



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

Feedback on Regional Electric Vehicle Charging Station Projects

Joslyn Billings, Air Quality Planner

North Central Texas Council of Governments
January Public Meeting

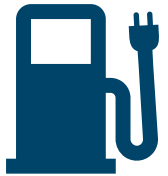
January 13, 2025

Clean Fuels & Energy Program Focus Areas



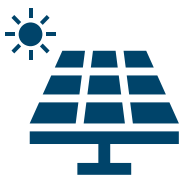
Clean Vehicle Initiatives

- Support Transition to Zero-Emission Vehicle and Other Alternative Fuel Technologies
- Assist Deployment of Clean Vehicle Technologies



Alternative Fuel Infrastructure Initiatives

- Deploy EV Charging Infrastructure Installations that Fill Gaps or Increase Equitable Access
- Support Increased Reliability and Resiliency of EV Charging Infrastructure
- Facilitate Infrastructure Network to Support ZEV Transition in Medium- and Heavy-Duty Sector



Energy Integration & Community Readiness

- Educate Local Governments on Best Practices to Support Clean Transportation Technologies
- Manage Grid Impacts Associated with Transportation Electrification and Support Energy Conservation
- Increase Local Adoption, Safety, and Resilience of Renewable Fuels (electricity, natural gas, hydrogen, biodiesel)
- Facilitate Workforce Development to Support Clean Transportation Technologies

2024 National Drive Electric Week

Providing an opportunity for electric vehicle (EV) education in a neutral no-sales environment

2024 Dallas-Fort Worth National Drive Electric Week

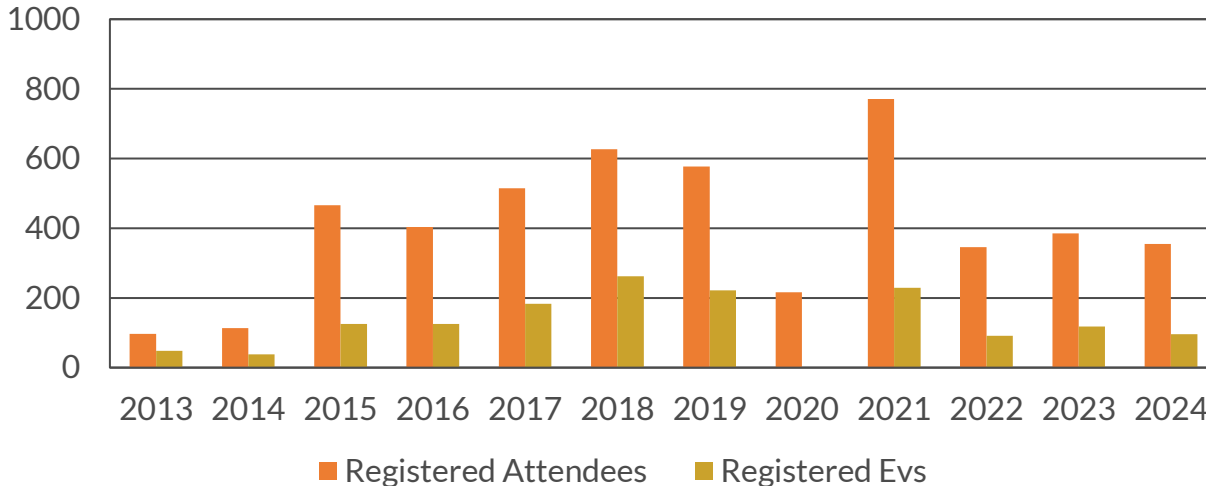
Sunday, October 6, 2024

Tanger Outlets 15853 North Fwy, Fort Worth, TX 76177

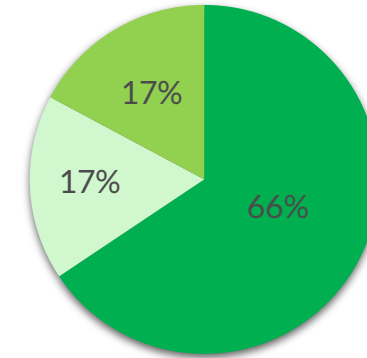
Attendees Registered Online: 355

Electric Vehicles Registered Online: 96

NDEW Historical Registration Trends



2024 NDEW Ride & Drive Survey



■ My next car will be an EV ■ This piqued my interest in Evs ■ I enjoyed the ride



Photo Source: NCTCOG



Feedback on Regional Electric Vehicle Charging Station Projects

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
 - Please contact cleancities@nctcog.org by January 17 to join the second cohort



Department of Energy 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 or contact us at cleancities@nctcog.org to get started
- Employers may also enter to win 2 free EV chargers from EnviroSpark Energy Solutions by interacting with [The Empower Project's LinkedIn post](#) and taking their short survey! The winner will be announced January 23.

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)

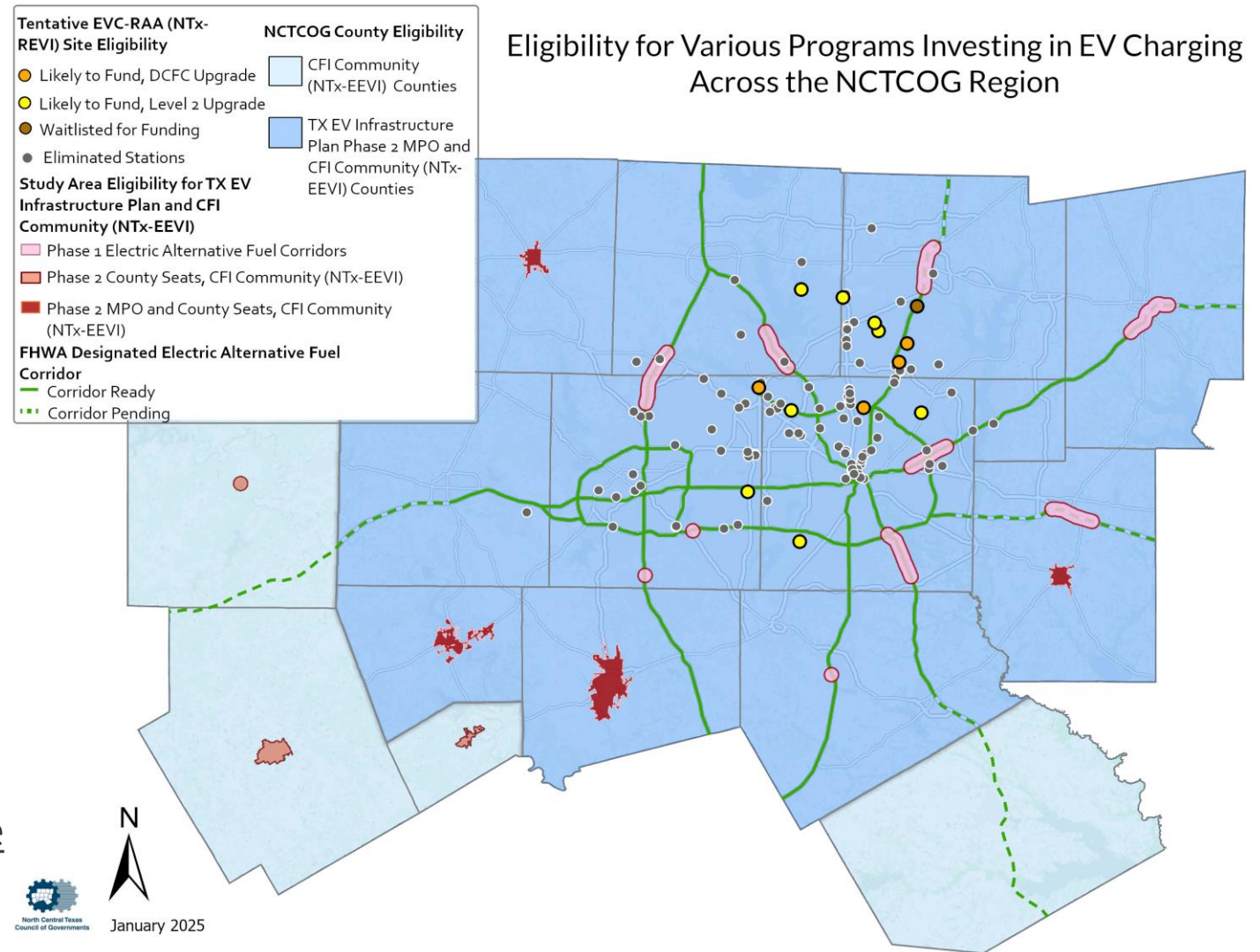
North Texas Equitable Electric Vehicle Infrastructure Project (NTx-EEVI)*

\$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

*NCTCOG seeking feedback



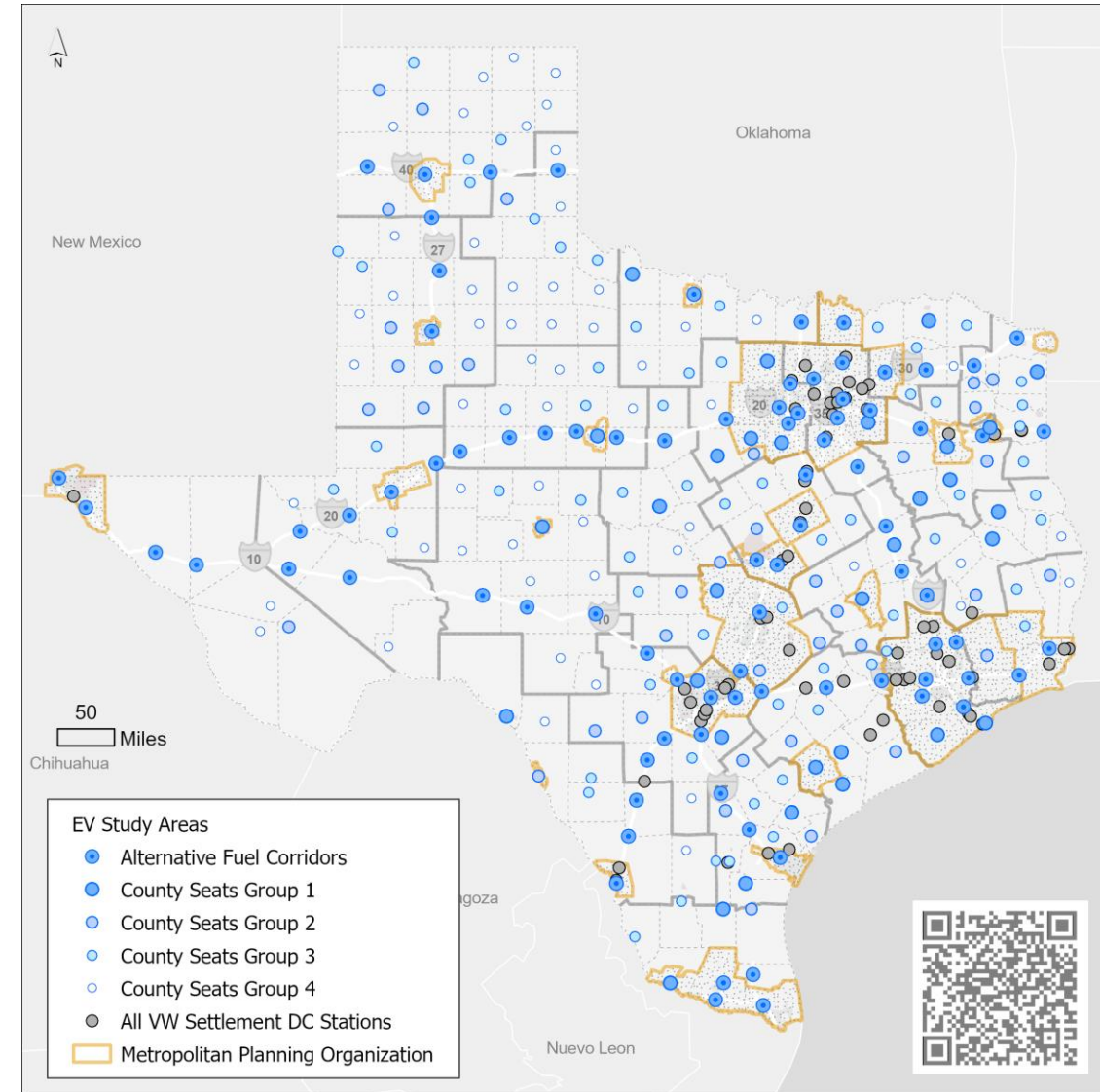
Texas EV Infrastructure Plan

Phase 1: Along Alternative Fuel Corridors
(Complete)

Phase 2: Two parallel approaches

1. Rural county seats
 - NCTCOG counties impacted: Erath, Hood, Johnson, Kaufman, Palo Pinto, Somervell, and Wise
2. Urbanized areas, advised by Metropolitan Planning Organizations (MPOs)
 - NCTCOG allocation: ~\$60 Million

Plan documents and materials posted at publicinput.com/nctcogEVcharging ->
Project Details



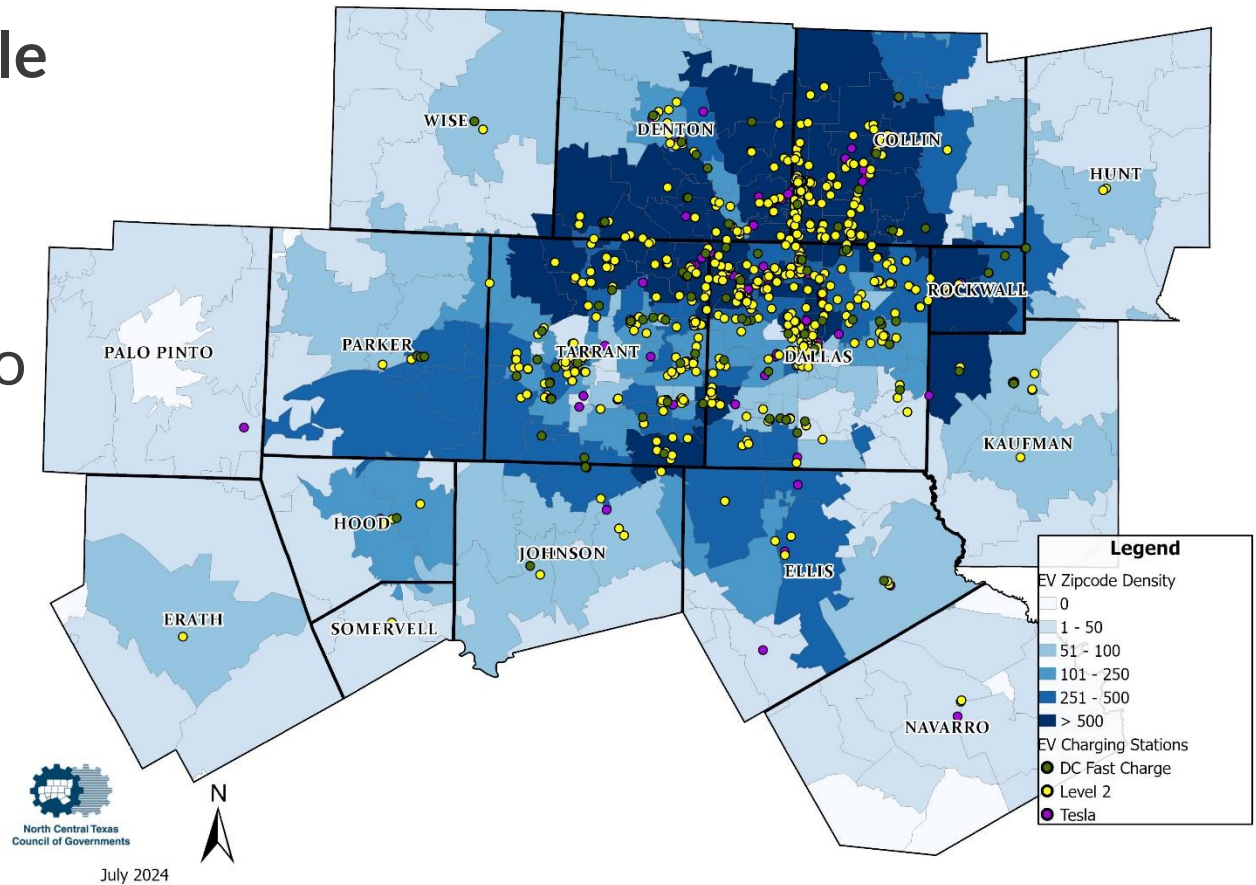
Source: TxDOT Texas EV Charging Plan Story Map: [Texas Electric Vehicle Infrastructure Plan \(arcgis.com\)](https://arcgis.com)

Charging and Fueling Infrastructure Community Program

Currently Available Electric Vehicle Chargers in the NCTCOG Region

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

Awarded \$15 million to build EV charging stations on public property to provide up to 100 charging ports regionwide and create specialized technical teams to streamline implementation



EV Charger Investment Priorities

| | | |
|------------------------|--|---|
| Program: | Texas EV Infrastructure Plan: Phase 2 MPO Allocation ~\$60 Million | NTx-EEVI \$15 Million |
| Eligibility | Private Sector Properties Level 2, DC Fast Charge, or Medium/Heavy Duty Truck Charging; TxDOT has advised <i>against</i> Level 2 | Public Sector Properties Level 2 or DC Fast Charge; proposal emphasized DC Fast Charge |
| Emphasis Areas* | To Be Determined; Preliminary Ideas: Evacuation Routes and “Secondary Highways” not Designated as Alternative Fuel Corridors (e.g. US 287, US 380, etc.) MHD Truck Charging Hubs | Justice 40 Areas Areas with Low Ratio of Private Parking or High Ratio of Multi-Family Housing Sites that can also Serve as Multi-Modal or Fleet Charging Hubs Rural Areas |

*Emphasis areas for NTx-EEVI reflect elements presented to committees at time of proposal submittal



Local EV Interest Survey

NCTCOG is asking cities, counties, or other public agencies to take the Local EV Interest Survey on NCTCOG's [Regional EV Charging Station Projects website](#) to inform us about their community's needs.

The survey results will be used to inform the distribution of grant funds.

Survey sections:

- General Information

- EV Charger Interest – Organization

- EV Charger Interest – Community

- EV Charger Siting

- Community Engagement

How to Get Involved

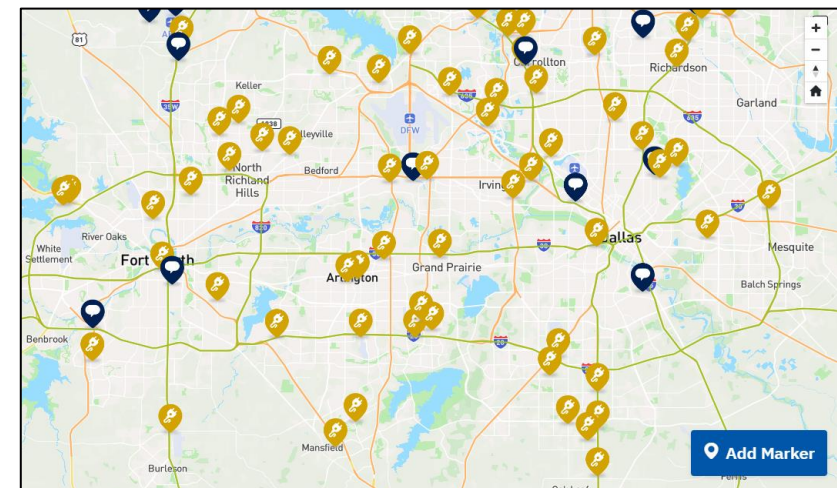
Visit the Regional EV Charging Station Projects page: publicinput.com/nctcogevcharging

Residents/Businesses:

- Sign up for email updates for future public engagement events in the NCTCOG region
- Submit comments and site suggestions on TxDOT Interactive Map
- Interested vendors may sign up on the Transportation Department Vendor Database
- Attend public engagement events
- Spread the word!

Public Agencies:

- Take the Local EV Interest Survey
- Share opportunities with residents
- Identify and share potential EV charging locations with NCTCOG



Texas EV Infrastructure Plan Interactive Map

For More Information



Joslyn Billings
Air Quality Planner
Jbillings@nctcog.org
817-695-9294



cleancities@nctcog.org



[publicinput.com/
nctcogEVcharging](http://publicinput.com/nctcogEVcharging)



Meetings, webinars, events: dfwcleancities.org/events

Email subscriptions: dfwcleancities.org/getinvolved

LinkedIn: [linkedin.com/showcase/dfwcleancities](https://www.linkedin.com/showcase/dfwcleancities)