



Local Government Energy Reporting

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June Online Input Opportunity

June 5, 2020



Regional Energy Management Project

Partnership Within NCTCOG, Between Transportation and Environment & Development Staff

Purpose



- Expand Local Government staff capabilities in Energy Management topics
- Increase compliance with the state mandated energy reporting requirements
- Improve accuracy of emissions reduction data associated with reduced energy use

Outcome



- Demonstrate the value and benefits of increasing regional energy management/efficiency education
- Assess the impact of focused regional outreach to serve as an example for replication by regional organizations statewide

Local Government Energy Reporting Requirement



Section 388.005 (c) Texas Health and Safety Code

Purpose: Aid efforts to attain federal air quality standards by reducing demand for electricity generation

Requirements: All political subdivisions, institutes of higher education, and state agencies in the 42 Ozone Nonattainment and Near Nonattainment Counties must establish a **goal of reducing electric consumption by at least 5% each state fiscal year for 7 years** beginning September 1, 2019 **and to submit an annual report** to the State Energy Conservation Office (SECO)

Issues: Lack of Awareness, Inconsistency in Reporting Year-to-Year

What's Due? Annual Report to SECO

Two screenshots of the 'Local Government Energy Reporting Form'. The left screenshot shows 'SECTION 1: Reporting Entity Information' with fields for entity name, type (Municipality, County, State agency, Higher education, Other (please specify)), contact information, and a 'Reduction Goal' section. The right screenshot shows 'SECTION 2: Reporting Period' and 'SECTION 4: Electricity Consumption Period' with various data entry fields for reporting period, electricity consumption, and a 'Natural Gas Consumption Data (optional)' section.

Reports used by **Texas A&M Energy Systems Laboratory (ESL)** to estimate nitrogen oxide reductions associated with energy conservation/energy efficiency measures

ESL submits annual report to the **Texas Commission on Environmental Quality (TCEQ)**

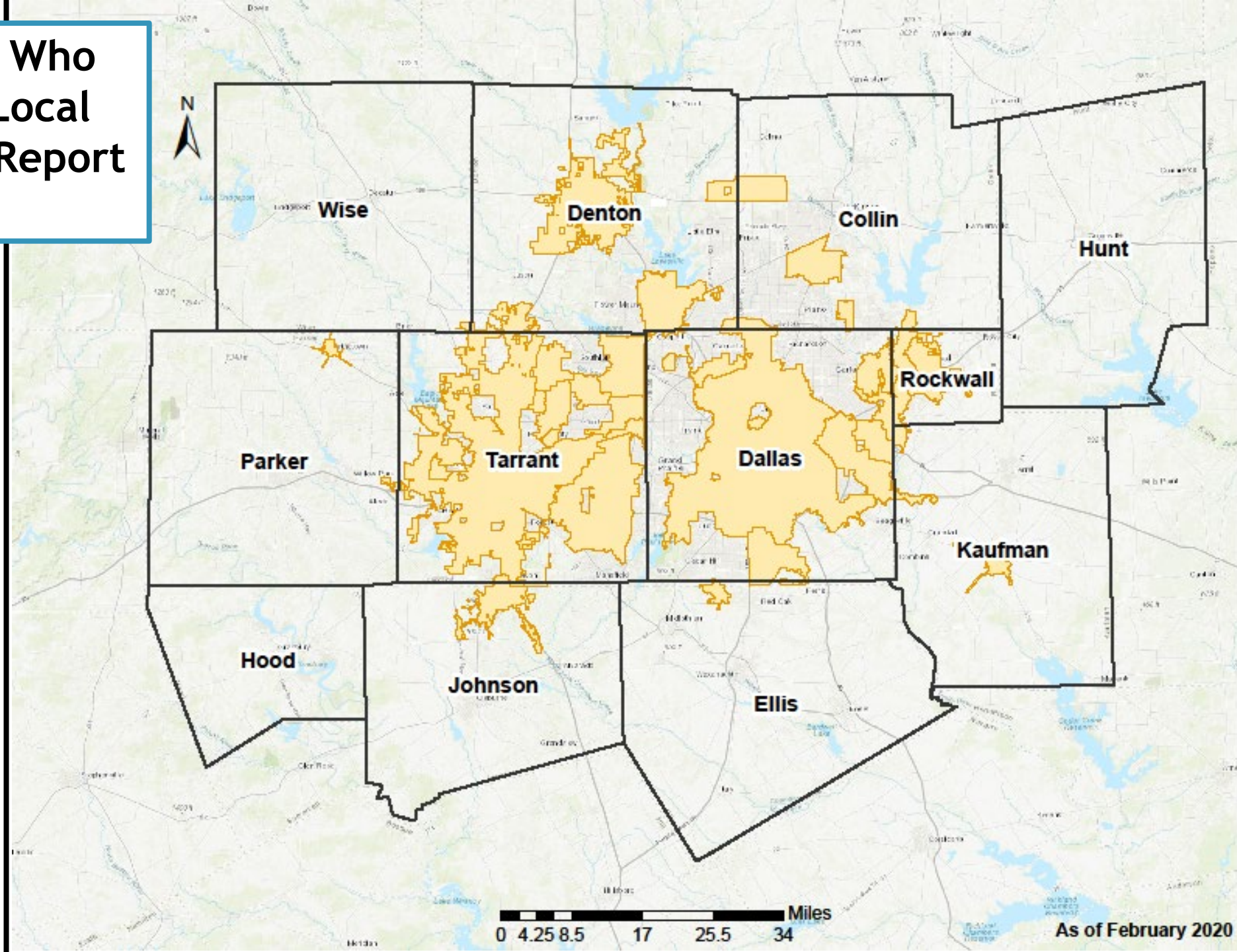
Cities and Counties Who Submitted a **FY18** Local Government Energy Report to SECO

Legend

- Counties Subject to Report
- Cities
- Submitted FY18 Report

★ Number of Cities Who Reported: **28**

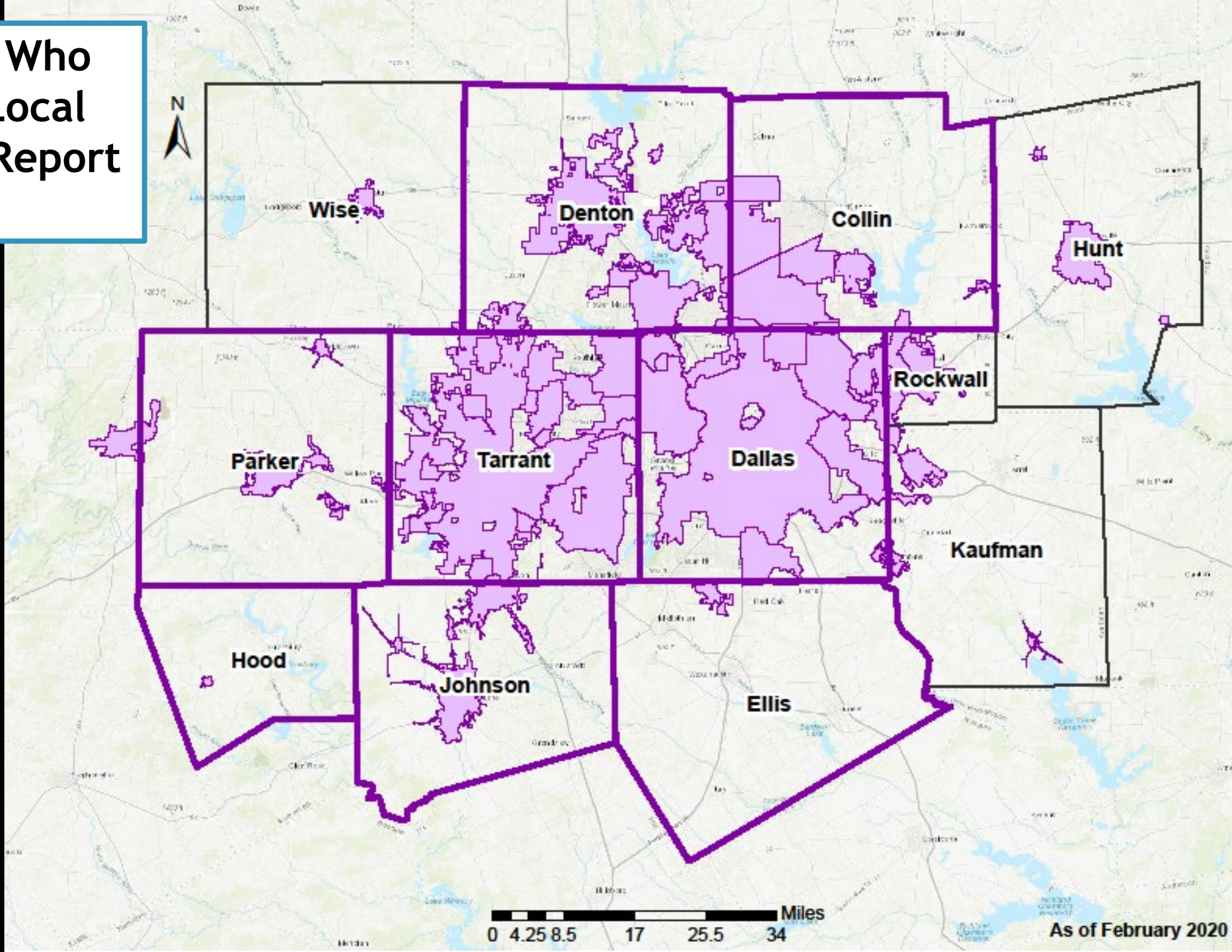
Number of Counties Who Reported: **0**



Cities and Counties Who Submitted a **FY19** Local Government Energy Report to SECO

Legend

- Counties Subject to Report
- Cities**
- Submitted FY19 Report
- Counties**
- Submitted FY19 Report



★ Number of Cities Who Reported: **56**

Number of Counties Who Reported: **8**



5

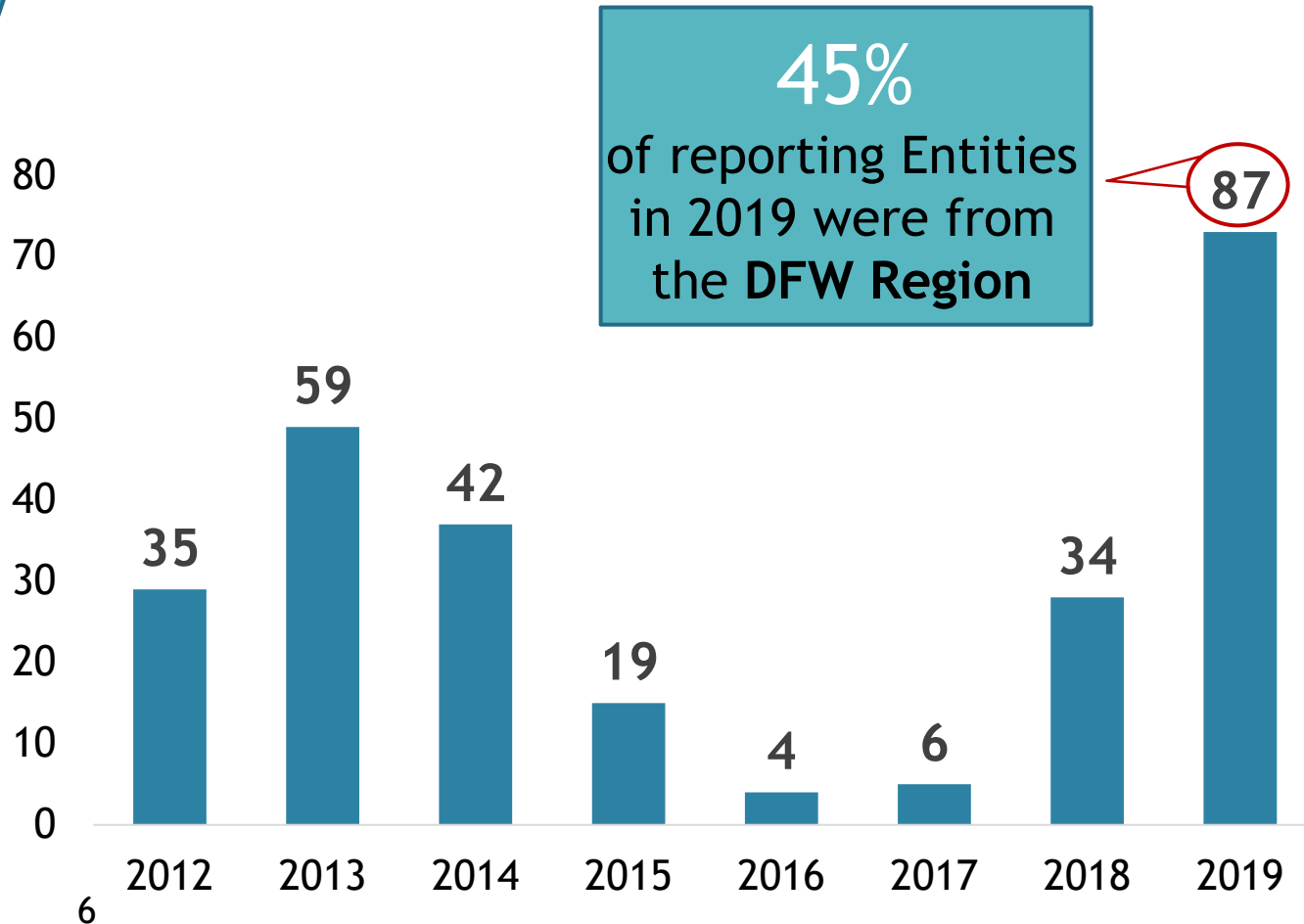


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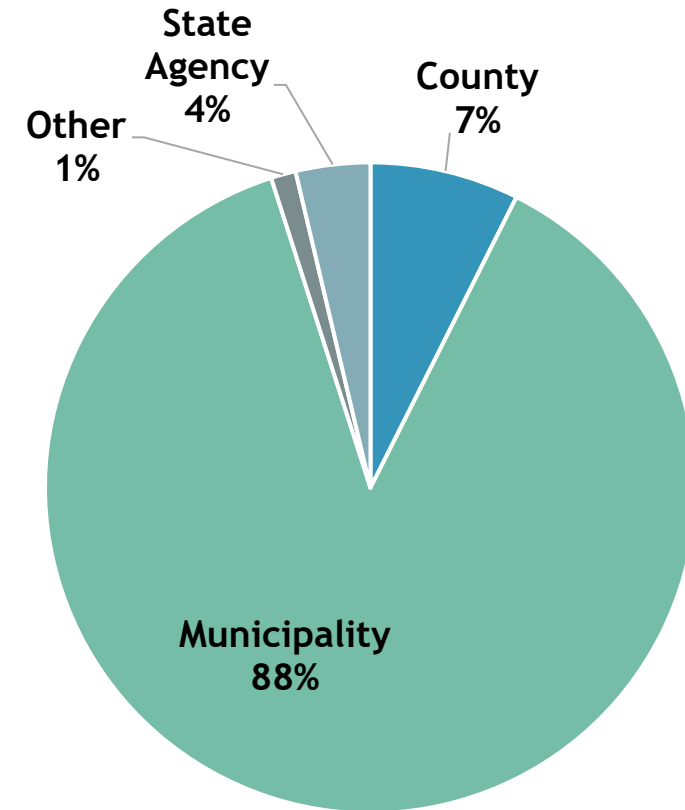
As of February 2020

Local Government Energy Reporting Statistics

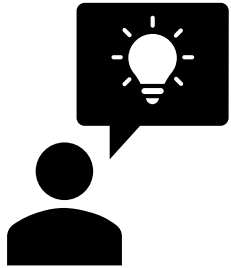
Number of North Texas Entities Who Submitted a Local Government Energy Report



Composition of North Texas Entities Who Submitted a FY19 Local Government Energy Report



Local Government Energy Reporting Toolkit



- ✓ ENERGYSTAR Building Portfolio Manager “How-To” Document
- ✓ SECO’s Preliminary Energy Assessment (PEA) Program Handout
- ✓ Blank FY19 Energy Report Form Template
- ✓ Whitepaper: Effectiveness and Transparency of Energy Reporting Requirements for Local Governments in Texas
- ✓ Energy Efficiency Reporting Matrix
- ✓ Example correspondences for peer regional agency outreach

OTHER RESOURCES



Free individualized assistance to entities interested in learning more about the local government energy reporting requirements, how to fill out the annual reporting form, and answer any questions.



Working group of local governments to identify barriers preventing compliance to the state mandated local government energy reporting requirements and potential opportunities to improve the effectiveness of the requirement.

2020 Workshops + Trainings

Recorded and Available Online!

January

Webinar 1

Leveraging COG Programs and Funding to Support Energy Management for Your Members

February

Webinar 2

Understanding Municipal Utility Bills & Tracking Energy Consumption

May

Webinar 3

Financing Energy Efficiency Projects for Facilities and Services

July

Webinar 4

Procurement Strategies for Energy Efficiency and Renewable Energy- **Details to Come!**

Other Events Include:

- SolSmart Working Group
- LGER Working Group



Sign-up to stay in the loop on Energy Efficiency and Management Trainings/Webinars/Workshops

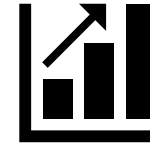
Plans for Ongoing Regional Energy Management Work



Regional Survey



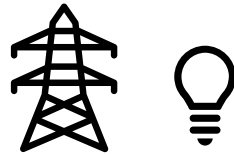
Training & Education



Enhance Local
Government Energy
Reporting



Advance Local
Government Energy
Management Actions



Utility Engagement
and
Data Collection



Regional Energy
Action Plan



Website Resources



FOR MORE INFORMATION

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Program Webpage

<https://www.nctcog.org/envir/natural-resources/energy-efficiency>



**North Central Texas
Council of Governments**