



North Central Texas  
Council of Governments



Dallas-Fort Worth  
CLEAN CITIES

# DFWCC – Funding Overview and 2019 Survey Results & Recognition Awards

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name and organization in the chat box.

For Audio Through Phone  
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# DFWCC – Funding Overview and 2019 Survey Results & Recognition Awards



Dallas-Fort Worth  
CLEAN CITIES



North Central Texas  
Council of Governments

December 15, 2020

This meeting is not being recorded.





# FUNDING

More Information and Program Opening Dates at: [nctcog.org/aqfunding](https://nctcog.org/aqfunding)



# TCEQ – Available Replacement Programs

Funding Agency	Program	Eligible Applicants	Eligible Activities	Old Vehicle Criteria	Funding Levels	Deadline
TCEQ	<a href="#">TxVEMP Freight/Port Drayage Vehicles</a>	Public or private entities/ individuals	Replace or repower heavy-duty vehicles or equipment	<b>Fuel:</b> Diesel <b>Model Year:</b> 1992 – 2009 <b>GVWR:</b> >14,001 lbs.	Public Owned: Up to 80% Private Owned: Up to 50%	January 27, 2021
TCEQ	<a href="#">TxVEMP Refuse Vehicles</a>	Public or private entities/ individuals	Replace or repower heavy-duty vehicles or equipment	<b>Fuel:</b> Diesel <b>Model Year:</b> 1992 – 2009 <b>GVWR:</b> >26,001 lbs.	Public Owned: Up to 80% Private Owned: Up to 50%	January 27, 2021
TCEQ	<a href="#">TERP Emissions Reduction Incentive Grants</a>	Public or private entities/ individuals	Replace, repower, or new purchase/ lease heavy-duty vehicles or equipment	<b>GVWR:</b> >8,501 lbs.	Up to 80%, capped at \$17,500 per ton NOx reduced	January 11, 2021
TCEQ	<a href="#">TERP Natural Gas Vehicle Grant Programs</a>	Public and private entities	Replace or repower a heavy-duty or medium-duty motor vehicle with a CNG, LNG or LPG vehicle	<b>Fuel:</b> Diesel or Gasoline <b>GVWR:</b> >8,501 lbs.	Up to 90% of the new replacement vehicle or engine	February 26, 2021



# NCTCOG – Available Replacement Programs

Funding Agency	Program	Eligible Applicants	Eligible Activities	Old Vehicle Criteria	Funding Levels	Deadline
NCTCOG	<a href="#">Clean Fleets North Texas (CFNT) 2020</a>	Local governments or private companies that contract with local governments	Replace heavy-duty diesel vehicles and equipment	<b>Fuel:</b> Diesel <b>Model Year:</b> 1996 – 2006 (up to 2009 if replacing with electric) <b>GVWR:</b> >16,001 lbs.	<b>Up to 45%</b> if electric <b>Up to 35%</b> if new engine is certified to CARB Low NOx standards <b>Up to 25%</b> for all others	<b>First deadline January 8, 2021 with rolling deadlines every three months until October 8, 2021</b>
	<a href="#">North Texas Emissions Reduction Project (NTERP) 2020</a>	Private entities				



# TxVEMP – Zero Emission Vehicle (ZEV) Supply Equipment Grants

**Eligible Applicants:** Governments, Individuals, Corporations, Organizations

Purchase and Install Level 2 Charging Stations for Light-Duty Vehicles

- Up to \$2,500 per Installation Not to Exceed:
  - Electric Chargers Available to Public: 70%
  - Electric Chargers Available to Workplace or Multi-Unit Dwelling: 60%
- Level 2 charging equipment must:
  - Offer SAE J1772 Connector
  - Include a dual mount pedestal with charge connect height of < 48" and > 24"
  - Utilize Open-Source Software Where Payment is Required

**First-Come, First-Served; \$10.1 Million Available Statewide**

**Application Deadline: September 9, 2021**

[texasvwfund.org](https://texasvwfund.org)



# TERP – Light-Duty Motor Vehicle Purchase or Lease Incentive Program

**Eligible Applicants:** Governments, Individuals, Corporations, Organizations

**Eligible Activities:** Rebates for purchase or lease of new light-duty vehicles powered by compressed natural gas (CNG), liquefied petroleum gas (LPG), hydrogen fuel cell, or electricity.

- **Max Rebate for CNG and LPG:** \$5,000
- **Max Rebate for Hydrogen Fuel Cell or Electric:** \$2,500

**Total Rebate Grants Available:** CNG/LPG: 1,000, Hydrogen/Electric: 2,000

- **Remaining Rebate Grants for CNG/LPG:** 994
- **Remaining Rebate Grants for Hydrogen/Electric:** 921

**First-Come, First-Served; Application Deadline: January 7, 2021**

[terpgrants.org](http://terpgrants.org)



# NCTCOG – North Texas Freight Terminal Electrification (NTFTE) 2020 CFP

**Eligible Applicants:** Private Freight Terminals or Distribution Centers Primarily Receiving Heavy-Duty Truck TRUs and Trailer TRUs

**Eligible Activities:** Construction and Installation of Electrified Parking Spaces for Heavy-Duty TRUs and Trailer TRUs, Electric Power Monitoring and Electric Power Connection Kits

- **\$1 Million Available in Rebate Grants:**
  - Funds Up to 30% of the Project Cost

**First Application Deadline: January 8, 2021; Final Deadline: October 8, 2021**

[nctcog.org/aqfunding](http://nctcog.org/aqfunding)



# 2019 SURVEY RESULTS



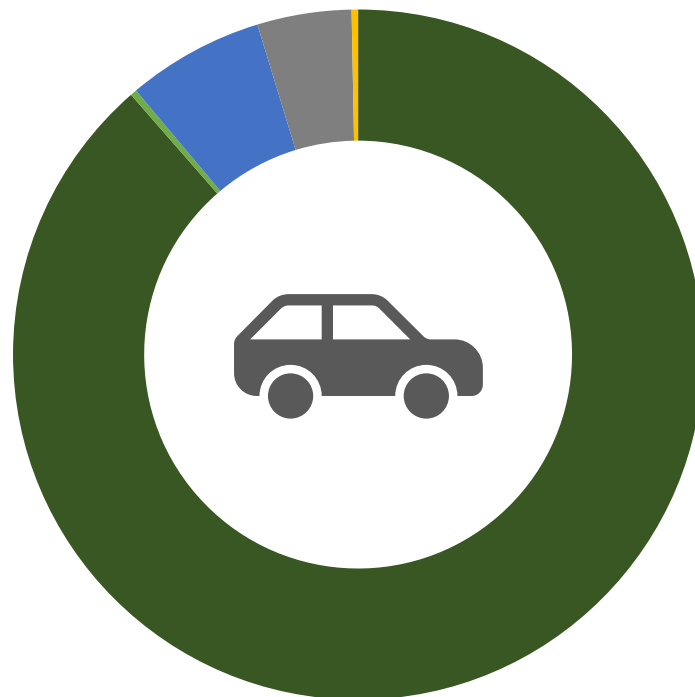
# DFWCC Impacts

9,871 Alternative Fuel  
Vehicles and Equipment  
Reported by 42 Fleets

(2019 Annual Report  
Data)

[dfwcleancities.org/annualreport](https://dfwcleancities.org/annualreport)

**~26 Million Gasoline Gallon Equivalent Reduced**



- Alternative Fuel Vehicles
- Hybrid Vehicles
- Fuel Economy Improvements
- Idle Reduction
- Alt Fuel Non-Road Equipment

## Carbon Impact



**72,094 Tons  
Greenhouse Gas  
Emissions Reduced**

## Ozone Impact

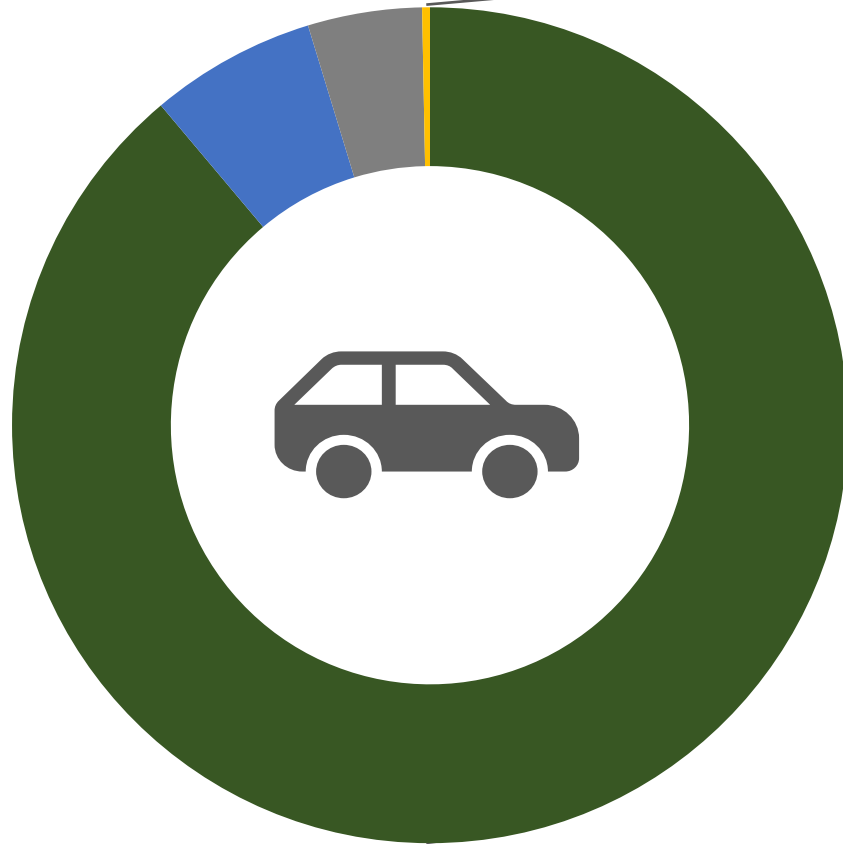


**~420 Tons  
Ozone Forming NO<sub>x</sub>  
Reduced**

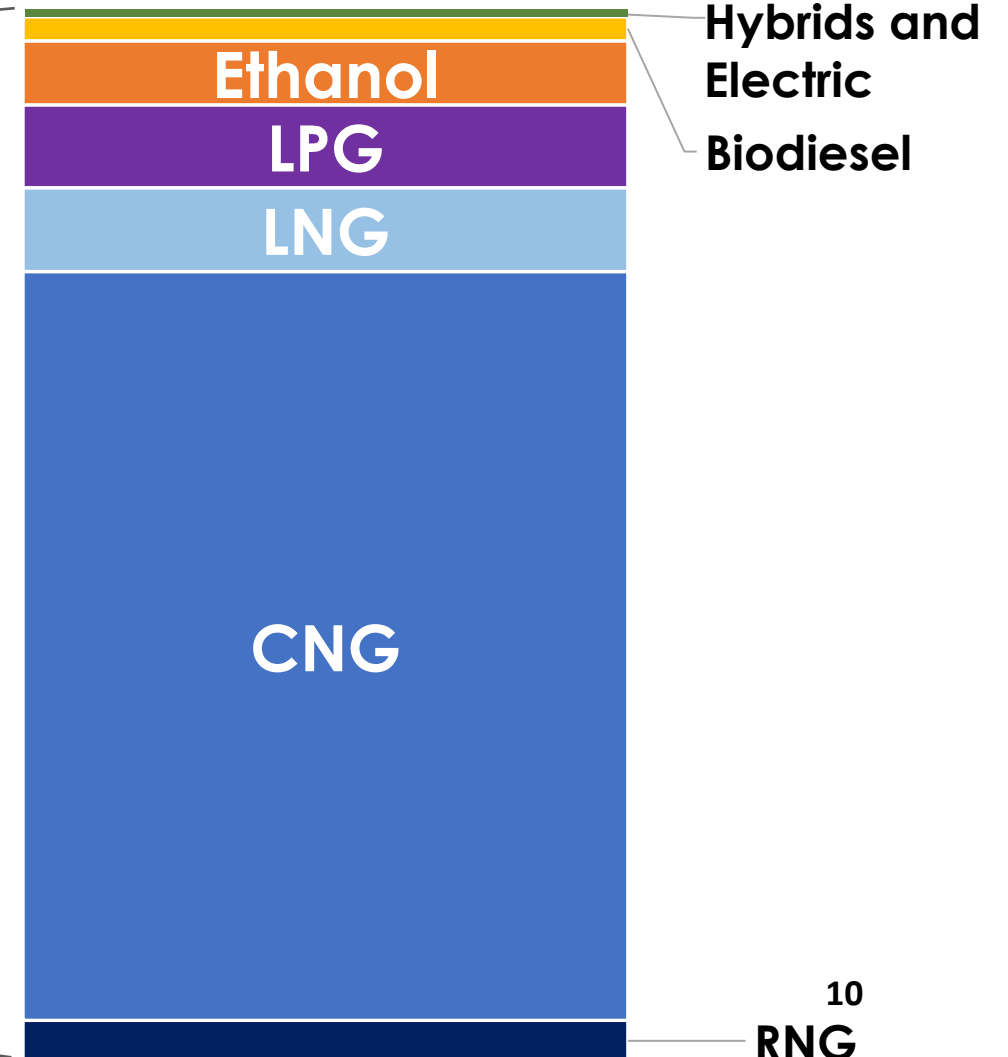


# 2019 Annual Energy Impact (2019 Annual Report Data)

## Total Energy Reduced



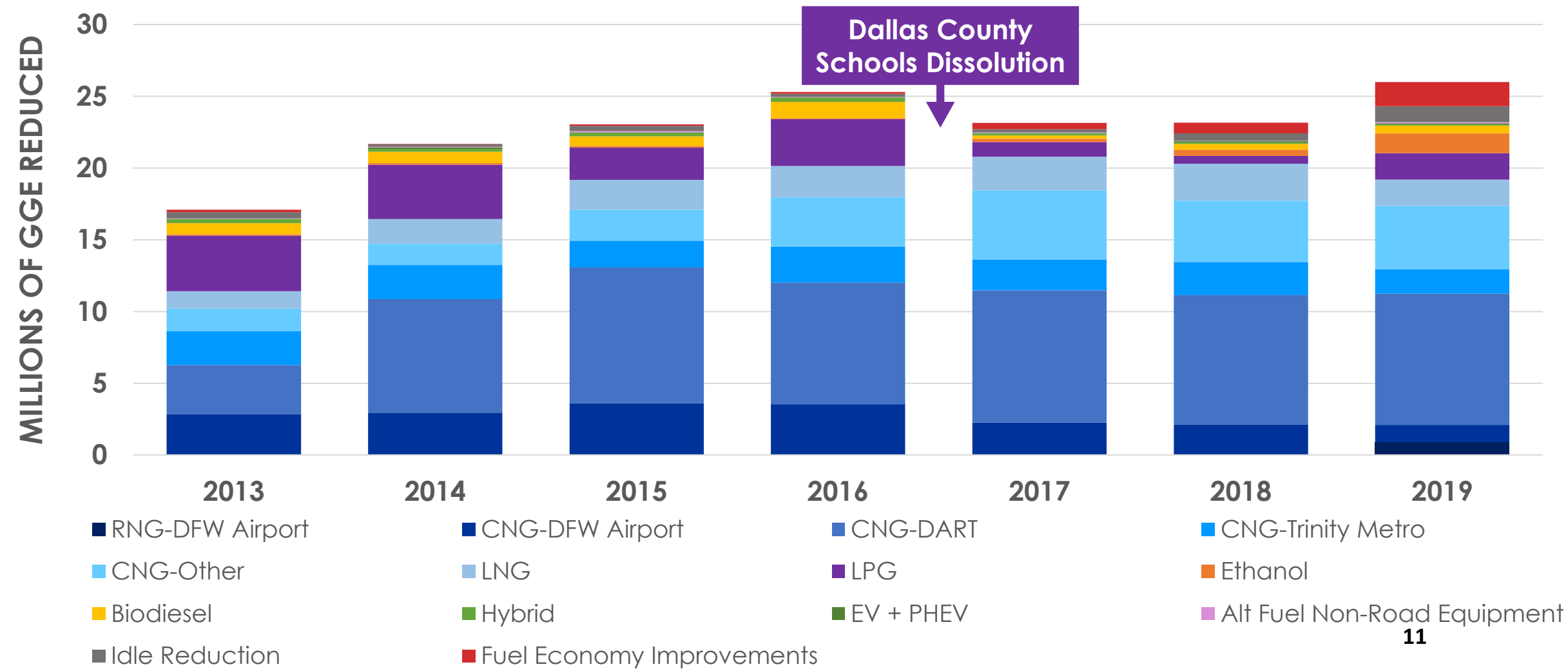
## Energy Reduced by Alternative Fuel Type



RNG-Renewable Natural Gas; CNG- Compressed Natural Gas;  
LNG- Liquefied Natural Gas; LPG- Liquefied Propane Gas  
<https://www.dfwcleancities.org/annualreport>

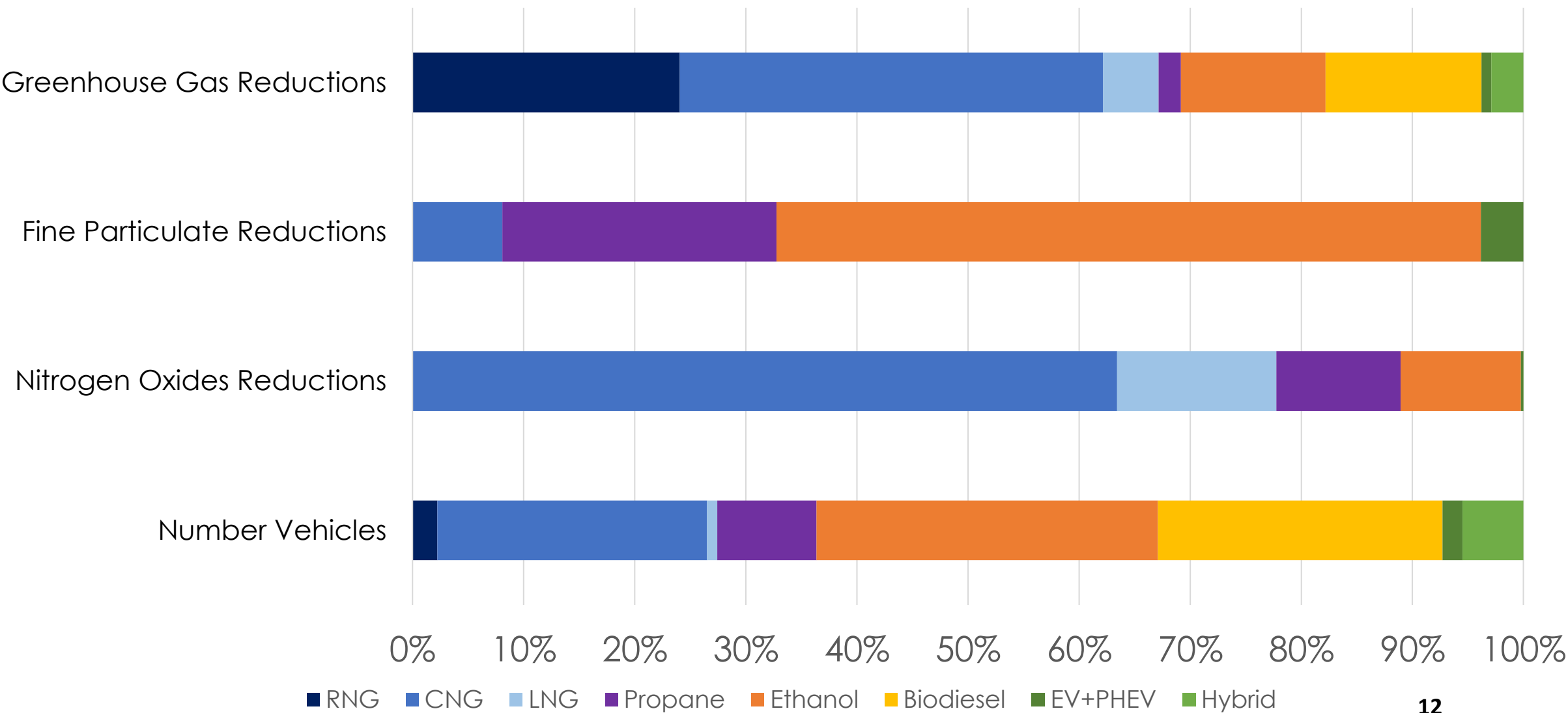


# Annual Energy Impact In Gasoline Gallon Equivalent (GGE) (2019 Annual Report Data)





# Impact of Various Fuel Types (2019 Annual Report Data)





# FLEET RECOGNITION AWARDS



# Recognition Criteria

Partnership with DFWCC	Emissions Reduction	Fuel Consumption Reduction	Familiarity with Goals
20 Points Maximum	45 Points Maximum	25 Points Maximum	10 Points Maximum
<ul style="list-style-type: none"> <li>Attendance and Presentation or Speaking at any DFWCC Sponsored Event/Webinar</li> </ul>	<ul style="list-style-type: none"> <li>Amount and Composition of Alternative Fuel Vehicles</li> <li>Implementation, and Enforcement of Idle Reduction Policy</li> <li>Time Idling Reduced</li> </ul>	<ul style="list-style-type: none"> <li>Overall Fleet Efficiency Improvements                             <ul style="list-style-type: none"> <li>Smaller Vehicles, Lightweight Materials, etc.</li> </ul> </li> <li>Practices to Reduce Vehicle Miles Traveled</li> </ul>	<ul style="list-style-type: none"> <li>Usage of Telematics</li> <li>Training of Fleet Staff</li> </ul>





# BRONZE FLEET WINNERS



# City of Arlington



**Al Mantell**, Fleet Manager

**Melody Champagne**, Admin Analyst

- Outstanding DFWCC Partnership







**Daniel Ford**, Director of Admin Services  
**David McBurnett**, Fleet Manager



- Large Percentage of Alternative Fuel Vehicles



# City of North Richland Hills



**Zane Ryan**, Fleet Manager

**Sharon Nagao**, Fleet Admin Secretary



- Strong Emphasis on Training
- Multiple Methods of Reducing Fuel Consumption, Including Idle Reduction and Carpooling



# City of Watauga



**Clint Harmon,**

Fleet and Facilities Superintendent

**Raquel Guajardo,** City Secretary



- Large Percentage of Alternative Fuel Vehicles
- Emphasis on Reducing Fuel Consumption Through Idle Reduction and Air Pressure Monitoring



# Tarrant County



**Joylee Russell,**

Director of Fleet Management

**Randall Skinner,**

Director of Transportation Services

- Diverse Alternative Fuel Vehicle Inventory





# Town of Addison



**Rob Bourestom,**

Director of General Services

**Ashlee Powell,**

General Services Management Assistant



- Strong Emphasis on Idle Reduction
- Use of Conventional and Plug-in Hybrid Vehicles



# Town of Flower Mound



**Billy Sterner,**

Fleet Services/Materials Manager

**Julie Taylor,** Fleet Supervisor

- Strong Idle Reduction Policy







**Bill Lambert**, Director of Maintenance  
**Sergio Rodriguez**,  
Manager of Maintenance



- Addition of Electric Transit Buses
- Outstanding DFWCC Partnership





# SILVER FLEET WINNERS





**Joe Grasmick**, Fleet Supervisor



CITY OF  
**BEDFORD**  
Discover the Center

- Strong Efforts to Reduce Fuel Consumption



# City of Coppell



**Mark Brochtrup,**  
Fleet Services Manager

- Diverse Alternative Fuel Vehicle Inventory with Electric Vehicles
- Strong DFWCC Partnership







**Debbie Jackson,**

Fleet Business Operations Manager

**James W. Childers,**

Assistant City Manager

- Outstanding DFWCC Partnership
- Addition of a Battery Electric Vehicle





# City of Mesquite



**Arthur Grothe,**

Equipment Services Manager

**Jason Copeland,**

Assistant Equipment Services Manager



- Emphasis on Idle Reduction Through Telematics Pilot
- Diverse Alternative Fuel Vehicle Inventory, Including LPG and Hybrid Vehicles





**Alan Wilcox,**  
Fleet Maintenance Supervisor  
**Jennifer Adair,**  
Fleet Operations Specialist



- Impressive Alternative Fuel Vehicle Inventory
- Increased LPG Adoption





**Anna Hamrick,**

Director of Transportation

**Curtis Macdonald,**

Fleet Operations Supervisor

- Outstanding LPG Vehicle Inventory
- Strong DFWCC Partnership







# **GOLD FLEET WINNERS**





**Dwayne Bianco,**

Director of Fleet/Facilities

**Chrystal Davis,**

Assistant City Manager



- Addition of More Efficient Vehicles Including 5 Battery Electric Vehicles





**Jimmy Solis**, Manager II  
**Timothy Hardy**,  
Fleet Operations Specialist



**City of Dallas**

- Addition of Many Alternative Fuel Vehicles
- Diverse Alternative Fuel Inventory, Including Electric and CNG Vehicles



# City of Denton



**Terry Kader**, Fleet Superintendent  
**Brad Holland**, Fleet Specialist



- Addition of 2 Battery Electric Vehicles
- Diverse Alternative Fuel Inventory Including Hybrids, Battery Electric, and CNG Vehicles



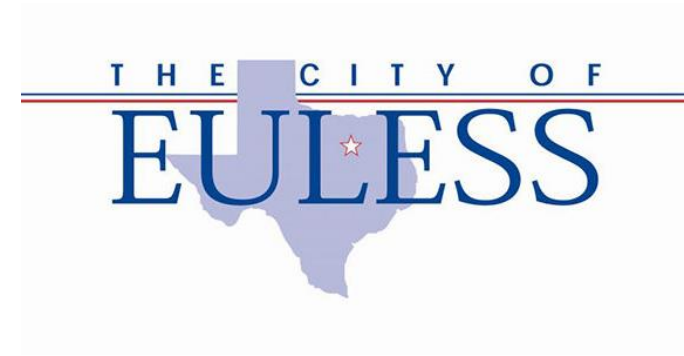


**Kyle McAdams,**

Fleet & Facility Director

**Blake Cloud,**

Fleet & Facility Supervisor



- Outstanding Efforts to Reduce Fuel Consumption Through Increased Efficiency and Idle Reduction





**Francis Mascarenhas,**  
Internal Services Manager  
**Steve Patrick,**  
Fleet Operations Supervisor



**LEWISVILLE**

Deep Roots. Broad Wings. Bright Future.

- Impressive Adoption of Hybrid and Electric Vehicles
- Strong DFWCC Partnership





**Tim Slifka**, Purchasing Manager  
**Sharen Jackson**,  
Chief Financial Officer



- Emphasis on Reducing Fuel Consumption Through Idle Reduction and Increased Fleet Efficiency
- Strong Alternative Fuel Vehicle Adoption



# Dallas Area Rapid Transit (DART)



**Darryl Spencer,**

Senior Assistant Vice President

- Diverse Alternative Fuel Inventory Including CNG and Electric Vehicles
- Outstanding DFWCC Partnership





# DFW Airport



**Ron Selby**, Fleet Programs Manager  
**Zoe Bolack**, Environmental Analyst



- Impressive Alternative Fuel Vehicle Inventory with Usage of RNG
- Outstanding DFWCC Partnership



SHINING STARS 



# Shining Stars

## Greatest Progress in NOx Reduction



**DFW Airport**  
Ron Selby

55,000 lbs. of NOx Reduced  
(27% Increase)



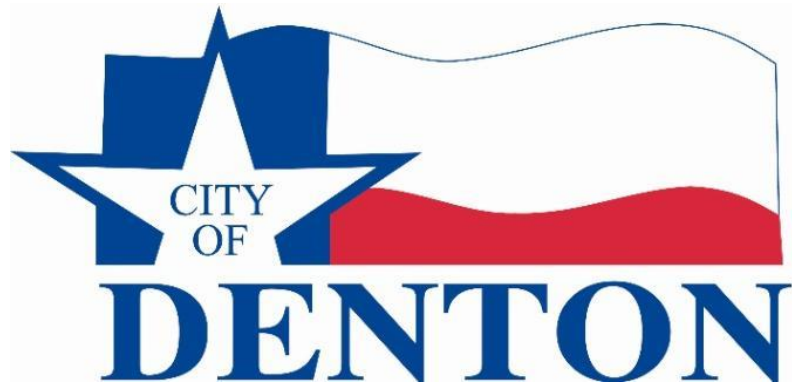
**North Richland Hills**  
Zane Ryan

6 lbs. of NOx Reduced  
(93% Increase)



# Shining Stars

## Greatest Progress in GGE Reduction



**City of Denton**  
Terry Kader

**698,000 GGE Reduced**  
**(65% Increase)**



**SPAN Transit**  
Nicholas Gray

**18,775 GGE Reduced**  
**(97% Increase)**



# Shining Stars

## Greatest Progress Transitioning to Alternative Fuels



**79% of Fleet Composed of  
Alternative Fuel Vehicles**



**Addition of 36 LPG Vehicles**



# 2020 ANNUAL SURVEY



# 2020 Annual Survey

- **2020 Survey Available in January**
- **Due to DFWCC: End of February 2021**



## **SPREAD THE WORD!**

Encourage your peers/customers to submit their fleet data and help us reach our 15% reduction goal!



# CONTACT

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