



## AGENDA

### DALLAS-FORT WORTH CLEAN CITIES TECHNICAL ADVISORY COMMITTEE

**Monday, January 27, 2025, 2:00 – 3:30 pm**

**Dallas-Fort Worth Clean Cities/North Central Texas Council of Governments**

(NCTCOG Guest Secured Wireless Connection Password: rangers!)

2:00 – 2:05	1. Welcome	Jose Correa
2:05 – 2:10	2. Committee Member Update	Kim Gray
2:10 – 2:20	3. Redesignation Follow-Up (Attachment 3)	Lori Clark
2:10 – 2:20	4. Regional EV Charging Station Projects <ul style="list-style-type: none"> <li>a. EMPOWER</li> <li>b. Charging Smart</li> <li>c. FHWA Charging Station Awards</li> </ul>	Jared Wright
2:30 – 2:40	5. Recap of Fleet Recognition Awardees/Annual Survey	Juliana VandenBorn Alyssa Cunningham
2:40 – 2:55	6. Coalition Staff Updates <ul style="list-style-type: none"> <li>a. Current TAC Stakeholders and Sponsors (Attachment 4)</li> <li>b. Feedback on Draft Project Management Plan (Attachment 5)</li> <li>c. Update on Strategic Plan goals             <ul style="list-style-type: none"> <li>I. Milestones</li> <li>II. Recaps</li> <li>III. Progress</li> </ul> </li> </ul>	Julie Shaw Lori Clark Savana Nance/Jared Wright
2:55 – 3:15	7. Upcoming Events, Engagements, & Funding Opportunities <ul style="list-style-type: none"> <li>a. North Texas Zero-Emission Vehicle Project (NTx-ZEV)</li> <li>b. Zero Emission Vehicle First Responder Training</li> <li>c. Stakeholder Input session</li> <li>d. Resilient EV Infrastructure Stakeholder Group</li> <li>e. Update on Site Visit             <ul style="list-style-type: none"> <li>I. Site Visit location/possible TAC meeting</li> <li>II. H2LA Site Visit (Austin/2-3-25)</li> <li>III. Additional suggestions</li> </ul> </li> </ul>	Savana Nance Savana Nance Savana Nance Hannah Thesing  Jose Correa Jared Wright
3:15 – 3:30	8. Questions/Comments/Feedback/Topics for next meeting	
3:30	Adjourn – Next Meeting April 28, 2025	



North Central Texas  
Council of Governments



Dallas-Fort Worth  
CLEAN CITIES

# DFW Clean Cities Technical Advisory Committee Meeting

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January 27, 2025

Transportation Council Room

# Agenda

- 2:00 – 2:05      1. Welcome
- 2:05 – 2:10      2. Committee Member Updates
- 2:10 – 2:20      3. Resignation Follow-Up
- 2:20 – 2:30      4. Regional EV Charging Station Projects
- 2:30 – 2:40      5. Recap of Fleet Recognition Awards/Annual Survey
- 2:40 – 2:55      6. Coalition Staff Updates
- 2:55 – 3:15      7. Upcoming Events, Engagements, and Funding Opportunities
- 3:15 – 3:30      8. Questions/Comments/Feedback/Topics for Next Time

**MEETING**

**IN PROGRESS**

1. Welcome

2. Committee Member Update

-Kim Gray

# 3. Redesignation Follow-Up

Reference DOE Letter, Attachment 3

Outstanding item: Complete Standard Operating Procedures Required by Department of Energy for Clean Cities & Communities Coalitions:

Standard Operating Procedure	Developed by	Status
Record Keeping	Host Agency (NCTCOG) Procedures Govern	In Place
Financial Management	Host Agency (NCTCOG) Procedures Govern	In Place
Coalition Director Transition Plan	Coalition Staff	In Process, to be complete by October 2025
Technical Assistance	Coalition Staff	In Process, to be complete by October 2025
Stakeholder Engagement Process	Coalition Staff	In Process, to be complete by October 2025
Communications	Coalition Staff	In Process, to be complete by October 2025
Events	Coalition Staff	In Process, to be complete by October 2025

# 4.a EMPOWER Workplace Charging Project



Provides support and resources to employers and employees interested in workplace charging

- NCTCOG will assist with identifying funding and completing installation of EV charging projects
- Workplaces that are interested or currently offering charging can complete the survey at [www.dfwcleancities.org/workplacecharging](http://www.dfwcleancities.org/workplacecharging) or contact us at [cleancities@nctcog.org](mailto:cleancities@nctcog.org) to get started
- **Help spread the word and promote to employers and employees interested in workplace EV charging**

## 4.b Charging Smart Program

A structured technical assistance and designation program that supports local governments in setting and achieving equitable EV-readiness goals

- Local governments can achieve national designation by completing various criteria regarding support for EV charging
- NCTCOG hosts a monthly peer cohort to help guide cities through the program toward national designation
  - The City of Plano and City of Irving are currently progressing toward designation after completing the first cohort
- Encouraging local municipalities to email [cleancities@nctcog.org](mailto:cleancities@nctcog.org) to join the second cohort





# 4.c Regional Investments in EV Infrastructure

## Texas EV Infrastructure Plan

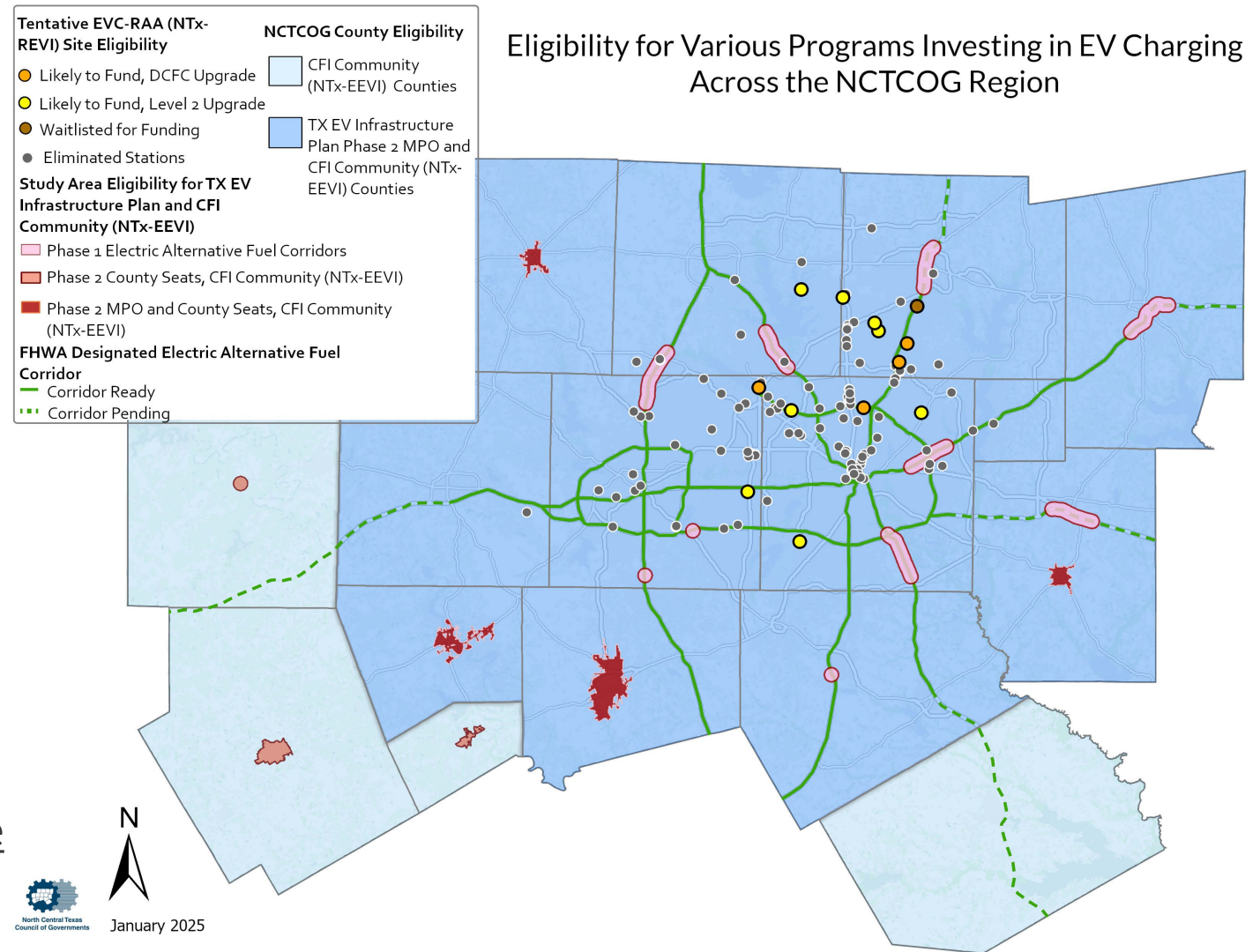
~\$60 million to build new chargers in the 12-County Metropolitan Planning Area and ~\$10M for 7 county seat sites (Managed by TxDOT)

## North Texas Equitable Electric Vehicle Infrastructure Project (NTx-EEVI)

\$15M to build up to 100 new EV charging ports in the 16-county NCTCOG region

## North Texas Reliable Electric Vehicle Infrastructure Project (NTx-REVI)

\$3.6 million award to repair and replace non-operational chargers in the DFW region





# 4.c Regional Investments in EV Infrastructure

Program:	Texas EV Infrastructure Plan: Phase 2 MPO Allocation	North Texas Equitable Electric Vehicle Infrastructure Project	North Texas Reliable Electric Vehicle Infrastructure Project
Eligibility:	<ul style="list-style-type: none"> <li>- Private sector Properties</li> <li>- Level 2, DC Fast Charge, or Medium/Heavy Duty Truck Charging; TxDOT has advised against Level 2</li> </ul>	<ul style="list-style-type: none"> <li>- Public Sector Properties</li> <li>- Level 2 or DC Fast Charge; proposal emphasized DC Fast Charge</li> </ul>	Repair or replacement of eligible non-operational EV charging stations
Emphasis Areas:	Preliminary Ideas: Evacuation Routes and “Secondary Highways” (e.g. US 287, US 380, etc.), MHD Truck Charging Hubs	Justice40 areas, rural areas, areas without at home parking, or areas that can serve as multi-modal or fleet hubs	Areas that fill gaps in the region, are on public sector property, or eligible to be upgraded to DC Fast Charge
Status:	<p>Seeking survey responses from local governments to inform the distribution of grant funds</p> <p>Receiving public input through public engagement meetings and planning paid education efforts</p> <p>Plan to hold at least 3 more public engagement opportunities:</p> <ul style="list-style-type: none"> <li>- Hybrid meeting at our office</li> <li>- In-person meetings in the western (Fort Worth) and eastern side (Mesquite) side of the region in the coming months</li> <li>- All materials available at <a href="https://publicinput.com/nctcogevcharging">publicinput.com/nctcogevcharging</a></li> </ul>		Requesting committee approvals of funding recommendations for 13 locations to proceed with subawards

# 3.c NTx-REVI Funding Recommendations

Charging Station Owner	Location	City	Property Type	Current Charger Type	Score	Est. Federal \$ to Upgrade Charger	Eligible for DC Fast Charge Upgrade?	Est. Additional Federal \$ to Upgrade to DCFC**
EV Network	City of Plano Downtown Parking Lot*	Plano	Public Sector	Level 2	84	\$22,970	Yes	N/A
EV Network	City of Plano Oak Point Rec Center*	Plano	Public Sector	Level 2	79	\$22,970	Yes	\$720,488
EV Network	Grapevine Mills Mall	Grapevine	Retail	DCFC	77	\$1,114,568	N/A	--
EV Network	NCTCOG Offices	Arlington	Office	Level 2	66	\$22,970	Yes	\$720,488
Site Host	Dallas County Government Building	Dallas	Public Sector	Level 2	65	\$70,000	Yes	\$288,638 <b>Waitlisted: \$361,317</b>
Site Host	Duncanville Shopping Center	Duncanville	Retail	Level 2	62	\$60,000	No	N/A
EV Network	City of Plano Russell Creek Park	Plano	Public Sector	Level 2	60	\$22,970	No	N/A
Site Host	Town of Little Elm Waterpark	Little Elm	Public Sector	Level 2	60	\$48,000	No	N/A
EV Network	City of Plano Maribelle Davis Library	Plano	Public Sector	Level 2	58	\$22,970	No	N/A
Site Host	Dallas County Government Building	Garland	Public Sector	Level 2	58	\$70,000	No	N/A
Site Host	Cinemark Frisco	Frisco	Retail	Level 2	55	\$60,000	No	N/A
EV Network	Boston Pizza Restaurant	Irving	Retail	Level 2	48	\$22,970	Yes	<b>Waitlisted: \$720,488</b>
Site Host	Whole Foods Grocery Store	Fairview	Retail	Level 2	47	\$70,000	Yes	<b>Waitlisted: \$650,000</b>
<b>Total Federal Funding Awarded:</b>						<b>\$1,630,386</b>	<b>\$1,729,614</b>	
<b>Total Federal Funding Remaining:</b>						<b>\$1,729,614</b>	<b>\$0</b>	

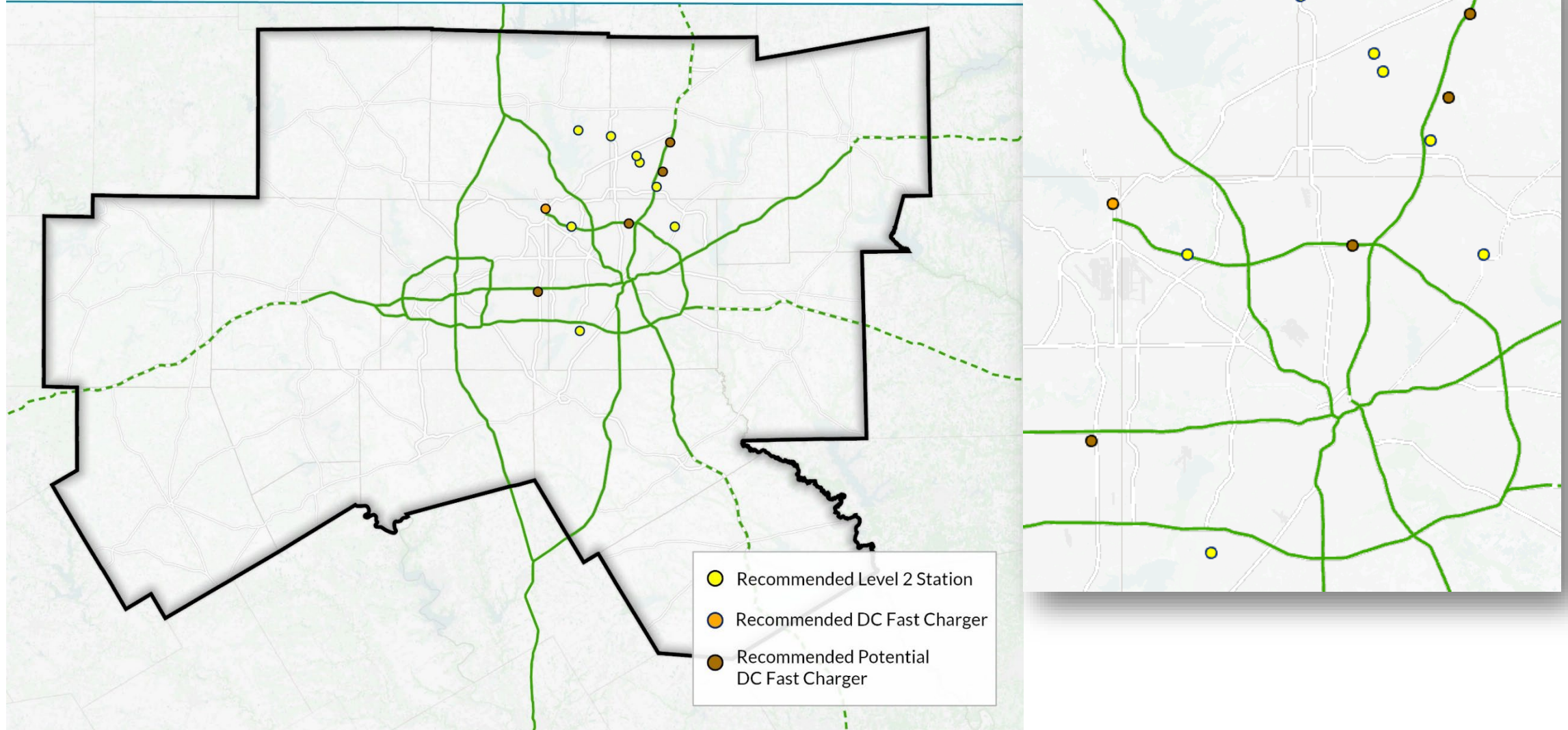
\*To equitably invest across the region, only 1 DC Fast Charge Upgrade allocated to City of Plano; site selection based on city preference

\*\*If/as funding released from awarded projects, and subject to interest from the charging station owner and agreement from host property, funds will be added to wait-listed recommendations, up to the amount shown



# 4.c NTx-REVI Recommended Project Locations

## Remaining Stations after Screening



# 4.c How to Get Involved

## Help amplify public engagement opportunities:

- Spread the word on upcoming public engagement opportunities
- Share upcoming social media posts
- Encourage the public to leave a comment on the TxDOT Interactive Charging Station Map

## Encourage local governments your work with/for to:

- Respond to our survey on regional charging station
- Help promote upcoming public engagement opportunities

[publicinput.com/NCTCOGEVcharging](https://publicinput.com/NCTCOGEVcharging)

# 5. DFWCC Annual Survey-Fleet Recognition Timeline

Share the Annual Survey with fleets adopting emission reduction strategies in DFW!

## Planning and Preparation

(September- December)

- Update Annual Survey format and text based on Department of Energy (DOE) updates and fleet feedback

## Promotion and Outreach

(January -April)

- Annual Survey posted in **January**
- Promote Annual Survey through e-blast, meetings, individual outreach
- DFWCC Webinar on how to submit Annual Survey and any updates

## Review and Reporting

March- April)

- Review Annual Surveys
- Input Annual Surveys received and other required information into DOE's website by **April 15**

## Summary of Results

(April -July)

- DOE reviews and requests corrections (if needed)
- Draft Annual Report released
- Summarize Annual Survey results

## Scoring and Fleet Recognition

(July-end of year)

- Scores Annual Survey responses
- Select rankings, recognition levels
- Announce awards and host Fleet Recognition meeting

**Release Date: January 27, 2024**

[www.dfwcleancities.org/annualreport](http://www.dfwcleancities.org/annualreport)





# 5. DFW Clean Cities Trends in Annual Energy Impacts

## Impacts Over Calendar Year 2023

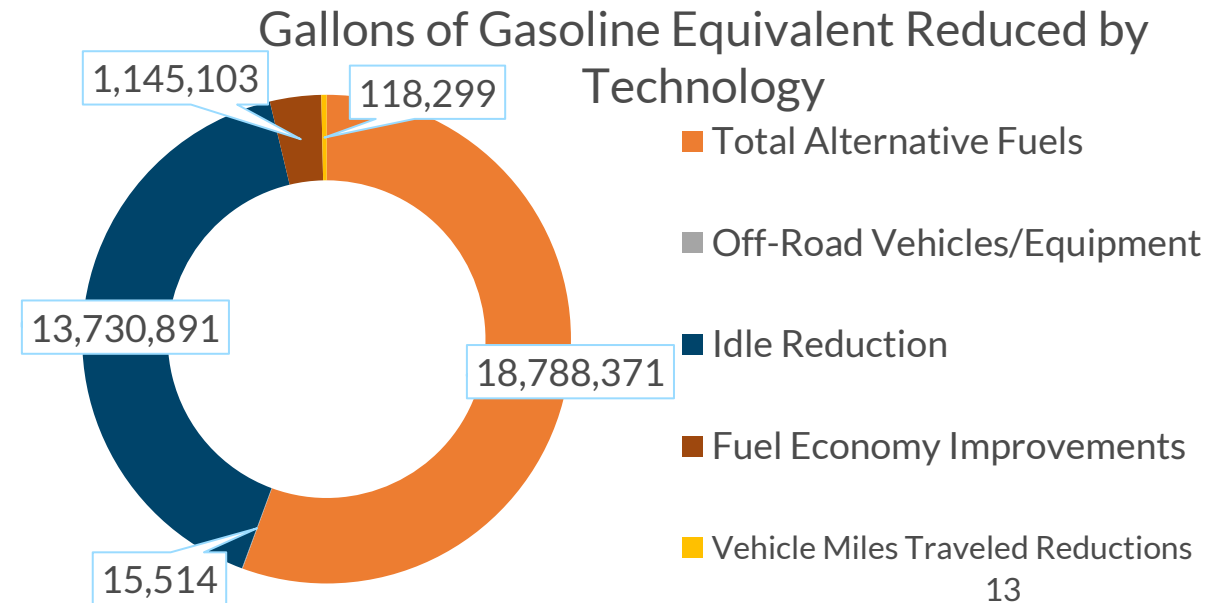
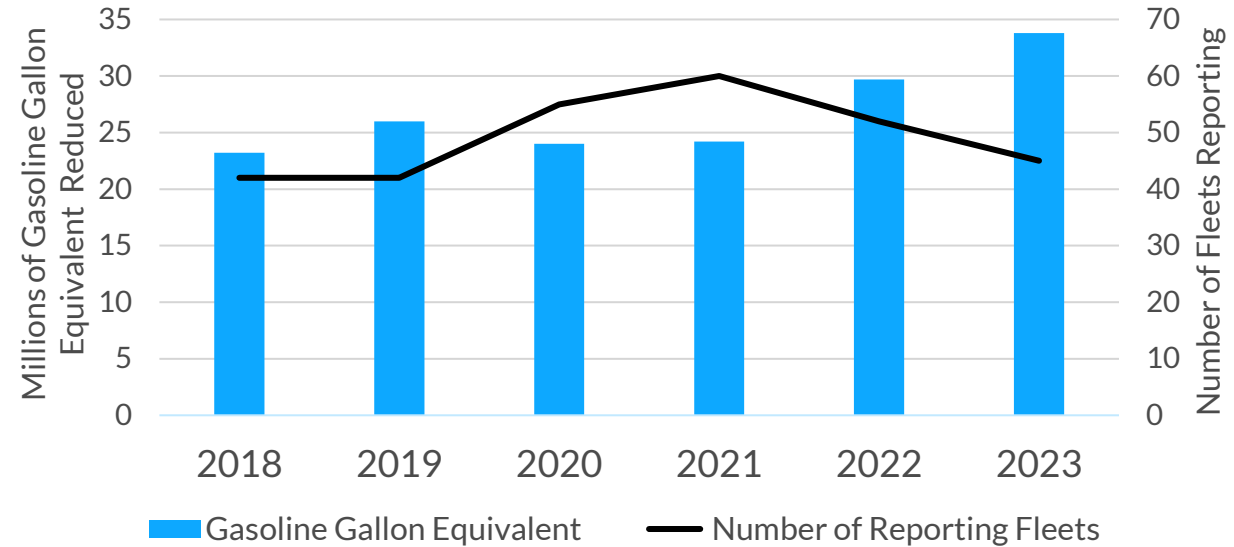
45 Reporting Fleets

7,725 Alternative Fuel Vehicles & Equipment

59 Tons Ozone-Forming Nitrogen Oxides (NO<sub>x</sub>) Reduced

228,968 Tons Greenhouse Gas Emissions Reduced

Historical Gallons of Gasoline Equivalent Reduced





# 5. 2024 Fleet Recognition Awardees

## Purpose

Recognizing Fleets that Show Exemplary Efforts in Improving Air Quality Through the Adoption of Clean Vehicle Technologies and Fuel Saving Measures

## Requirements

- Submit Fleet Data
- Must Be a Clean Fleet Adoptee

## Award Levels

- Bronze
- Silver
- Gold



# 6.a DFW-CC Stakeholders and Sponsorship

38 Confirmed Stakeholders (Attachment 4)

4 Pending Stakeholders  
Request TAC input

1 Current Sponsor

For further information on levels of sponsorships visit:  
[www.dfwcleancities.org/sponsorships](http://www.dfwcleancities.org/sponsorships)

# 6.b Feedback on Draft Project Management Plan

## Reference Attachment 5

### Choosing Larger Work Scope

#### Includes all 4 Subtasks:

##### **3.1: Market Development Events, Workshops and Meetings**

- Host a peer-to-peer discussion on management of publicly owned and publicly accessible EV charging infrastructure to assist other local governments with at least 25 attendees by Q1

##### **3.2: Corridor and Community AFV Infrastructure Planning and Development**

- Participate in a minimum of one Oncor EVolution session each quarter and follow up with interested attendees as needed
- Participate in corridor council calls and assess opportunities to post EV charging station signage with TxDOT

##### **3.3: Technical Assistance and Fleet Coaching**

- Provide technical assistance or funding support to at least one fleet a quarter who has expressed interest in transitioning to, or expanding utilization of, alternative fuels

##### **3.4 Technical Training and Education**

- Host an educational training related to EVs with at least 30 attendees by Q3

# 6c. DFWCC Strategic Plan Update – Clean Vehicle Initiatives

Program	Goal	Description	Overall Status	Updates
<u>Clean Vehicle Initiatives</u>	1	20 Public Fleets Transition to Alternative Fuel	On Track	Several Meetings with Fleets
<u>Clean Vehicle Initiatives</u>	2	10 Private Sector Fleets Transition to Alternative Fuel	On Track	Drafting Transition Guide  Clean Heavy -Duty Vehicles (CHDV) Award  <b>Seeking TAC Assistance with Outreach to Fleets</b>
<u>Clean Vehicle Initiatives</u>	3	Increase EV registration by consumers/general public	On Track	<b>Seeking Drive Electric Earth Month Partners for April 2025</b>  Planning on National Drive Electric Week in October 2025
<u>Clean Vehicle Initiatives</u>	4	Expand EV workforce training programs at community colleges	On Track	Clean Heavy-Duty Vehicles Award Includes Workforce

# 6.c DFWCC Strategic Plan Update – Alternative Fuel Infrastructure Initiatives

Attachment 5

Program	Goal	Description	Overall Status	Updates
<u>Alternative Fuel Infrastructure Initiatives</u>	1	100 new publicly accessible light-duty electric vehicle charging stations	On Track	Coordinating public engagement and interest from local governments  <b>Seeking responses to local government survey</b>
<u>Alternative Fuel Infrastructure Initiatives</u>	2	Participate in project development of 10 medium/heavy-duty alternative fuel charging or refueling stations	On Track	Texas Hydrogen and Electric Freight Infrastructure Project: 5 hydrogen refueling stations across the Texas Triangle  M/HD charging deployments with Texas Electric Vehicle Infrastructure Plan
<u>Alternative Fuel Infrastructure Initiatives</u>	3	Participate in project development to support 25 publicly accessible EV charging projects that increase resiliency, reliability, and emergency preparedness of the EV charging network	On Track	Will likely be incorporated in procurements for deployments under Goal 1



# 6.c DFWCC Strategic Plan Update – Clean Energy Initiatives

Program	Goal	Description	Overall Status	Updates
<u>Clean Energy Initiatives</u>	1	Assist public fleets in transitioning from compressed natural gas to renewable natural gas (RNG)	On Track	Scheduled listening session for fleet managers using CNG to discuss with fleets using RNG
<u>Clean Energy Initiatives</u>	3	Expand the workforce training programs	On Track	Clean Heavy-Duty Vehicles Award
<u>Clean Energy Initiatives</u>	4	Minimize negative electric grid impacts from transportation electrification	On Track	Resilient EV Infrastructure Award (Develop Resilient) EV Charging Plan  <a href="#">Published EV Resilience and Planning White Paper</a>  Held Local Government Energy Reporting Workshop  3 Local Governments Pursuing SolSmart Designation



# 7.a North Texas Zero-Emission Vehicle Project (NTx-ZEV)

Go to [www.nctcog.org/trans/quality/air/funding-and-resources/chdv](http://www.nctcog.org/trans/quality/air/funding-and-resources/chdv) for more information

	Vehicle & Infrastructure ~\$58 million available	ZEV Workforce Development ~\$1.2M available
<b>Eligible Projects</b>	<p>Any battery-electric or hydrogen fuel cell Class 6 or 7 vocational vehicle and infrastructure</p> <p>Must replace a non-zero emission (gasoline, diesel, propane, natural gas) Class 6 or 7 vehicle</p> <p>Public and private entities eligible*</p>	<p>Fund workforce development projects, such as:</p> <ul style="list-style-type: none"> <li>- First responder training</li> <li>- Mechanic training for vehicles/infrastructure</li> <li>- Driver training</li> </ul>
<b>Project Selection</b>	<p>Call for Projects – <b><u>Expected to open Spring 2025</u></b></p> <p>Priority given to operations in 10 county ozone nonattainment area**</p>	<p>Strategic Selection or Other Selection Process</p>
<b>Funding Level</b>	<p>Maximum federal share allowed by EPA</p> <p>33% to 65% per battery-electric vehicle</p> <p>60% to 80% per hydrogen fuel cell vehicle</p>	<p>Workforce costs not subject to maximum federal share</p>



# 7.a Heavy-Duty Clean Vehicles Webinar

Showcase the latest Class 6 to 7 zero-emission vehicles (ZEV)

**When:** March 25, 26, & 27

**Time:** 10:30 am – 11:30 am

**Tentative Presenters:** Kenworth, Global Sweeper, Green Power Motor, and Oshkosh Corporation

Suggestions for presenters? Email [Cleancities@nctcog.org](mailto:Cleancities@nctcog.org) by January 31, 2025

Registration will be available at [www.dfwcleancities.org/events](http://www.dfwcleancities.org/events)



# 7.b Zero-Emission First Responder Training

## Proposed format:

- Battery-electric and hydrogen vehicles covered with focus on Class 6 and 7
- 12 total training from May 2025 to February 2027
- Free to all attendees
- In-person with hands-on ZEV experience
- Offered to first responders, tow truck drivers, salvage yard owners, mechanics, etc.

Will also identify opportunities to develop “long-term” resources (ex: train-the-trainer, flyers, recorded training, etc.)

# 7.c Stakeholder Input Session

Help DFWCC identify:

- Where electric vehicle charging is needed,
- How to improve resilience in EV charging,
- Opportunities to use autonomous robots,
- Ways transportation technologies can improve air quality

**Date:** February 26, 2025

**Time:** 1:00pm to 3:00pm

**Register at** [www.dfwcleancities.events](http://www.dfwcleancities.events)





# 7.d Resilient EV Infrastructure Stakeholder Group

## Planning Resilient EV Charging in North Texas Stakeholder Form



### Project Objectives:

- Create North Texas Resilient Electric Vehicle (NTX-REV) plan for North Central Texas region
- Implement plan and enhance critical electric vehicle (EV) infrastructure
- Evaluate strategies, technologies, & equipment via:
  - Tabletop Scenario
  - Technology Demonstration

### Intended Impact:

- Ensure critical EV travel continuity during grid outages for:
  - Evacuation routes
  - Critical facilities & services
  - Freight operations

### Get Involved:

- Regional stakeholders can support project initiatives by:
  - Providing input to assist with developing the NTX-REV Plan
  - Engaging with other stakeholders,
  - Contributing to the distribution and adoption of the plan

# Contact Us



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Dallas-Fort Worth  
CLEAN CITIES



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Department of Energy  
Washington, DC 20585

November 18, 2024

Lori Clark  
Coalition Director  
Dallas-Fort Worth Clean Cities Coalition  
North Central Texas Council of Governments  
616 Six Flags Dr. (P.O. Box 5888(76005-5888))  
Arlington, TX 76011

Dear Lori,

The U.S. Department of Energy's (DOE's) Vehicle Technologies Office would like to thank you for conducting a very informative and compelling briefing for our Clean Cities and Communities (CC&C) leadership team via webinar on October 16, 2024. We are pleased to inform you that the Dallas-Fort Worth Clean Cities Coalition's request for re-designation has been approved (effective date October 16, 2024) understanding that you are working on completing the remaining Active and Effective Requirements. This re-designation is valid for a period of five years, or until notified otherwise. Please remember that to remain in good standing, your coalition must remain actively engaged in stakeholder support activities and other important duties as outlined in the attached *Active and Effective Requirements*.

As demonstrated in the webinar, you have maintained your coalition's impressive efforts in engaging diverse stakeholders, hosting and participating in many events, working groups, and grant opportunities while serving as a trusted resource for supporting alternative fuel initiatives across the state. We appreciate the support and leadership that North Central Texas Council of Governments provides the coalition. Your collaboration with the Texas Department of Transportation on their state National Electric Vehicle Infrastructure (NEVI) plan is particularly commendable, especially given it can be difficult to connect with state agencies as an external stakeholder. Your coalition has done a great job sustaining activity by leveraging funds from the Vehicle Technologies Office and other sources and creating momentum by empowering your stakeholders to align their activity with your coalition's mission. We are impressed by your coalition's extensive reach, with stakeholders that include medium- and heavy-duty fleets, efforts related to expanding hydrogen infrastructure, and your engagement with state ports. During the webinar, you mentioned ongoing efforts to incorporate energy and environmental justice (EEJ) considerations in your work such as engagement with underserved communities. Your ongoing work exemplified by your drone delivery project is commendable.

To assess the coalition's effectiveness, we conducted interviews with multiple stakeholders prior to the webinar. Each participant found their involvement with DFWCCC to be beneficial, praising your ability to connect them with key partners and your dedication to alternative fuel initiatives. Stakeholders highlighted your exceptional collaboration and networking, as well as your success in creating opportunities for their participation in both coalition-hosted and industry events where stakeholders can share their knowledge, connections, and products. Your coalition is known as a reputable resource, with communities outside of your territory often seeking partnership and leadership. Several stakeholders mentioned that this is especially impressive given the challenges that DFWCC faces as a coalition, including: a large workload with a small staff, challenging state and local politics, and electric vehicle misinformation. Stakeholders also mentioned many barriers that the coalition faces related to both national and state policies, citing that both can create barriers to funding disbursement, procurement, and that state and federal policies do not always align and can make implementation difficult.

Based on the stakeholder responses and the information presented in the webinar, we believe that DFWCC can continue to have a significant impact on improving transportation energy efficiency and advancing affordable domestic transportation fuels and technologies throughout Texas.

To ensure the ongoing success of the coalition, we present the following suggestions:

- Your innovative approach to recognizing fleets while also collecting data for annual reporting is a model that other coalitions in the Clean Cities and Communities partnership could benefit from. We recommend documenting this approach and posting it to the CC&C Forum to help other coalitions benefit from your success. If you would like help identifying the best way to document this approach and post it to the Forum, please contact Victoria McGarril at [vmcgarril@energetics.com](mailto:vmcgarril@energetics.com) or 845-399-7186.
- Since your coalition is engaged in activities that benefit underserved coalitions, we suggest you review [EEJ trainings](#) available on the Coalition Toolbox. The trainings are designed to enhance coalition capacity for leading or participating in transportation-related initiatives that benefit underserved communities. You will need to log into the Toolbox to view these trainings. If you have questions on future EEJ opportunities, we recommend you connect with Grace McGinnis at DOE at [grace.mcgininis@ee.doe.gov](mailto:grace.mcgininis@ee.doe.gov) or 301-366-9807.

Congratulations on the good work you continue to do with the Dallas-Fort Worth Clean Cities Coalitions. Thank you for your ongoing commitment to, and enthusiasm for, Clean Cities and Communities.

Sincerely,



Mark S. Smith  
Technology Integration Program Manager

cc: Michael Morris, Director of Transportation, NCTCOG  
Neil Kirschner, DOE Clean Cities and Communities Regional Manager, South Central Region

Michael Laughlin, Technology Manager, DOE, Vehicle Technologies Office  
Margaret Smith, Technology Manager, DOE, Vehicle Technologies Office  
Grace McGinnis, Technology Manager, DOE, Vehicle Technologies Office  
Sam Spofforth, Clean Cities Project Leader, National Renewable Energy Laboratory  
Kaylyn Bopp, Transportation Project Leader, National Renewable Energy Laboratory  
Marcy Rood, Principal Environmental Transportation Analyst, Argonne National Laboratory  
Michael Scarpino, Transportation Project Engineer, USDOT Volpe Center  
Carina Trustram Eve, Program Analyst, Energetics  
Tameka McDaniel, Program Analyst, Lindahl Reed

## DFW-CC Stakeholders as of January, 2025

	Entity	Primary Contact	Email
1	Boost EV	Myron E. Curry	mcurry2@texaseso.com
2	City of Benbrook	Bennett Howell	bhowell@benbrook-tx.gov
3	City of Carrollton	Dwayne Bianco	dwayne.biznco@hotmail.com
4	City of Dallas	Rosaerlinda Cisneros/ Vincent Olsen (TAC)	rosaerlinda.cisneros@dallas.gov
5	City of Denton	Katherine Bennett	katherine.barnett@cityofdenton.com
6	City of Farmers Branch	Alex Pharmakis	alexander.pharmakis@farmsbranchtx.gov
7	City of Forney	Nicholas Paul Nix	nnix@forneytx.gov
8	City of Fort Worth	Kelly Porter	kelly.porter@fortworthtexas.gov
9	City of Frisco	David Kendrick	dkendrick@friscotexas.gov
10	City of Grand Prairie Fleet Services	Colby Frantz	cfrantz@gptx.org
11	City of Lewisville	Chris Presley	cpresley@cityoflewisville.com
12	City of Plano	Mike Ellis	mellis@plano.gov
13	Dallas Fort Worth International Airport	Douglas Warren/ James Wood (TAC)	dwarren@dfwairport.com
14	Denton County	Holly Sadlowski	holly.sadlowski@dentoncounty.gov
15	Earth X Energy	Jason Doiron	jason@earthx.energy
16	EV Tech, Inc	Doug Canfield	dcanfield@evtech.us
17	EVSTAR	Kim Gray	kgray@evstar.com
18	Facility Performance Associates	Gerald Kettler	gjkettler@air-engineer.com
19	Francis Energy	Jeremiah J. Fugitt	jfugitt@francisenergy.com
20	H2 Ranch	Mike Martinez	mike@h2ranch.com
21	Harnyss, LLC	Pete Baldwin	pbaldwin@harnyss.com
22	Highland Electric Fleets	Shawn Jones	shawn@highlandfleets.com
23	Hood County Clean Air Coalition	Michelle McKenzie	mmckenzie@granbury.org
24	Integral dx	David Word	texaswords@att.net
25	Kenworth Truck Company	Alec Cervenka	alec.cervenka@paccar.com
26	Kimley-Horn	Jose Correa	jose.correa@kimley-horn.com
27	Kingdom Environmental Energy Solutions	Victor Tupiza	vhtupiza@gmail.com
28	North Texas Renewable Energy Group	Eric Pratt	secretary@ntreg.org
29	Northwest Propane Gas Co	Lon Holloway	lholloway@northwestpropane.com
30	Oncor Electric Delivery	Jennifer Deaton/ David Treichler (TAC)	jennifer.williamsdeaton@oncor.com
31	Orange EV, LLC	Terry A. Manies	terrym@orangeev.com
32	Parsons	Jim Valerio	jim.valerio@parsons.com
33	Propane Council of Texas	Jackie Mason	info@propanecounciloftexas.org
34	Shorepower Technologies Inc.	Evey Winther	ewinther@shorepower.com
35	SK Signet	Kevin Seok	jiwooseok@sk.com
36	Smart Charge America	Quincy Holloway	qholloway@smartchargeamerica.com
37	Texas Hydrogen Alliance	Susan Shifflett	susan@s3-services.com
38	WISE-EV	Danny Thomas	danny@getwisepower.com

PENDING STAKEHOLDERS:

1	Earth Haulers	Dani Tucker	danielletucker@earthhaulers.com
2	Energy Saving Advisor	Ilee Haggerty	support@energysolutionESADTX.com
3	Fred Ehler (individual)	Fred Ehler	FredEhler@gmail.com
4	Mcore Energy, LLC	Younes Rouissi	younes@mcore energy.com
5	Poetry Road Municipal Utility District	Raene Lockridge	lockridge.r73@gmail.com

# Project Management Plan

(Task Description and Milestone Summary)

## CLEAN CITIES AND COMMUNITIES COALITION OUTREACH, EDUCATION, AND PERFORMANCE TRACKING PROGRAM YEAR 5 ACTIVITIES (APRIL 2025 - MARCH 2026)

**Instructions:**

*The purpose of the Project Management Plan (“PMP”) is to establish schedule and technical performance baselines for the elective tasks and sub-tasks.*

*Recipients must fill out this template, providing information describing their specific approach to completing each sub-task.*

- *Delete the tasks that are not applicable.*
- *Replace the example text in the PMP with actual planned activities.*
- *State the activities that the recipient will undertake to achieve the goal(s).*
- *Provide one goal per quarter per sub-task.*
- *Provide at least one **SMART** (Specific, Measurable, Achievable, Relevant, and Time-based) goal for each sub-task.*
- *Add additional goals and activities as needed to adequately describe planned work.*

*This PMP is intended to be a living document, modified as necessary. It is the recipient’s responsibility to maintain the PMP. Federal staff may request changes in accordance with the rights reserved in the award’s Terms and Conditions.*

### I. Award Information

<b>Date of Plan:</b>	January 16, 2025
<b>DOE award number:</b>	EE00010582
<b>Recipient Organization:</b>	North Central Texas Council of Governments
<b>Principal Investigator:</b>	Lori Clark, Senior Program Manager & DFW Clean Cities Director
<b>Alternative coalition contact name / phone / email:</b>	Julie Shaw, Senior Administrative Assistant, 817-608-2369 or <a href="mailto:jshaw@nctcog.org">jshaw@nctcog.org</a>
<b>SOPO Tasks and Subtasks Selected:</b>	<input checked="" type="checkbox"/> Tasks 1.0 and 2.0 <input checked="" type="checkbox"/> Task 3.0 Technology Integration Efforts <input type="checkbox"/> Task 4.0 Coalition Council Representative



## II. Project Objective and Goals

The objective of this project is for the Clean Cities and Communities (CC&C) coalition (“*recipient*”) to provide technical assistance and outreach, participate in program meetings, and to track and report critical program and performance metrics. CC&C coalitions are engaged in activities that support the goals and objectives of the U.S. Department of Energy Vehicle Technologies Office through the CC&C partnership. Coalition work performed for this project supports the CC&C mission to advance the nation’s environment, energy security and economic prosperity through collaboration with communities by building partnerships with public and private stakeholders that create equitable deployment of clean transportation solutions for all. The CC&C Framework for Success describes elements and objectives for how coalitions support this mission and can serve as a foundation for coalition strategic programs and activities.

DOE’s goal is for each individual coalition to achieve measurable progress towards the CC&C Framework for Success objectives:

- **PLAN** - Understand Community Landscapes, Identify Stakeholders, and Develop Strategies for CC&C Impact at Scale
  - Objective 1: Gain an understanding of the transportation and energy landscape in the coalition territory including technologies, policies, vehicles, infrastructure, inequities, and barriers to advancing the CC&C mission.
  - Objective 2: Identify stakeholders that can contribute to advancing the CC&C mission in the coalition territory and/or would be impacted by coalition activities.
  - Objective 3: Develop the coalition’s strategic approach to advancing the CC&C mission at scale in the coalition’s territory by addressing stakeholder priorities.
- **CONNECT** - Develop and maintain a collaborative coalition of diverse stakeholders working to achieve the CC&C mission
  - Objective 1: Engage new and current stakeholders.
  - Objective 2: Foster and support coalition of stakeholders working collaboratively to achieve the CC&C mission.
  - Objective 3: Communicate stakeholder needs, priorities, and successes.
- **INFORM** - Share clean transportation expertise with stakeholders through analysis, training, and education.
  - Objective 1: Provide tailored expertise and analyses to fleets, end-users, and potential end-users to increase their capacity to directly increase adoption of clean transportation solutions.
  - Objective 2: Provide policy, planning, and program assistance to stakeholders to increase their capacity to reduce market barriers and incentivize clean transportation solutions.
  - Objective 3: Organize and facilitate technical training sessions to build workforce skills regarding vehicles, infrastructure, and safety issues.
- **DEPLOY** - Facilitate planning for, deployment, and maintenance of clean transportation projects, vehicles, and infrastructure.
  - Objective 1: Facilitate consumer vehicle market transformation to zero-emissions.

- **Objective 2:** Facilitate zero-emission and low-emission on-road fleet clean transportation technologies and supporting infrastructure.
- **Objective 3:** Facilitate zero-emission and low-emission non-road clean transportation technologies and supporting infrastructure (including off-road, rail, marine, ports, and aviation).

### III. Annual Work Plan

#### Task 2.0 - Clean Cities and Communities and Alternative Fuel Tracking Activities

##### Sub-task 2.6 – Maintain Effective Coalition Operations

**Goal:**

Build and maintain relationships with the Dallas-Fort Worth Clean Cities (DFWCC) Technical Advisory Committee (TAC) and DFWCC Stakeholders to achieve shared and common goals.

**Activity 1:**

Hold quarterly TAC meetings and interim meetings as appropriate.

**Activity 2:**

Actively recruit new stakeholders for the purpose of growing our membership.

Milestone Description	Planned Completion Date
<i>Instructions: Replace the example text with actual planned activities. Add rows to table as necessary.</i>	<i>All dates should be within the award year</i>
Prepare draft agendas in advance of coordination with the DFWCC TAC Chair and Co-Chair.	Quarterly
Hold preparatory meeting with the DFWCC TAC Chair and Co-Chair two weeks prior to the full committee meeting.	Quarterly
Conduct DFWCC Technical Advisory Committee (TAC) meetings.	Quarterly
Actively recruit new stakeholders at least twice a year to increase DFWCC membership, with the opportunity to become more involved in activities and opportunities that the DFWCC offers and participates in.	Semi-Annual

**Goal:**

Establish and maintain Standard Operating Procedures

**Activity:**

Create templates and processes for submitting, approving, and storing documents.

Milestone Description	Planned Completion Date
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<i>Instructions: Replace the example text with actual planned activities. Add rows to table as necessary.</i>	<i>All dates should be within the award year</i>
Create Standard Operating Procedure: Stakeholder Engagement Process	Quarter 3
Create Standard Operating Procedure: Technical Assistance	Quarter 3
Create Standard Operating Procedure: Events	Quarter 3
Create Standard Operating Procedure: Communications	Quarter 3
Create Standard Operating Procedure: Coalition Director Transition	Quarter 3
Maintain coalition stakeholder list	Ongoing
Maintain DFWCC Technical Advisory Committee webpage to include past and future meeting information	Quarterly
Coordinate miscellaneous communications and activities for the TAC's benefit and information (e.g. 'Weekly Top 5 Recap' emails, member orientation/refresher course, potential interim meetings, etc)	Ongoing

### Sub-task 2.7 – Coalition Building and Stakeholder Engagement

#### Goal:

Ensure stakeholder access to new and relevant resources and information regarding alternative fuel vehicles and infrastructure by updating existing coalition webpages, posting on social media, and distributing an updated DFWCC e-blast at least once each quarter.

#### Activities:

- Update existing coalition website with new resources.
- Promote events, funding opportunities, and industry/stakeholder news through the coalition e-blast and social media.

Milestone Description	Planned Completion Date
Identify existing coalition webpages with outdated information or resources.	Quarterly
Draft and publish updated content for the coalition website.	Quarterly
Promote new webpages and updates to existing webpages to stakeholders, as needed.	Quarterly

Create and send out an e-blast to external subscribers.	Quarterly
Create new posts or re-post on LinkedIn.	Quarterly

**Goal:**

Collaborate with other Texas Clean Cities Coalitions on various activities that are publicized by all Texas Clean Cities to promote the Clean Cities and Communities mission and ensure support to undesignated areas of Texas, including at least one outreach event by Q4.

**Activities:**

- Meet regularly with the other Texas Clean Cities coalitions for peer-sharing and to identify opportunities for collaboration.
- Collaborate on one outreach event.

Milestone Description	Planned Completion Date
Host monthly meetings with the Texas Clean Cities coalitions.	Monthly
Identify needs and potential outreach events to support stakeholders in undesignated areas of Texas	Ongoing
Collaborate with other Texas Clean Cities Coalition on an outreach event	Q4
Promote other Texas Clean Cities coalitions' events, as needed.	Ongoing
Collaborate with the other Texas Clean Cities coalitions to provide support to stakeholders in undesignated areas of Texas, as needed.	Ongoing

## Task 3.0 - Technology Integration Efforts

### Sub-task 3.1 – Market Development Events, Workshops and Meetings

**Goal:**

Host a peer-to-peer discussion on management of publicly owned and publicly accessible EV charging infrastructure to assist other local governments with at least 25 attendees by Q1. Speakers will have experience in the area and questions will be solicited from interested attendees in advance of the meeting.

**Activities:**

- Identify and confirm potential speakers
- Gather questions from interested local governments
- Publicize the meeting to groups such as the regional EV infrastructure working group
- Hold the meeting

Milestone/Event Name	Type of Participants	Planned Completion Date
Peer-to-peer EV Charger Management - Identify speakers for the peer-to-peer discussion	Sustainability/energy managers and facilities managers with experience managing publicly accessible EV chargers	Q1
Peer-to-peer EV Charger Management - Gather questions from interested local governments	Sustainability/energy managers and facilities managers	Q1
Peer-to-peer EV Charger Management - Publicize the meeting	Local government planning and development staff	Q1
Peer-to-peer EV Charger Management - Hold the meeting	Sustainability/energy managers and facilities managers	Q1

**Sub-task 3.2 – Corridor and Community AFV Infrastructure Planning and Development****Goal:**

Promote regional electric vehicle (EV) infrastructure initiatives and ensure local stakeholders are aware of infrastructure opportunities, regional plans, and best practices at a minimum of one Oncor EVolution session each quarter and follow up with interested attendees as needed.

**Activities:**

- Update Oncor EVolution slide deck
- Participate in Oncor Electric Delivery's EVolution sessions
- Follow up with Oncor EVolution Attendees

Milestone Description	Planned Completion Date
Update Oncor EVolution Slide Deck	As needed

Participate in Oncor EVolution Sessions	Q1, Q2, Q3, and Q4
Follow up with Oncor EVolution Attendees	As needed

**Goal:**

Participate in corridor council calls and assess electric vehicle charging station signage. Initiate conversation on hosting corridor EV signage with TxDOT by Q2.

**Activity:**

- Participate in Corridor Council calls
- Collaborate with TxDOT on EV charging station signage

Milestone Description	Planned Completion Date
Participate in Corridor Council calls	As Scheduled
Collaborate with TxDOT on EV charging station signage	Q2

### Subtask 3.3 – Technical Assistance and Fleet Coaching

**Goal:**

Expand usage of alternative fuel vehicles by providing technical assistance or funding support to at least one fleet a quarter who has expressed interest in transitioning to, or expanding utilization of, alternative fuels.

**Activities:**

- Identify fleets in need of technical assistance through the DFWCC Annual Survey, emails, meetings, etc.
- Provide support through meeting one-on-one with fleet, coordinating peer-sharing, connecting with resources, assisting with funding applications, or providing information to address needs and questions.
- Follow up with fleets and document progress

Provide detail about the activities the recipient will undertake to achieve the goal.

Milestone Description	Planned Completion Date
Identify fleets in need of technical assistance through the DFWCC Annual Survey, emails, meetings, etc.	Once a quarter

Provide support through meeting one-on-one with fleet, coordinating peer-sharing, connecting with resources, assisting with funding applications, or providing information to address needs and questions.	Once a quarter
Follow up with fleets and document progress	Once a quarter

### Subtask 3.4 – Technical Training and Education

**Goal:**

Support fleet managers/directors of transportation/sustainability staff in transitioning to alternative fuels through hosting an educational training related to electric vehicles (EV) with at least 30 attendees by Q3. The topic for the training will be decided based on input from the DFWCC TAC, the DFWCC annual survey, and other stakeholders. Potential topics include temporary EV charging, battery health, safety, chemistry, and zero-emission vehicle transition planning.

**Activities:**

- Solicit input on topics
- Identify topics and speakers
- Prepare presentation
- Draft outreach materials and promote training through weekly e-blasts, individual invitations, social media, and coalition’s event webpage.
- Host training
- After hosting the training, solicit stakeholder feedback through post-event survey.

Milestones/Event Name	Type of Participants	Planned Completion Date
EV Training Workshop- Solicit input on topics	Fleet managers/directors of transportation/sustainability staff	Q1
EV Training Workshop- Identify topics and speakers	Fleet managers/directors of transportation/sustainability staff	Q1
EV Training Workshop- Prepare presentations	Fleet managers/directors of transportation/sustainability staff	Q2
EV Training Workshop-Draft outreach materials and promote training through weekly e-blasts, individual invitations, social media, and coalition’s event webpage.	Fleet managers/directors of transportation/sustainability staff	Q2



EV Training Workshop- Host training	Fleet managers/directors of transportation/sustainability staff	Q3
EV Training Workshop - After hosting the training, solicit stakeholder feedback through post-event survey	Fleet managers/directors of transportation/sustainability staff	Q3

#### Task 4.0 – Coalition Council Participation *(Council Representatives Only)*:

Serve as a regional representative on the Coalition Council. Description of work to be performed:

**Goal:**

Not Applicable

**Activity:**

Not Applicable

**EVSTAR**



**AIG**

**DFW CLEAN CITIES**



## ABOUT ME



Kim Gray  
VP of Business Development  
EVSTAR

Experience: EV Charging Infrastructure Service, Sales and Warranties, Automotive Repair Industry, Commercial Real Estate

I've performed technical assessments on 8,269 DCF across the United States and driven over 200k miles in 17 electric vehicles.

Having seen just about anything that can go wrong with a charging dispenser or at a station, from offline dispensers to bug infestations, I joined EVSTAR to build the only underwritten warranty on electric vehicle charging equipment in the industry. We cover parts and labor for 5 yrs for M/E failure, ADH and Power Surge.

Our warranties are backed by AIG and EVSTAR is approved by the Departments of Insurance in all 50 states...

<b>Term</b> 5 Years	<b>Start</b> Date of Purchase	Mechanical & Electrical ✓
Customer Care Support ✓	Shipping Included ✓	Repair of Unit ✓
Replacement of Unit ✓	Refurbishment ✓	Accidental Damage ✓
Power Surge ✓	Labor Included ✓	Parts Included ✓

## UNDERWRITTEN COVERAGE

*Comprehensive insurance-backed warranty with top-tier coverage safeguarding against a wide range of risks, backed by AIG.*

## SUPERIOR PROTECTION

*Includes mechanical & electrical failures, power surges, and accidental damage from handling with a 72-hour on-site response.*

# ONE SOLUTION FOR EV CHARGER WARRANTY PROTECTION

EVStar offers a comprehensive insurance-backed warranty, with industry-leading coverage that protects against most incidents and is underwritten by AIG General Insurance Company.



## WHAT WE OFFER?

A full portfolio of warranty services, we will build a customized program that meets your specific needs and requirements.

I am also the Founder and CEO of EVSERT, or EVSE Reliability Technicians.

I built EVSERT as a preventative maintenance company that performs routine inspections to provide clients with real-time data, alerting them to offline dispensers, damaged assets, and general disarray at their locations. We assess the operability and functioning status of payment systems and identify security concerns such as homeless encampments, unsecured power cabinets, standing water near equipment, exposed wiring, broken displays, and coolant leaks.

Each inspection includes photos of dispensers, power cabinets, switchgear, enclosures, landscaping, curbing, striping, signage, and the surrounding geography. We ensure that equipment is cleaned and disinfected, excessive trash is noted and removed, and every port is tested for sufficient power deliverance. Additionally, we inspect hardware for cracked handles, weathered cables, broken cable management systems, and damaged display screens.



EVSERT is also certified by the US Department of Transportation to provide the following products and services:

NAICS 237130: CONSTRUCTION MANAGEMENT, POWER AND COMMUNICATION TRANSMISSION LINE

NAICS 423120: MOTOR VEHICLE INSTRUMENTS, ELECTRIC, MERCHANT WHOLESALERS

NAICS 423120: TESTING AND MEASURING EQUIPMENT,ELECTRICAL, AUTOMOTIVE, MERCHANT WHOLESALERS

NAICS 423610: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING, SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS

NAICS 488490: OTHER SUPPORT ACTIVITIES FOR ROADTRANSPORTATION

NAICS 531390: REAL ESTATE CONSULTING

NAICS 541611: SITE LOCATION CONSULTING SERVICES



In other words, if you need a connection, don't know where to start, need equipment, software... I'm a pretty good resource. I can get you direct pricing, wholesale pricing, I know what equipment lasts and which does not, and I can tell you the best fleet software on the market.



What I'm working on currently:



Uploading Mobile Units to FEMA's exchange for charging during disasters such as the fires in Los Angeles. The mobile units can charge multiple vehicles at one time and can run on various fuels from electricity to natural gas and propane. Every city or region should have a mobile unit in case of emergency evacuations.





High-Quality  
Equipment at a  
Fraction of the  
Price

An extremely rare and robust **OPPORTUNITY** to acquire top-of-the-line EV Charging units at an incredibly low cost with 5-Yr Parts and Labor Warranties included. There are also 44 brand new transformers that have never been energized which may be best suited for large build outs and data centers coming to the area.

### **ABB Charging Stations**

- Over **100 ABB Terra184 Level-3 Charging Stations**, all **brand-new** and **unused**, still in their original packaging. These are available to ship immediately.
- **500 ABB Level 2 and Level 3 charging stations** will be available in the coming weeks.

### **Hammond and Schneider Medium Voltage Dry-Type Pad Mount Transformers**

- **44 brand-new transformers** are available, ready for **immediate shipment** from the warehouse.
- **No 40-week lead time:** Skip the industry standard wait.
- Priced at **33% of MSRP** (a **67% discount** off current pricing).

**Terra 124/184 Dual CCS**



**180 kW - 140 units**

**120 kW – 24 units**

**Terra 54/94 CCS**



**50 kW – 69 units**

**90 kw – 7 units**

**Terra DC Wallbox CCS**



**20 kW - 241 units**

**Terra 350A Dual CCS**



**350A Dispenser – 38 units**

**Terra 350A Power Cabinet**



**350 Power Cabinet – 84 units**











### 44 Medium Dry-Type Transformer

Low Voltage	High Voltage	kVA	Condition	Quantity	Original Purchase Price	Take-all Price (67% off MSRP)
480Y / 277V	12470V	2000	Never Energized	2	\$ 199,640.00	\$65,399
480Y / 277V	24940V	2000	Never Energized	3	\$ 248,830.00	\$81,513
480Y / 277V	24940V	1000	Never Energized	3	\$ 91,195.00	\$29,874
480Y / 277V	24940V	500	Never Energized	3	\$ 60,085.00	\$19,683
480Y / 277V	21000V	2000	Never Energized	1	\$ 123,525.00	\$40,465
480Y / 277V	21000V	1500	Never Energized	2	\$ 104,285.00	\$34,162
480Y / 277V	13800V	1000	Never Energized	6	\$ 76,224.33	\$24,970
480Y / 277V	13800V	1500	Never Energized	5	\$ 86,015.78	\$28,178
480Y / 277V	13800V	2500	Never Energized	3	\$ 122,000.00	\$39,965
480Y / 277V	24940V	1250	Never Energized	1	\$ 93,492.07	\$30,627
480Y / 277V	12470V	1500	Never Energized	2	\$ 89,500.08	\$29,319
480Y / 277V	13800V	2000	Never Energized	3	\$ 99,420.15	\$32,569
480Y / 277V	24940V	1500	Never Energized	2	\$ 123,590.35	\$40,486
480Y / 277V	24940V	2500	Never Energized	1	\$ 142,032.76	\$46,528
480Y / 277V	34500V	2000	Never Energized	1	\$ 163,661.01	\$53,613
480Y / 277V	34500V	1000	Never Energized	3	\$ 120,660.80	\$39,527
480Y / 277V	13800V	500	Never Energized	3	\$ 55,769.55	\$18,269



