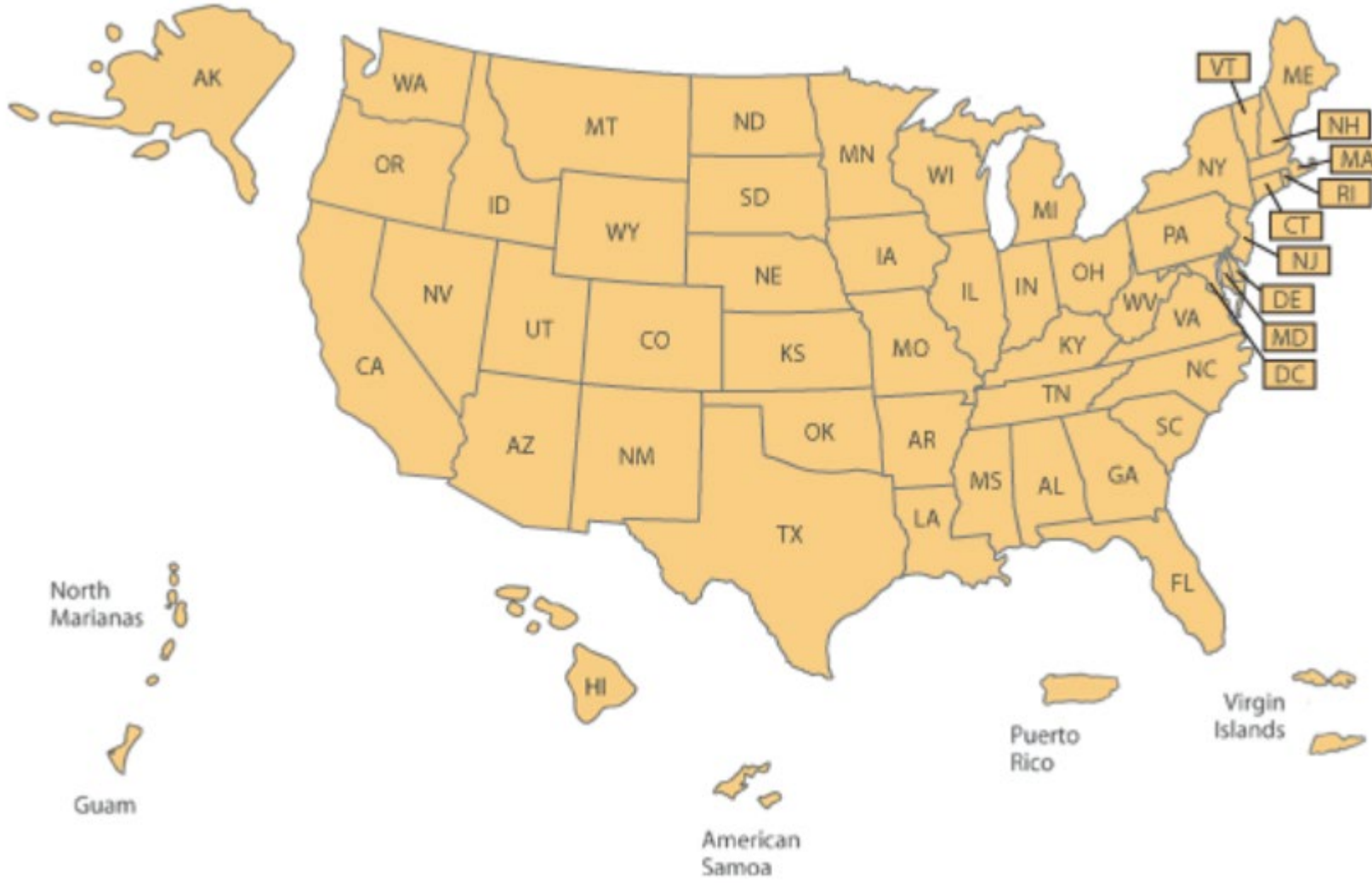


AACOG



SECO

State Energy
Conservation Office



State Energy Office (SEO) Locations

- 50 states
- District of Columbia
- Five U.S. Territories



Texas State Energy Conservation Office

Comptroller of
Public Accounts

Tool that CPA uses
to assist state
agencies and other
public entities

Designed by Freepik



SECO Purpose

Promote the
efficient use of
energy

Reduce energy
demand

Designed by Freepik



Target Audiences

Public K-12 school districts

Public higher education

Local and county governments

State agencies

Public hospitals

Quasi governmental entities

Programs

Energy Education and Training

Technical Assistance

Emerging Clean Energy Technology

LoanSTAR Revolving Loan Program

Energy Education and Training



Watt Watchers of Texas

City Efficiency Leadership Council

Texas Industrial Energy Efficiency Program

HVAC Practitioner Energy Code Training

Energy Code Training

Technical Assistance

Preliminary Energy
Assessments

Technical
Assistance

Technical Assistance Requests

Common Requests:

- ENERGY STAR certification
- Improve Maintenance and Operations
- Lighting Upgrades (Indoor / Outdoor)
- Smart Meters
- Upgrade HVAC / Chiller / Boiler
- Update Building Control

Emerging Clean Energy Technology Clean Energy Incubators

*The University
of Texas at
Austin*

*Texas A&M
University*

LoanSTAR Overview

Maximum loan size per application

\$8 million

(\$3 million min for repaid ARRA)

Maximum number of loans per application period

Three per applicant

Interest Rates

General fund - annual rate of 2 percent

Repaid ARRA fund - annual rate of 1 percent.

Application Review

First-come, first-served basis.

Application Submission

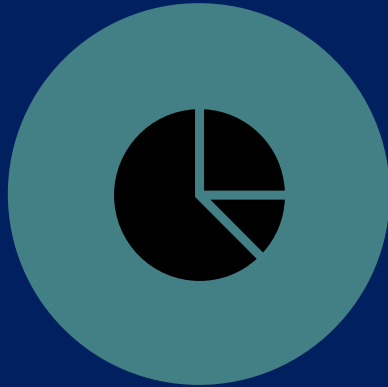
Deadline August 31, 2023

Statutory Activities

Energy Code Adoption

Energy Reporting

Formula Funding



STATE ENERGY PROGRAM



INFRASTRUCTURE
INVESTMENT AND JOBS ACT



INFLATION REDUCTION ACT

SEP (Annual) - Opportunities

Preliminary Energy Assessments

Technical Assistance

Municipally Owned Community Center and Recreation Center Lighting Retrofits

Watt Watchers

Regional Council of Governments

City Efficiency Leadership Council

Industrial Energy Efficiency

PACE Financing for Smaller Projects

Classrooms to Careers Solar training

HVAC training

2021 IECC Code training

Clean Energy Incubation

SEP (IIJA) – Upcoming Opportunities

County Owned Hospital LED lighting retrofits

Public ISD lighting retrofits

Public ISD Solar and Battery retrofits

Community College Energy Sector Training Center Equipment

SEP (IIJA-RLF) – In review

Community Centers throughout Texas that provide services and support for people with intellectual and developmental disabilities, serious mental illness, and substance use disorders. Includes primary facilities and group homes.

Professional Services Firms to provide ASHRAE Level II commercial and audits at the Community Centers

SEP (IIJA-EECBG) – In review

Local Government public meeting areas such as activity centers, recreational facilities, pavilions, and parks. Allowable improvements include: Installation of insulation, installation of energy efficient lighting, weather sealing, and/or retrofit and replacement of windows and doors.

Reporting

Match

Disadvantaged
Communities

Build America
Buy America

Davis Bacon

Historic
Preservation

NEPA (National
Environmental
Policy Act)



Inflation Reduction Act – ALRD Issued two weeks ago

50121. Home Efficiency Rebates

50122. Home Electrification and Appliance Rebates

50123. Contractor training



SECO

State Energy
Conservation Office

Eddy Trevino

Director

State Energy Conservation
Office

eddy.trevino@cpa.texas.gov

www.seco.cpa.texas.gov



Alamo Area Council
of Governments



EPA Energy Efficiency Incentives under the IRA

Presented by

Lyle Hufstetler | Natural Resources Project Administrator | AACOG

for

Texas COGs | August 15, 2023



EPA Energy Efficiency Incentives under the IRA

Climate Pollution Reduction Grants

Greenhouse Gas Reduction Fund

Climate Pollution Reduction Grants

Planning Grants

\$250 million – Summer 2023

Develop strong greenhouse gas emissions reduction strategies through non-competitive cooperative agreements

Deliverables:

- Priority Climate Action Plan* due March 1, 2024
- Comprehensive Climate Action Plan due Summer 2025
- Status Report due at close of grant

\$3 million for each state

\$1 million for most-populous MSAs

- Houston
- DFW
- San Antonio
- Austin
- El Paso
- McAllen

TCEQ oversees statewide CPRG

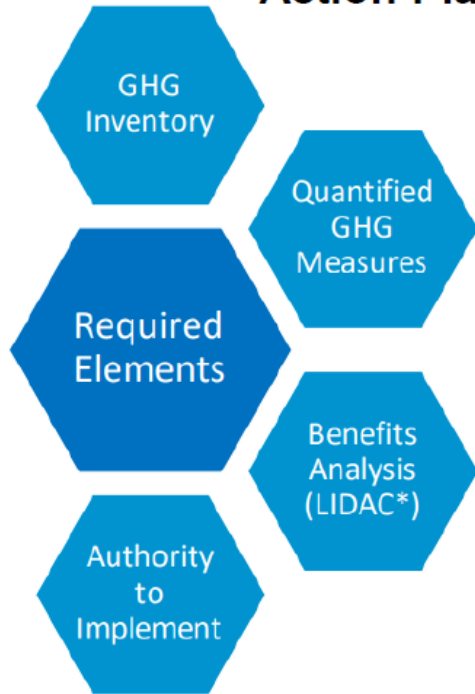
Implementation Grants

\$4.6 billion – September 2023

Competitive grants to help put plans into action*; Additional guidance forthcoming

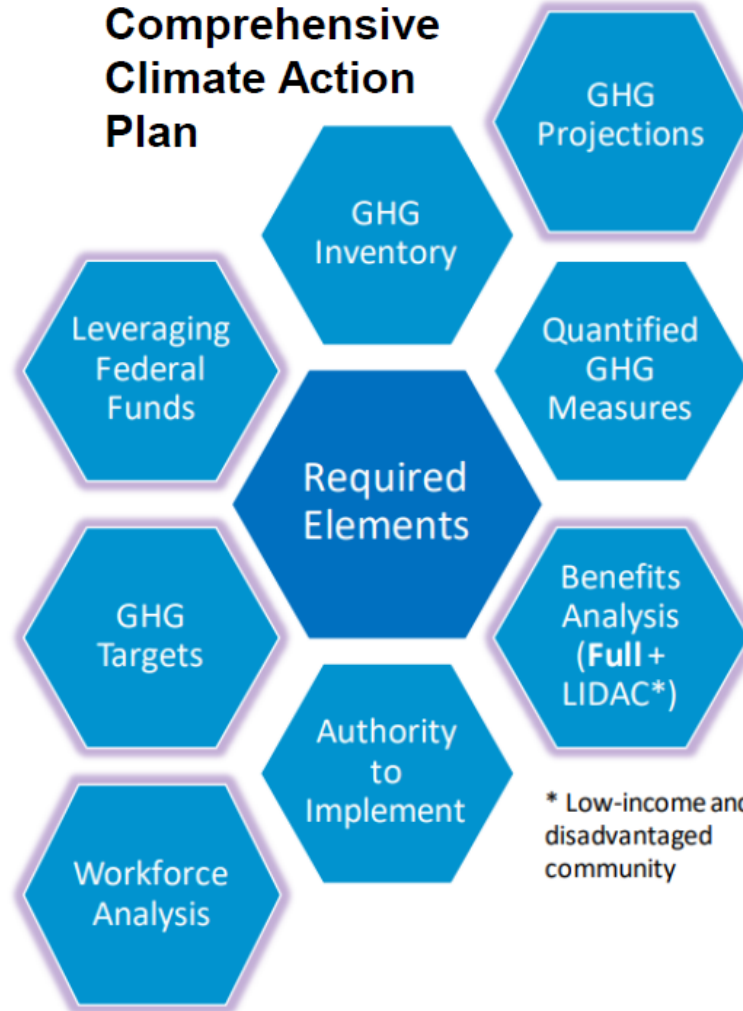
Climate Pollution Reduction Grants

Priority Climate Action Plan



- Due March 1, 2024
- Identifies near-term action items to prepare for implementation grants
- Can focus on specific sector(s) or sources
- Limited set of requirements that set foundations for informed decisions
- May build on previous climate planning efforts

Comprehensive Climate Action Plan



- Due 2 years from the date of award for states and metro areas (summer 2025) and at close of grant for tribes and territories
- Covers GHG reduction measures across **all significant sources/sinks and sectors**
- Establishes near-term **and long-term** GHG emission reduction targets
- Adds additional required analyses to support robust implementation

* Low-income and disadvantaged community

Greenhouse Gas Reduction Fund

Last month, \$20 billion in funding was announced – what does it do?

- Mobilize private capital into clean technology projects
- Lower energy costs for American families
- Create good-paying jobs and protect people's health
- Benefits everyone, including underserved communities

Get more GGRF
info here

National Clean Investment Fund – \$14 billion

- Establish financial institutions to deploy qualified projects with accessible, affordable financing
- Grants to 2-3 national nonprofit clean financing institutions to partner with private sector

Clean Communities Investment Accelerator – \$6 billion

- Establish programs that support industry networks of community lenders; capacity building
- Grants to 2–7 nonprofits to deliver funding and technical assistance in underserved communities



I'm Interested – What Now?

Climate Pollution Reduction Grant (CPRG):

- Local governments *in one of the 6 MSAs* – find your [Lead Organization](#) and reach out to be included in future communications
- Local governments *statewide* – TCEQ is the lead, but no guidance is available yet; for questions, reach out to Kasey Savanich, Senior Project Manager, Office of Air kasey.savanich@tceq.texas.gov
- Find more information on the [CPRG webpage](#)

Greenhouse Gas Reduction Fund:

- If eligible, apply for one or both NOFOs (see previous slide for links)
- [Solar for All](#) – residential rooftop and community solar investments in underserved communities
- Find more information on the [GGRF webpage](#) or email ggrf@epa.gov

**As always, your COG is here to help, and COGs have each others' backs!
Feel free to reach out to me, or my colleagues at NCTCOG and WCTCOG.**



Thank You – Questions?

Lyle Hufstetler

Phone: 210-376-9901

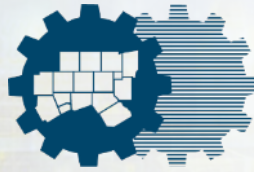
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Dallas-Fort Worth
CLEAN CITIES

Department of Transportation Funding Programs

Lori Clark
Senior Program Manager, NCTCOG
Transportation
Dallas-Fort Worth Clean Cities Director

Building Retrofit/Energy Efficiency Workshop
8.25.2023

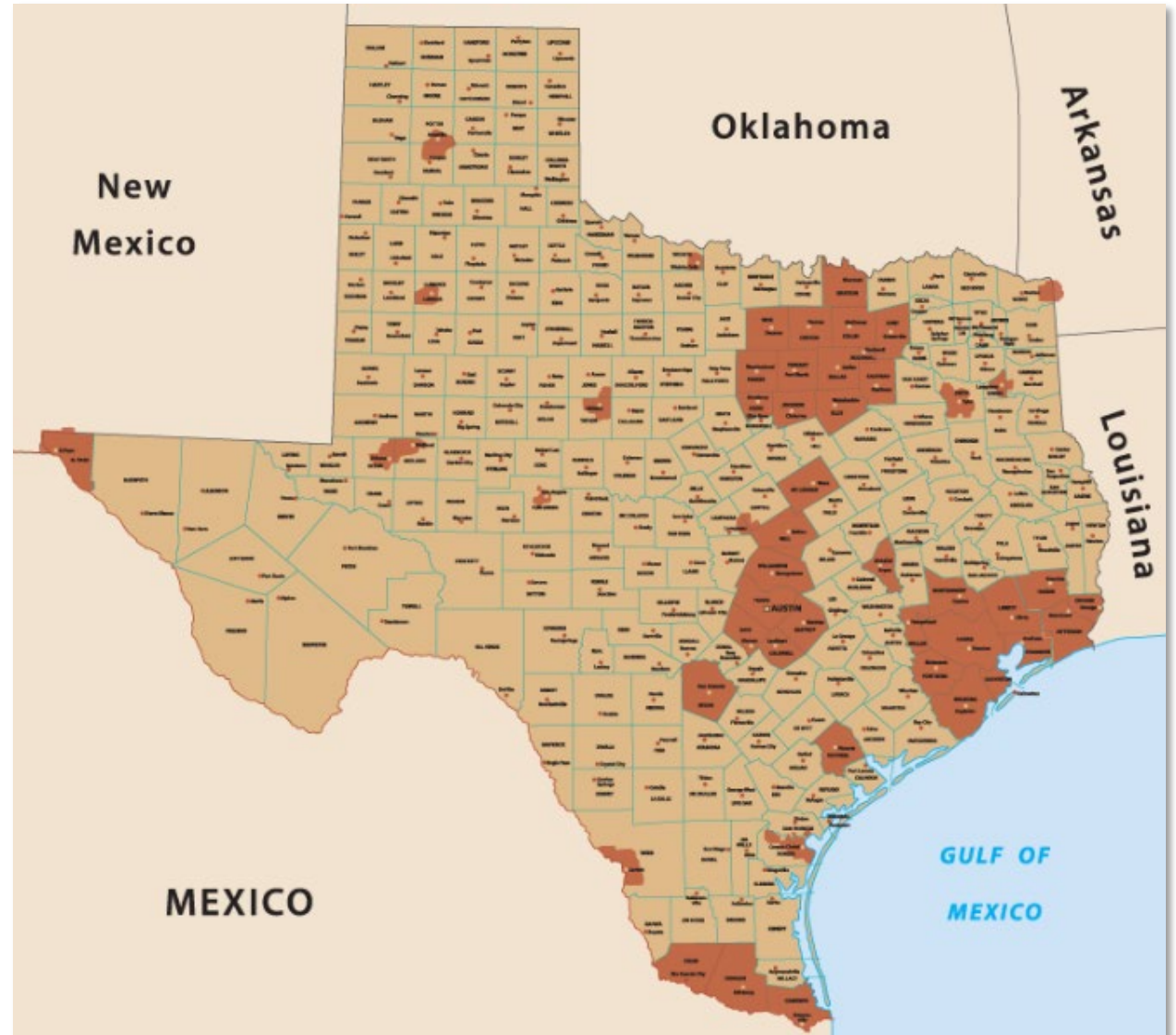
Texas Metropolitan Planning Organizations

23 MPOs in Texas

Designated for urban area populations of 50,000 or more

Receive federal funding for transportation planning

www.texasmpos.org



Carbon Reduction Program

Fund projects that reduce carbon dioxide emissions from on-road transportation sources

Formula program allocated to State departments of transportation

Requires State DOT to develop Carbon Reduction Strategies in consultation with MPO(s)

TxDOT Submittal to FHWA October 2023

MPO(s) have project selection authority for regional allocations

Texas will receive ~\$641M for FY 22-26 in Federal Apportionment

65%

\$416.65M urban areas based on population

\$224.35M for any location statewide

35%

There is a 20% STATE MATCH



Carbon Reduction Program



Reduce environmental and community impacts of freight movement, (e.g., truck parking, including ITS)



Support congestion pricing and traffic and congestion management technologies



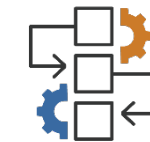
Shift transportation demand



Enhance Vehicle to Infrastructure connecting technology



Reduce demand for roads (e.g., non-SOV strategies)



Development of a Carbon Reduction Strategy



Alternative fuel vehicle deployment (e.g., EVs)



Reduce emissions at Port facilities (e.g., supporting docked ships)



Transportation alternative (e.g., bicycle and pedestrian facilities)



Diesel engine retrofit projects



CMAQ type except for added capacity



Public transportation



Carbon Reduction Program

Example Projects:

- Traffic flow improvements
- Electric vehicle charging infrastructure
- Congestion pricing
- Energy efficient traffic light replacements
- Solar installations along highway rights-of-ways
- Sustainable pavements and construction materials
- Bicycle paths and sidewalks



National Electric Vehicle Infrastructure Formula Program - Texas EV Charging Plan

TxDOT Administering ~\$408 Million Statewide

Year 1

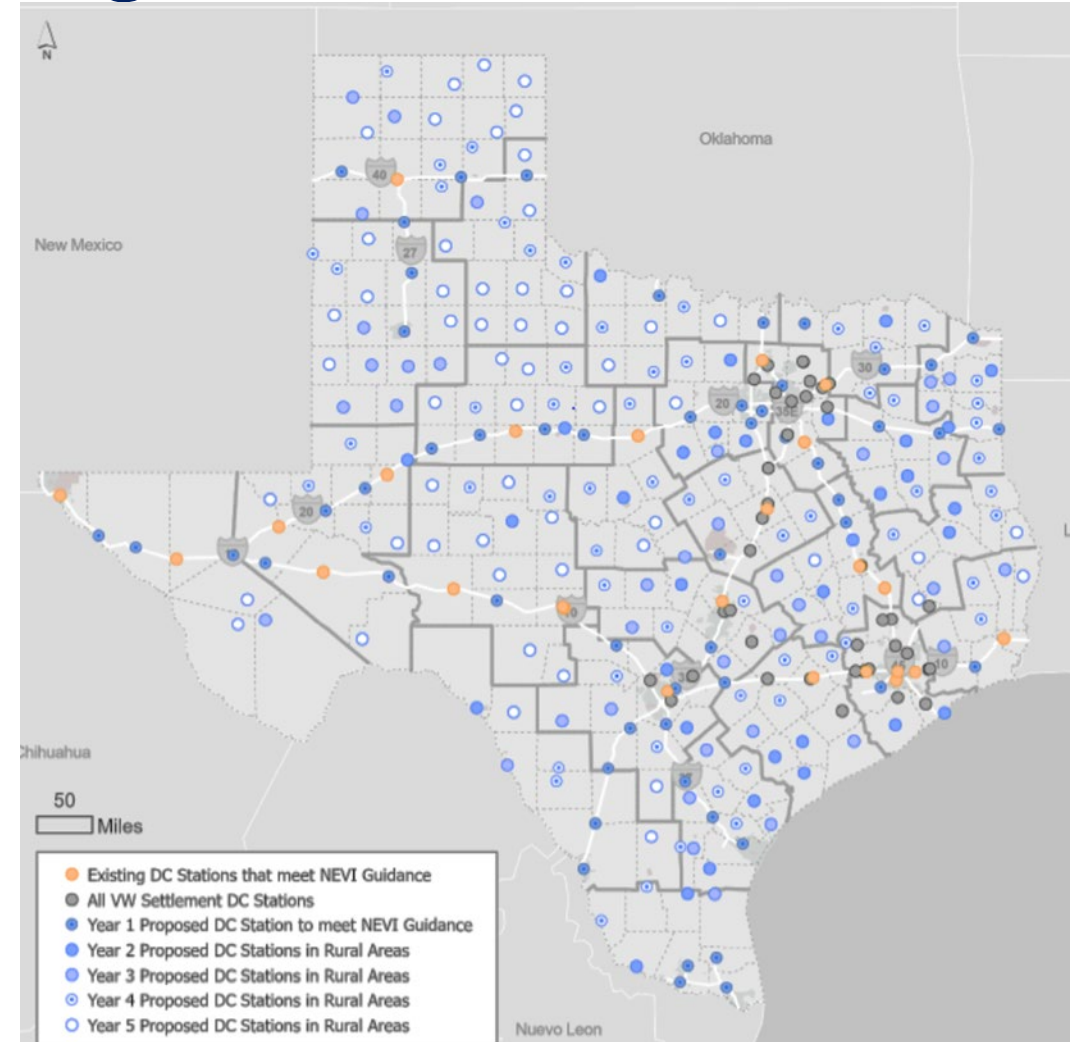
Install DC Fast Chargers Along Alternative Fuel Corridors
(Estimated 55 Stations Statewide; \$48.51M Federal)

Years 2-5

Work with Counties and Small Urban Areas to Install DC Fast Charge Sites In/Near County Seats (Estimated 190 Locations, \$159.7M Federal)

Work *with MPOs* to Identify Locations and Appropriate Combination of Charging Sites (Number Locations TBD, Estimated \$198.92M Federal)

Posted at https://txdot.mysocialpinpoint.com/tx_ev_plan



Source: TxDOT Texas EV Charging Plan Story Map: [Texas Electric Vehicle Infrastructure Plan \(arcgis.com\)](https://www.arcgis.com/home/webmap/viewer.html?appid=5c8e8e8e8e8e8e8e8e8e8e8e8e8e8e8e)



Other Programs Related to Transportation Efficiency

Charging and Fueling Infrastructure Program

- Construct EV and other Alternative Fueling Infrastructure; separated into a Corridor and Community Program
- Funding Amount: Expecting \$500 million in FY24

Low or No Emission Bus Program

- Purchase or lease of zero-emission and low-emission transit buses, with supporting facilities and equipment
- Funding Amount: \$1.1 billion in FY24

Reduction of Truck Emissions at Port Facilities

- Funds projects that reduce truck idling and emissions at ports (including through port operations efficiency improvements)
- Funding Amount: \$80 million from FY24-FY26

Low Carbon Transportation Materials Grants

- Provide incentives for the use of construction materials that have lower levels of embodied GGEs
- Funding Amount: \$2 billion

Transit Oriented Development Pilot Program

- Funds projects to integrate land use planning with major public transportation investments
- Funding Amount: \$13 million in FY23 (NOFO released August 7, 2023)

All programs are eligible to transportation agencies. Work with your local MPOs and transportation districts on implementation and planning efforts.





Resources

Carbon Reduction Program Implementation Guidance [fhwa.dot.gov](https://www.fhwa.dot.gov)

Provides information on funding, eligible activities, and requirements of the CRP, including involvement of MPOs.

Association of Texas Metropolitan Planning Organizations (TEMPO) [texasmpo.org](https://www.texasmpo.org)

Comprehensive website of MPO information including the areas covered in each MPO, contacts, and websites. TEMPO also provides a list of Planning Documents developed by MPOs www.texasmpo.org/planning-documents/.

Federal Highway Administration – Metropolitan Planning [fhwa.dot.gov](https://www.fhwa.dot.gov)

Provides MPO information, legislation and regulation, planning practices. FHWA also provides a Transportation Planning Process Briefing Book [fhwa.dot.gov/planning/publications/briefing_book/](https://www.fhwa.dot.gov/planning/publications/briefing_book/).

Texas A&M Transportation Institute MPO Brochure [tamu.edu](https://www.tamu.edu)

Informational guide on transportation planning in Texas.

Texas Department of Transportation 2024 Unified Transportation Program (UTP) Development [txdot.gov](https://www.txdot.gov)

Information on UTP funding distributions in Texas.



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**Dallas-Fort Worth
CLEAN CITIES**



dfwcleancities.org



cleancities@nctcog.org

IRA Resources from USDA

www.usda.gov/ira

Forest Service

\$5 billion funding for:

- fuels and forest health treatments to protect communities from wildfire (*\$2.15 billion*)
- Competitive grants for non-Federal forest landowners to help sustain healthy and working forests (*\$550 million*)
- State and Private Forestry programs and Urban and Community Forestry Program to assist in planting trees and acquiring land for conservation (*\$2.2 billion*)

Natural Resources Conservation Service

\$20 billion for expansion of various USDA conservation programs that will help farmers and ranchers implement conservation practices that reduce greenhouse gas emissions and increase storage of carbon in their soils and trees.

Rural Development

Up to a \$13.225 billion investment in rural electrification through loans and grants for clean energy, power production, job creation, and economic growth. This funding helps eligible entities purchase renewable energy and zero-emission systems and make energy-efficiency improvements that will significantly reduce greenhouse gas emissions.

Through the Rural Utilities Service (RUS): loans for renewable energy infrastructure, and loans and grants for the purchase of renewable energy, zero-emissions and carbon capture systems

Trough the Rural Business and Cooperative Service (RBCS): Rural Energy for America Program ([REAP](#)) for underutilized technologies and technical assistance, and grants for infrastructure improvements to biofuels

