

North Texas Regional Integration of Sustainability Efforts (RISE) Coalition

July 30, 2025



North Central Texas
Council of Governments

RISE Coalition Website: <https://www.nctcog.org/envir/development-excellence/rise-coalition>
RISE Coalition Committee Page: <https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

Welcome and Introductions

- [Virtual attendance form](#) today in-lieu of sign-in sheet.
- Please keep your microphone on mute unless you are speaking.
- Use the "raise hand" feature if you'd like to speak. When called on, state your name and the entity you are representing.
- Approval of action items will still be done by a voice vote. Please only vote if you are a member of the RISE Coalition.

July 30, 2025

RISE Coalition Agenda

Welcome

- 1) Welcome and Introductions

Presentation

- 2) Solar Energy Consulting Services

Action Items

- 3) Meeting Summary
- 4) Appoint FY2026 Vice Chair
- 5) FY2026 Work Plan Discussion and Approval

Discussion

- 6) Climate Pollution Reduction Grant Update

Information Items

- 7) FY2025 Work Plan and Project Updates
- 8) FY2025 Member Cost Share Commitments
- 9) FY2026 Member Cost Share Update
- 10) 89th Texas Legislative Session Update
- 11) NCTCOG Regional Opportunities

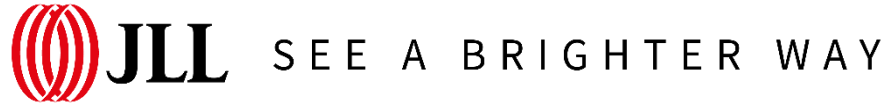
Other Business

- 12) Participant Roundtable
- 13) Future Agenda Items
- 14) Next Meeting Date



Solar Energy Consulting Services

Robert Anderson, Senior Vice President, &
Andrew Linowes, Vice President, Jones Lang
LaSalle Americas, Inc



Solar Energy Consulting Services

**North Central Texas Council of
Governments (NCTCOG)**

July 2025



Who is JLL Energy Advisory?

Trusted public sector partner for clean energy solutions

JLL Americas Energy Advisory

\$50B+
value of executed
transactions

10 GW+
of projects developed
/advised on

45+
U.S.-based experts
in energy and
sustainability

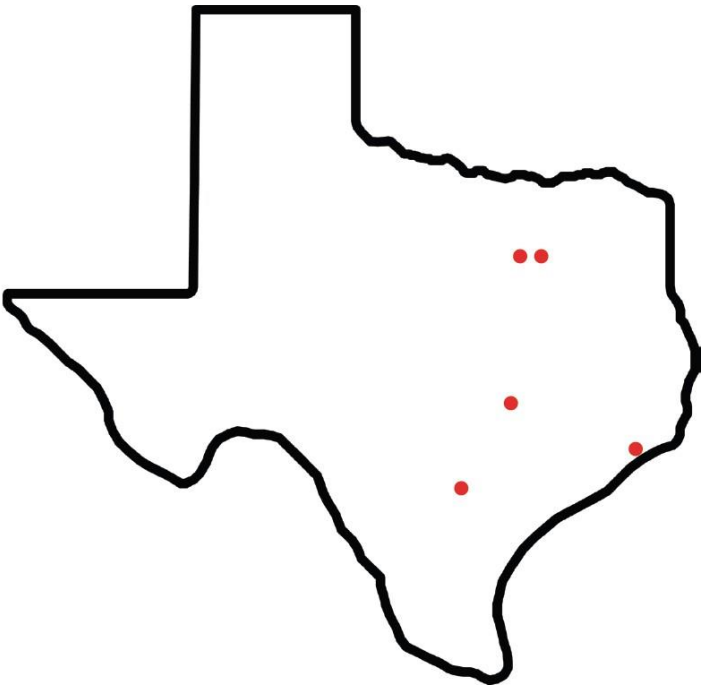
15+ years
delivering energy services

Our U.S. clients include:

- | | |
|-----------------------|---------------------|
| Technology | Industrials |
| Financial | Healthcare |
| Transport Authorities | Government Agencies |
| Data Centers | Life Sciences |

Key JLL Texas Offices

- Austin**
1703 W 5th St, Suite 850
Austin, TX 78703
- Dallas**
2401 Cedar Springs Rd, Suite 100
Dallas, TX 75225
- Houston**
4200 Westheimer RD, Suite 1400
Houston, TX 75225
- Fort Worth**
201 Main St, Suite 500
Fort Worth, TX 76102
- San Antonio**
9611 McAllister Fwy, Suite
11 San Antonio, TX 78116



Why solar and storage are strategic for NCTCOG members

Local governments have a unique opportunity to lead & support grid reliability and resilience.

Texas is a leading clean energy market



Favorable economics & regulations

- Dynamic market for solar and storage (#1 state in added capacity in 2024)
- Interconnection and permitting more streamlined and faster
- Time-of-Use pricing is common
- ERCOT demand response programs



State policy supports reliability + resilience

- SB6 mandates flexibility from large energy users (or face curtailment) **NEW**
- \$1.8B in microgrid resilience funding (Texas Backup Power Package) **NEW**
- Grid reliability and resilience are policy priorities
- Will likely benefit solar, storage and microgrids

Need to act fast to benefit from Federal Incentives



Solar projects must start by July 2026 or be in service by end of 2027



EV charging (EVSE) incentives expire September 2026 (Section 30C)



Storage and other clean tech remain eligible to tax credits until 2033

Energy Advisory Offerings

Our Services

Engineering & Audit



Energy Auditing

Identifying efficiency measures through building system evaluation and optimization

Retro-commissioning

HVAC system investigation & testing to identify issues, improve performance, and ensure compliance with requirements

Project Preliminary Design & Engineering

Preconstruction design and feasibility assessment for system retrofits, in-house commissioning, and optional M&V services

Technical Engineering & Optimization Studies

Studies for chilled water system optimization, harmonics evaluation, solar PV, VFD, utility rate analysis, and more

Finance & Procurement



Energy Offtake & PPA Advisory

Structuring PPAs for generators and providing advice to off-takers and consumers

Project Finance Advisory

Investment-grade financial assessment of projects, including cost analysis, risk evaluation, and funding strategies for optimized outcomes.

Energy Infrastructure Feasibility & Procurement Advisory

Viability assessment of energy projects and RFP guidance for infrastructure and utility contracts

Technical Program Management



Technical Program Management

Comprehensive oversight of energy infrastructure programs for public and private institutions

Technical Energy/ MEP Project Support

Design services and construction management for infrastructure upgrades

Energy Asset Management and Optimization

Lifecycle management of energy assets, including continuous monitoring and maintenance to optimize operations

Our Expertise



Building Efficiency

Energy auditing and retro-commissioning to unlock low-or-no cost efficiency measures, with capability for full design, feasibility assessment, and engineering services



Renewable Energy

Supply-side solutions to help decarbonize our clients' energy supply through onsite, offsite, and offset solutions



Electric Vehicle Infrastructure

Weighing risk against control to help you find a model that maximizes the value of owning and operating EV fleets and charging infrastructure

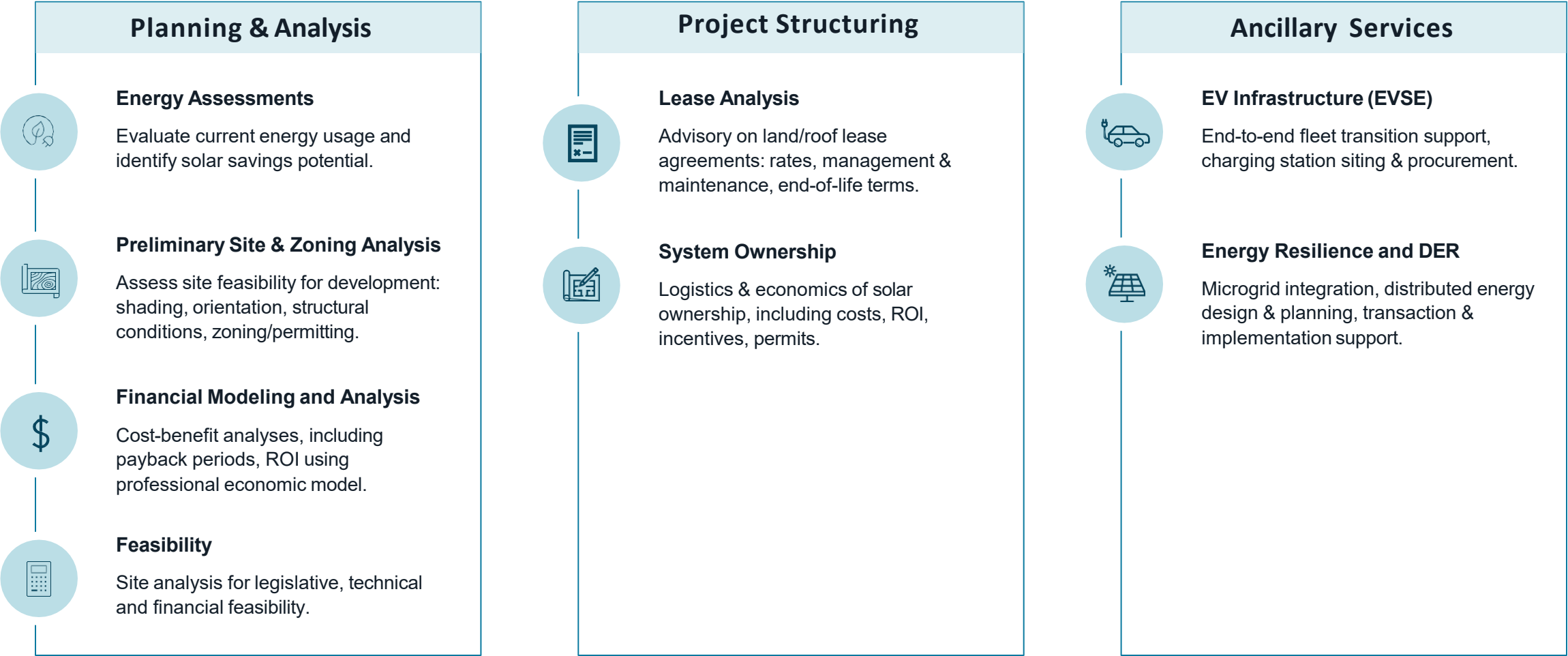


Resilience

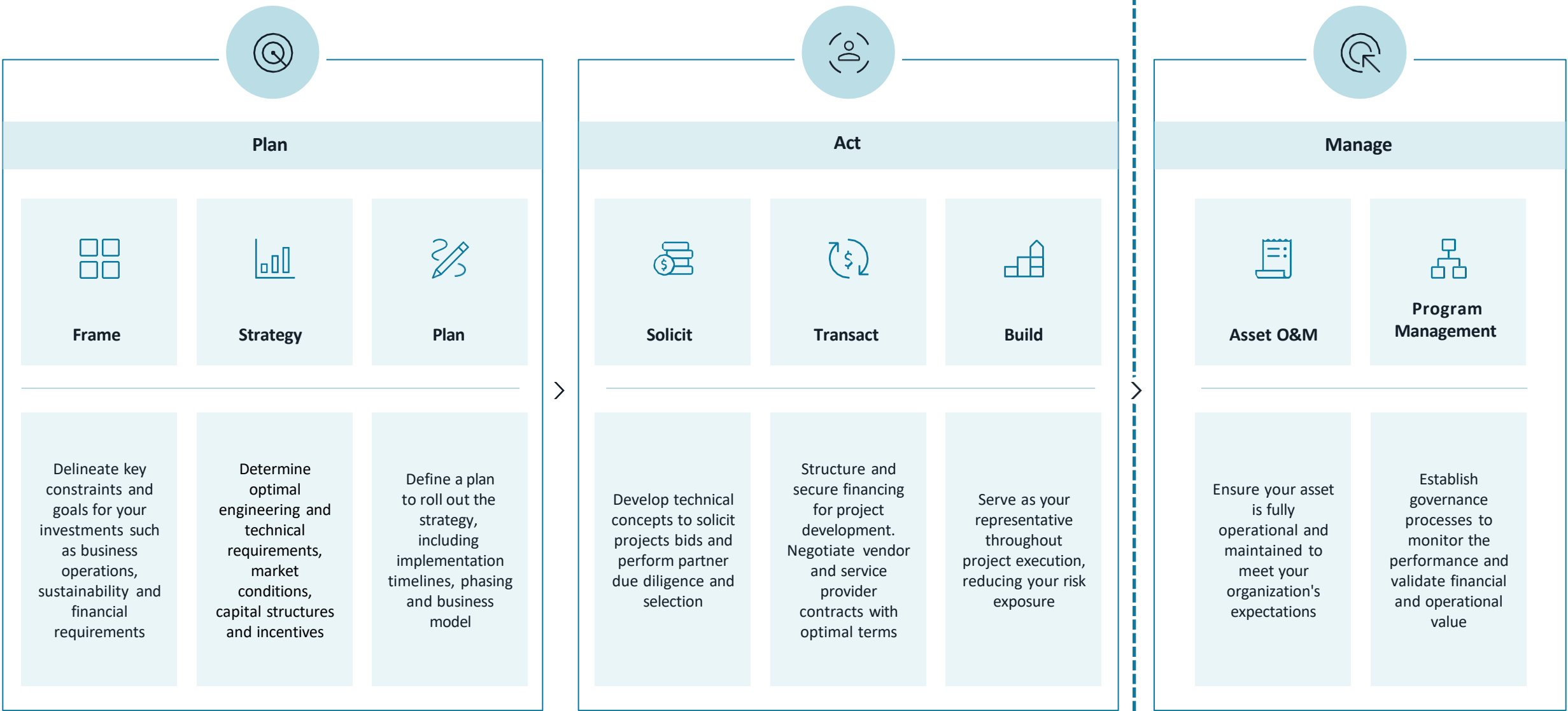
End-to-end microgrid, demand management, and energy storage services encompassing technical, financial and market advisory to help clients proactively secure a resilient energy future

JLL’s core services under the Master Services Agreement (MSA)

Flexible, modular offerings tailored to your solar, EV, and resilience needs

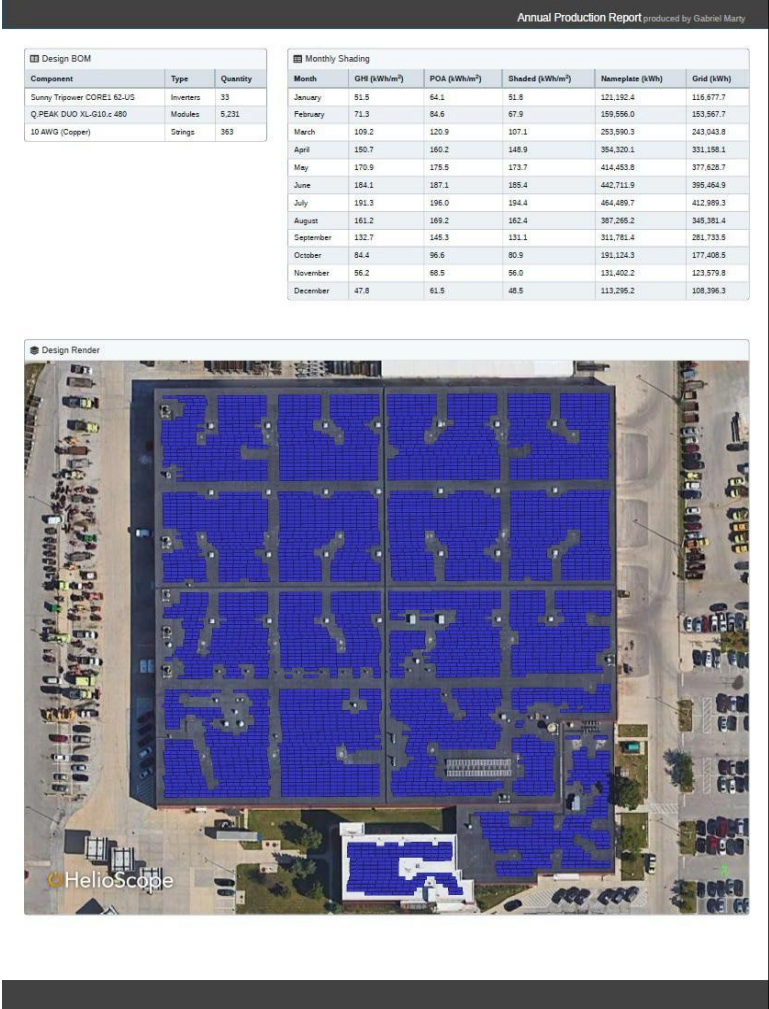
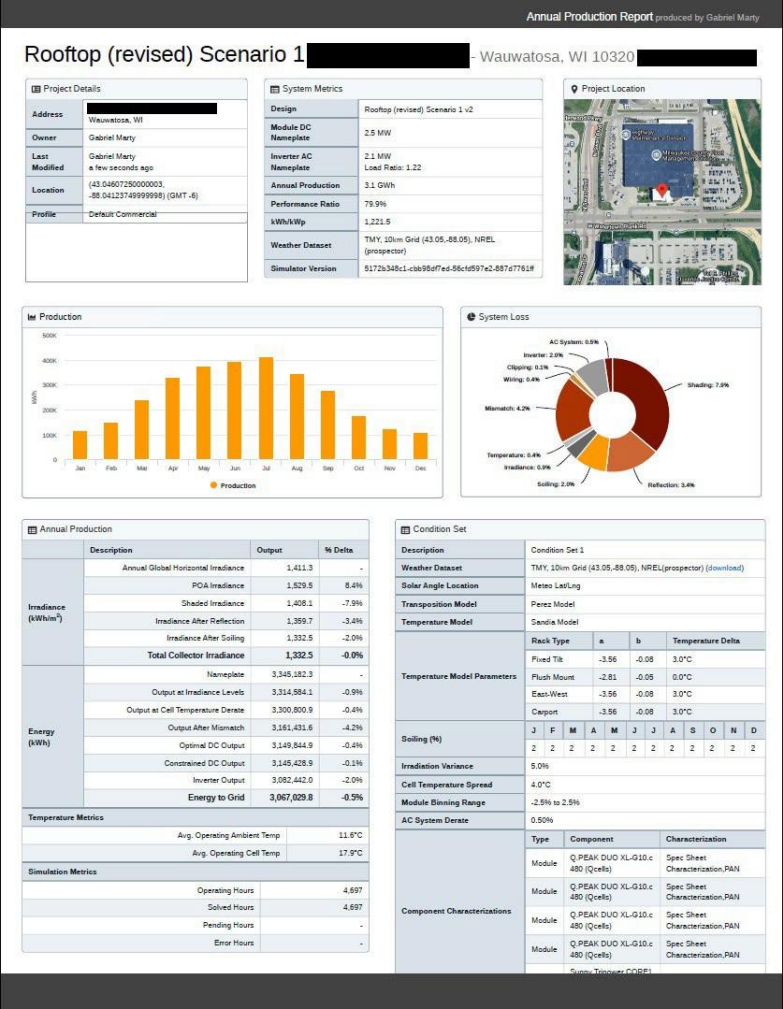


JLL's end-to-end support: from idea to execution



JLL delivers actionable results for simplified decision-making

- List of go/no-go sites from the Portfolio Assessment
- System design using industry-standard assumptions and software
- Estimated system capacity & annual solar generation
- From Financial modeling & analysis:
 - Costs: Capital and O&M costs, incentives
 - Benefits: Avoided utility costs, revenue for selling solar production and by storage use case, lease payments, GHG emission reduction
 - Cash flow schedule, IRR, NPV, Payback Period



Example of Helioscope Annual Production Report

If you have asked yourself any of these, JLL can help!



How much of my current facility usage can be covered by on-site solar/storage?

JLL will analyze your facility's historical and projected energy usage, model a solar/storage system tailored to your site & assess production using industry-standard tools and assumptions, so you could see exactly how much of your usage could be offset by solar/storage.



Does clean energy make economic sense? Do the savings outweigh the upfront cost?

JLL will deliver a detailed financial proforma with upfront costs, available incentives, projected cash flows over the lifetime of the project, as well as important economic indicators - including IRR, NPV, and payback period - so you could make an informed decision. JLL will also explore alternative ownership options with low or no upfront costs – such as a Power Purchase Agreement.



I want to pursue clean energy infrastructure, but I manage a large portfolio and I'm not sure where to start.

JLL can perform a portfolio-wide assessment to identify high-potential sites based on technical, financial, and regulatory feasibility — helping you prioritize investments aligned with your goals.



I've heard about clean energy incentives but I'm not sure if I would qualify or how to actually access them.

JLL can map out the full landscape of federal, state, and utility incentives and helped you understand eligibility, timelines, and how to stack benefits for maximum value.

Contact Us

- Fill a short [contact form](#) to get started

JLL Energy Advisory Services -
Contact Us



Contact us



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Case study: solar feasibility study for NTMWD

JLL evaluated on-site solar opportunities across 7 utility and wastewater facilities - North Texas Municipal Water District ultimately chose not to proceed due to low utility rates.

Project Summary

- **Sites Assessed:** 7 utility & wastewater treatment facilities
- **Goal:** Reduce operational costs or monetize land through on-site solar
- **Services Provided:** Technical feasibility assessment, financial modeling, and ownership strategy analysis

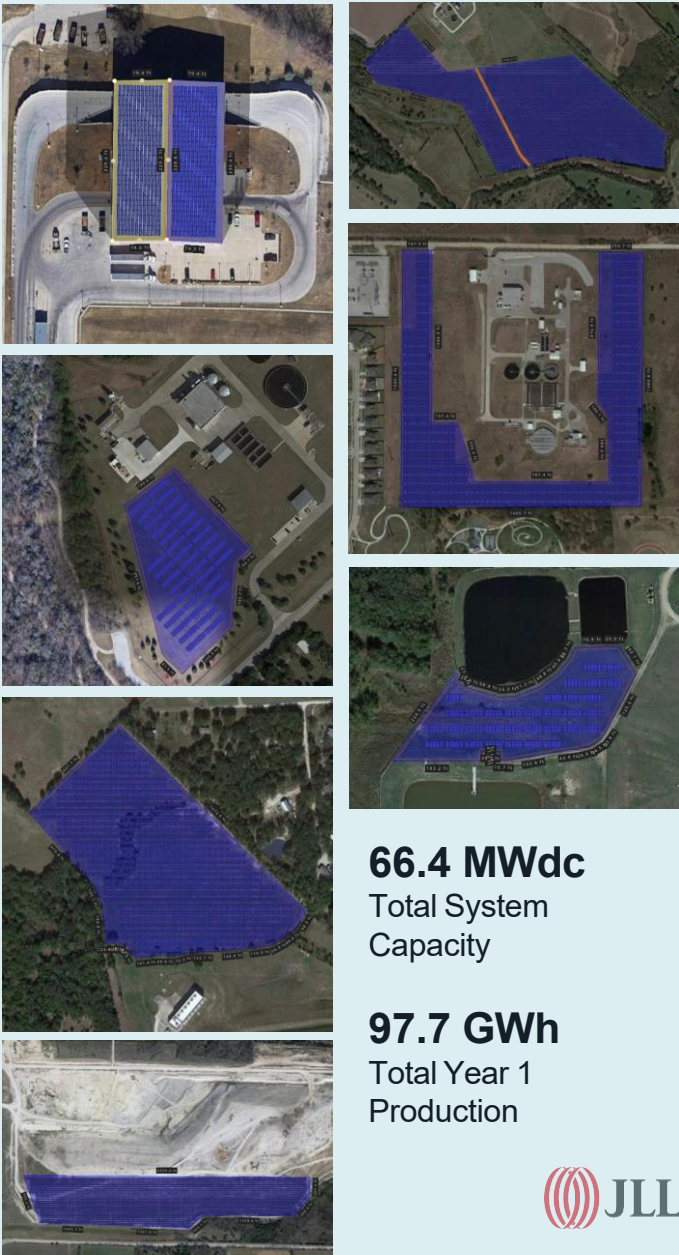
Technical Findings

- Evaluated site conditions, array sizing, location feasibility (rooftop vs. ground-mount)
- Assessed interconnection and physical constraints
- Considered slope, shading, permitting, and solar access

Economic Findings

- Financial modeling showed solar costs exceeded NTMWD’s existing low utility rates
- Limited financial benefit due to low behind-the-meter offset potential
- Market testing revealed insufficient developer interest at current tariff levels

Preliminary System Design



Case study: landfill solar feasibility study in Waco, TX

JLL analyzed landfill solar at three sites; the city ultimately elected not to proceed forward due to unfavorable economics

Project Summary

- **Sites Assessed:** 3 municipal landfills
- **Services Provided:** Technical feasibility assessment (JLL + Black & Veatch); Economic viability analysis across 3 delivery models
- **Goal:** Evaluate potential for on-site solar development

Technical Findings

- All 3 sites suitable for **ballasted solar PV** installations
- No major slope, landfill gas, or cap concerns
- Total **solar capacity:** 16.7 MWdc
- Total **estimated Year 1 production:** 26.7 GWh
- Systems sized under 10 MWac to comply with ERCOT fast-track **rules**

Economic Findings

- **Behind-the-Meter:** Not viable due to low site energy usage and restrictive utility contract
- **Community Solar:** No active programs in the Waco region
- **Lease/Asset Monetization:** Developer revenue insufficient to meet return thresholds
- **Market Sounding:** Local stakeholders uninterested at current wholesale prices (\$0.06/kWh vs. \$0.08–\$0.09/kWh needed)

Preliminary System Design



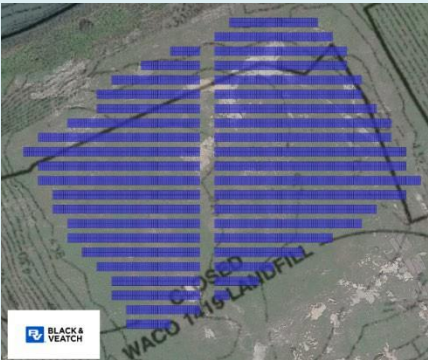
1.75 MWdc
System Capacity

2.79 GWh
Year 1 Production



12.2 MWdc
System Capacity

19.43 GWh
Year 1 Production



2.78 MWdc
System Capacity

4.51 GWh
Year 1 Production

Action Items

Meeting Summary

Action Item: Vote to Approve May 14, 2025, [Meeting Summary](#).

Action Items

Appoint FY2026 Vice Chair

- Per bylaws, current Vice Chair moves automatically to Chair for one-year term.
- Elections held to fill Vice Chair for one-year term.
- Received one nomination for Vice Chair
 - Cory Heiple, City of Carrollton
- Final call for nominations

Action Item: Vote to Appoint Vice Chair

Action Items

FY2026 Work Discussion and Planning

Draft FY2026 Work Plan

- **Summary of FY2026 Goals:**
 - Hold up to 4 public meetings
 - Support work on Climate Action Plan
 - Establish at least 1 partnership with a local university
 - Host 2 webinars or workshops on key topics of interest
 - Host a regional training workshop
 - Conduct Regional Sustainability Survey
- **FY2026 Focus Topics:**
 - Identified based on last meeting's discussion and responses to sustainability survey

Proposed Focus Topics



Regional Climate
Action Planning



Energy Efficiency



Sustainable
Procurement



Incorporating
Regional Greenspaces

Action Items

FY2026 Work Discussion and Planning

Draft FY2026 Work Plan

- **FY2026 Focus Topics:**
 - Regional Climate Action Planning
 - Air quality, greenhouse gas emissions inventories
 - Energy Efficiency
 - Energy codes, policy development, grid modernization
 - Sustainable Procurement
 - Renewable electricity contracts
 - Incorporating Regional Greenspaces
 - Greenspace planning, riparian areas

Action Item: Vote to Approve FY2026 Work Plan

Proposed Focus Topics



Regional Climate
Action Planning



Energy Efficiency



Sustainable
Procurement



Incorporating
Regional Greenspaces

Dallas Fort-Worth Air Quality Improvement Plan

July 30, 2025

North Central Texas Council of
Governments



Dallas-Fort Worth Air Quality Improvement Plan

Dallas-Fort Worth Air Quality Improvement Plan (DFW AQIP): Comprehensive Action Plan (CAP)

Due December 1, 2025*

Builds on Priority Action Plan submitted in 2024 (www.publicinput.com/dfwAQIP)

- Comprehensive Emissions Inventory
 - Projections and Targets
- Measures to Improve Air Quality in All Sectors Through 2050

Comprehensive Stakeholder Engagement

Air Quality Planning for All Emissions of Local Concern

Integrating Regional and Statewide Plans

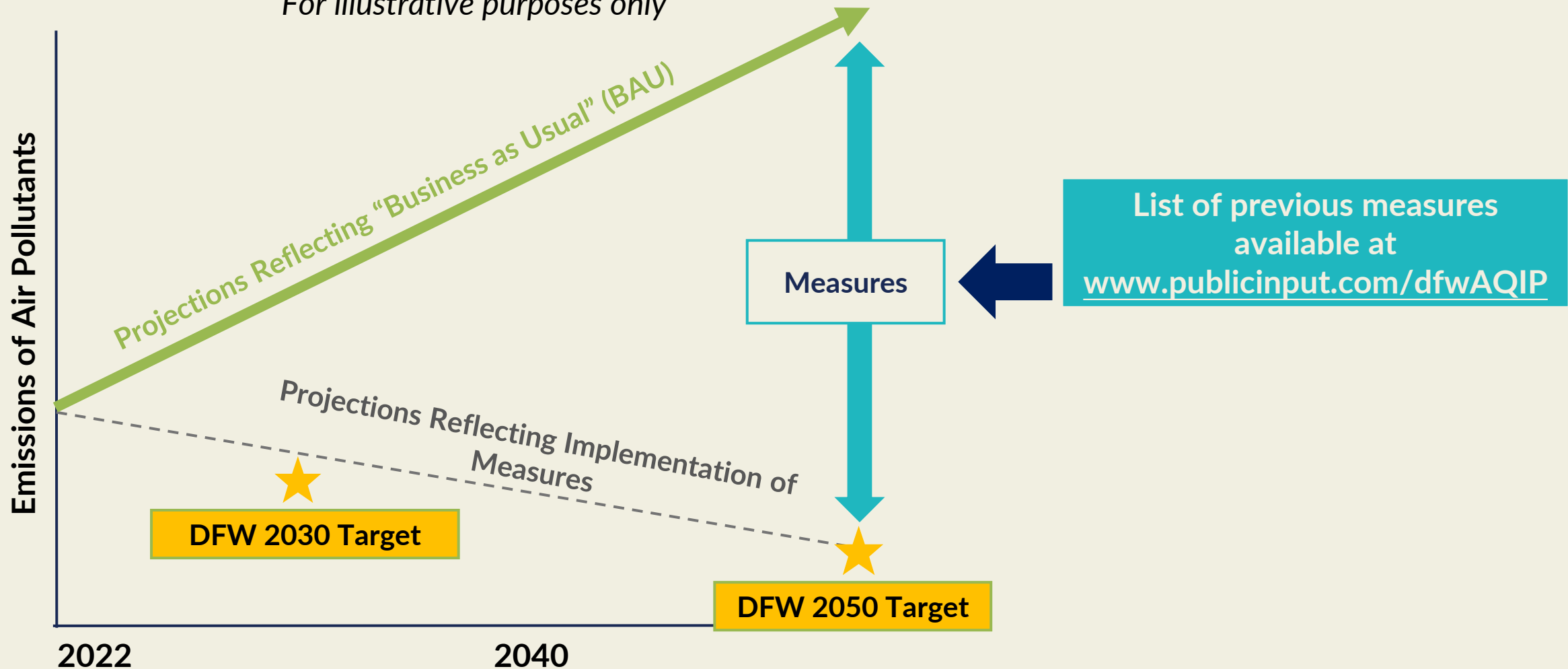
**The DFW AQIP development is supported by funding from Environmental Protection Agency's (EPA) Climate Pollution Reduction Grants (CPRG): Planning Grants*

The Texas Commission of Environmental Quality is developing a [Statewide CAP](#) under the CPRG: Planning Grants



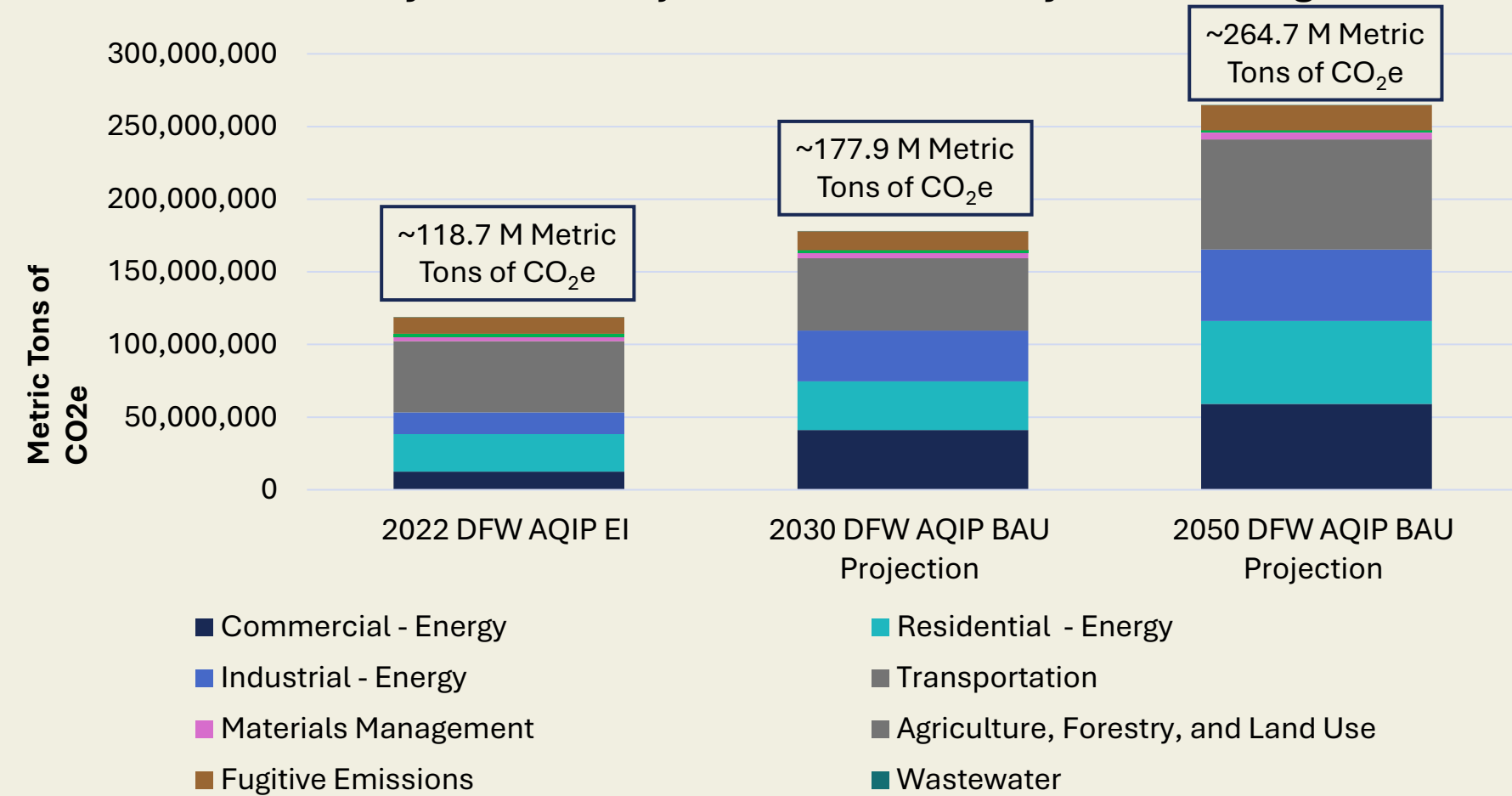
CAP Requirements: Projections, Targets, and Measures

Example Targets
For illustrative purposes only



Emissions Inventory and BAU Projections DRAFT

**Draft DFW AQIP: CAP Carbon Dioxide Equivalent CO₂e
Inventory and BAU Projections for 16 County NCTCOG Region**



Key Takeaways:
Energy Sector (Commercial, Residential, and Industrial) is largest emitter of CO₂e in DFW; **45%** in 2022 and **62%** in 2030

Transportation Sector remains second largest; **41%** in 2022, **28%** in 2030

Growth Due to:

- **4.8M** increase in population by 2050
- **169M** vehicle miles traveled per day increase by 2050
- **13%** Average Annual Growth in ERCOT Annual Energy Forecast from 2024 to 2030 primarily due to addition of large loads*

***Source:**
www.ercot.com/gridinfo/load/forecast -
>ERCOT 2025 Long-Term Forecast Report

Emissions Inventory and BAU Projections

Sector	2022 DFW AQIP EI (Metric Tons of CO ₂ e)	2030 DFW AQIP BAU Projection (Metric Tons of CO ₂ e)	2022- 2030 % Change	2050 DFW AQIP BAU Projection (Metric Tons of CO ₂ e)	2022- 2050 % Change
Commercial- Energy	12,532,114	41,190,542	229%	59,027,365	371%
Residential- Energy	25,777,875	33,381,679	29%	57,078,515	121%
Industrial – Energy	14,974,254	35,119,462	135%	49,228,999	229%
Transportation	48,933,979	49,736,178	2%	75,717,006	55%
Materials Management	3,193,580	3,618,196	13%	4,663,715	46%
Agriculture, Forestry, Land Use	1,903,646	1,778,595	-7%	1,518,868	-20%
Fugitive Emissions	11,379,084	13,092,940	15%	17,446,668	53%
Wastewater	1,606	1,846	15%	2,459	53%



Measure Requirements

Deliverable	Timeframe	Quantifiable Emissions Reductions?*	Sectors	Funding Analysis	Cost Estimates	Tracking Metrics	Implementing Agencies	Other Requirements
PCAP	2025-2030	Yes	Priority Sectors Only	No	No	Yes	Yes	N/A
CCAP	2025-2050	Yes	All Sectors	Yes	Yes	Yes	Yes	Be specific enough to implement and measure Support Targets for CCAP

**Efforts which are necessary to undertake to achieve a measure but do not result in direct emission reductions (ex: workforce development) can be “bundled” with a measure.*

Targets should be **actionable, ambitious, achievable



Measure Updates



Transportation

Updating per EPA Guidance and new long-term transportation plans



Waste Management

Provided update to Resource Conservation Council; Created survey to request stakeholder input on priorities



Energy

Completed Section 185 Fee Meeting on June 10, working to update measures per stakeholder feedback



Agriculture, Forestry, and Land-Use

Working with local stakeholders; Created survey to request stakeholder input on priorities



Water/Wastewater

Provided update to Water Resource Council; Created survey to request stakeholder input on priorities



Cross-Sector

Will be removed/incorporated into other sectors per EPA guidance

Draft Measures will be posted for comment this fall. Go to www.publicinput.com/dfwAQIP to sign up to be notified when public meetings will occur, or become a collaborating agency



Contact Us



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Publicinput.com/dfwaqip



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Information Items

FY2025 Work Plan and Updates

Guided by [FY2025 Work Program](#)

- **Summary of FY2025 Goals:**
 - Hold up to 4 public meetings
 - Support work on Climate Action Plan
 - Establish at least 1 partnership with a local university
 - Host 2-3 webinars or workshops on key topics of interest
 - Administer FY2025 CLIDE Awards
 - Conduct Regional Sustainability Survey

Current Focus Topics



Regional Emissions
Assessment



Resilience Hubs



Engaging with
Communities on
Sustainability



Incorporating
Regional Greenspaces



2026 FIFA World Cup

Information Items

Task 4. Educational Resources

Workshops/ Webinars

- Engaging Communities on Sustainability Webinar – July 29, 2025
 - Presentations highlighted how to communicate climate change to different audiences and successful community engagement campaigns on sustainability-related topics
 - [Workshop materials posted on Conserve North Texas](#)

Center of Development Excellence Newsletter

- [June Newsletter](#) featured University of North Texas

Information Items

Task 5. Administer Celebrating Leadership in Development Excellence (CLIDE) Awards

- 6 CLIDE Award winners were recognized at NCTCOG's General Assembly
 - **New Development Category:** Honey Springs-Cedar Crest Trail
 - **Special Development Category:** Lavon Lake Watershed Protection Implementation: Low Impact Development Construction and Guidance
 - **Special Development Category:** Constellation of Living Memorials
 - **Public Planning & Policy Category:** Business 121 Corridor Plan
 - **Raising Public Awareness Category:** Lewisville's Backyard Cottage Design Competition
 - **Raising Public Awareness Category:** Plano Development History Project



Information Items

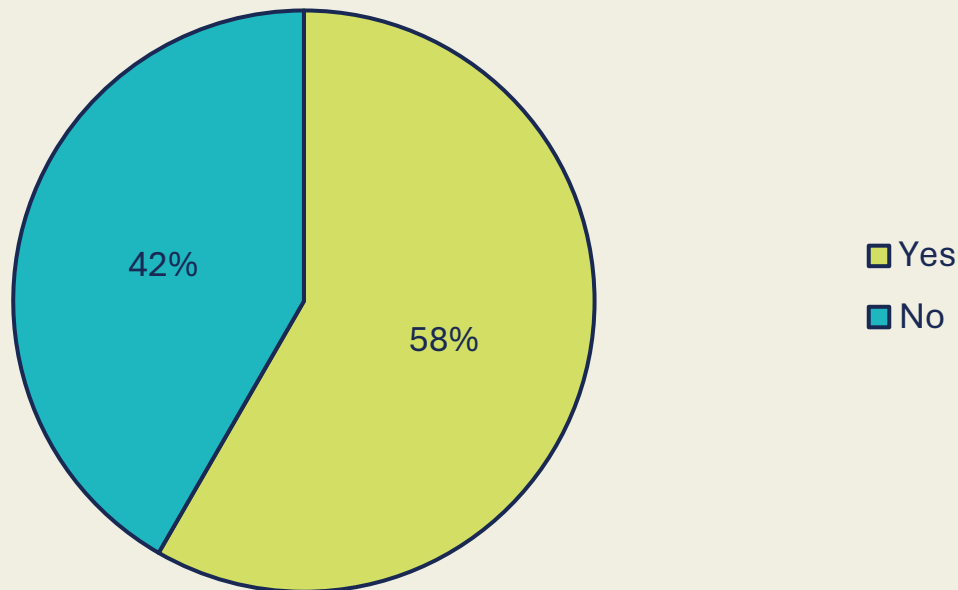
Task 6: Conduct Regional Virtual Sustainability Survey

- NCTCOG conducted a [regional sustainability survey](#) to understand the state of sustainability in North Central Texas
 - Received 11 responses
 - 5 RISE members
 - Responses from cities/counties, regional organizations, non-profits, and private entities

Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

Does your community or organization have any official environmental/sustainability goals?

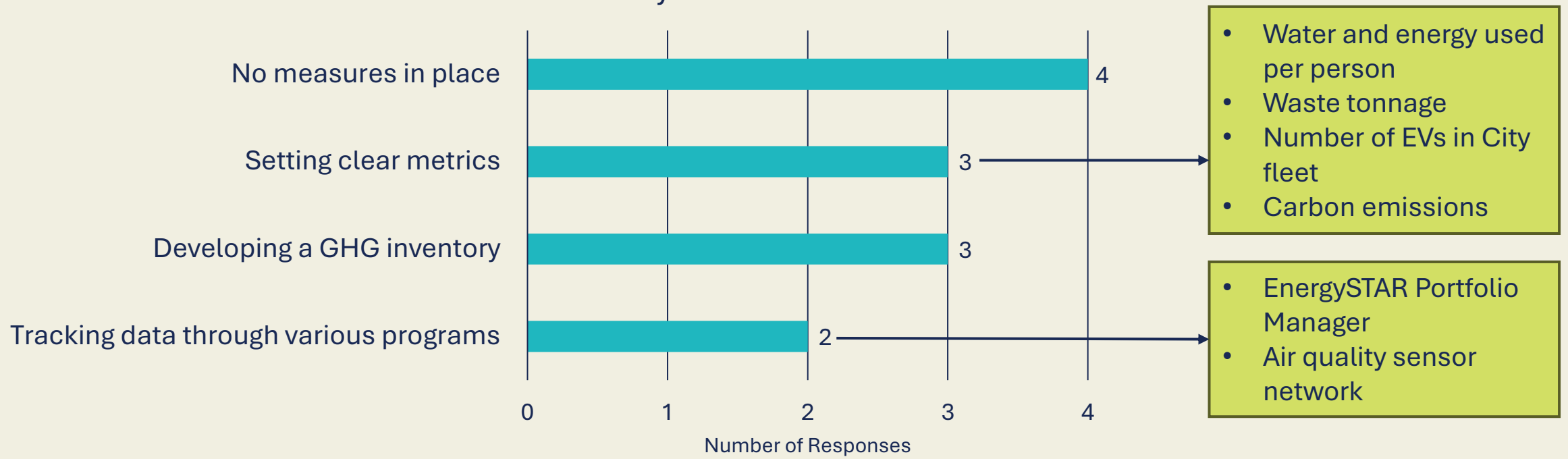


- Reduction goals
 - Net zero goals
 - Energy and water usage reduction
 - Traffic reduction
- Plans and frameworks with clear goals
 - Reducing waste/increasing diversion
 - Energy efficiency efforts
 - Expanding green spaces
 - Water conservation and management
- Resident education and engagement

Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

How does your community or organization measure the success of its sustainability initiatives?



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

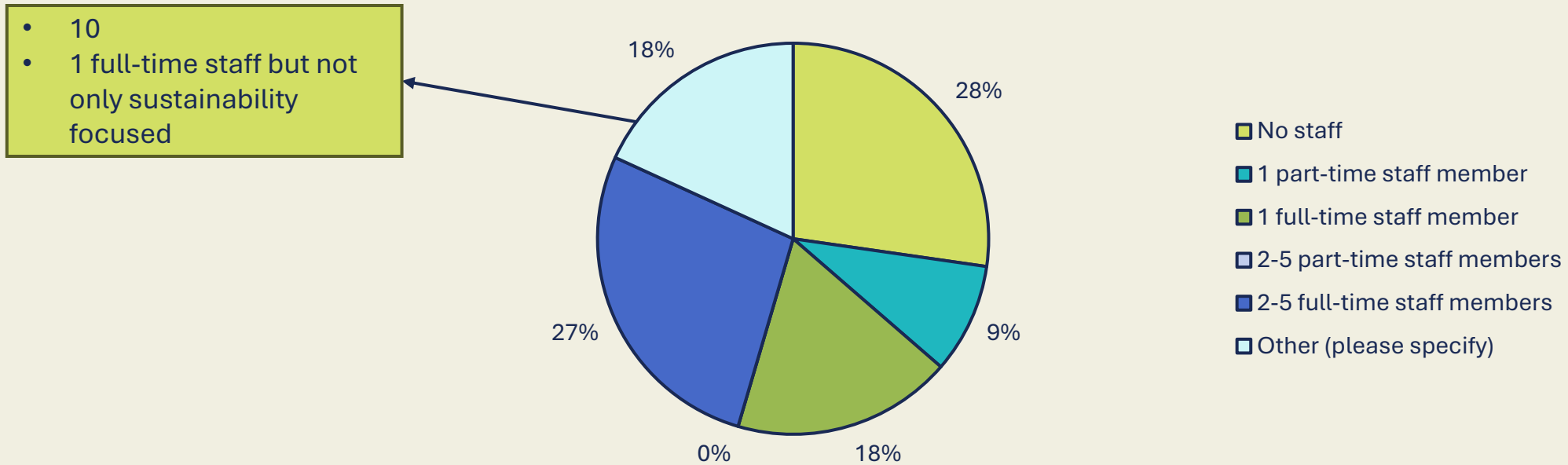
What have been the biggest barriers or challenges you've faced in achieving your sustainability goals?



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

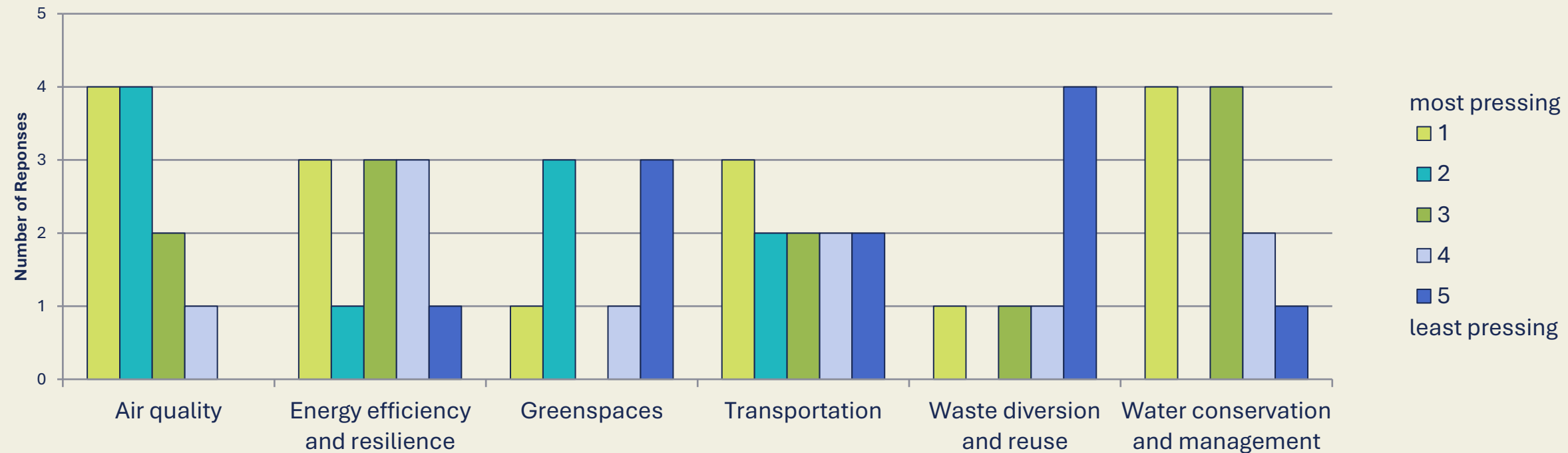
What is your community's staff capacity in roles dedicated specifically to sustainability topics?



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

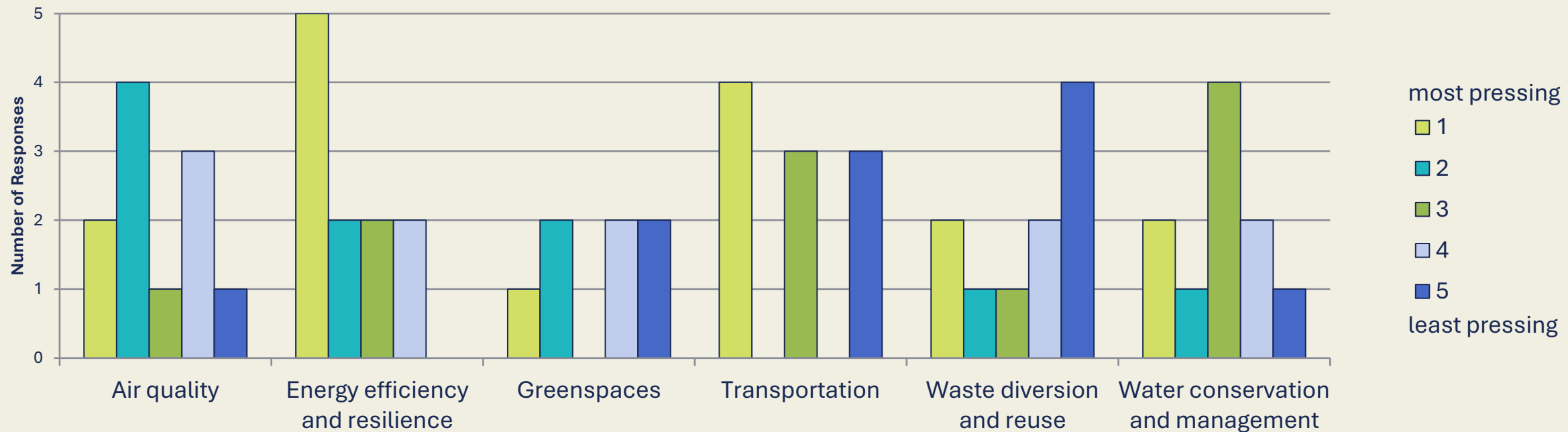
What do you see as the most pressing sustainability needs in North Texas?



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

What do you see as the most pressing sustainability needs for your community or organization?



Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

What types of resources related to sustainability topics would be helpful for NCTCOG to provide?



Topics of interest

- Energy efficiency
 - Energy codes
 - Policy and developments
 - Grid modernization
 - Renewable electricity procurement
- Air quality
- Funding
- Making the “sustainability case”
- Technical trainings
- Resilience planning
- Food waste composting
- Resources targeted at elected officials and city managers

Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

What are the biggest benefits of RISE membership?

- Collaboration with other local governments
 - Knowledge sharing
 - Networking and partnerships
- Shared sustainability resources
- Technical assistance from COG staff

What can the RISE Coalition provide members to further incentivize or build value for voting members?

- Opportunities for collaborative policy development
- Region-specific resources: data, case studies, toolkits
- Advocacy for energy equity and efficiency
- Valuable guest speakers
- Keeping the group moving past struggles at individual city level
- Grant writing assistance

Information Items

Task 6: Conduct Regional Virtual Sustainability Survey

What are the benefits of RISE as a non-voting member?

- Increased knowledge and education
- Opportunity to assist with programs

What are the barriers limiting you from becoming a voting member?

- Time
- Cost
- Size of organization

Information Items

FY2025 Cost Shares

Cost shares have been received from:

- City of Carrollton
- City of Cedar Hill
- City of Dallas
- City of Denton
- City of Farmers Branch
- City of Grand Prairie
- City of Plano
- Tarrant Regional Water District

Current commitments: \$13,925

If you are interested in becoming a cost sharing member, please email Corinne Buckley at cbuckley@nctcog.org to request an invoice.

2024 Population (NCTCOG Estimates)	Cost-Share
1 million+	\$3,750
750,000 - 999,999	\$3,500
500,000 - 749,999	\$3,000
350,000 - 499,999	\$2,500
200,000 - 349,999	\$2,075
100,000 - 199,999	\$1,625
50,000 - 99,999	\$1,075
25,000 - 49,999	\$700
10,000 - 24,999	\$500
Less than 10,000	\$250
Other Local Government Partners	\$1,000

Information Items

FY2026 Cost Shares Update

- Cost share invoices for FY26 will be sent out electronically
- Cost share estimates were emailed to RISE members at the end of March
- Invoices will be emailed out late August/early September, and should go directly to the person approving them
 - **If this is not you, please reach out via email so that we can make sure we have the correct contact information**

If you are interested in becoming a cost sharing member, please email Corinne Buckley at cbuckley@nctcog.org to request an invoice.

Information Items

89th Texas Legislative Session Key Takeaways

Bills passed that align with group interests or goals

- [SB 1202](#) – Streamlines the permitting process for rooftop solar and batteries, making it easier for Texans to install clean backup power
- [SB 783](#) – Allows SECO to update building energy and water conservation standards
- [HB 517](#) – HOAs can no longer fine homeowners following local watering restrictions for brown or discolored lawns
- [SB 7](#) and [HJR 7](#) – Dedicates \$1 billion in annual sales tax revenue towards the Texas Water Fund for the next 20 years*

*Must be approved by voters in November

Information Items

89th Texas Legislative Session Key Takeaways

Bills with impact of concern

- [HB 49](#) – Absolves oil and gas companies of liability for water contamination that results from their discharging of treated oil and gas wastewater into waterways
- [SB 2078](#) – Puts regulations in place for composting in certain counties, which could discourage beneficial composting

Information Items

89th Texas Legislative Session Key Takeaways

Bills that did not pass

- [SB 819](#) – Would have placed stringent restrictions on wind and solar energy projects
- [HB 4313](#) and [HB 4314](#) – Would have affected local efforts to fight climate change
- [HB 3511](#) – Would have allowed EV owners to participate in ERCOT market
- [SB 2689](#) and [HB 4839](#) – Would have established a new fund to promote recycling

Information Items

89th Texas Legislative Session Key Takeaways

Special Session – Agenda Items of Interest

- Natural Disaster Preparation & Recovery
 - Legislation to evaluate and streamline rules and regulations to speed preparedness for and recovery from natural disasters
- Water Project Incentives
 - Legislation, similar to SB1253 from the Regular Session, that authorizes political subdivisions to reduce impact fees for builders who include water conservation and efficiency measures.

[Governor's special session proclamation](#)



NCTCOG PRESENTATION

Engine Off North Texas: Working Together for Cleaner Air

RISE Coalition Meeting

July 30, 2025

Trey Pope, Air Quality Planner

Engine Off North Texas

Goal

Reducing unnecessary engine idling in the 10-county ozone nonattainment region with the focus on heavy-duty diesel vehicles (HDVs)

Why Heavy-Duty?

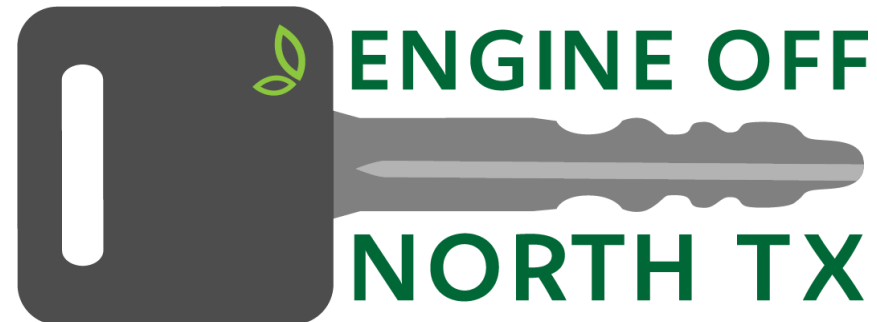
HDVs contribute approximately 67% of NOx emissions from on-road sources—about 35% of total regional NOx emissions

Education

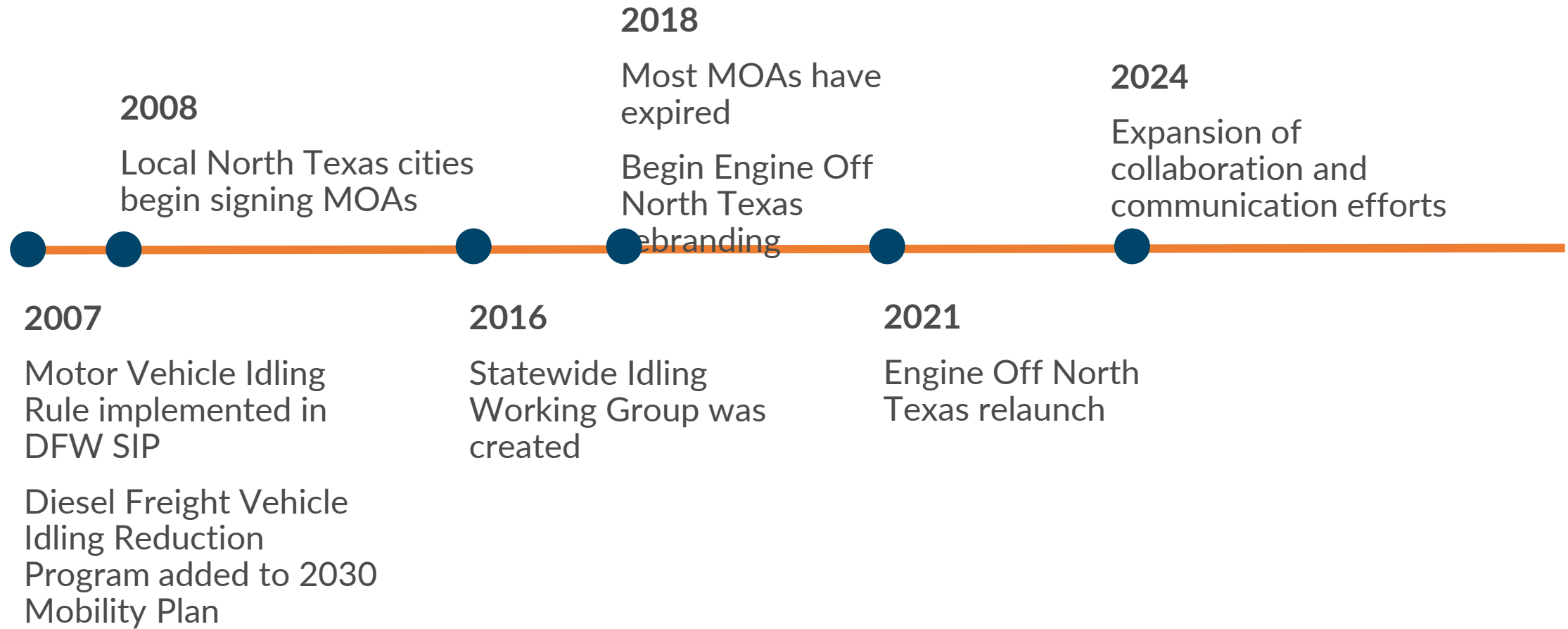
Provide local government guide, brochures, posters, and dedicated webpage

Support

Offering tools and resources to help facilitate idle reduction



History





North Texas Idling Restrictions

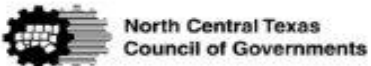
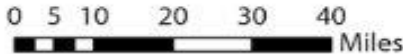
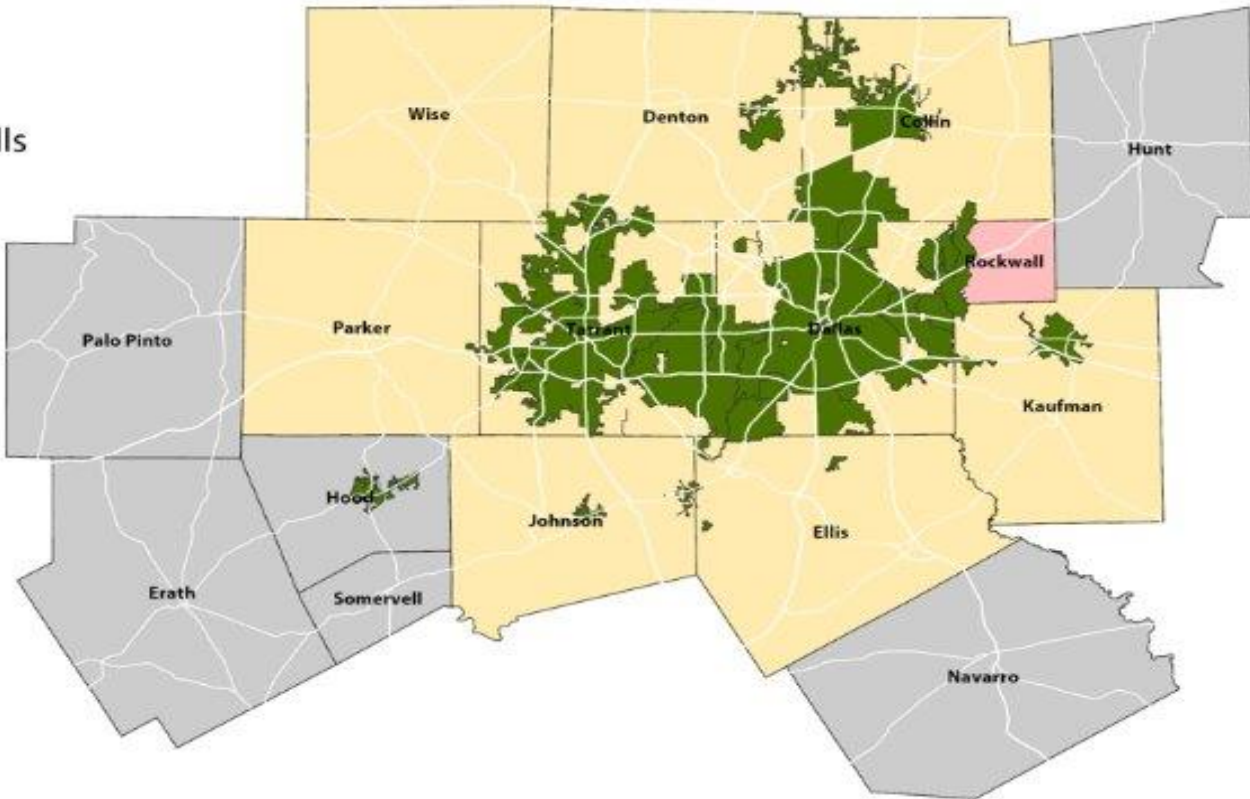
Legend

Cities With Idling Restrictions

Arlington	Little Elm
Benbrook	McKinney
Cedar Hill	Mesquite
Celina	North Richland Hills
Dallas	Pecan Hill
Duncanville	Plano
Euless	Richardson
Fort Worth	Rowlett
Granbury	Sunnyvale
Grand Prairie	Terrell
Hurst	Trophy Club
Keene	University Park
Lake Worth	Venus
Lancaster	Westlake

Counties Designated Nonattainment Under 8-Hour NAAQS

-  2008 Only
-  2008 and 2015



October 2024



RISE Coalition Meeting

Health Impacts of Idling

- Diesel exhaust contains more than 40 toxic air contaminants, including carcinogens (EPA)
- Exposure causes coughing, throat irritation, and worsens asthma and bronchitis (EPA)
- Long-term exposure linked to lung cancer and cardiovascular disease (CARB)
- Diesel pollution causes thousands of premature deaths annually in the US (American Lung Association)



Photo: Getty Images



Economic Impacts of Idling

- 1,800 hours of long-haul truck idling per year costs approximately \$6,000 per truck when diesel is \$4 per gallon (Motive)
- One hour of daily idling (est. 140 days/year) equals the same wear and tear as driving 64,000 miles per year (Omnitracs)
- 100 trucks in a fleet idling two hours daily can waste up to \$165,000 in fuel in a year



Photo: Getty Images



Empowering Local Governments

- ✓ Signing a Memorandum of Agreement (MOA) with TCEQ
 - Enforces state idling limitations (5 consecutive minutes)
 - General Law cities/counties can only enforce this rule by signing an MOA
- ✓ Adopting a Vehicle Idling Restriction Ordinance without MOA
 - Home Rule cities/counties can develop their own ordinances, referencing TCEQ or creating their own
 - NCTCOG can provide sample ordinance language
- ✓ Benefits for Local Governments
 - Contributing to SIP weight of evidence
 - Potentially earn Transportation Development Credits (TDCs) through the Policy Bundle process




Supporting Local Enforcement Efforts

- Local governments are responsible for determining enforcement personnel and procedures
- NCTCOG Resources
 - Idling complaint hotline (1-877-NTX-IDLE) and webform
 - Potential enforcement procedures
 - Identifying vehicles > 14,000 lbs. GVWR
 - Timing idling
 - Exemption checklist
 - Warning/citation violators
 - Documentation
- Enforcement Target Locations
 - Truck stops, loading docks, warehouses, construction sites, etc.
- Key Enforcement Considerations
 - Citation details, fines, who is cited (driver, owner, etc.), prosecution



Tool Kit

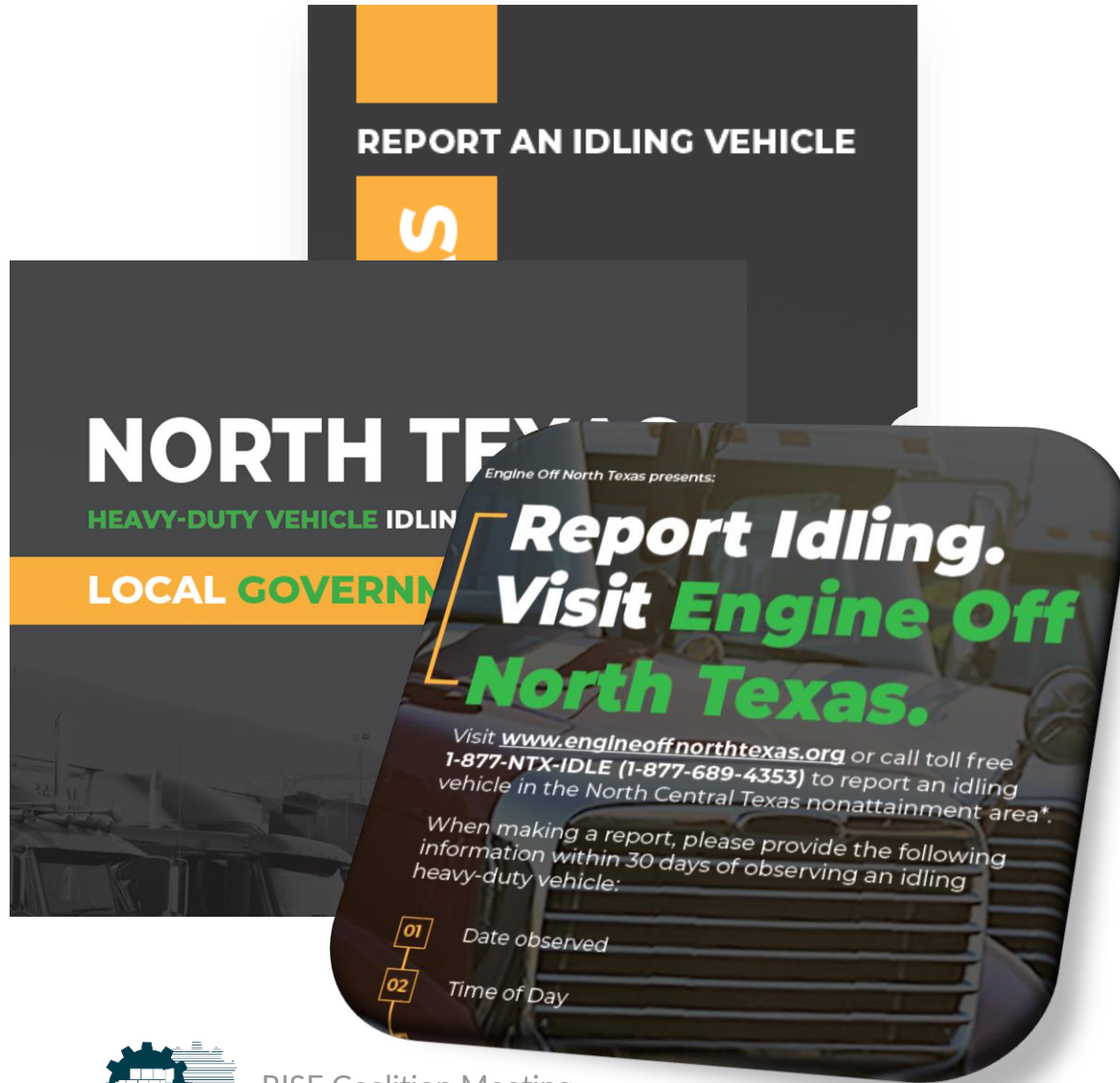
- Resources are available by request free of charge from NCTCOG
- Request regulatory signs, brochures, and posters by completing and submitting [Microsoft Forms Document](#)
- NCTCOG staff will coordinate with contact person to pick up/deliver items that cannot be mailed



The screenshot shows the North Central Texas Council of Governments (NCTCOG) website. The header includes the NCTCOG logo, the text "North Central Texas Council of Governments", and navigation links: "About Us / Contact Us", "Select Language", and "Powered by Google Translate". Below the header is a navigation bar with links: "AGENCY ADMINISTRATION", "AGING SERVICES", "ECONOMIC DEVELOPMENT", "EMERGENCY PREPAREDNESS", "ENVIRONMENT & DEVELOPMENT", "EXECUTIVE DIRECTOR", "NCT 9-1-1", "PUBLIC SAFETY", "REGIONAL DATA", "WORKFORCE SOLUTIONS", and "TRANSPORTATION". A search bar is located below the navigation bar. The main content area features a breadcrumb trail: "Home > Transportation > Quality of Life > Air Quality > For Everyone > Engine Off North Texas > Local Government > Engine Off North Texas Tool Kit". The title "Engine Off North Texas Tool Kit" is prominently displayed. Below the title, a paragraph explains the purpose of the tool kit: "Once an idling ordinance is adopted, the next step is to promote awareness of local idling restrictions and provide information to truck drivers on available technologies and funding opportunities to help reduce excessive idling. Local governments can install signs in areas traditionally known for excessive idling and promote awareness of restrictions throughout the jurisdiction. Information on each of these education materials is provided below." A button labeled "Request Engine Off North Texas Materials" is located at the bottom right of the page.



Tool Kit



Brochure

Information on idling restriction ordinances, negative side effects of idling, and idle reduction strategies

Poster

Information on how to submit an idling complaint

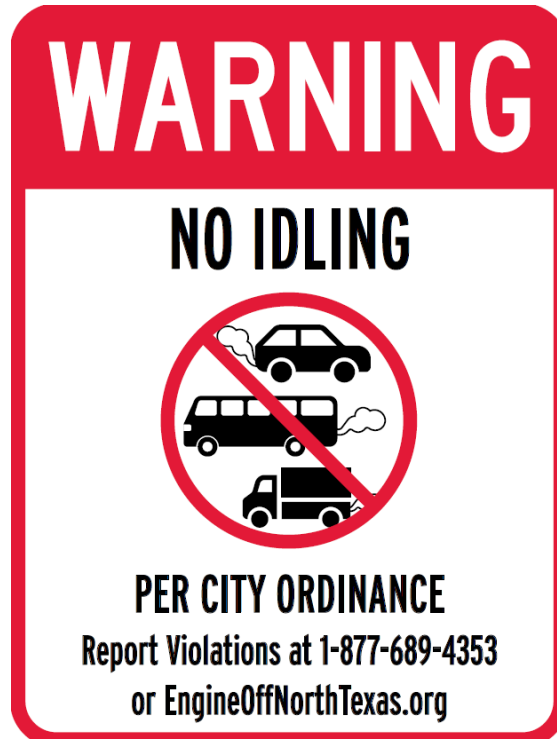
Local Government Guide

Updated information

Offers multiple options for implementing an idle restriction policy and enforcement strategies



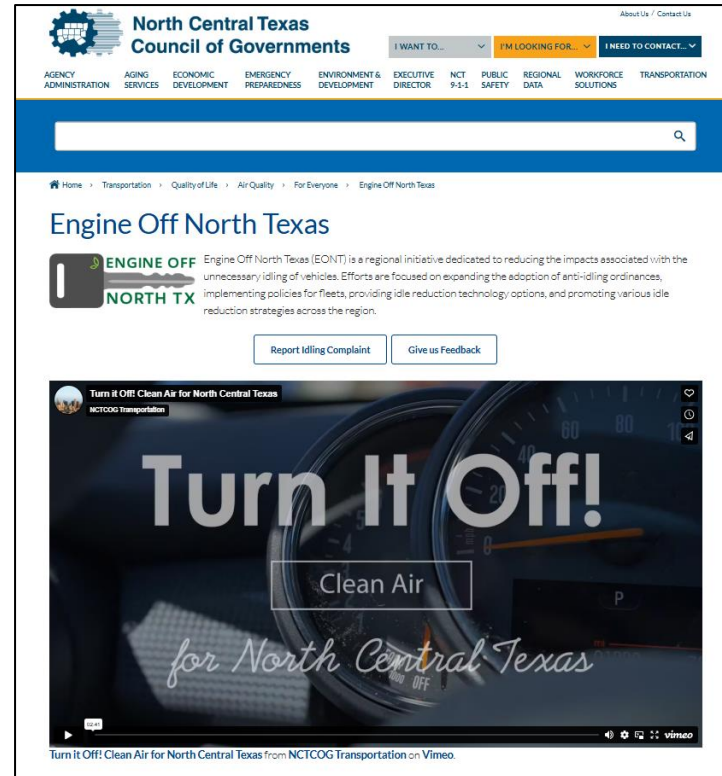
Tool Kit



Regulatory Sign

Focused on deterring drivers from idling in restricted areas

For cities with an adopted idling restriction ordinance



Website

Updated content

User-friendly layout

Technology: Reducing Idling without Sacrificing Comfort

On-Board Options

- Automatic Shutdown Devices
- Auxiliary Power Units (APUs)
- Battery-Powered or Alternative-Power Devices
- Battery-Powered or Alternative-Power Devices
- Fuel-Operated Heaters (Bunk Heaters)
- Thermal Storage Systems (Evaporative Coolers)

For more information, please visit the [EPA's website](#)



Photo: Getty Images



Funding for Diesel Replacements

Funding Source: Environmental Protection Agency (EPA) National Clean Diesel Funding Assistance Program

Call for Projects	North Texas Diesel Emissions Reduction Project 2024 – Round 3 Deadline September 12, 2025
Project Types	Replace On-Road and Non-Road Diesel Engines/Vehicles/Equipment; Install Locomotive Shore Power and Other Idle Reduction Technologies
Available Funding	~ \$465,000
Applicants	Private Fleets and Companies; Public Entities such as Municipalities and Airports
Geographic Area	10-County Nonattainment Area*, Area of Air Toxics Concern**
Clean Fleet Policy	Must Adopt RTC Clean Fleet Policy or Similar
Website	www.nctcog.org/NTDERCFP

* This includes Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise counties.

** This includes Dallas, Denton, and Tarrant counties. Source: [2022-2023 DERA Priority County List](#)



Partnering for Clean Air: Get Involved

For Local Governments

- Consider adopting a local idling ordinance
- Utilize free resources in the EONT Toolkit
- Explore enforcement strategies and resources
- Consider funding opportunities for idle reduction infrastructure and technologies

For Business and Fleet Operators

- Implement fleet idling reduction policies
- Educate drivers about idling impacts and best practices
- Consider investing in idle reduction technologies



Contact Us

www.engineoffnorthtexas.org



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Program Manager

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North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

North Texas Electric Vehicle Infrastructure Call for Projects

Joslyn Billings
Air Quality Planner

RISE Coalition Meeting

July 30, 2025

NCTCOG Charging and Fueling Infrastructure (CFI) Community Award

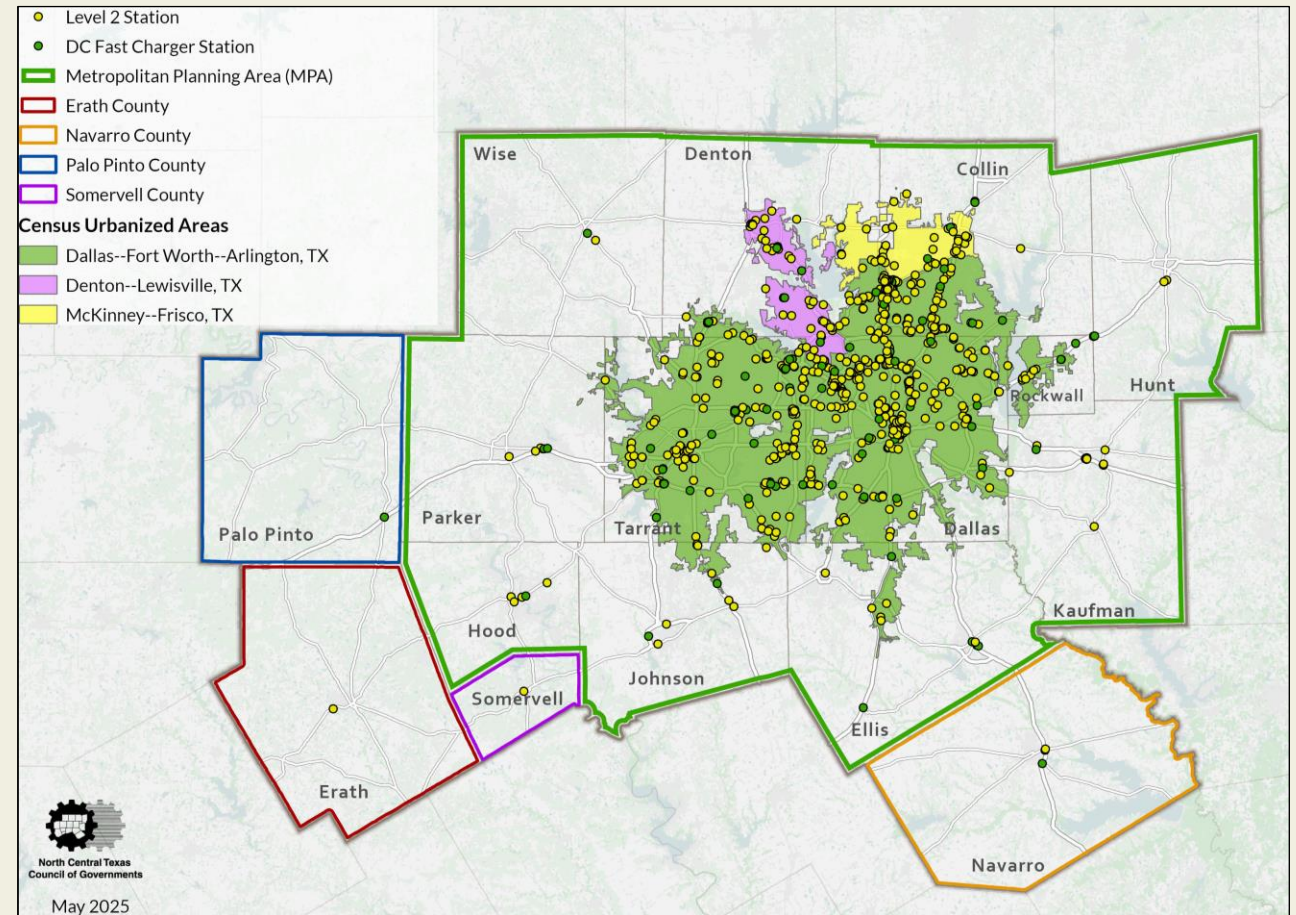
Awarded \$15 million from the Federal Highway Administration (FHWA) to build EV charging stations on **public property** to provide up to 100 new charging ports regionwide

Focus on filling gaps and achieving equal access across the region

Procured a "Deployment Dream Team" to streamline implementation

Set Asides for Navarro, Erath, Palo Pinto, and Somervell counties

Funds for Erath, Palo Pinto, and Somervell pending Federal Highway Administration obligation



North Texas Electric Vehicle Infrastructure Call for Projects – Eligible Projects

Level 2 and/or Direct Current Fast Charging stations on public sector property in the 16-county NCTCOG region

- Must meet National Electric Vehicle Infrastructure (NEVI) Standards under 23 CFR 680
 - Be “always” accessible to the public
 - Meet minimum power ratings
 - Charge at least 4 vehicles simultaneously
 - NCTCOG will procure vendor to ensure compliance
- Must commit to maintain operations for 5 years
- No limit on number of locations that can be submitted



Level 2 Station

Image Courtesy of Dallas Area Rapid Transit



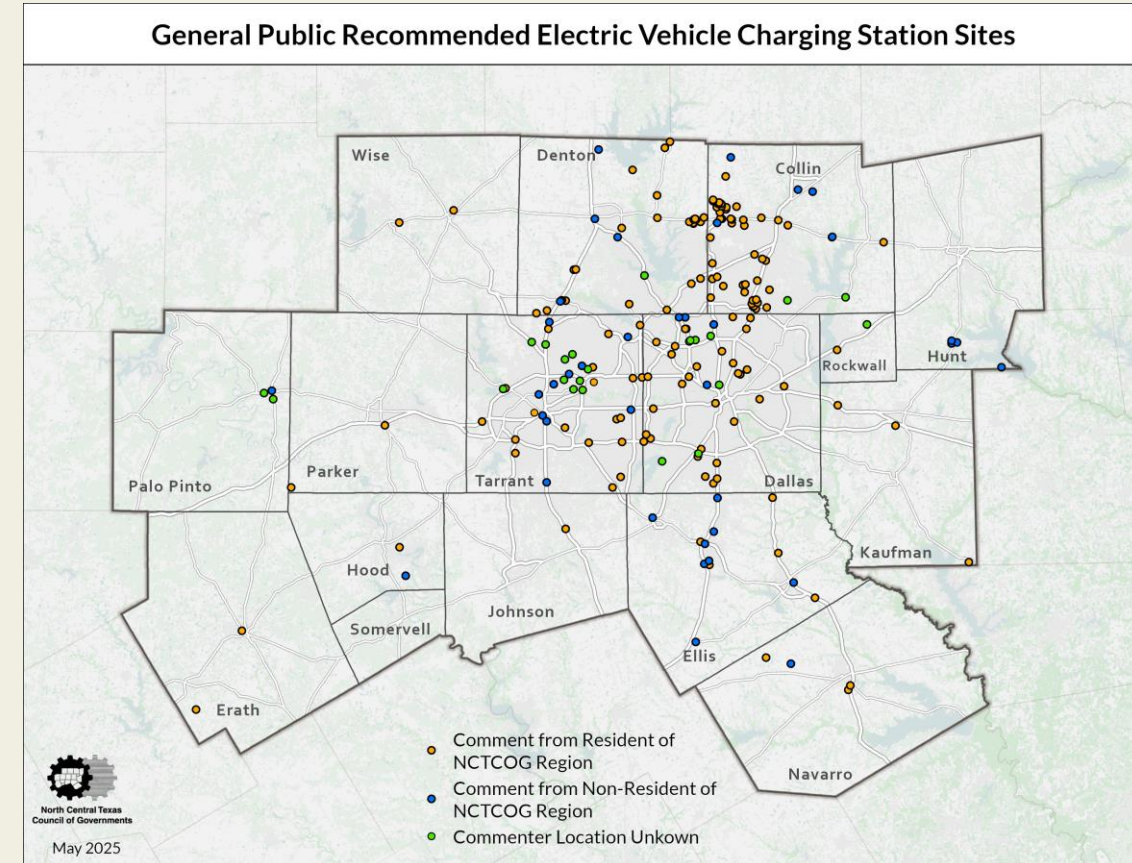
DCFC Station

Image Courtesy of Texas Department of Transportation

North Texas Electric Vehicle Infrastructure Call for Projects – Eligible Applicants

Public agencies, including local governments, transit agencies, school districts, and public universities and colleges

- Examples: Sports complexes, parks, city halls, community centers, libraries, multi-use service centers, transit stations, public schools
- Focus areas: Non-single family, multi-modal hubs and shared-use fleets/services, fleet vehicles that operate in communities, rural areas
- Funding: Federal share up to 80% of the initial deployment capital costs and 20% of O&M; Non-federal share to be contributed by EV charging station vendor(s)



Deployment Dream Team Assistance

Professional services available to support application development at no cost to applicant

Contact EVDreamTeam@kimley-horn.com

CFP Application Support

- Provide one-on-one assistance
- Educate applicants on EV charger site selection and CFP
- Conduct desktop review and fatal flaw analysis
 - Utility regulations and nearby power infrastructure
 - Site layouts and nearby floodplains
- Develop test fits and conduct site visits for potential project locations
- Develop conceptual site plans for final sites considered for CFP application

Support after Selection/Award Support

- Provide one-on-one assistance
- Educate applicants on project approval processes
- Coordinate permitting processes
- Coordinate progress between all involved parties

Call for Projects Workshops and Next Steps

Call for Projects Workshops

- City of Lancaster
 - Tuesday, August 12, 2025
 - 2:00-3:30pm
 - In-person
- NCTCOG Offices in Arlington
 - Thursday, August 21, 2025
 - 1:30-3:00pm
 - Hybrid, recording will be posted online
- 2-3 Additional In-Person Workshops in process; contact us if interested in hosting
- City of Mesquite
 - Thursday, August 14, 2025
 - 10:00 - 11:30am
 - In-person

Program Details at nctcog.org/EVcharginggrant

- Workshop information
- CFP Guidelines and Application
- Public outreach toolkit

The Call for Projects will close on Friday, October 31, 2025

Contact Us



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**North Central Texas
Council of Governments**



**Dallas-Fort Worth
CLEAN CITIES**



dfwcleancities.org



cleancities@nctcog.org

NCTCOG Regional Updates and Opportunities

Regional EV Infrastructure Working Group Codes Roundtable

NCTCOG hosts a working group to share information about electric vehicle infrastructure. At this meeting, the working group will host a roundtable for local governments and subject matter experts to discuss EV-Ready codes.

Date: July 30, 2025, from 1:00 PM – 2:00 PM

- For more information go to www.dfwcleancities.org/events

Meeting to Discuss the TRAPPA-DFW Air Quality Impacts Tool

The TRact-level Air Pollution Policy Assessment for Dallas-Fort Worth (TRAPPA-DFW) tool is a web-based screening tool that allows the user to estimate the benefits to air quality of vehicle activity changes in Dallas-Fort Worth metropolitan area. TRAPPA-DFW is a partnership of the Institute for the Environment (IE) at UNC-Chapel Hill, Environmental Defense Fund (EDF), and the North Central Texas Council of Governments (NCTCOG) and is funded by EDF. TRAPPA-DFW is an updated version of Zip code Air Pollution Policy Assessment, NYC (ZAPPA). To read more about ZAPPA, please see this recent publication by [Shukla et al, ES&T, 2022](#).

Date: TBD

- View the tool at https://treehug-app.its.unc.edu/trappa_dfw/new

NCTCOG Regional Updates and Opportunities

2025 DFW National Drive Electric Month (NDEM)

Nationwide effort to provide education about electric vehicles (EVs) in a no-sales, brand-neutral environment

Denton Arts & Auto

Organized by Denton Main Street Association; This NDEM even is in collaboration with Texas Electric Vehicle Education Project and Charge Across Town

Date: **Saturday, September 13**

<https://dentonmainstreet.org/pages/arts-and-autos>

For questions email cleancities@nctcog.org

Check www.driveelectricdfw.org for updates

Potential 2025 DFW NDEM Events

Cruzin' the Prairie Car and Truck Show

Organized by the Grand Prairie Historical Organization

Date: **Saturday, September 20**

<https://gphotx.org/events/>

NCTCOG Regional Updates and Opportunities

North Texas Zero-Emission Vehicle Project (NTx-ZEV)

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

*Must adopt Clean Fleet Policy **Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise

Additional Funding Opportunities

Program/Incentive	Eligible Activities	Funding Amount	Key Dates
Texas LoanSTAR (Saving Taxes and Resources) Revolving Loan Program	Finances energy-efficient retrofitting of facilities	Up to \$6 million for State Energy Program (SEP) funds Up to \$8 million for American Recovery and Reinvestment Act (ARRA) funds	Deadline August 31, 2025
Texas Volkswagen Environmental Mitigation Program (TxVEMP)	Upgrade or replace vehicles and equipment operating in eligible areas with new, all-electric models	Up to 100% of the incremental cost for government entities Up to 75% for non-governmental entities	August 31, 2025

Research more funding here: www.nctcog.org/aqfunding

NCTCOG Regional Updates and Opportunities

Building Management Systems: Scalable Solutions to Help You Manage What Matters Webinar

- **Date:** August 19, 2025, from 1:00 PM – 2:30 PM
- [Register to attend](#)

Other Regional Updates and Opportunities

SECO Issues RFP for Home Energy Rebates Program

- The State Energy Conservation Office (SECO) has issued a [Request for Proposals](#) to secure services for the Inflation Reduction Act Home Energy Rebates Program Comprehensive Program Management, Administration, and Implementation
- The RFP will be utilized when designing the [Home Energy Performance-Based, Whole House \(HOMES\) rebate program and the Home Electrification and Application Rebate \(HEAR\) program](#) authorized by the Inflation Reduction Act
- RFP deadline was extended to July 30, with services to commence in September

Other Regional Updates and Opportunities

USGBC Health, Equity, & Social Sustainability Webinar

- Third webinar in the Advancing Sustainability in the Built Environment webinar series
- Session will focus on the social dimensions of sustainability and highlight how frameworks such as LEED, WELL, etc. embed human health, equity, and community well-being into project evaluation and certification
- **Date:** August 20, 2025, from 12:00 – 1:00 PM
- [Register to attend](#)

Other Regional Updates and Opportunities

Green Communities Conference

- The Waco Sustainability Network is hosting their annual Green Communities Conference in September, which brings together private and public entities from across Texas to convene on sustainability. This year's theme is “Rooted in Resilience”.
- **Date:** September 17 & 18, 2025
- **Location:** Waco Convention Center
- [Register to attend](#)

Other Regional Updates and Opportunities

Green Business Certification Launched

- A new initiative aimed at driving sustainable business practices during FIFA World Cup 26 Dallas has been launched
- The program is designed to empower local businesses and hospitality to adopt environmentally conscious strategies that align with FIFA sustainability goals and be recognized as sustainability leaders in the community
- Participating Cities:
 - [City of Dallas](#)
 - [City of Fort Worth](#)
 - [City of Plano](#)

Other Business

Participant Roundtable

Members will be called on first, and then others will have the opportunity to share what is happening within their organization.

Future Agenda Items

Future meeting presentation topics?

Next Meeting Date

Next RISE Coalition Meeting:

Wednesday, October 29, 2025, at 9:30 a.m.

In person at NCTCOG Offices

[Add to Calendar](#)

Tentative Upcoming 2026 Meeting Dates:

- January 28, 2026, at 9:30 a.m. – Online
- April 29, 2026, at 9:30 a.m. – In person at NCTCOG Offices
- July 29, 2026, at 9:30 a.m. – Online

NCTCOG RISE Coalition Contacts

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Thank you!

NCTCOG's Free E-Mail Lists and Committee Updates

✉ General: <https://www.nctcog.org/stay-informed?ext=>

✉ Environment and Development:
<https://www.nctcog.org/envir/mail>

RISE Websites

🌐 Information page: <https://www.nctcog.org/envir/development-excellence/rise-coalition>

🌐 Committee page:
<https://www.nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris>

