

Inventory of Regional Clean Energy Initiatives

Dallas/Fort Worth
Metroplex



FORT WORTH


Good Company
ASSOCIATES



TEXAS FOUNDATION FOR INNOVATIVE COMMUNITIES



City of Dallas



Green Dallas

<http://www.greendallas.net/index.html>

Green Dallas is the comprehensive portal for everything Green in Dallas.



Climate Change

http://www.greendallas.net/climate_change_reduce.html

Although already known as an environmental leader among cities, the City of Dallas is taking an active role in further creating a more sustainable city through the reduction of greenhouse gases emitted from its City operations.



Dallas
Environmental
Policy

http://www.dallascityhall.com/pdf/OEQ/oeq_environmental_policy.pdf

The City of Dallas is committed to a clean, safe, and healthy environment. As such, we will exercise environmental stewardship in our dealings with employees, other governments, citizens, City contractors, business and others in the community for our world today as well as for future generations. Caring for the environment is one of our core values, and this is demonstrated by ensuring our activities are in harmony with the natural world around us.



Environmental
Management
System

<http://www.dallascityhall.com/oeq/ems.html>

To undertake this idea of an Environmental Management System—EMS for short—is to make a revolutionary promise: a promise not simply to comply with laws and regulations, but to go beyond what’s minimally necessary and do the best work possible on behalf of the environment, the citizens and resources of Dallas. Indeed, use of an EMS is a promise to make environmentally savvy improvements continuously, in every city department, and within the job descriptions of every city employee. Perhaps surprisingly, it’s a promise often rewarded by not only accolades and environmental benefits but also by saving tax dollars.



Energy Efficiency

http://www.greendallas.net/energy_efficiency.html

City Council authorized the largest procurement of renewable energy in the City's history; in 2008, 40 percent of the City's power will come from renewable energy, primarily from wind power, making Dallas the No.1 municipal purchaser of green power in the nation.



Forward Dallas

<http://www.forwarddallas.org/index.php>

Forward Dallas! is a first-of-a-kind citywide comprehensive plan that asks citizens to decide the kind of city in which they want to live or do business. Together we will strengthen the tax base, protect our neighborhoods, revitalize depressed areas and make our downtown more vibrant.

Building Policies



Green Buildings
Project

<http://sustainableskylines.org/Dallas/greenhomes.html>

The City of Dallas proposes to link green building techniques with affordable housing initiatives to construct highly energy efficient green homes.



Dallas Green
Building Standard

http://www.greendallas.net/green_standard.html

On April 9th, 2008, the Dallas City Council unanimously adopted a green construction ordinance aimed at reducing energy and water consumption in all new houses and commercial buildings. This step adds to the City's record of being an environmental leader. The ordinance will be implemented in two phases beginning in 2009.

Waste and Recycling Policies



Recycling

<http://www.greendallas.net/recycling.html>

Dallas continues to increase their recycling volume from 9,680 tons in FY 2005-06 to 20,149 tons in FY 2006-07 and to 29,664 tons in FY 2007-08. The City's goal is to increase that figure to 35,000 tons in FY 2007-08 and 45,000 tons by 2011, with a residential participation rate of at least 50 percent of households.

Water Policies



Water

<http://www.greendallas.net/water.html>

Here, in Texas, the only thing more important than water is how that water is used. Since the 1950s, when a severe drought brought Dallas to the edge of catastrophe, the City has protected its collective sources of water. Now, as population pressures combine with increasing agricultural and industrial needs, the ways we protect and allocate this priceless resource are more important than ever.



Water Conservation Ordinance

<http://www.savedallaswater.com/wco.htm>

The guidelines in the [Water Conservation Ordinance](#) are intended to conserve water and extend the life of existing infrastructure by minimizing the stress on the system caused by the peak demand of summer water usage.

Air Policies



Texas Clean Air Cities Coalition

http://www.greendallas.net/texas_cities.html

The Texas Clean Air Cities Coalition (TCACC) is a group of elected Texas mayors/councilmembers, county judges/commissioners, and school board members. The Coalition was formed as a unified voice to combat issues affecting Texas air quality and its resulting health impacts



Greenhouse Gas Strategy

<http://sustainableskylines.org/Dallas/greenhousegas.html>

Reduce energy usage in retail stores, increase the energy efficiency awareness of customers in order to promote the purchase and use of energy efficient household items, and educate Dallas Independent School District (DISD) students and their parents regarding energy efficiency.



Air Quality

http://www.greendallas.net/air_quality.html

Air quality is probably the most difficult environmental issue we face today in North Central Texas. The City of Dallas, along with many others cities across the United States and around the world, recognize the impact that smog and ozone formation have on our health and economic well-being.

Other



Biking & Alternative Transportation

<http://www.greendallas.net/biking.html>

On-Street Bike Routes—The City of Dallas has a 1,000 lane mile bike route system for commuting and alternative transportation use that covers the entire city. The bike routes were selected by local cyclists as the best way for bicyclists to get around town for work, school, and errands. The City of Dallas Master Plan calls for 230 multi-use hike and bike trails that will connect with DART light rail stations, green belts, schools, business centers and parks. Public transportation is also available, like DART and TRE.



EarthFest 2010

<http://www.greendallas.net/EarthFest2010.html>

Annually on April 22nd in Downtown Dallas



Sustainable Skylines
- Dallas

<http://sustainableskylines.org/Dallas/home.html>

The Sustainable Skylines initiative is a three-year partnership between the City of Dallas, the U.S. Environmental Protection Agency, and the North Central Texas Council of Governments to promote sustainability within the City via voluntary programs which emphasize air quality improvements.



Green Taxis

<http://sustainableskylines.org/Dallas/taxis.html>

The goal of the Green Taxi Program is to facilitate replacement of existing taxis with very low emitting vehicles. The program will also provide education on the additional benefits of green taxis and the suitability of these vehicles to meet industry needs.



Off-road equipment
replacement and
retrofits

<http://sustainableskylines.org/Dallas/offroad.html>

This project will concentrate on replacing small gasoline and diesel-powered equipment (such as lawn maintenance equipment and small utility vehicles used in facility maintenance and grounds maintenance) so that NOx emissions are reduced.



Renewable
Energy/Energy
Efficiency Outreach
Program

<http://sustainableskylines.org/Dallas/eereoutreach.html>

Reduce energy usage in retail stores, increase the energy efficiency awareness of customers in order to promote the purchase and use of energy efficient household items, and educate Dallas Independent School District (DISD) students and their parents regarding energy efficiency.



Urban Heat Island

<http://sustainableskylines.org/Dallas/heatisland.html>

The goal of this project is to develop and implement an urban heat island program for the City of Dallas that will both decrease heated surfaces and increase the permeability of surfaces in the Central City and other areas of Dallas.



Site Assistance Visit <http://sustainableskylines.org/Dallas/siteassistvisits.html>

The City of Dallas and the Texas Commission on Environmental Quality (TCEQ) will provide on-site, technical assistance to Dallas area industries. The focus of these efforts will be to identify pollution prevention, energy conservation, and water conservation strategies and technologies that can be incorporated into a facility's operations. A specific focus will be to provide recommendations for reducing the use of VOC coatings, solvents, and adhesives, and promoting the use "cleaner" alternatives, and for improving energy efficiency in a facility's operations.



Green Dallas free conservation kit http://www.greendallas.net/pdfs/GreenDallas_Water_Efficiency_Kits.pdf

The kit is a re-usable Green Dallas shopping bag filled with items including compact fluorescent bulbs, low-flow shower head, moldable caulking, clear window tape, faucet aerators, toilet tank leak-detection tablet pack, draft stoppers, foam weather-stripping, and other materials.



Trees <http://www.greendallas.net/trees.html>

Dallas is proud to be home to the largest urban hardwood forest of any city in the country, the 7,000 acre Great Trinity Forest. [Dallas Urban Forest Advisory Committee](#), [Dallas Urban Forestry Information](#)



Trinity River Corridor Project <http://www.trinityrivercorridor.org/>

The Trinity River Corridor Project is the most complex and the largest urban development effort undertaken by the city and it will make Dallas the envy of other large cities as it transforms a flood protection solution into an opportunity for community revitalization, economic development and the creation of a world-class greenway.

NCTCOG North Central Texas Council of Governments

The North Central Texas Council of Governments (NCTCOG) is a voluntary association of, by and for local governments, established to assist local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development

Transportation and Air Quality – funding received from ARRA <http://www.nctcog.org/trans/tip/arra.asp>

As the federally designated Metropolitan Planning Organization (MPO) for the Dallas-Fort Worth area, the NCTCOG Transportation Department and Regional Transportation Council (RTC) received American Recovery and Reinvestment Act (ARRA) funding

 Energy – Funding
Received from <http://www.nctcog.org/envir/SEEDevEx/codes/ARRA2009.asp>
ARRA

The NCTCOG Environment & Development Department is helping cities and counties share information related to planned funding applications for Energy Efficiency and Conservation Block Grant (EECBG) program funds approved in the ARRA. On March 26, 2009, the U.S. Department of Energy announced that more than \$2 million will be available for state, county and city efforts in Texas. NCTCOG has begun by hosting a regular Energy Efficiency and Conservation Forum for eligible governments.

 ARRA Grant Total DOE award: \$13,181,171
North Central Texas Council of Governments' North Central Texas Alternative Fuel and Advanced Technology. The project will deploy refueling stations and alternative fuel vehicles in the Dallas-Fort Worth area.

 Air North Texas <http://www.airnorthtexas.org/index.asp>

Air North Texas is a regional clean air partnership and campaign to provide a comprehensive air quality resource, promote a consistent, regional air quality message, leverage existing resources and program strengths in a collaborative effort, increase public awareness of specific opportunities for residents to reduce emissions and motivate residents to make clean air choices.

 **Dallas Regional Chamber**
<http://www.dallaschamber.org/>

The Dallas Regional Chamber is a dynamic alliance serving the business interests of the region. The root of its rich history dates back to the Board of Trade, established in 1874. Since then, it has evolved into one of the largest voluntary membership driven organizations of businesses in the U.S. The Chamber represents over 3,000 businesses located in 88 different cities in the North Texas region. The Chamber's three priorities include regional economic development, public policy and member services. Programs and initiatives throughout the year focus on these three areas.

 Technology Business Council <http://dallastbc.org/>

 Technology Legislative Task Force <http://www.dallastbc.org/programs/tech-task-force/index.html>

The Technology Legislative Task Force supports the Dallas/Fort Worth region's ability to attract and successfully conduct technology based business through a proactive regulatory and legislative review process which promotes awareness, education, and business and governmental collaboration.

Sustainable Technologies Forum <http://dallastxcoc.weblinkconnect.com/CWT/External/WCPages/WCEvents/EventDetail.aspx?EventID=2216>

Held annually in October:

- To promote and facilitate the synergistic growth of industries in the DFW region that focus on developing and providing sustainable technologies and services.
- Building DFW's momentum in the sustainable technologies sector by bringing together innovators, public and private sector executives, and industry leaders.
- Providing forums to educate and facilitate networking, while raising awareness of the DFW as an industry leader.
- Developing strategic marketing and economic development pieces showcasing the sustainable technology industry in the DFW region.



**Dallas County
Community College
District** <http://www.dcccd.edu/>

Dallas County Community College District (DCCCD) is the largest undergraduate institution in the state of Texas. Made up of seven colleges — Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake and Richland — plus the R. Jan LeCroy Center for Educational Telecommunications.



**Brookhaven Green
Team** <http://www.dcccd.edu/Employees/Councils/WorkGroups/Green/GreenBHC/default.htm>



DCCCD Green Team <http://www.dcccd.edu/Employees/Councils/WorkGroups/Green/DCCCDGreen/>



**North Lake College
Sustainable Campus** <http://www.northlakecollege.edu/sustainability/>



Green Richland <http://www.dcccd.edu/Employees/Councils/WorkGroups/Green/GreenRLC/>



**Cedar Valley
Community College
Classes** [Green and Sustainable Studies](#)

If you are interested in a "green" career, Cedar Valley College offers a specialized degree for building performance specialists and is one of the few colleges that offer technical training in fields related to energy efficiency and green building technology. Cedar Valley College currently offers credit courses and certificates in the green building field. This includes information about HERS and LEED rating concepts.

Other Dallas Initiatives



Re:Vision Dallas <http://www.revision-dallas.com/>

The world is watching as a neglected parking lot in downtown Dallas grows closer and closer to beginning its transformation into one of the world's most sophisticated models for sustainable urban development. The winning entries of Urban Re:Vision's international design competition, Re:Vision Dallas, have been chosen.



Forwarding Dallas A project of Re:Vision Dallas

Urban Re:Vision and the Central Dallas Community Development Corporation announced that "Forwarding Dallas" has been selected as the winning design from Re:Vision Dallas, an international design competition. The challenge, to transform a vacant inner-city block behind City Hall into a carbon-neutral community, drew hundreds of entries from top architecture firms and city planners in 14 countries worldwide. Forwarding Dallas is the product of a collaboration between Portuguese-based architectural firms [Atelier Data](#) and [Moov](#), and will run "off the grid," acting as a working model of sustainability for cities around the globe. Ground breaking is scheduled for early 2011.

[The Dallas Green Zine](#) Dallas Green Zine <http://dallasgreenzine.com/>

This is a Blog about innovation, conservation, re-engineering, remodeling, and rethinking about how we impact our environment.



Dallas Green Business Directory <http://dallasgreenzine.com/business/>

This listing is informational and the intent is to provide readers with a list of green products and services that can be obtained in the Dallas metroplex.



SECO projects in Dallas http://www.seco.cpa.state.tx.us/re_solar_projects.htm

Solar Photovoltaic (PV) Energy System
- Hensley Field

This project provides for the design and installation of a solar photovoltaic (PV) energy system at the Hensley Field Operation Center. The project includes a final report summarizing project costs, energy savings, emission reductions, LEED certifications, and on- and off-site educational components and provides a visitor's survey to evaluate responses on the use of alternative energy. The site continues to provide community outreach.

Installation of Solar Domestic Hot Water Systems

Three City of Dallas buildings now include solar domestic hot water systems that are in parallel with the existing gas or steam fired system. When the solar collection water temperature is greater than the domestic hot water recirculating temperature, the solar system through a heat exchanger, provides the heating required for the water to maintain temperature. The City of Dallas works to integrate new technology into existing infrastructure that uses natural resources efficiently. The City has adopted the 2000 International Energy Code with the 2001 supplement. This project was included as a component of the City's Energy Saving Performance Contract.



Projects selected for ARRA Funding in <http://www.nctcog.org/trans/tip/arra0909select.pdf>
Dallas



Trinity River Audubon Center <http://www.trinityriveraudubon.org/site/PageServer?pagename=Home>

Purpose: To develop, implement, and manage successful citizen science programs at the Trinity River Audubon Center.
To support The National Audubon Society's mission - to conserve and restore natural ecosystems, focusing on birds, other wildlife, and their habitats for the benefit of humanity and the Earth's biological diversity.



US EPA Brownfields Project <http://www.epa.gov/brownfields/>

The city has been the recipient of multiple awards under EPA's Brownfields Initiative, including Assessment Demonstration Pilot, Brownfields Cleanup Revolving Loan Fund Pilot, and Job Training Demonstration Pilot grants. redevelopment funding from the private and public sectors than any other Brownfields Assessment Demonstration Pilot, Dallas is one of only three cities selected as a Clean Air/Brownfields Pilot in conjunction with EPA, the Economic Development Administration, and the U.S. Conference of Mayors.

The Green Guide <http://www.greendallas.net/pdfs/GreenGuide2009.pdf>

Green Dallas guide for citizens with environmental actions that individuals can take to become better environmental stewards.

Dallas Environmental Achievements and Awards <http://www.greendallas.net/awards.html>

Fort Worth



City of Fort Worth <http://www.fortworthgov.org/>



Sustainability Task Force <http://www.fortworthgov.org/sustainability/default.aspx?id=63296>

The Fort Worth City Council in January appointed a [Sustainability Task Force](#) to investigate ways to ensure city infrastructure and resources can keep pace with growth. The Task Force will meet in three phases to create action plans for implementing rules and practices that will help achieve this goal



ARRA Community
Task Force

<http://www.fortworthgov.org/recovery/default.aspx?id=65124>

The city and its regional allies in the public and private sectors have developed a partnership — the ARRA Community Task Force —to ensure that all of the entities are working collaboratively to achieve the greatest results from the ARRA.

The collaboration brings together representatives from nearly every city department, along with representatives of Tarrant County, North Central Texas Council of Governments, Tarrant Regional Water District, Trinity River Vision Authority, The T, Workforce Solutions for Tarrant County, Fort Worth Housing Authority and chambers of commerce.



Mobility and Air
Quality Plan

<http://www.fortworthgov.org/tpw/info/default.aspx?id=5844>

Transportation. Congestion. Poor air quality. These are issues on the minds of most Fort Worth residents. And, as more people move into the region, these issues will only escalate. In fact, Fort Worth's population is estimated to reach 1 million by 2030. That's an increase of 42 percent from 2008. More people means more vehicles on the roadways, more traffic congestion and delays, increased air pollution, and more health challenges because of poor air quality and lack of exercise.

That's why the City of Fort Worth in partnership with The Fort Worth Transportation Authority (The T) launched a study in 2006 to develop a mobility and air quality plan that is strategically sound, financially feasible and environmentally responsible. City Council adopted the plan at their regular meeting on January 13, 2009.

Metroplex Area



North Texas Clean
Air Coalition

<http://www.workingforcleanair.org/Home/tabid/36/Default.aspx>

The North Texas Clean Air Coalition is the only nonprofit organization in the region dedicated solely to encouraging voluntary efforts to improve air quality in North Texas through educating, engaging and recognizing the business community.



Dallas-Fort Worth
Clean Cities

<http://www.nctcog.org/trans/clean/cities/index.asp>

In 1995, the Dallas-Fort Worth (DFW) Clean Cities became one of the first Clean Cities under the Energy Policy Act's provision for an organization that promotes the use of alternative fuels to lessen America's dependence on foreign sources of petroleum. The DFW Clean Cities Coalition is a locally based, private and public partnership group that works to advance the economic, environmental, and energy security goals of the United States by supporting local decisions to adopt practices that contribute to the reduction of petroleum consumption in the transportation sector.

In the DFW Metroplex, the Clean Cities Coalition is administered and supported by the North Central Texas Council of Governments (NCTCOG).



Texas Institute

<http://www.texasinstitute.org/Home/tabid/602/Default.aspx>

The Texas Institute is an independent, nonprofit research institute conducting client-sponsored research and advancing the development of sustainable technology solutions for government agencies, commercial businesses, foundations, and other organizations.



Green Built Texas

<http://www.greenbuiltinorthtexas.com/index.html>

Green Built Texas is a voluntary partnership of local home builders, industry supporters, and sponsors committed to creating awareness and interest in the construction of higher-performance, lower-impact residential homes in Texas.

DFW Metroplex

Alternative Energy <http://www.green-metroplex.com/>

Caucus

Our goals are three fold: 1) Raise understanding of Alternative Energy and Fuels. 2) Convert to workable Alternative Energy Models and Methods and reduce Pollution. 3) Teach our new found understanding to our elected officials at the City, County and State levels to make sweeping policy changes at all levels.



Clean Energy
Fueling Stations

<http://www.cleanenergyfuels.com/main.html>

Nine fueling stations are located within the DFW Metroplex



Greater DFW
Recycling Alliance

<http://www.recyclegdfw.com/>

The mission of the Great DFW Recycling Alliance is to preserve the Texas environment by encouraging the reuse, reduction and recycling of goods and to promote the use of recycled-content goods and materials



Live Green in Plano

<http://www.plano.gov/departments/environmental%20services/greenliving/Pages/default.aspx>

Sustainability is often defined as "to meet the needs of the present without compromising the ability of future generations to meet their needs." The City of Plano offers a broad spectrum of programs and educational opportunities to residents interested in living green.



City of Irving
Material Exchange
Program

<http://www.ci.irving.tx.us/solid-waste-services/IMEP/irving-material-exchange-program.html>

Irving's Material Exchange is a free on-line listing service for Irving residents who have items they no longer need but could be used by others. The program matches residents who have good household items to dispose of with local individuals who can use them. Items are not for sale—they are listed for exchange only. Irving's Material Exchange is part of an effort to reduce the amount of reusable items headed to the landfill and expand the City's recycling program with a reuse program.



City of Irving Green
City Fleet

<http://cityofirving.org/news-articles/fleet-goes-green.html>

The city has been recognized for its efforts to go green. Irving recently received the National Government's Green Fleet Award. Award criteria included Fuel Conservation which uses biodiesel, emissions reductions from the fleet's 451 diesel units being in 100% compliance with the 007 Federal Air Standards, and grant applications to the EPA's Clean Diesel Emerging Technologies Grant for on-road fleet retrofits.



Irving – Think Green
Be Green

<http://www.ci.irving.tx.us/begreen/index.html>

The City of Irving has introduced the Think Green... Be Green Web site, designed to provide an opportunity to discover, learn, and implement suggestions to become stewards of the environment. Irving is committed to becoming a successful, environmentally sustainable community, and addresses this initiative in the city's Strategic Plan. To meet this goal, they are focusing on key environmental issues such as recycling, energy and water conservation and alternative transportation. Finally, residents will have the opportunity to implement by attending classes and workshops offered in Irving related to these topics and presented by specialists helping to assist in efforts to be better stewards of the planet.



Dallas Area Rapid
Transit

<http://www.dart.org/>

Currently, DART serves Dallas and 12 surrounding cities with approximately 130 bus routes, 45 miles of light rail transit (DART Rail), 84 freeway miles of high occupancy vehicle (HOV) lanes, and paratransit service for the mobility impaired. DART and the Fort Worth Transportation Authority (the T) jointly operate 35 miles of commuter rail transit (the Trinity Railway Express or TRE), linking downtown Dallas and Fort Worth with stops in the mid-cities and DFW International Airport.



Convene Green
Alliance

<http://www.convenegreen.com/sites/S38/index.php?p=405>

The Convene Green Alliance is a grass-roots, industry initiative that is being spearheaded by several high-profile associations that seek to affect positive environmental practices through national, regional and local outreach and education. This initiative was developed in response to members' demands that their association (and the meetings and events they sponsor), reflect best environmental practices.



City of Arlington
Green Team

<http://www.arlingtontx.gov/greenteam/index.html>

Commercial recycling in Arlington

***APPENDIX A –
Oncor Rebates, Loans, and Incentives***



Oncor

Smart Grid <http://www.oncor.com/electricity/distgen/default.aspx>

CFL Campaign http://www.oncor.com/electricity/teem/cfl_faq.aspx

Eight Texas utilities are sponsoring a program to encourage people to buy energy-saving ENERGY STAR® qualified CFLs (compact fluorescent light bulbs). The program outlines the benefits of CFL use while also offering reduced prices at participating retail locations.

Home Energy Efficiency <http://www.oncor.com/electricity/teem/consumer/res/index.aspx>

Oncor provides incentives to Service Providers who implement energy saving projects in homes located in Oncor's service area.

The incentives are to help offset the cost of energy efficiency measures completed in a consumer's home measures that otherwise may not be completed without the help of the incentives. Homes built after January 2002 are not eligible. Oncor provides the incentive directly to the Service Provider, who then determines what to do with the incentive payment. Charges vary by Service Provider and no incentives are paid directly to the consumer by Oncor.

Also eligible for incentives are insulation, duct sealing, caulking and weather-stripping, installation of Energy Star © windows installation of renewable energy sources, replacement of a number of things including AC units, heat pumps, electric water heaters.

Refrigerator Recycling <http://www.oncor.com/electricity/teem/consumer/res/recycle.aspx>

For a limited time, Oncor is encouraging consumers to turn in extra refrigerators or freezers for recycling and receive a \$50 payment per unit, up to two units per household. Oncor makes it easy for you -- we pick the unit up at your home.

Oncor has partnered with Appliance Recycling Centers of America to operate this program in your community. These units will be dismantled, recycling as many parts as possible thereby reducing landfill space.

Low-income

Home <http://www.oncor.com/electricity/teem/consumer/hardsop/default.aspx>

Weatherization

Oncor provides incentives to Service Providers for implementing energy saving measures in qualifying homes. Homes built after January 2002 are not eligible.

This program is available to homeowners with an annual household income at or below 200% of the federal poverty guidelines. Eligible measures include insulation, duct sealing, caulking and weather-stripping, compact fluorescent lighting, water-saving devices, High-Efficiency Central Air Conditioner or Window Air Conditioner, Floor Insulation, Solar Screens, ENERGY STAR® Appliances, Energy-Efficient Windows.

Air

Conditioning Installations http://www.oncor.com/electricity/teem/consumer/ac_installer/default.aspx

Installations

The equipment must be a new system and rated with AHRI (The Air-Conditioning, Heating and Refrigeration Institute), must meet ENERGY STAR standards, Air conditioners must have a SEER of 14.5 and an EER of 12 or higher, heat pumps must have a SEER of 14.5 and an EER of 12 or higher with a minimum of 8.2 HSPF.

Energy Star[®] Homes <http://www.oncor.com/electricity/teem/consumer/starhomes/default.aspx>

An incentive program is offered to the participating homebuilders in the Oncor service area.

Home Performance with Energy Star[®] <http://www.oncor.com/electricity/teem/consumer/estar.aspx>

Home Performance with ENERGY STAR[®] is a [national program](#) from the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) that offers a comprehensive, **whole-house approach** to improving the energy efficiency and comfort of homes, while helping to protect the environment.

Solar Water Heating Program <http://www.oncor.com/electricity/teem/programs/solarheater.aspx>

Oncor will provide cash incentives for the purchase and installation of solar water heating (SWH) systems in qualifying homes. Interested homeowners, renters, developers, and builders can participate by working with a SWH installer (Service Provider).

Solar Photovoltaic (PV) Program <http://www.oncor.com/electricity/teem/consumer/solarpv.aspx>

The Solar PV Program is designed to help Oncor customers meet a portion of their electric energy needs with solar photovoltaic (PV) systems. The Program assists customers with selecting the best site for a solar PV system, identifying Service Providers (contractors), and provides incentives to help offset the initial cost of installing a solar PV system.

Small Commercial Program <http://www.oncor.com/electricity/teem/business/scpro.aspx>

Oncor provides incentives to Service Providers who implement energy saving projects for small commercial customers in Oncor's service area. The incentives are to help offset the cost of the energy efficiency measures completed in the business facility measures that otherwise may not be completed without the help of the incentives.

Commercial Program <http://www.oncor.com/electricity/teem/business/compro.aspx>

Oncor provides incentives to Service Providers who install approved energy-efficiency measures in commercial and governmental sites in Oncor's service area. These energy-saving projects must be approved by Oncor prior to starting. Once completed, Oncor verifies the savings and the Service Providers receive incentive payments based on the project's actual savings.

Requirements

- * Commercial and governmental facilities must be located in Oncor's service area
 - * Facilities must have an electric demand of 100 kW or more
 - * Facilities must achieve at least 20 kW of demand reduction during the summer on-peak period.
-

Load Management Program <http://www.oncor.com/electricity/teem/business/comload.aspx>

Oncor pays incentives to Service Providers who work with local commercial and industrial facilities to achieve documented, summer peak demand reductions in those facilities. The program is designed to make it easier for more businesses to reduce their peak energy demand and help meet the state's energy goals.

***APPENDIX B –
Retail Electric Providers***

Accent Energy - Dynowatt	GoGreen© program is energy generated by wind power
Amigo Energy	Offer a renewable energy selection for service
Bowie-Cass Electric Coop	
Cirro Energy	
CoServ Electric Coop	
Direct Energy, LP	“Pure Texas Wind Plan” for 100% renewable energy option \$100 discount offered on the cost of a home energy audit
First Choice Power	“Simply Better Advantage Green Plan” for 100% renewable energy option
Gateway Energy Services	
Gexa Energy	“True Green” plan in not specific to the amount of the energy generated by renewable sources.
Green Mountain Energy	All energy produced by “non-polluting” sources (combination of wind and water)
Heart of Texas Electric Coop	Distributed Generation offered
Medina Electric Coop	
Pedernales Electric Coop	Green Works program is Pedernales Electric’s ongoing effort to encourage the use of renewable technologies, environmental responsibility, and conservation activities. A goal has been set to purchase or generate up to 30 percent of their electricity from renewable sources by 2020.
Reliant Energy Retail	
Spark Energy, L.P.	
StarTex Power	
Texas Power	
TXU Energy	TXU Energy EarthWise, offers 10% renewable energy from wind energy generated in Texas. TXU Energy EarthWise 18, which offers the same 10% Texas-based wind energy product content. TXU Energy 100% EarthWise, which is a 100% Texas-based wind product.
Wharton County Electric Coop	
Xcel Energy	Some of their energy is generated by renewable sources