



Powering Local Governments: Energy Benchmarking and Reporting Roundtable

Savana Nance

Principal Planner

August 4, 2026

Welcome & Housekeeping



Please keep you microphone muted unless speaking.



Please put your name and organization in the chat, and use the chat for questions



The presentation will be recorded



The webinar slides and audio recording will be posted on the Conserve North Texas website: <http://conservenorthtexas.org/event-archive>. Follow-up emails to come to those who registered.



Agenda

- Welcome and Introductions
- Local Government Energy Reporting History and Results
- Registration Pre-Survey Results and Discussion on Energy Benchmarking
- Engagement Opportunities, Funding, and Resources



Roundtable Sponsor



NCTCOG receives funding through SECO to work on energy management and efficiency projects within the region. As part of this work, NCTCOG provides workshops, webinars, and technical assistance on a variety of energy management, energy efficiency, water efficiency, and renewable energy topics



Energy Benchmarking

What:

First step to understanding and improving energy performance of buildings, typically includes:

- **Measuring** all a building's energy use
- **Normalizing** energy use
- **Comparing** energy use

Benefits:

- Identify cost effective (**or free!**) strategies or policies
- Identify best practices from efficient buildings
- Share performance with stakeholders
- Reduce energy consumption
- Improve air quality

For more information on benchmarking, check out Energy Star resources:
www.energystar.gov/buildings/benchmark



Local Government Energy Reporting Overview

Texas Health and Safety Code §388.005(c) Requirement

Requires entities to establish and meet a goal to reduce electric consumption by at least five percent each State Fiscal Year

Impacted Entities

Political subdivisions, institutions of higher educations, and state agency facilities, located in the 41 non-attainment or an affected county

Purpose of Local Government Energy Reporting (LGER)

Reduce emissions associated with electricity generation to help counties reach attainment with the National Ambient Air Quality Standards (NAAQS)

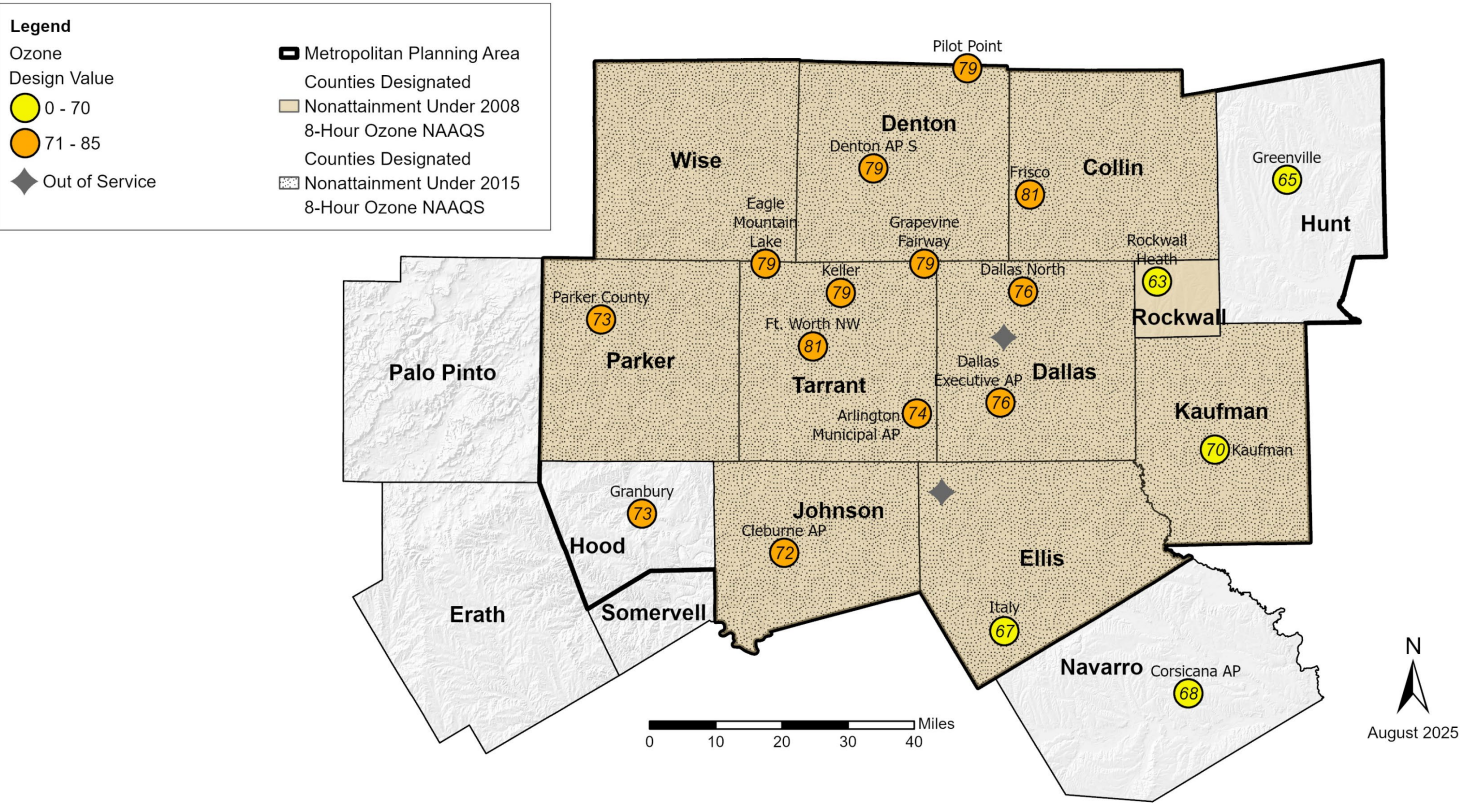
LGER Requirement Timeline

- Began in 2001; Reauthorized through 2026
- Currently unknown if LGER requirement will continue into 2027

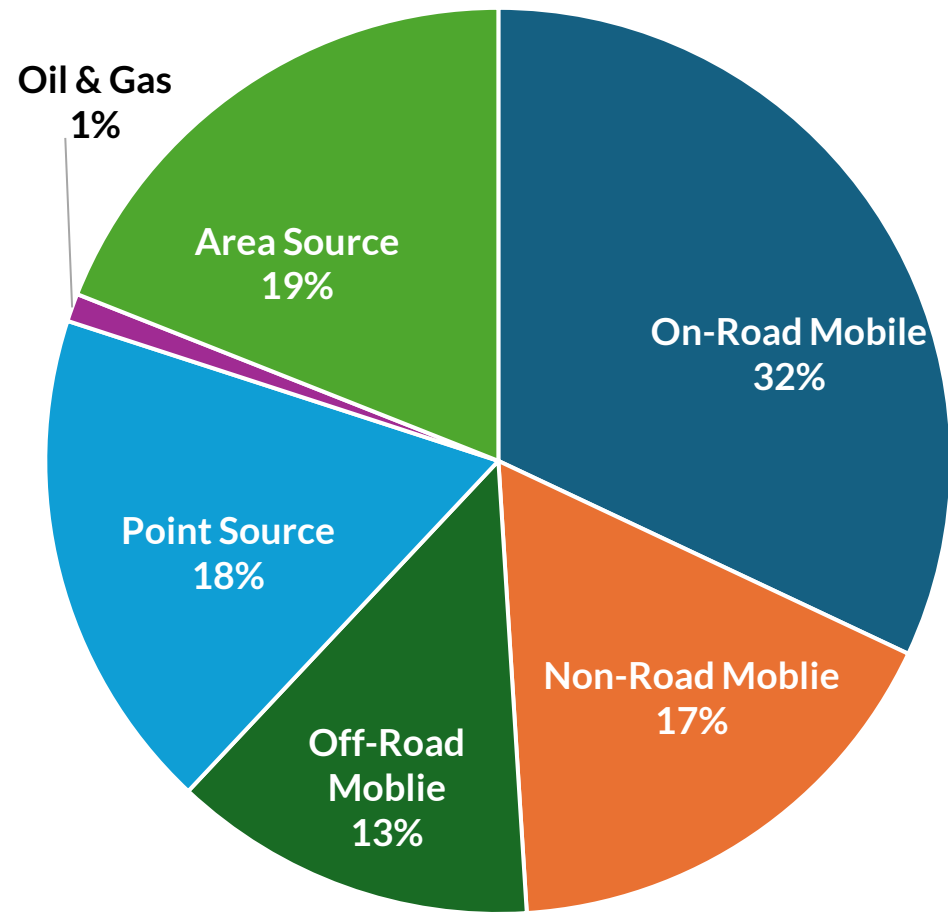


Energy Consumption and Nonattainment

NCTCOG Ozone Nonattainment Area



2026 Nitrogen Oxides Inventory



For more information on North Texas Air Quality, check out the 2025 AQ Handbook at: www.nctcog.org/trans/quality/air

Source: NCTCOG

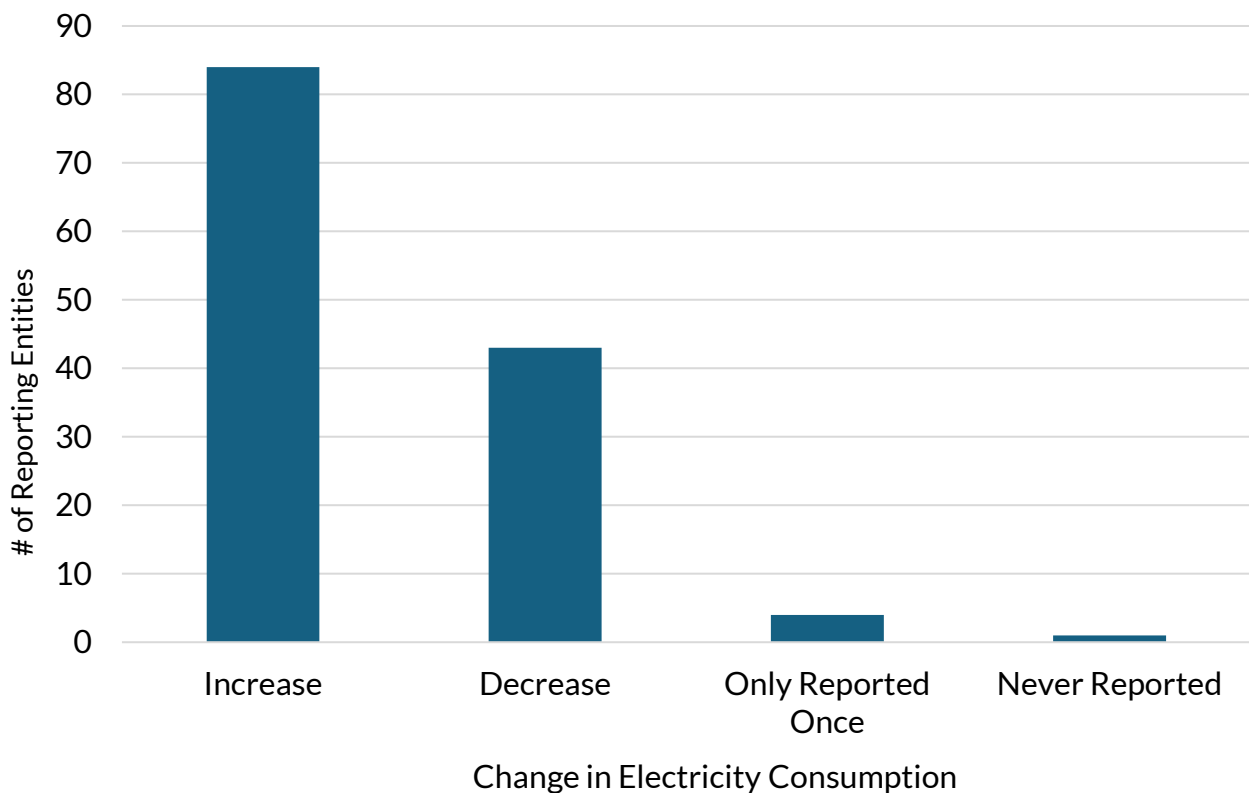
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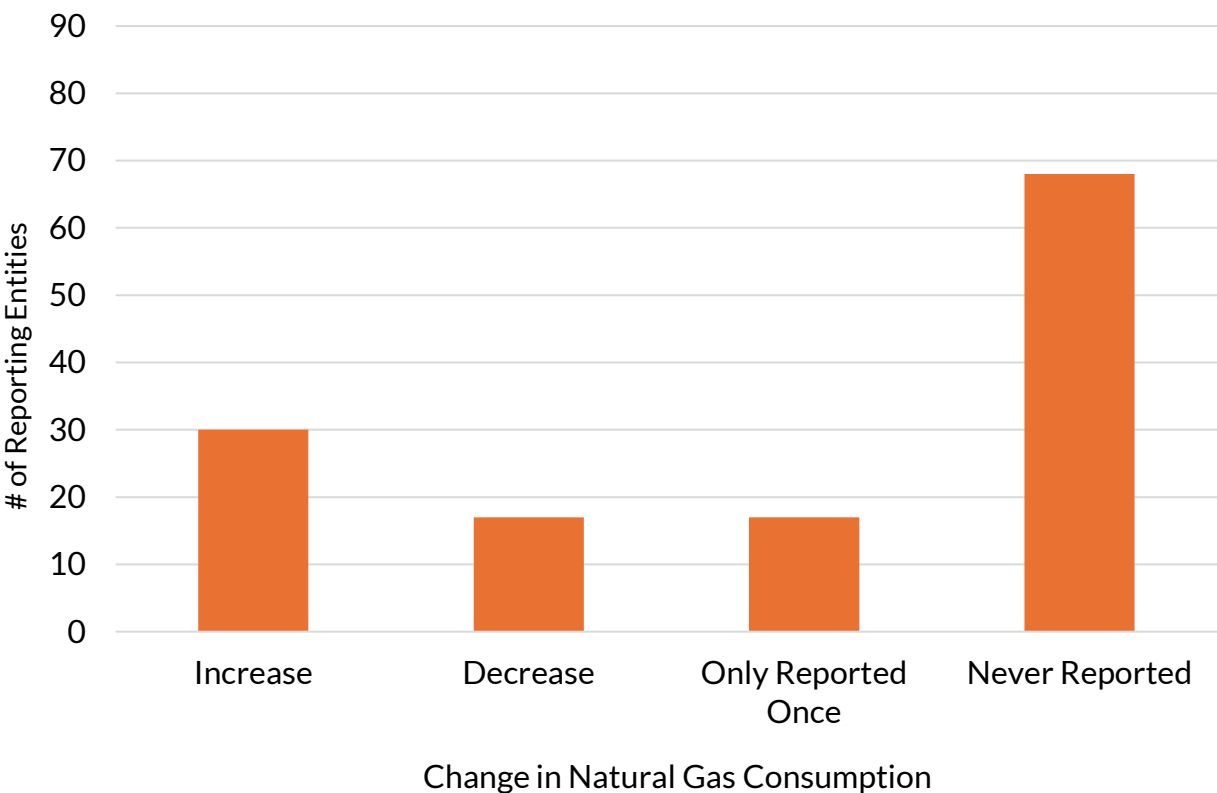
LGER NCTCOG Region Results

132 individual entities in the NCTCOG region reported from 2019 to 2026

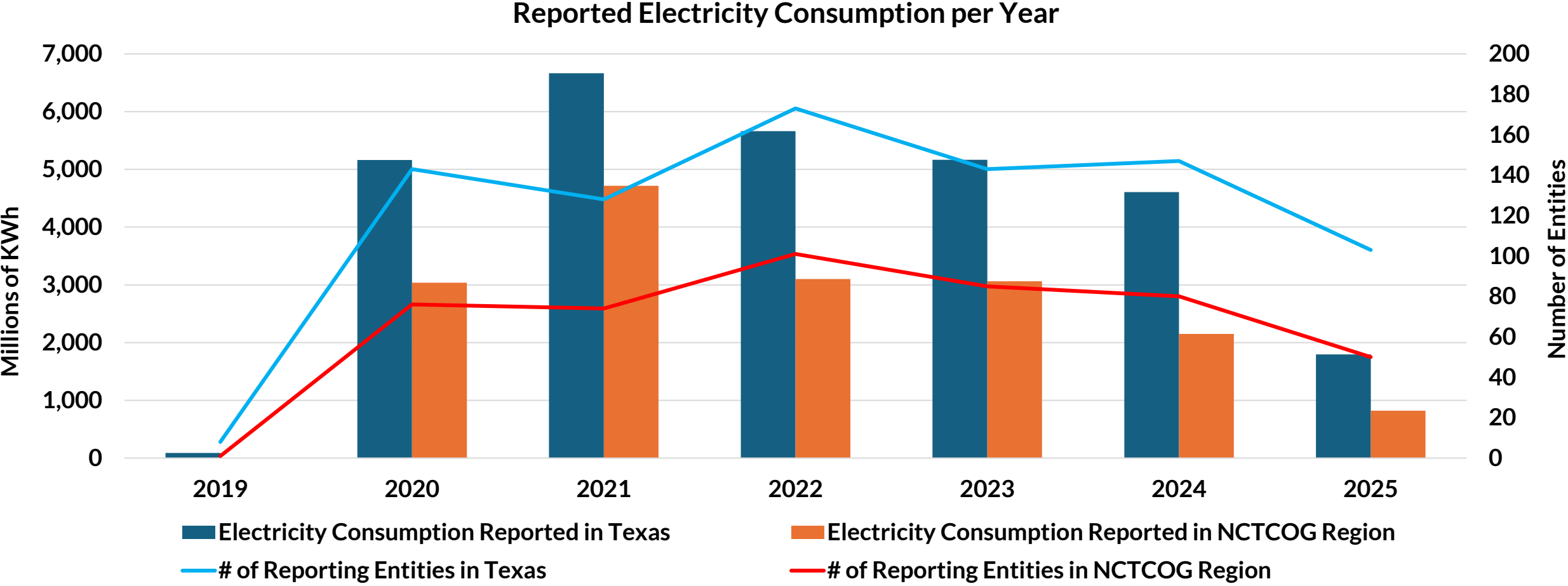
Number of Entities Who Reported Increased or Decreased Electricity Consumption in NCTCOG Region from 2019-2026



Number of Entities Who Reported Increased or Decreased Natural Gas Consumption in NCTCOG Region from 2019-2026



LGER Results – Electricity Consumption



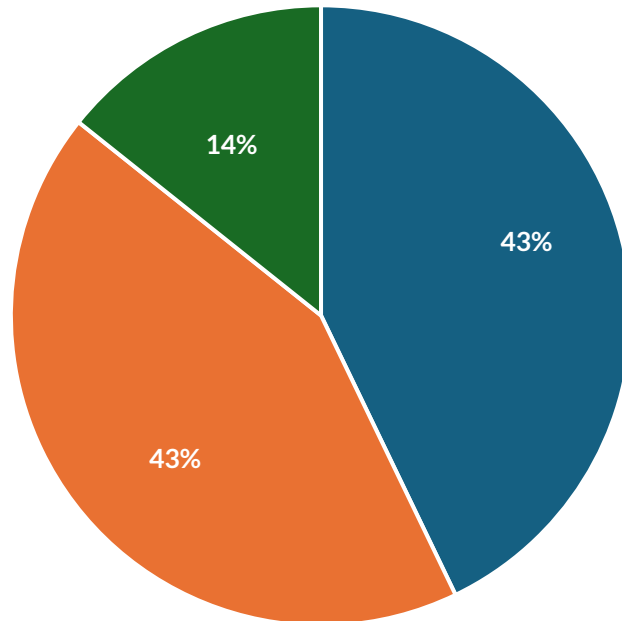
Source: [CPA - SECO Survey Local Government](#)



Registration Pre-Survey Results*

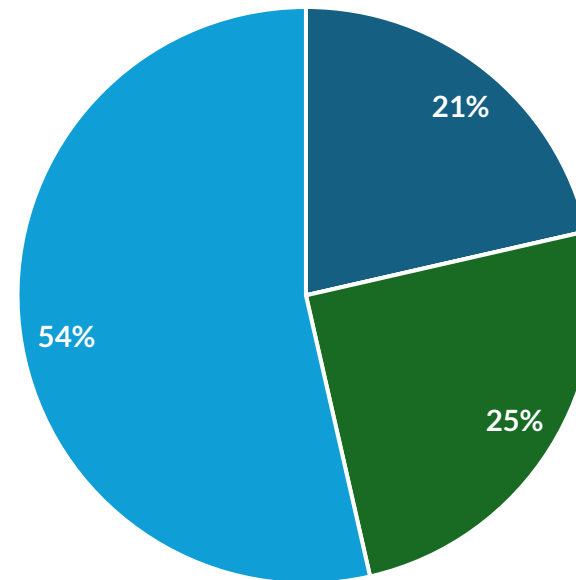
How high of a priority is tracking and monitoring energy consumption for your organization

■ High Priority ■ Medium Priority ■ Low Priority



In the past 7 years, has your organization completed energy benchmarking?

- Yes, and my organization submitted local government energy reporting data to SECO.
- Yes, but my organization did not submit local government energy reporting data to SECO
- My organization did not complete any energy benchmarking.
- I am not sure if my organization completed annual energy benchmarking.



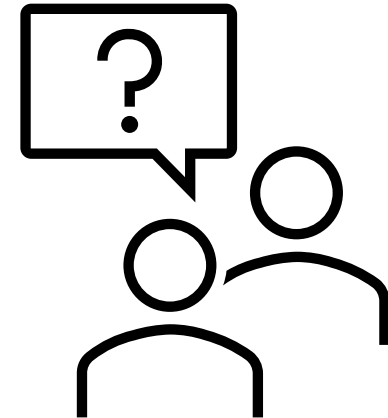
Q & A – Benchmarking Interest

Please submit a response through Microsoft Forms!

- If you cannot use Microsoft Forms, feel welcome to put an answer in the chat
- If you would like to provide additional detail or input, Raise your hand and we will call on you!

What drives your organization's interest in energy benchmarking?

- Cost savings through reduced energy consumption
- Improving air quality
- Meeting organization's sustainability goals
- Identifying best practices from efficient buildings
- Sharing performance data
- Other





9 responses submitted

What drives your organization's interest in energy benchmarking?

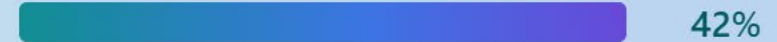
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Cost savings through energy consumption



Improving air quality



Meeting organization's sustainability goals



Identifying best practices from efficient buildings



Sharing performance data

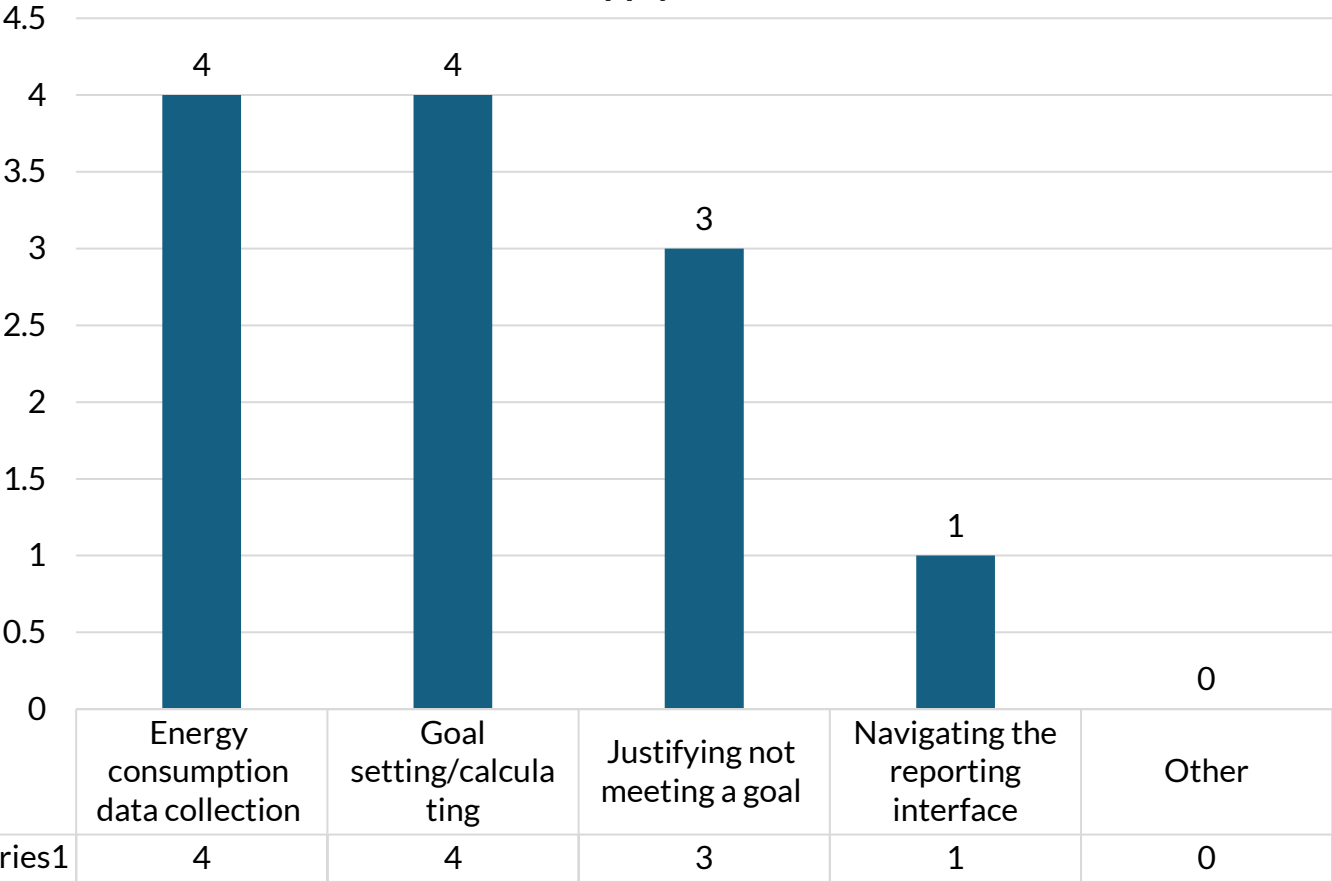


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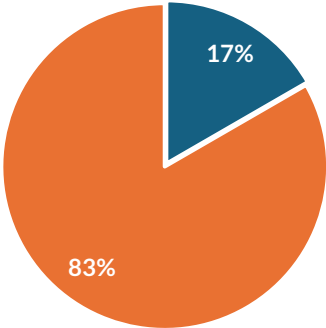
Registration Pre-Survey Results*

Which part of the LGER was most difficult? Please select all that apply?



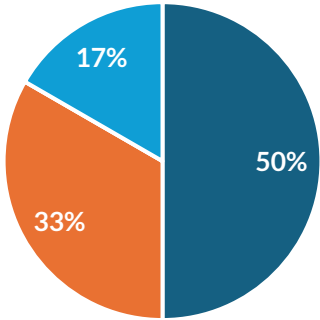
How does your organization track energy consumption?

■ Software ■ Utility Bills ■ We Don't Track ■ Other



Overall, is your organization increasing or decreasing energy consumption?

■ Increasing ■ Decreasing ■ Neither ■ Unknown



*As of August 4, 2026



Q & A – Benchmarking Barriers

Please submit a response through Microsoft Forms!

- If you cannot use Microsoft Forms, feel welcome to put an answer in the chat
- If you would like to provide additional detail or input, Raise your hand and we will call on you!

What is the most difficult part of data collection for benchmarking?

- Multiple sources of utility data
- Staff time to collect the data
- Lack of an internal process of tracking data
- Not knowing where to start
- Other

Are there fuel specific barriers to completing energy benchmarking?

- Yes
- No
- Unsure

What makes goal setting difficult for your organization?

What helps, or would help your organization, in completing energy benchmarking?

- Multiple sources of utility data
- Guidance on how to compare buildings for benchmarking
- Template energy management plans
- Software for monitoring

Do you have any best practices/lessons learned to share regarding energy benchmarking?





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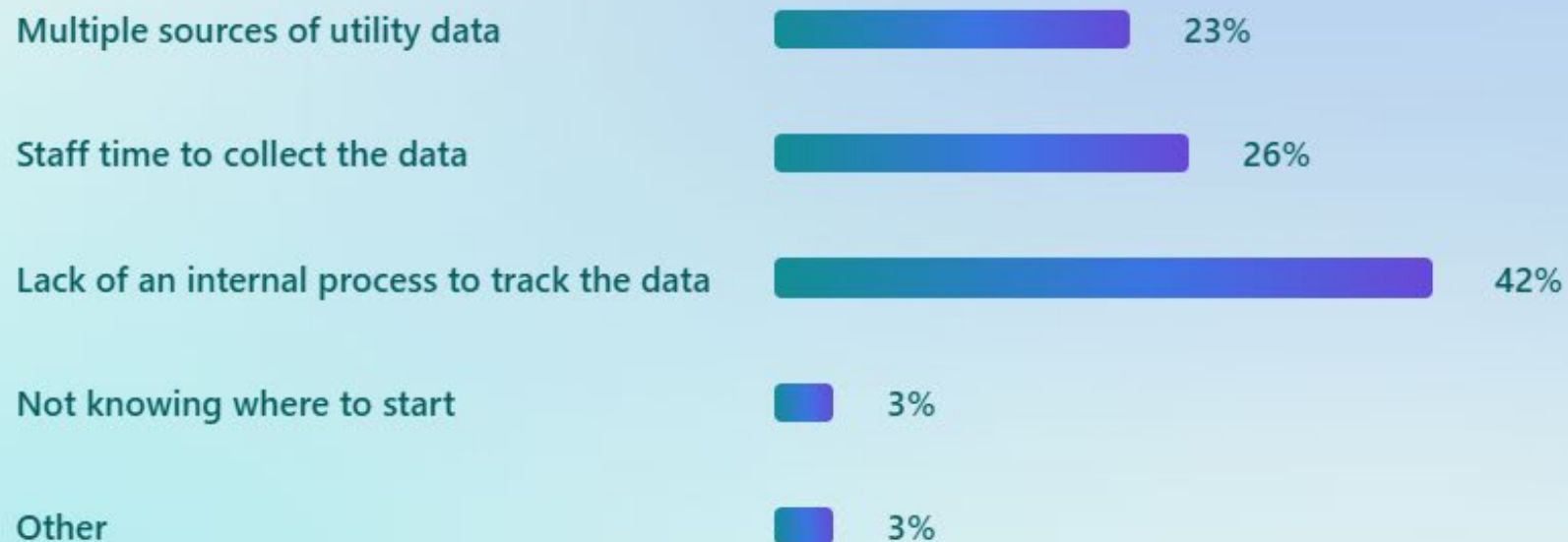


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12 responses submitted

What is the most difficult part of data collection for benchmarking?



1 of 5





12 responses submitted

Are there fuel specific barriers to completing energy benchmarking?

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Treemap

Bar



2 of 5





12 responses submitted

What makes goal setting difficult for your organization?

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Wordcloud visualization of responses:

- lack
- goals
- data
- year over year
- multiple
- new data
- consumption/usage
- internal process
- seasonal conditions
- different priorities
- lack of participation
- total kWh skews data
- Lack of vision
- historical data
- realistic goals
- results of the goals
- Multiple departments
- certain services
- data for comparisons

Wordcloud

All responses



3 of 5





12 responses submitted

What helps, or would help your organization, in completing energy benchmarking?

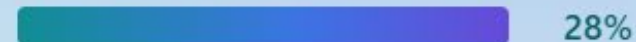
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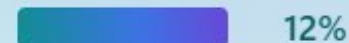
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Virtual training on how to collect/interpret utility data



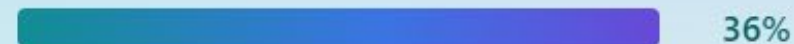
28%

Guidance on how to compare buildings for benchmarking



12%

Template energy management plans



36%

Software for monitoring



24%



4 of 5





12 responses submitted

Do you have any best practices/lessons learned to share regarding energy benchmarking?

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"We have streamlined all of our meter data through Power Monitoring software which give us 15-min interval data. "

"Really, the best practice is to keep on top of those who can obtain the data, so that they will eventually return it in a semi-timely manner"

"No"

"N/A"

Wordcloud

All responses



5 of 5





12 responses submitted

Do you have any best practices/lessons learned to share regarding energy benchmarking?

Scan the QR or use
link to join



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"NO"

"N/A"

"Ensure you are capturing all of the energy consumption"

"N/A"

"None at this time"

"N/A"

Wordcloud

All responses



5 of 5





12 responses submitted

Do you have any best practices/lessons learned to share regarding energy benchmarking?

Scan the QR or use
link to join



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"N/A"

"None at this time"

"N/A"

"We've had a consultant conduct an IGA and they helped get us started. We are building on their template"

"n/a"

"N/A"

Wordcloud

All responses

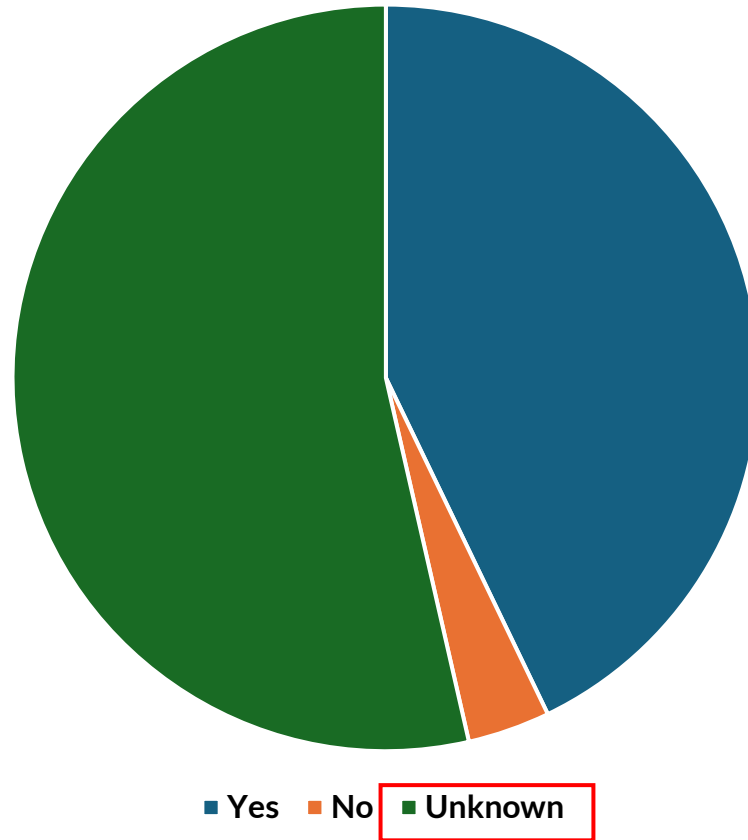


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Registration Pre-Survey Results*

Does your organization have plans for energy efficiency improvements at your facility?



*As of August 4, 2026



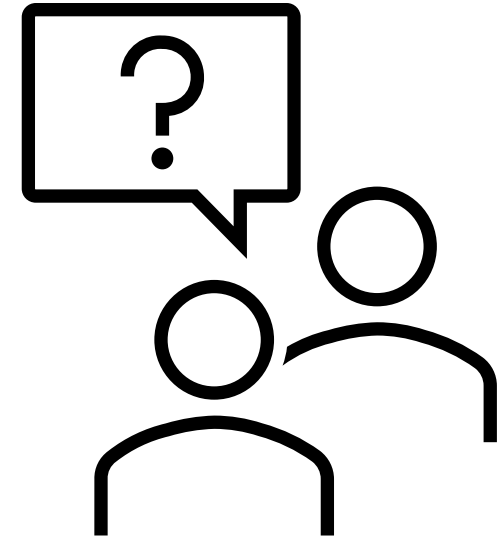
Q & A – Energy Efficiency Improvements

Please submit a response through Microsoft Forms!

- If you cannot use Microsoft Forms, feel welcome to put an answer in the chat
- If you would like to provide additional detail or input, Raise your hand and we will call on you!

What energy efficiency investments has your organization completed that resulting in energy savings?

What energy efficiency investments does your organization want to make in the future?





5 responses submitted

What energy efficiency investments has your organization completed that resulting in energy savings?

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softball fields control lighting
AHU and Pumps

Wordcloud

All responses



1 of 2





5 responses submitted

What energy efficiency investments does your organization want to make in the future?

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link to join



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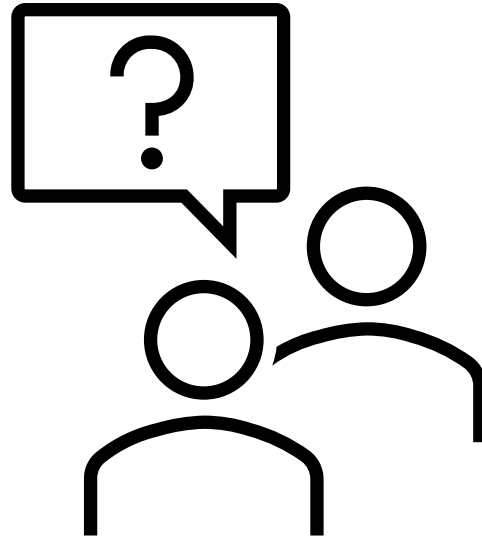
All responses



2 of 2



Other Questions or Comments?



Upcoming Events and Engagement Opportunities



Data Centers in Texas – Water Resources Impacts and Policies Webinar

- August 7, 2026, at 10:00 AM CT
- Register at www.conservenorthtexas.org/workshops-and-training-opportunities
- *Part 2 coming late August 2026- focused on Energy Resources*



SolSmart 101 Webinar – Streamlining the Solar Permitting Process

- August 26, 2026, at 2:00 PM CT
- Register at www.dfwcleancities.org/events



Regional Energy Survey

- **Closes:** August 7, 2026, at 10:00 AM CT
- Link to Survey: <https://www.surveymonkey.com/r/HZN5SGH>



Funding Resources – Energy Efficiency and Distributed Energy Resources

Program	Eligible Activities	Funding Amount	Key Dates
New Technology Implementation Grant (TCEQ)	Implement technologies to reduce emissions from facilities and other stationary sources	Up to 50%	Closes 9/25/2026
TX LoanSTAR Program	Provides low-interest loans for public institutions for energy-related, cost reduction, projects.	Up to \$8 million	Closes 8/31/2026
Community Center Energy Efficiency Retrofits for the State Energy Program: Infrastructure Investment and Jobs Act Energy Efficiency Revolving Loan Fund Program	Energy efficiency retrofits for community centers	Up to \$3,000,000	Closes 12/18/2026
Texas Backup Power Package Program	Provide funding to public and nonprofit that directly serve community safety and human health to design, procure or install backup power packages at facilities necessary to support community health, safety, and well-being	Up to \$500 per kwh;	Applications expected to open 2026

Learn More at: www.nctcog.org/aqfunding - Funding for Energy and Energy Efficiency Projects



Funding Resources – Alternative Fuel Vehicles

Program	Eligible Activities	Funding Amount	Key Dates
Texas Volkswagen Emission Mitigation Program All-Electric Grant Round (TCEQ)	Replace or repower Class 4-8 diesel vehicles/equipment/freight switchers with zero emissions versions	Varies depending old vehicle age: Governmental: Up to 100% Nongovernmental: Up to 75%	Closes 8/31/2026
North Texas Zero Emissions Vehicle Call for Projects (NTxZEV)	Replace older Class 6 and 7 vehicles with zero-emission versions	Varies depending on fuel and vocation type: 33% to 80%	Next deadline is August 21, 2026; ongoing deadline every 3 rd Friday
Emissions Reduction Incentive Grants Program (TCEQ)	Replace or repower locomotives, marine vessels, stationary equipment, and select non-road equipment	Up to 80%; Subject to cost-per-ton cap	Closes 9/4/2026
North Texas Diesel Emissions Reduction CFP (NCTCOG)	Replace or repower Class 5-8 diesel vehicles/equipment with lower-emitting versions	Varies depending on fuel type: Replace: Up to 45% Repower: Up to 60%	Closes 9/11/2026
Texas Natural Gas Vehicle Grant Program (TNGVGP)	Replace or repower eligible medium- and heavy-duty gasoline/diesel vehicles with natural gas-powered vehicles/engines.	Up to 90% or max amount per activity type set by TCEQ, whichever is lesser	Closes 10/20/2026

Learn More at: www.nctcog.org/aqfunding - Funding for Fleet Vehicles and Alternative Fuel Infrastructure Projects



Technical Resources for Energy Management



Preliminary Energy Assessments (PEAs)

Provided at no cost to qualifying entities and facilities.

Detail recommendations for cost-effective resource efficiency measures that entities can implement to decrease utility consumption or costs.



Technical Assistance for Local Governments

Provides customized, on-site, energy-related services ranging from basic consultation to feasibility studies.

eligible entities may request assistance with either energy or water-related technical matters.

Go to: comptroller.texas.gov/programs/seco/programs/local/ to learn more



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