



North Texas Regional Integration of Sustainability Efforts (RISE) Coalition

February 20, 2024



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>

February 20, 2024

RISE Coalition Agenda

1) Welcome and Introductions

Action Items

2) Meeting Summary

3) Selection of Vice Chair

Discussion

4) FY2024 Work Program and Project Update

5) FY2024 Member Cost Share Commitments

6) Climate Pollution Reduction Grant Update and Discussion

7) Community Sustainability Self-Assessment Tool

Informational Items

8) NCTCOG Regional Opportunities

Other Business

9) Participant Roundtable & Future Agenda Items

10) Next Meeting Date

11) Adjournment

Action Items

- 1) **Meeting Summary:** Approve October 20, 2024, [Meeting Summary](#)
- 2) **Selection of new Vice Chair**

FY2024 Work Program and Project Update

Events, Workshops, Webinars:

- NCTCOG Local Government Energy Reporting Workshop, January 10, 2024
 - [Recording](#)
 - [Presentation](#)
 - Additional Reporting Resources
- South-Central Climate Resilience Forum, April 2-4, 2024
 - Registration Link: <https://www.sccrf.org/registration>
- Texas Water 2024, April 9-12, 2024
 - Information & Registration: <https://www.txwater.org/index.cfm>
- nctcog.org/envir/committees/regional-integration-of-sustainability-efforts-ris
- conservenorthtexas.org/event-archive

FY2024 Work Program and Project Update

Task 3. Capacity Building and Educational Resources

- Website Toolkit – *New Resources Added to [Program Page](#)*
 - US Green Building Council
 - Policy Library
 - LEED for Cities Local Government Leadership Program
 - Urban Sustainability Directors Network
 - South-central Partnership for Energy Efficiency as a Resource
 - Houston Advanced Research Center (HARC)
 - UN-Habitat
 - C40 Cities
 - C40 Knowledge Hub

FY 2024 Work Plan Discussion

FY2024 Work Program

FY2024 Goals:

- Hold quarterly public meetings
- Host 2 webinars on key topics of interest
- Continue workshop series on topics of interest
 - Communicating Sustainability to Leadership

FY2024 Focus Topics

- Open to discussion for workshops and webinars
 - Ex. Water Supply and Conservation, Community Engagement, Environmental Health, etc.

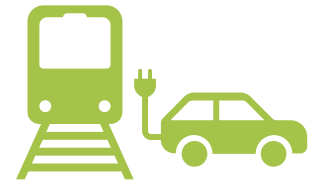
Current Focus Topics



Regional Emissions Assessment



Communicating Sustainability to Leadership



Sustainable Transportation & Air Quality Strategy Analysis



Energy Efficiency Programs & Regional Energy Resilience

FY2024 Member Cost Share Commitments

2024 Cost Shares Received (updated 2.15.24)		
Carrollton	Farmers Branch	Plano
Cedar Hill	Fort Worth	TRWD
Dallas	Lewisville	

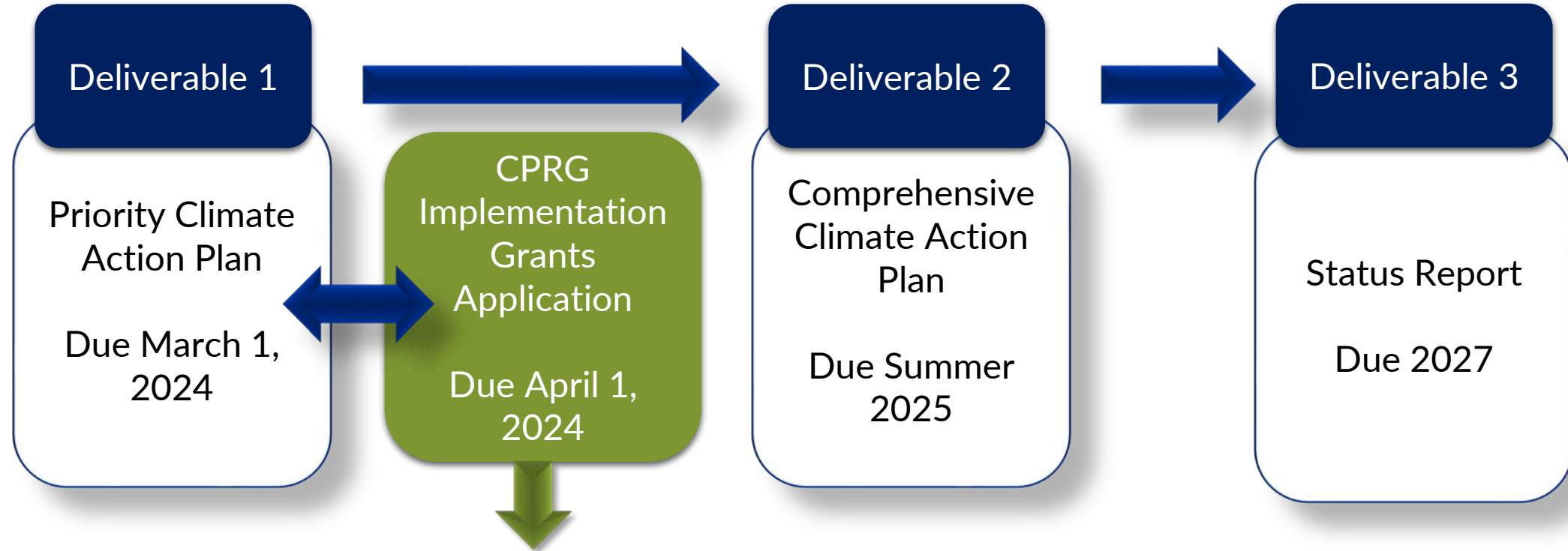
Currently Funded Amount \$14,975

FY2024 Member Cost Share Discussion

- Discuss Results of 2024 RISE Cost Share Participation Survey.

Dallas-Fort Worth Air Quality Improvement Plan

Funded by \$1 Million award from EPA Climate Pollution Reduction Grants Planning Grants Program



Opportunity to Implement Measures in the Plan that:

- ✓ Reduce greenhouse gases (GHGs)
- ✓ Reduce ozone pollution
- ✓ Reduce particulate matter pollution
- ✓ Implement infrastructure projects

Latest Air Quality Developments

Ozone Levels Getting Worse

- Federal Standard: 70 parts per billion
- End of 2022 ozone season: 77 parts per billion
- End of 2023 ozone season: 81 parts per billion (preliminary Results)

New State Implementation Plan Revisions

- Reclassification from Serious to Severe Nonattainment for Ozone
- Potential Economic Impact of Section 185 Fees

New Designations Under Particulate Matter Standards

- More stringent standard finalized February 7: likely leading to nonattainment designations in Dallas and Tarrant Counties

New Federally-Required Greenhouse Gas Performance Measures for the Metropolitan Planning Organization

- Required reporting of carbon dioxide (CO₂) emissions, establishment, and compliance to future emission reduction targets



DFW Air Quality Improvement Plan

First deliverable for EPA CPRG Planning Grants

Required to compete for funding under EPA CPRG Implementation Grants

Plan Element	Priority Climate Action Plan – Due March 1, 2024
Greenhouse Gas (GHG) Inventory	Required ✓
GHG Emissions Projects	Not Required ✗
GHG Reduction Targets	Not Required ✗
Quantified GHG Reduction Measures	Required (priority measures only) ✓
Benefits Analysis	Encouraged ✓
Low Income/Disadvantaged Communities Benefits Analysis	Required ✓
Review of Authority to Implement	Required ✓
Identify other Available Funding	Encouraged ✓
Workforce Planning Analysis	Encouraged ✗
Next Steps/Future Budget Needs	Not Required ✓



Engagement and Outreach

Local Governments

- Workshops & Committee Meetings
- Specific Project Scope Submittals
- Online Survey

Residents and Other Stakeholders

- 7 “Open House” Public Meetings
- 2 Virtual “Listening Sessions” with Nonprofits/Community Groups
- 1 Industry Meeting
- Approximately 300 Responses to Online Survey
- Presentations to Various Organizations

Media

- Community Impact
- NBC

www.publicinput.com/dfwaqip



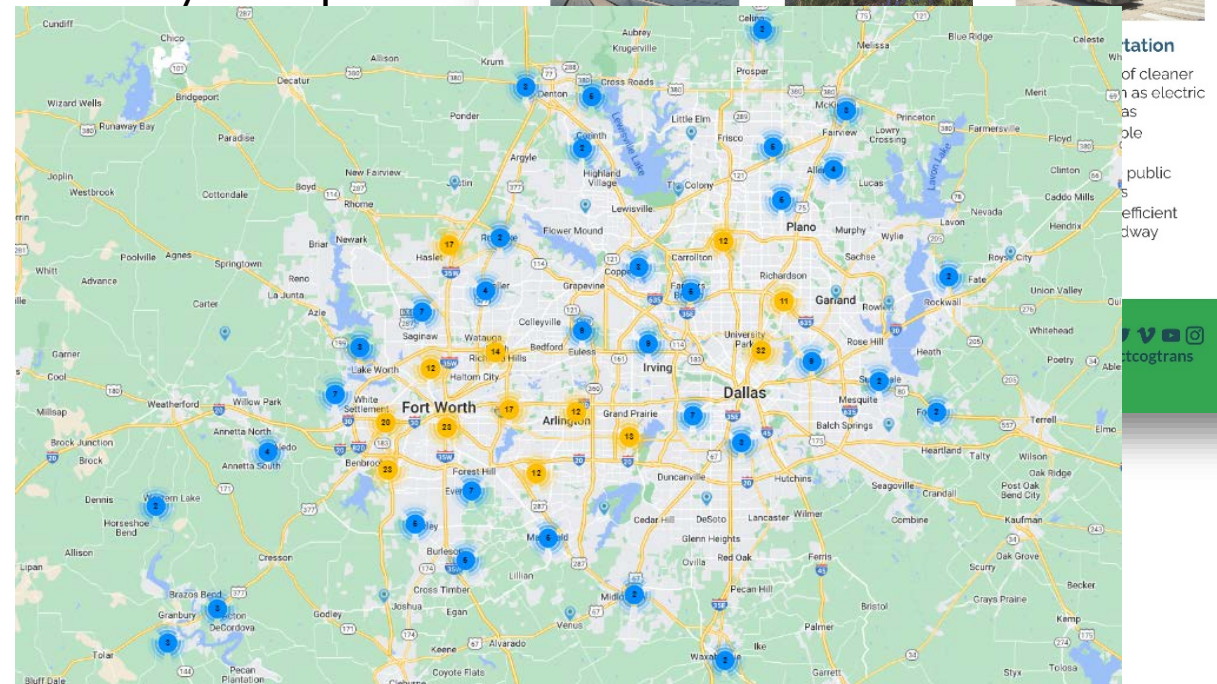
The North Central Texas Council of Governments (NCTCOG) is seeking recommendations on air quality improvement projects for your community!

NCTCOG is collaborating with local stakeholders in the Dallas-Fort Worth region to develop a comprehensive Air Quality Improvement Plan (DFW AQIP). The plan will create a roadmap to improve air quality, protect public health, and reduce the impacts of extreme weather events.

Your input is requested and important! Please go to www.publicinput.com/dfwaqip to make recommendations, attend an open house, and more.



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Selecting Measures

Review NCTCOG Screening Criteria for Plan:



Review EPA Scoring Criteria for Grant:

- Is there interest in the region? (local government project submittals and public input)
- Is someone willing to implement (local governments, NCTCOG, third party entity)?
- Can it be done in the next five years?
- Does it provide broad, quantifiable greenhouse gas and criteria pollutant reductions?

- Reduces GHG and criteria pollutants
- Benefits disadvantaged communities
- Can be implemented in 2025-2030
- Funds a strategy for which other funding is unavailable or insufficient
- Is cost-effective
- Advances decarbonization
- Is innovative



Proposed Measures – Water/Wastewater

Proposed for Plan and Anticipating Grant Request

Implement iSWM™, Low Impact Development, GSI, and other forms of Nature-Based Solutions  

Update Stormwater, Wastewater Conveyance Infrastructure  

Improve Treatment Processes  

Address On-site Sanitary Sewage Systems 

Workforce Development 

Water Conservation 

Proposed for Plan Only, No Grant Request


Improve Effluent Reuse

Improve Biosolids Management

Increase Water System Energy Efficiency


Increase Water Conservation

Explore Aquifer Storage & Recovery

 *Direct Climate Change Benefits*

 *Direct Benefits for Nonattainment Issues*

 *Few Other Funding Options*

 *Strong Public/Stakeholder Input*




Proposed Measures – Waste Management

Proposed for Plan and Anticipating Grant Request

- Expand Local Compost Capabilities    
- Expand Regional Construction & Demolition Debris Capacity   
- Divert Organic Waste to Energy    
- Upgrade Recycling & Transfer Facilities  
- Improve Waste Collection   


Proposed for Plan Only, No Grant Request

- Regional Landfill Capacity Planning
- Update Policy Around Diverting Construction & Demolition Debris

 *Direct Climate Change Benefits*

 *Direct Benefits for Nonattainment Issues*




 *Few Other Funding Options*

 *Strong Public/Stakeholder Input*



Proposed Measures – Agriculture/ Forestry/Land Use

Proposed for Plan and Anticipating Grant Request

Expand Green Space (Riparian, Public Right-of-Way,
Historic Cemeteries, Utility Easements, and
Parks/Reserves/etc.)   

Urban Heat Island Mitigation 


Implement Anaerobic Digester(s) to Improve Manure
Management   

Rebate Program to Support Electric Landscape
Equipment Transition    

Proposed for Plan Only, No Grant Request


Green Space & Forestry Planning
Code & Zoning Updates

Neighborhood Agriculture Practices

 *Direct Climate Change Benefits*

 *Direct Benefits for Nonattainment Issues*

 *Few Other Funding Options*

 *Strong Public/Stakeholder Input*



Proposed Measures - Energy

Proposed for Plan and Anticipating Grant Request

Public Sector Energy Efficiency & Refrigerant Transition Program   \$

Distributed Energy and Resilience for Public Entities  

Residential Efficiency Rebate Program  \$


Proposed for Plan Only, No Grant Request

Energy Plans/Audits/Policies

Energy Management & Benchmarking


Generator Replacements/Upgrades

Roof Replacements

 *Direct Climate Change Benefits*

 *Direct Benefits for Nonattainment Issues*

\$ *Few Other Funding Options*

 *Strong Public/Stakeholder Input*



Proposed Measures - Transportation

Proposed for Plan and Anticipating Grant Request




Transit Enhancement Program 

Active Transportation Program 

Green Purchasing/Green Construction Program   

Urban Heat Island and Green Spaces Program   

Enhanced Regional Traffic Signal Timing Program   

Transportation System & Truck/Rail Flow Optimization Program    

LED Streetlighting Program  

*Clean Vehicle & Equipment Program    

**Will be carefully scoped to not duplicate the TCEQ Transportation programs*

Proposed for Plan Only, No Grant Request

Transit Planning

Vehicle Miles Traveled Reduction

Green Airport Planning Program


Low-Carbon Liquid Fuels Program

Regional Emissions Compliance Program

Tire Recycling


Carbon Footprint App/Game

Regional Air Quality Monitoring Program

 *Direct Climate Change Benefits*

 *Direct Benefits for Nonattainment Issues*

 *Few Other Funding Options*

 *Strong Public/Stakeholder Input*



The State's Plan – Potential Measures

Focusing on 3 Sectors that Contribute 87% of State Greenhouse Gas Emissions:

Industry

Electrify and Decarbonize Industrial Processes & Equipment

Promote Energy Efficiency

Promote Processes to Improve Carbon Capture

Transition to Ultra-Low Global Warming Potential Refrigeration Equipment

Oil & Gas Sector Strategies to Reduce Fugitive Emissions, Reduce Flaring/Capture Methane, Remediate/Plug Wells

Electric Power

Upgrade Transmission Lines

Promote Nuclear Energy

Add Grid-Scale Renewable Energy Storage

Improve Load Management, Load Shifting, and Energy Efficiency to Lower Demand

Add Infrastructure to Capture, Use, and Store Carbon from Power Plants and Industrial Processes

Use Oil & Gas Infrastructure for Geothermal Energy

Transportation

Port Decarbonization with Shore Power and Zero-Emissions Vehicles and Equipment

Electric Vehicle (EV) Charging and Hydrogen Fueling Infrastructure

Zero-Emission Medium- and Heavy-Duty Trucks, School Buses, Government Fleet Vehicles, Light-Duty Vehicles

Medium- and Heavy-Duty Third-Party Scrappage Program

Low Emission Passenger or Freight Locomotives

Low Emission Jet Fuels

Variable Speed Devices at Airports



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New Federally-Required Greenhouse Gas Performance Measures for the Metropolitan Planning Organization

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Action Requested of RISE

Approve Inclusion of Proposed Measures in the Dallas-Fort Worth Air Quality Improvement Plan

Approve List of Measures Short-Listed for Grant Request

Recommend NCTCOG Pursue Regional Grant Proposal in Tier A or B Funding, Adjusted as Needed to Maximize:

- **Reductions in GHG Emissions**
- **Reductions in Criteria Pollutant Emissions**
- **Competitiveness of NCTCOG Proposal**



Dallas-Fort Worth Air Quality Improvement Plan

Letter of support template ([Word doc](#)) – Individual entity/city/county

Submit letters of support electronically to Savana Nance, snance@nctcog.org, or mail to Savana Nance, Senior Air Quality Planner, North Central Texas Council of Governments, 616 Six Flags Drive, Arlington, Texas 76011

Community Sustainability Self-Assessment Tool

Novella Landau, City of Carrollton

NCTCOG Regional Updates and Opportunities

UPCOMING MEETINGS AND EVENTS

Building Operational Maintenance Protocols & Policies Webinar

Date: March TBD, 2024

Time: TBD

Where: Microsoft Teams

Registration coming soon!

Influencing Leadership on Sustainability Workshop

Date: May 1, 2024

Time: 1:00 – 3:00 Workshop

Where: Metroplex Conference Room,
NCTCOG Offices

Registration coming soon!

Introduction to SolSmart Webinar

Overview of the SolSmart program and North Texas SolSmart cohort beginning in March

Date: Thursday, February 29, 2024

Time: 10:00 - 11:00 AM

Where: Virtual, via Zoom

[Register here](#)

View listing and link to recording of past events related to electric vehicles and other alternative fuels at:

www.dfwcleancities.org/events

View listing of upcoming Environment & Development events at: www.nctcog.org/envir/events

NCTCOG Regional Updates and Opportunities

REMINDERS

Local Government Energy Reporting - Due March 4, 2024

[Workshop Recording and Additional Resources](#)

For Technical Assistance: cities@eepartnership.org

2023 DFWCC Annual Fleet Survey - Due March 11

Instructions and a link to the survey form:

www.DFWCleanCities.org/annualreport

Collects Data on Fleets' Methods, Strategies, and Goals to:

- Increase Fleet Efficiency

- Reduce Fleet Energy Impact

- Reduce Fleet Emissions

- Adopt Advanced Clean Vehicle Technologies and Alternative Fuels

Fulfills Annual Reporting Requirement Identified in RTC [Clean Fleet Policy](#) and Makes Agency Eligible for [Fleet Recognition](#)

Recent Grant Awards

Infrastructure Development

Charging & Fueling Infrastructure – Community Program*

- Build EV charging stations to provide up to 100 charging ports regionwide

Charging & Fueling Infrastructure – Corridor Program*

- Construct 5 publicly accessible medium/heavy-duty hydrogen refueling stations

Infrastructure Planning

Planning Resilient EV Charging in Texas**

- Develop a resilient EV charging plan for DFW area focused on power failure

Resilient EV Charging Infrastructure Planning White Paper

- State Energy Conservation Office Contract Deliverable

Houston to Los Angeles (H2LA) – Interstate 10 Hydrogen Corridor Project**

- Assist in infrastructure planning for hydrogen truck fueling around the Texas Triangle and I-10

Infrastructure Reliability

EV Charger Reliability and Accessibility Accelerator Program**

- Repair or replace existing non-operational charging stations

*Projects awarded by the Federal Highway Administration

**Projects awarded by Department of Energy

Recent Grant Awards

Infrastructure Training

Guaranteeing Access to Underserved and Marginalized Populations by Building Employment Opportunities (GUMBO)*

- Assist in promoting/replicating curricula for EV charging station technician training in DFW

Electric Vehicle Readiness

Charging Smart*

- Program provides technical assistance to local governments in setting and achieving EV readiness goals
- Recognizes cities and counties for these efforts

Innovative Solutions

Multimodal/Drone Delivery Demonstration to Disadvantaged Communities and Mobility Challenged Populations*

- Assist in the development and deployment of a multimodal project
- Lead evaluation of electrification opportunities for the Tarrant Area Food Bank fleet

Department of Energy EMPOWER Workplace Charging Project



EMPOWER
WORKPLACE CHARGING

An outreach and education project that provides support and resources to employers and employees interested in workplace charging

- Local employers interested in providing EV charging can join as EMPOWER workplaces, NCTCOG will assist EMPOWER workplaces with identifying funding and completing installation of EV charging projects
- Contact NCTCOG at cleancities@nctcog.org if currently offering workplace charging or interested in workplace charging resources to get started
- Visit workplacecharging.com for more information on EMPOWER or to sign the EV Friendly Workplace pledge.

Funding for Vehicles

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
Commercial Electric Vehicle (EV) and Fuel Cell Electric Vehicle (FCEV) Tax Credit	New EV, Plug-In Hybrid Vehicle (PHEV), or FCEV	15% of the purchase price for PHEVs, 30% of the purchase price for EVs and FCEVs, Maximum tax credit of \$7,500 for vehicles under 14,000 lbs. GVWR and \$40,000 for vehicles over 14,000 lbs. GVWR	No Deadline
TERP Light-Duty Motor Vehicle Purchase or Lease Incentive Program	New purchase or lease of a light-duty EV, PHEV, FCEV, propane, or compressed natural gas	Up to \$2,500 for EV, PHEV, FCEV Up to \$5,000 for LPG, CNG	Closed for EVs; Still open for LPG, CNG First-come, first-served until March 22, 2024
TxVEMP All-Electric Grant Program	Replacement or repower of eligible heavy-duty diesel vehicles or equipment and infrastructure	Up to 100% of the incremental cost of the project for government entities	First-come, first-served until August 31, 2025

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

Funding for Infrastructure

Program/Incentive	Eligible Activities	Funding Amount	Deadline to Apply
Alternative Fuel Infrastructure Tax Credit	Installation of qualified fueling equipment, such as EV charging infrastructure in eligible locations	Up to 30% tax credit	December 31, 2032
TERP Alternative Fueling Facilities Program	Funds new construction or the expansion of existing alternative or natural gas fueling facilities	Up to \$400,000 for a compressed natural gas CNG or LNG project Up to \$600,000 for a combined CNG and LNG project Up to 50% or maximum of \$600,000, whichever is less, for fuels other than natural gas	March 22, 2024
Rural Business Development Grants	EV charging stations can be funded through this grant if local small businesses can provide Letters of Support that state the charging stations will support job growth/retention	There is no maximum grant amount; however, smaller requests are given higher priority. There is no cost sharing requirement. Opportunity grants are limited to up to 10 percent of the total Rural Business Development Grant annual funding.	Closed; Expected to open Spring 2024
Charging and Fueling Infrastructure Discretionary Grant Program	Funds publicly accessible EV charging infrastructure and other alternative fueling infrastructure projects	Up to 80% of project costs	Closed; Expected to open 2024

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

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

Next Meeting Dates

Next RISE Coalition Meeting:

Wednesday, May 1, 2024

10:00 a.m.

NCTCOG Offices

NCTCOG's Free E-Mail Lists and Committee Updates

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

<https://www.nctcog.org/envir/mail>

RISE Website:

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

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

NCTCOG RISE Coalition Contacts

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Thank you!