



Dallas-Fort Worth  
CLEAN CITIES

# DFW Clean Cities Newsflash

Official Publication of the Dallas-Fort Worth Clean Cities Coalition

August 2021

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**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!



# FREEWIRE

## Upcoming Events

### Fleet Electrification: Electric Truck Webinar

Join NCTCOG for the Fleet Electrification: Electric Truck Webinar. Fleet Managers, Energy Managers, and Directors of Transportation of public and private fleets are encouraged to attend to hear directly from electric truck manufacturers on their electric trucks. Also, DFWCC will provide an update on available funding.

Date: Wednesday, September 29

Time: 3:00 - 4:30 p.m. C.T.

To register go [here](#).

### North Texas Facilities Expo

Looking to network and learn valuable information about facilities engineering, maintenance repair and operations (MRO), and green building communities? The North Texas Facilities Expo is the perfect opportunity for local facility managers to expand their thinking and gain expertise. In this two-day event featuring conference sessions and an exhibition hall, registrants can attend sessions on building safety, water management, conflict management, disaster preparation, network, and more! North Texas Facilities Expo is **free to register and attend**, so sign up now!

Date: Wednesday, October 20 and Thursday, October 21

Time: Wednesday: 9:00 A.M. - 3:00 P.M. C.T. ; Thursday: 9:00 A.M. - 2:00 P.M. C.T.

Address: Esports Stadium Arlington and Expo Center: 1200 Ballpark Way, Arlington, TX 76011

Check out the North Texas Facilities Expo website to learn more and register!

<https://www.fent.facilitiesexpo.com/>

### North Texas National Drive Electric Week (NDEW)

Join NCTCOG and DFW Clean Cities for various events during National Drive Electric Week (NDEW) from Saturday, September 25 to Sunday, October 3 to celebrate all things electric! On Sunday, October 3, NCTCOG will host an outdoor event with a showcase of all makes and models of electric vehicles (EV), opportunities to visit with both EV owners and technology vendors, and an EV-related film screening. For more information on the various events occurring throughout the week and to register for the events, please visit the [DFWCC website](#).

## Congratulations to DFW's 2021 Leading Fleets

Government Fleet magazine has announced its winners of the 2021 Leading Fleets. 50 fleets are chosen across the country based on their efficiency, planning for the future, and more. Congratulations to the **City of Irving** for winning a Leading Fleet Award! Additionally, congratulations to the Notable Fleets in the DFW region: City of Fort Worth, City of Frisco, City of Coppell, City of Grand Prairie, City of Lewisville, and Dallas County. Thank you for your hard work! Read the full list of Leading Fleets at [Government Fleet](#).

## DFW Fleets Encouraged to Test Clean Vehicle Technologies

Local Dallas-Fort Worth fleets are encouraged to take advantage of clean vehicles available to borrow through Dallas-Fort Worth Clean Cities (DFWCC) Try and Drive Alternative program!

The directory of clean vehicle technologies available for borrowing can be accessed from the [Try and Drive Alternative website](#). As of May 18, 2021, available technologies include:

- 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](mailto:cleancities@nctcog.org).

## Aggie Spirit Bus Goes Green

Texas A&M's Department of Transportation Services has launched three new all-electric buses! This pilot program will compare the total cost of operating a new electric bus to a diesel bus, and will also study how bus occupancy, weather, and more, can affect the bus's performance. Read more about the program at [The Battalion](#)

## Four New Tesla Superchargers in Centerville, Texas

Tesla recently added four new superchargers in Centerville, Texas, thanks to the swift help of Oncor Electric. The site fills a corridor gap that will help Tesla owners navigate along Interstate Highway 45, and the site will be critical to relieve congestion on the Tesla network between Dallas and Houston. From Saturday, July 2 through Monday, July 5, these sites completed more than 160 charging sessions.

### Station Details:

Woody's Smokehouse  
947 St. Mary's Street  
Centerville, TX 75833

### Open Hours:

24 hours/7 Days a Week

## Governmental Alternative Fuel Fleet Grant Program (GAFF) Applications in Dallas-Fort Worth

The Texas Commission on Environmental Quality (TCEQ) has announced the applicants of the Texas Emission Reduction Plan's [Governmental Alternative Fuel Fleet Program](#) (GAFF), and the Dallas-Fort Worth region has been very proactive in applying for funds through this program. The

GAFF program is a competitive program for replacing or expanding a fleet's alternative fuel vehicles. The alternative fuels eligible for funding included compressed natural gas, liquefied natural gas, propane, hydrogen fuel cells and electricity. Dallas-Fort Worth applicants included:

- Sanger Independent School District- Requested \$210,000 to scrap 3 vehicles for 3 propane vehicles
- City of Plano – Requested \$202,000 to scrap 7 vehicles for propane and electric
- City of Watauga – Requested \$100,000 to purchase 5 electric vehicles
- Dallas Fort Worth International Airport Board- Requested \$715,000 to purchase 40 electric vehicles

Up to \$6 million was available to award under this Request for Grant Applications. The full list of applicants can be viewed [here](#). The TCEQ will announce the awardees of the GAFF program at a later date.

### Grubbs Family of Dealerships Announces the Addition of Polestar

The Grubbs Family of Dealerships has added Polestar to their already growing group of dealerships. With the announcement of Polestar, Grubbs will officially add the first all-electric Auto Brand to Grapevine. Polestar is a high-performance car brand currently with two all-electric cars, the Polestar 2 and Polestar 3. Learn more about this new dealership [here](#).



### Nikola Adds 2 Dealerships in Dallas-Fort Worth

Nikola Corporation has announced an expansion of their dealer network into Dallas-Fort Worth! Nikola has added 2 dealerships in Dallas-Fort Worth, bringing the number of Nikola sales and service locations to 116 across the United States. Nikola provides heavy-duty commercial battery-electric vehicles (BEV), fuel-cell electric vehicles (FCEV) and energy infrastructure solutions. Read more about Nikola's expansion in the United States at [Nikola Motor](#).

### Texas Loses to Oklahoma on Electric Vehicle Company Canoo's 'Mega-Factory.' Power Grid Cited as One Reason

The electric vehicle maker Canoo decided to forgo building a new plant in North Texas and instead go to the Tulsa region to build a new factory. Canoo cited Oklahoma's "energy-forward initiatives" and the Texas infrastructure issues as the deciding factors in their decision. Read more at the [Dallas Morning News](#).

## Industry Updates

*Inclusion does not imply an endorsement or promotion by NCTCOG*

### Peterbilt Delivers Electric Truck to Alaska

Peterbilt has delivered the first Model 220EV battery-electric truck to the Municipality of Anchorage Department of Solid Waste. The model 220EV has two battery packs and an on-board charger, providing a cleaner and more efficient operation than the same diesel truck, with lower overall maintenance requirement and 200 miles in range. Read more at [Work Truck Online](#).

### DeKalb County Reports Successful Compressed Natural Gas Truck Deployment

DeKalb County in Georgia has recently switched a few diesel refuse trucks to compressed natural gas (CNG) refuse trucks and saw increased uptime, reduced maintenance needs, and reduced costs with these vehicles. DeKalb County is successfully operating 337 CNG vehicles out of 3,600 total vehicles. These 337 CNG vehicles are varied and include front loaders, automated side loaders, rear loaders, refuse trucks, road tractors, vans, and sedans. Read more about

DeKalb's successful CNG vehicle deployment at [Government Fleet](#).

## Chevron Partners with Cummins to Develop Hydrogen Opportunities

Chevron USA and Cummins have announced a memorandum of understanding (MOU) to explore hydrogen and other alternative energy sources business opportunities. Chevron and Cummins' objectives include: advancing public policy promoting hydrogen, building market demand for hydrogen, developing infrastructure for hydrogen, and exploring opportunities to use Cummins' electrolyzer and fuel cell technologies at Chevron's refineries. Read more about this partnership at [Environmental+Energy Leader](#).

## Pittsburgh International Airport Becomes the First Airport in the World Run Completely by Natural Gas and Solar Energy

Pittsburgh International Airport has developed a microgrid completely powered by natural gas and solar energy. With over 9,360 solar panels, Pittsburgh International Airport is able to supply the terminals, airfield, Hyatt hotel, and the local Sunoco with energy. This was made possible through a partnership with Pittsburgh International Airport and Peoples Natural Gas, who was awarded a contract to build, maintain and operate the microgrid. Read more about this achievement at [Environment + Energy Leader](#).

## Clean Energy Fuels Announces Renewable Natural Gas Contracts

Clean Energy Fuels has announced several new contracts for renewable natural gas (RNG) across North America. One of the contracts is with EVO Transportation & Energy Services, Inc., who currently provides services the United States Postal Service. Additional RNG contracts include transit buses, refuse trucks, solid waste trucks, a bulk hauler, and more. Read more at [Government Fleet](#).

## New Study Busts Common Electric Vehicle Myth

A new study by the International Council on Clean Transportation has found that electric vehicles have lower lifetime greenhouse gas emissions than conventional vehicles, even when including vehicle production, and even if the electricity production is mostly coal powered. The report also analyzed the life cycle emissions of hydrogen fuel cell vehicles, natural gas vehicles, and low-carbon biofuels. Read more at [The Verge](#).

## Legislative Updates

The Texas Legislature's 87th Regular Session has finished! DFWCC has highlighted several bills related to alternative fuels and fleets which have passed, been signed by Governor Abbott, and go into effect September 1, 2021

**[HB 2361 \(Landgraf\)](#)** – Relating to new technology implementation grant program

- Amends the Health and Safety Code to include projects that reduce flaring emissions and other site emissions among the projects for which TCEQ is required to give preference in awarding grants under the new technology implementation grant program.
- Grants may pay for the incremental costs of the lease of a project

**[HB 4472 \(Landgraf\)](#)** - Relating to the Texas Emissions Reduction Plan (TERP) fund and account

- Allocates no less than 35% of TERP revenue to the state highway fund for use by TxDOT for congestion mitigation and air quality improvement projects in nonattainment areas and affected counties rather than for direct provision of emission reduction grants.
- Any unencumbered funds at the end of the biennium will be transferred to the state highway fund.
- Requires TCEQ to include projects that reduce flaring emissions and other site emissions among those to which it gives preference.
- Includes lease costs as an allowable expense for a grant project installing emissions reducing equipment.
- FY 2022 TERP Fund Impact: Estimated \$90,390,000 decrease in revenue



### [HB 963 \(Lozano\)](#)- Relating to TX Natural Gas Vehicle Grant Program

- Allow for the purchase of new or used natural gas vehicle (must be model 2017 or later; may not be more than 6 years older than current model year at time of submission).

### [SB 1064 \(Alvarado\)](#)- Relating to the extended registration of certain county fleet vehicles

- Would allow for an extended registration of a fleet to a county with a population of 3.3 million or more for a period of up to eight years.

### [SB 1202](#)- Relating to the applicability of certain utility provisions to a vehicle charging service.

- Excludes EV charging service providers from being considered as an "electric utility," "retail electric provider," or "retail electric utility".

## Comment and Engagement Opportunities

### Renewables Aggregation Cohort Opportunity

To engage and support peer exchange and collaboration on environmental and sustainability initiatives, the [North Texas RISE Coalition](#) would like to make you aware of the following opportunity.

As local governments and institutions set ambitious renewable energy goals, on-site solar installations and utility solutions may not help them in meeting or exceeding those goals. The [World Resources Institute \(WRI\)](#) and [Rocky Mountain Institute \(RMI\)](#) have developed a cohort to offer free workshops, tools, resources, and peer learning opportunities to help small groups of local governments (and/or other local institutions) procure large-scale renewables at economies of scale. The WRI/RMI team will be walking participants through the aggregation process and facilitating group alignment on key elements of a joint RFP for a physical or virtual power purchase agreement (PPA). The cohort will combine plenary sessions - on topics like legal and accounting challenges and risk mitigation - with small group discussion.

The cohort has begun and will continue until June 2022 and will include monthly webinars featuring about 10 groups from regions across the country. There are no commitments required to join but attending the monthly virtual workshops is needed to be successful.

On behalf of the North Texas RISE Coalition, an informational webinar was held on April 23, 2021, and the recording can be found on the North Texas Rise Coalition website, <https://www.nctcog.org/envir/development-excellence/rise-coalition>.

Those interested in signing up for the cohort, can fill out the following [application](#). For any questions about the opportunity, reach out to Zach Greene at [zach.greene@wri.org](mailto:zach.greene@wri.org).

### Applications Sought for Texas Environmental Excellence Awards

The Texas Commission on Environmental Quality is now accepting applications for the 2022 Texas Environmental Excellence Awards (TEEA). The TEEA is used to acknowledge environmental preservation and protection and has ten categories which gives citizens, communities, businesses, and organizations the opportunity to be recognized.

Applications must be submitted by September 24, 2021. To apply or nominate an environmental effort, visit the [TEEA webpage](#).

## 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

## Notice of Loan Fund Availability — Loanstar Program

Texas Comptroller of Public Accounts (CPA)'s State Energy Conservation Office (SECO) is accepting applications for the LoanSTAR (Saving Taxes and Resources) Program. This program awards low-interest loans to Texas public institutions to help finance their energy-related, cost-reduction retrofit projects.

### Grant Details

- Maximum loan size per application: \$8 million
  - For loans funded with repaid ARRA funds, the minimum loan size is \$3 million.
- Maximum number of loans for this solicitation: three per applicant
- Loan interest rate: 2 percent annually (1 percent for ARRA funds)
- 15-year maximum loan term
- Borrower must own but need not occupy or operate facility
- HVAC saving degradation rate of 0.75% annually
- Open enrollment through **August 31, 2021**

For more information, please go [SECO website](#).

## FINAL MONTH: Texas Volkswagen Environmental Mitigation Program (TxVEMP) Level 2 Charging Funding

Texas Volkswagen Environmental Mitigation Program (TxVEMP) is still accepting applications for the purchase and installation of Level 2 charging equipment for light-duty zero emission vehicles in the State of Texas. In the past month, demand for funding has substantially increased, so apply as soon as possible to take advantage of first-come, first-served funding. The funds can also be used for [workplace charging](#), and sites at [multi-unit dwellings](#). Applicants have 24 months to install equipment after application award.

### Eligible Activities:

Purchase and installation of new light-duty electric vehicle Level 2 charging equipment in a public place, workplace, or multi-unit dwelling.

### 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. Up to 10 charging stations may be included in a single application, and there are no limitations on the number of applications an entity can submit. 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 can be found at the [TCEQ website](#).

## Diesel Emissions Reductions Calls for Projects

North Central Texas Council of Governments has two calls for projects (CFPs) open with approximately \$1 million remaining in grant funding for diesel emissions reduction projects! **The next application deadline for these CFPs is Friday October 8, 2021, 5 p.m.** 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.
- **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.
  - **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 percent of the project cost
  - **CFNT:** Grants, approximately \$109,000 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

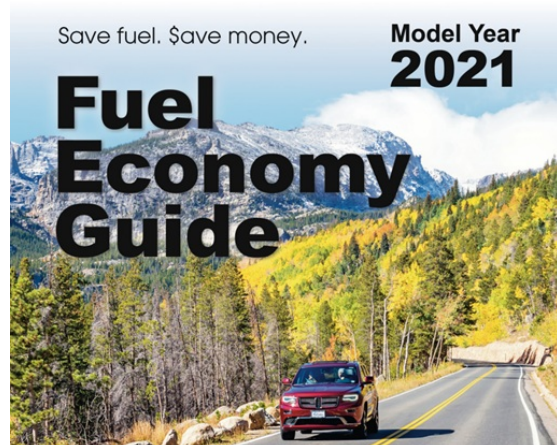
### DFWCC First Responder Safety Training for Electric Vehicles

The National Alternative Fuels Consortium (NAFTC) and Dallas-Fort Worth Clean Cities held a First Responder Safety Training for Electric Vehicles in June 2021. This webinar recording can be viewed [here](#).

### Model Year 2021 Fuel Economy Guide Now Available

Thinking of buying a new car to save on fuel? The U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE)'s *2021 Fuel Economy Guide* is now available online and provides detailed fuel economy estimates for Model Year 2021 light-duty vehicles, along with estimated annual fuel costs.

Check out the *Guide* online at [Fuel Economy](#).



### 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 [cleacities@nctcog.org](mailto: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

## 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](http://www.dfwcleancities.org).