC would like your help with any information on clean vehicle technologies that meet these requirements. Responses are accepted until **5:00 p.m. on Friday November 13** to cleancities@nctcog.org.

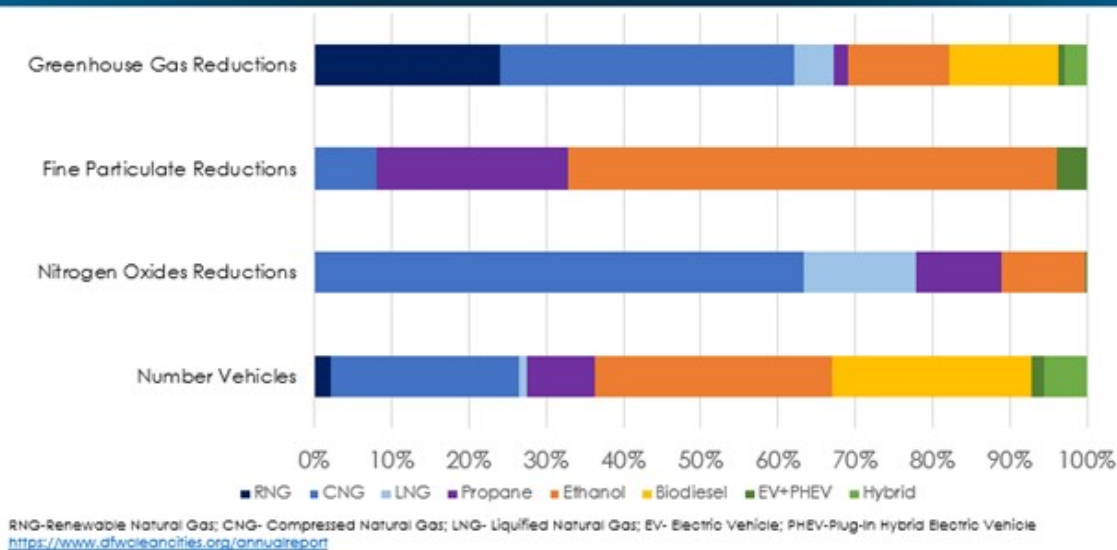
For full details and submittal instructions, see www.dfwcleancities.org

DFW Clean Cities Stakeholders Achieved Substantial Air Quality Impacts in 2019

DFW Clean Cities staff sends out a big THANK YOU to the 42 fleets who contributed information about fleet activities in 2019 for the Clean Cities Annual Report. Across the region, fleets reported use of nearly 10,000 alternative fuel vehicles that helped reduce ozone-forming nitrogen oxides by 420 tons in 2019, over 72,000 tons greenhouse gases, and displaced approximately 26 million gasoline gallon equivalent of conventional petroleum fuels. Relative to the prior year's report, this reflects a 12 percent increase in petroleum displacement; 11 percent increase in NOX reductions; and an impressive 74 percent increase in greenhouse gas reductions, largely due to growing use of renewable natural gas in the DFW International Airport fleet.



Impact of Various Fuel Types (2019 Annual Report Data)



National Drive Electric Week Successes



The National Drive Electric Week DFW program included an EV 101 panel likewise featuring field leaders such as Texas' top Chevy plug-in sales consultant, who now trains EV sales people; national leaders in diversity, equity and inclusion discussing how to expand EV use; a look at the growing EV arena in North Texas and elsewhere in the state illustrated by videos and a message from Dallas Mayor Eric Johnson; and more video footage of a competitive EV road rally and the creation of a Tesla Cybertruck made from recycled plastic.

Nearly 5,000 people viewed our NDEW Dallas-Fort Worth webinar, according to EarthX TV, which streamed it live on its website, Facebook and LinkedIn pages. The webinar was recorded and can be viewed on our event page. Furthermore, the event will remain posted indefinitely by DFW Clean Cities, as well as by EarthX and producer ZDS Communications.

View the Live-stream at www.driveelectricdfw.org.

DFWCC Electric Vehicle Webinars

For National Drive Electric Week, DFWCC also hosted two webinars which discussed EV implementation. The first webinar was the Electric Vehicle Fleet Manager Roundtable which was an open discussion-style meeting to give fleet managers interested in EVs an opportunity to learn from their peers who have already incorporated EVs into their fleets. Fleet managers with experience answered questions and shared their experiences of light-duty EV deployment. The second webinar was the Using Clean Cities Tools to Implement Electric Vehicle (EV) and EV Infrastructure Goals. This demonstration webinar geared towards local governments on using tools to learn how to prepare and accommodate for the growth of EVs. The Workshop focused

on EV registration trends and Clean Cities tools. Both DFWCC webinar recordings and materials can be found on our website at www.dfwcleancities.org/dfw-clean-cities-meetings

Second Annual Oncor Road Rally

This year several communities across Texas organized an EV Road Rally near you. As part of the EV Road Rally, an EV driver and navigator drove a timed course that consisted of visiting city waypoints or landmarks along a route. The team that came closest to the run for record time at each location took home the Oncor Trophy and a \$250 cash prize!

The winners of the Oncor Road Rally:

City of Allen Winners: Rob and Amanda Herman

City of Dallas Winners: Blackburn and Audrey Cho

City of Irving Winners: Simon and Danielle Mahon

City of Jacksonville Winners: Jennifer and Bart Stewart

City of Southlake Winners: Craig and Carrie Manning

View the video [here](#).

North Texas Bicycle and Pedestrian Project Awarded \$23.5 Million

The Regional Transportation Council (RTC) has awarded \$23.5 million towards bicycle and pedestrian projects in Tarrant, Dallas, and Collin county. This sum is supplemented by an additional \$3.5 million from the counties themselves for a total investment of \$27 million. The focus of these projects will be to better connectivity to schools and workplace hubs by ensuring biking and walking safety. Read more from [NBC DFW](#).

Kandi Brings the 'Most Affordable' Electric Cars in the U.S. to Dallas-Fort Worth

Kandi America, a subsidiary of the Chinese electric vehicle maker Kandi Technologies Group Inc, is bringing their new electric vehicles to Dallas. Many companies are beginning to expand in the DFW region due to the growing market for electric vehicle technology. Kandi's new vehicles, the K23 and K 27 are priced at \$13,000 (after incentives) with a range of 100 miles and \$22,499 (after incentives) with a range of 180 miles, respectively. Read more about these new vehicles on [Dallas Innovates](#).

Construction of Texas High-Speed Railway in US Set to Begin

The high-speed railway connecting Dallas to Houston has been federally approved and set to begin. This railway is projected to create thousands of jobs and over \$36 billion in economic benefits over the next 25 years. The route will carry travelers from Dallas to Houston with a stop at Brazos Valley in 90 minutes. Read more about the project from [Construction Review Online](#).

Arlington to Start Autonomous Vehicle Rideshare Program in March 2021

Arlington's rideshare service, Via on-demand, is getting an upgrade. The Rideshare, Automation, and Payment Integration Demonstration (RAPID) project is planning to fully integrate autonomous vehicles into the service. Arlington city officials will hold a public input period and hope to launch the vehicles in March 2021. Read more about this and other state news on [Texas Government Insider](#).

Industry Updates

Walmart Canada aims to convert 20 percent of their fleet to electric vehicles by 2022

Walmart Canada is now reserving a total of 130 Tesla Semi trucks, making it one of the largest reservations of electrified trucks in the country. They have announced a \$3.5 Billion investment over the next 5 years in order to meet help their business grow and to meet their global goal to target zero emissions by 2040. Read more about these efforts on the [Cision website](#).

How Does a Chevy Bolt Turn into an Electric Cargo Van?

Fleet operators looking for an electric vehicle that can haul more cargo will benefit from an

OEM option for the Chevy Bolt. General Motors offers the option to remove the rear seats, expanding the rear storage capacity to from 54.6 to 66 cubic feet. In addition, there are also upfits for rear storage boxes, further expanding the utility of the electric vehicle. More details can be found on [Fleet Forward](#).

Toyota expects to sell 5.5 million electric cars and hybrids by 2025

Electrification is happening faster than we had anticipated, as a result Toyota Motor Corp is expected to meet their sales goal 5 years ahead of schedule. Although this is not a formal goal for the company, the rapid increase of EV adoption indicates that it could be a possibility. Read more on [Autoblog](#).

Ford to Build New Electric F-150 at Historic Dearborn Site

Ford has begun construction on a new plant that will manufacture their new electric F-150. The plant will cost almost \$700 million and it will add around 300 new jobs to Dearborn, Michigan. The F-150 is currently Ford's best-selling truck, and that demand is expected to be prevalent for the new F-150 as well. Read more about the new plant on [CNN](#).

Mack Commercializes the LR Electric Refuse Truck

Mack Trucks has announced that orders for their Mack LR Electric, an all-electric refuse truck, will open in the fourth quarter of 2020. The trucks will begin to be delivered in early 2021. The truck will have multiple benefits such as lowering noise pollution and producing zero-emissions, while still maintaining the power needed. Read more about this new vehicle on [Government Fleet](#).

California to Ban all new gas-powered cars by 2035

The recent executive order from California Governor Gavin Newsom furthers the state's goal of decreasing greenhouse gas emissions. In California, the transportation sector contributes over half of the carbon emissions, and 80 percent of smog-producing pollutants. Although gasoline vehicles can no longer be sold starting in 2035, new or used, the public will still be able to own them. Read more from [Desert Sun](#).

USDA Announces at least \$22 million Investment to Increase American Biofuel Demand

The United States Department of Agriculture is providing a \$22 million investment into ethanol and biodiesel. This grant can be used by gas stations, fleet facilities, fuel terminal partners and other industry partners. The investment is projected to increase ethanol demand by over 150 gallons. More grants will be announced soon. Read more from [Wisconsin State Farmer](#).

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](#).

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.

Eligible applicants:

- Governments or Governmental Subdivisions or Agencies
- Individuals
- Corporations
- Organizations
- Business trusts
- Partnerships
- Associations
- Other legal entities
- All applicants must be eligible to do business in Texas.

Eligible Activities:

Purchase and installation of new light-duty electric vehicle Level 2 charging equipment.

Funding is available statewide for equipment installed:

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 will be made 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%

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

Notice for Upcoming Emissions Reduction Incentive Grants Program

The Texas Commission on Environmental Quality (TCEQ) Texas Emissions Reduction Plan (TERP) program is providing **advanced notice** for the opening of the Emissions Reduction Incentive Grants (ERIG) program. Application forms may not be submitted until the grant program officially opens on or after November 12, 2020. This grant round will remain open for 60 days.

Eligible Applicants:

Eligible applicants include individuals, corporations, organizations, governments or governmental subdivisions or agencies, business trusts, partnerships, associations, or any other legal entity that:

- have owned and operated the equipment being replaced for at least the two years immediately preceding the application signature date; and
- commits to using the grant-funded equipment at least 55 percent of the annual mileage or hours of operation in one or more of the eligible areas designated below.

Eligible Areas:

- Austin Area: Bastrop, Caldwell, Hays, Travis, and Williamson Counties
- Beaumont-Port Arthur Area: Hardin, Jefferson, and Orange Counties
- Corpus Christi Area: Nueces and San Patricio Counties
- Dallas-Fort Worth Area: Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties
- El Paso Area: El Paso County
- Houston-Galveston-Brazoria Area: Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties
- San Antonio Area: Bexar, Comal, Guadalupe, and Wilson Counties
- Tyler-Longview Area: Gregg, Harrison, Rusk, Smith, and Upshur Counties

TCEQ plans to host three informational webinars covering program requirements prior to the grant round opening. Find more information [here](#).

Diesel Emissions Reduction Calls for Projects

North Central Texas Council of Governments has opened three calls for projects (CFPs) that are offering approximately \$4 million total in grant funding for diesel emissions reduction projects! 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 ten-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 ten-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 ten-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 \$1 million available
 - Up to 30 percent of the project cost
- **NTERP:** Rebate grants, approximately \$2.3 million available
 - 45 percent if New Vehicle/Equipment is Electric
 - 35 percent if New Vehicle/Equipment is Powered by Engine Certified to California Air Resource Board Optional Low-NOx Standards
 - 25 percent Cost for All Others
- **CFNT:** Grants, approximately \$660,000 available
 - 45 percent if New Vehicle/Equipment is Electric
 - 35 percent if New Vehicle/Equipment is Powered by Engine Certified to California Air Resource Board Optional Low-NOx Standards
 - 25 percent Cost for All Others

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

Training Resources

PlugStar Electric Vehicle Dealer Sales Training

Electric Vehicle (EV) registration has grown exponentially in the last 10 years in North Texas and EVs are expected to continue gaining market share in the coming years. Car dealers whose staff understand the basics of EVs and are prepared to sell them will be better positioned to adapt to the changing market.

Plug In America has developed an electric vehicle training course in conjunction with its PlugStar resources. PlugStar is a one-stop-shop for all things EV – making it one of the best resources to market EV availability. The EV training course is based off insight received from dozens of interviews with dealers. This course is designed by and for dealers and includes training on the fundamentals of EVs as a product category, EV charging basics, nationwide and local EV incentives, utility rates, EV programs, PlugStar tool tutorial and setup, and EV sales best practices.

Sign up at www.pluginamerica.org/evtraining

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 cleacities@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

Clean Cities Sponsorship

We have rolled out a new, streamlined way to make a DFW Clean Cities sponsorship by paying online with a credit card! For full details, check out the updated sponsorship page at <https://www.dfwcleancities.org/sponsorus>.

DFW Clean Cities relies on sponsor support to enhance certain fund its initiatives, including hosting workshops, trainings, developing educational materials, or providing non-federal matching funds on grant proposals.

Thanks to our Level 3 DFW Clean Cities Sponsors: the [Texas Natural Gas Vehicle Alliance](#), [GPS Insight](#), and [InGevity](#)!



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Resources

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

Contact Us

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