

NCTCOG and SECO Resources for Energy Management

NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

MAY 23, 2019



**North Central Texas
Council of Governments**

SECO Resources

About SECO

Mission Statement: To Increase the Efficient Use of Energy and Water While Protecting the Environment

Focus on Public Sector Facilities – Indirectly Benefitting Taxpayers

Support for Energy and Water Efficiency Project Implementation

- Education and Training
- Technical Assistance
- Project Financing

U.S. Department of Energy State-Level Program Conduit

- State Energy Program (SEP)
- Pantex/Waste Isolation Pilot Plant (WIPP)

SECO Support

Training/Education

- Energy Codes (Workshops & Adoption Toolkit)
- WattWatchers

Technical Assistance

- Preliminary Energy Audits (K-12 & Local Governments)
- Virtual Energy Audits

Financing

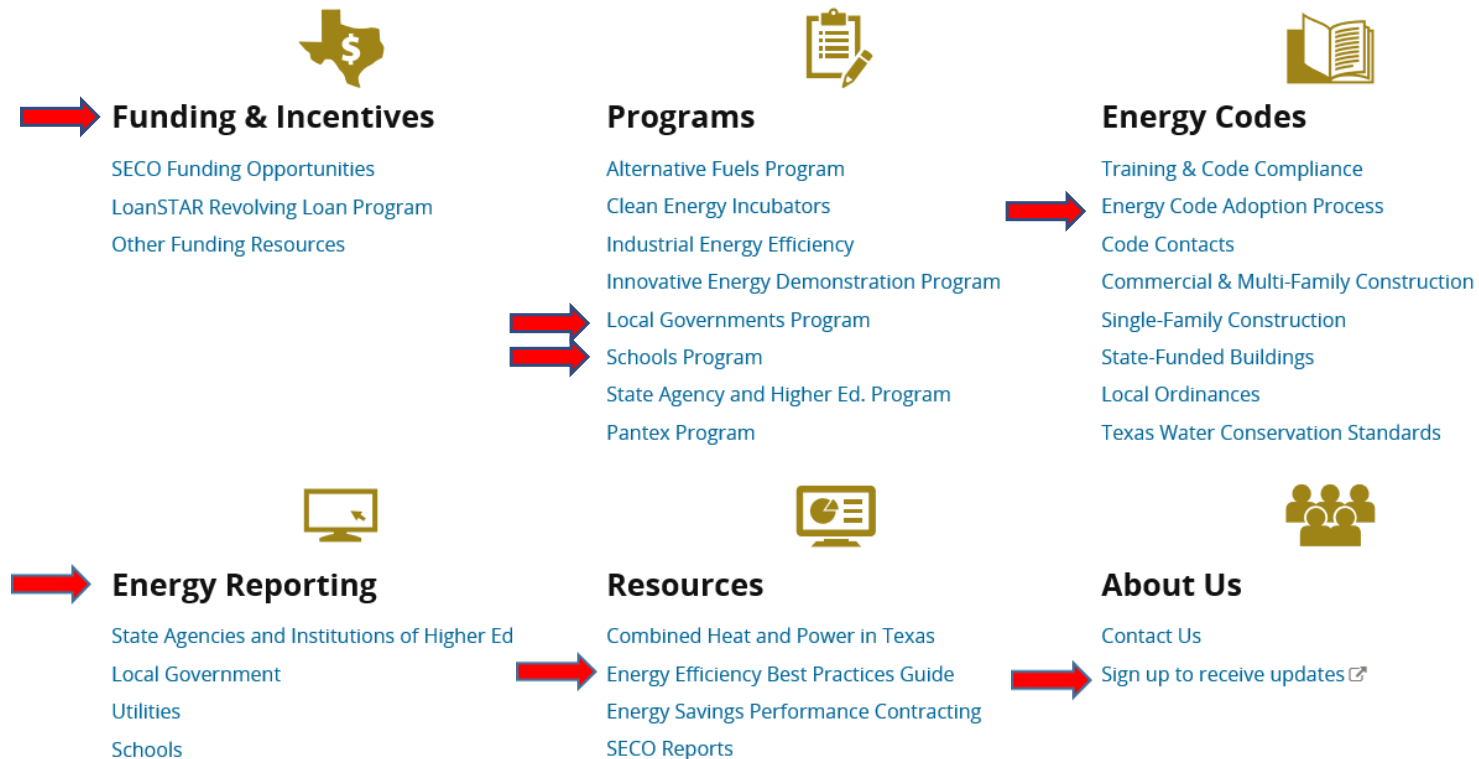
- LoanSTAR Revolving Loan Program
- Energy Savings Performance Contract Guidelines & Education

Programs



STATE ENERGY CONSERVATION OFFICE

SECO partners with Texas local governments, county governments, public K-12 schools, public institutions of higher education and state agencies, to reduce utility costs and maximize efficiency. SECO also adopts energy codes for single-family residential, commercial, and state-funded buildings.



LoanSTAR Revolving Loan

Finances Projects that Reduce Energy/Water/Utility Costs

- Simple Payback Period of 15 Years or Less
- 2% Loan Interest Rate; 1% if Choose ARRA Funds with More Reporting

Open Enrollment Through August 30, 2019

- Maximum \$8 Million Loan Per Application
- Maximum 3 Loans per Entity

Other Funding & Incentives

Database of State Incentives for Renewable Energy:

Local, Utility, State, Federal

www.dsireusa.org

DSIRE®



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER

Texas Department of Agriculture:

City Population < 50,000; County Population <200,000

Water / Wastewater infrastructure; Street / Drainage; Housing

Awards Range from \$75,000 - \$800,000

www.texasagriculture.gov/GrantsServices

Texas Water Development Board:

Financial Assistance Programs

Loans, Grants, Deferred Interest, Combination Grant/Loan

Political Subdivisions, non-Profit and Community Water Supply

Corporations, Private

www.twdb.texas.gov/financial/programs



NCTCOG Resources

Conserve North Texas

Clearinghouse of Energy Efficiency, Water Conservation, and Transportation Resources



Resource Types


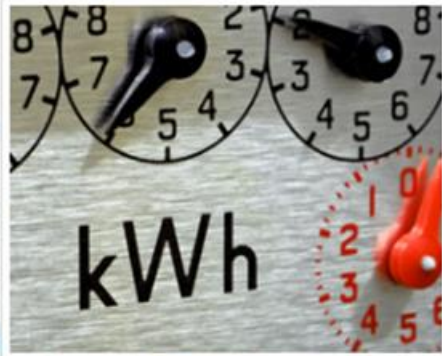

Programs

Tools

Calculators

Case Studies

www.conservenorthtexas.org

| Topic | | |
|--|---|---|
|  |  |  |
| Water | Energy | Fuel |
| Find resources to reduce water use and increase water conservation within the public and private sector. | Search resources that help reduce energy consumption and increase energy efficiency across all sectors. | Explore resources to reduce energy and fuel intensity within the transportation sector. |

Go Solar Texas

Texas-Specific Information about Solar

Key Resource Types

Best Management Practices

Cost Benefit Analysis

Trainings

Case Studies

Meeting-in-a-Box

www.gosolartexas.org



Go Solar Texas



Solar power is an emerging clean energy option that can positively impact North Texas' environment and save consumers money on their electric bills. Dallas-Fort Worth is a prime location for solar technology and its growth due to the region's climate and geography. Solar power can provide much of the needed electricity when electricity demand is highest - when it's hot and the sun is shining.

With proper implementation, solar energy will help to improve air quality.



Solar 101

Learn the basics about solar energy, terminology, and equipment.

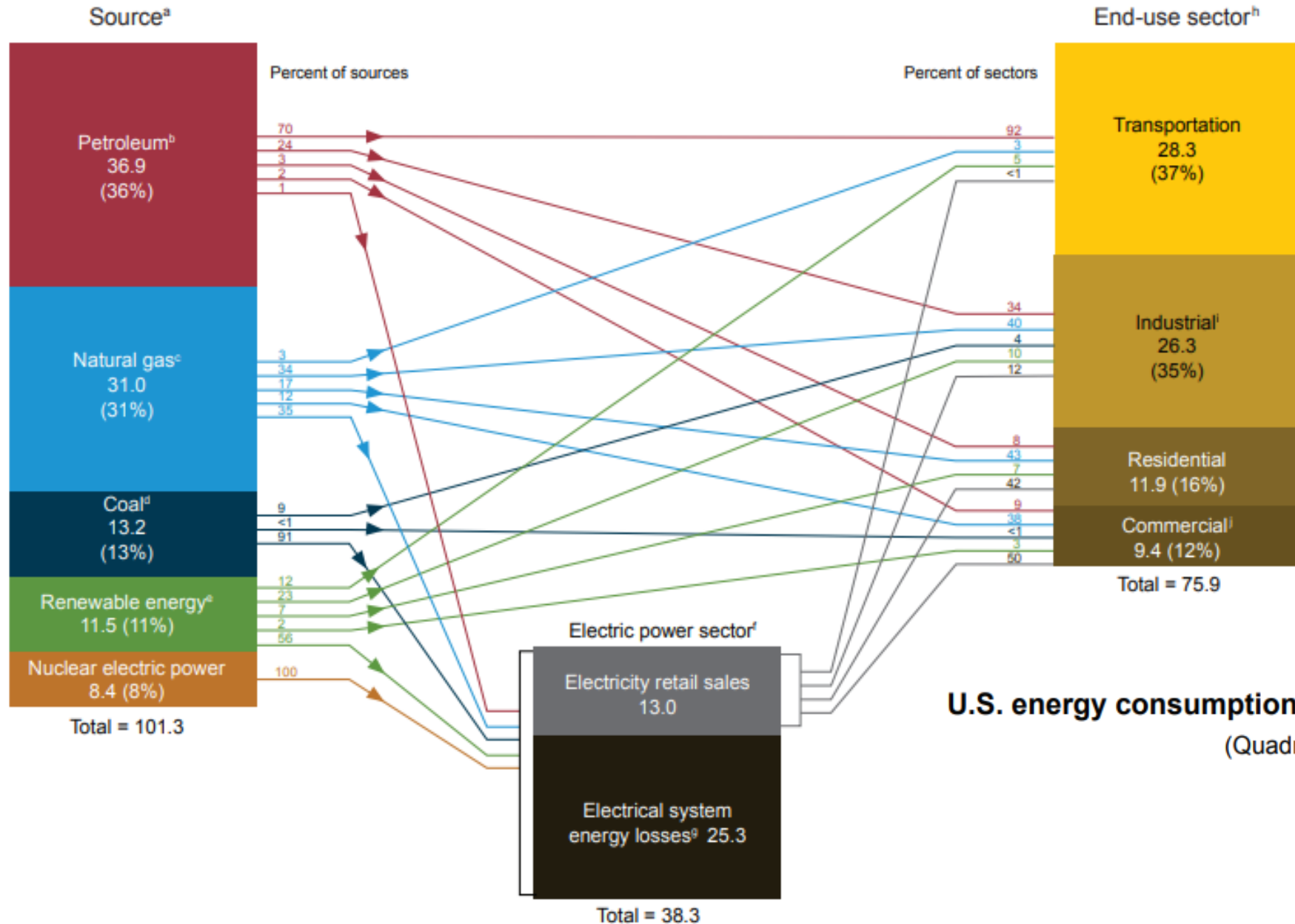


Steps for Going Solar

Considering installing a solar energy system? Now what? Steps for Going Solar provides details on solar energy systems, costs, tools for determining if solar is right for your property, and more.



Transportation as Part of the Energy Economy



Transportation Energy is 37% of Total Energy Consumption

U.S. energy consumption by source and sector, 2018
(Quadrillion Btu)

DFW Clean Cities – Transportation Efficiency

Fuel Switching
(Alternative Fuels)

Fuel Conservation
(e.g. Idle Reduction)



Dallas-Fort Worth
CLEAN CITIES

Energy Efficient
Mobility Systems

Fuel Economy

FOR MORE INFORMATION

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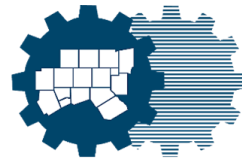
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<https://www.nctcog.org/envir/natural-resources/energy-efficiency>



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