


POWERING A CLEANER ENVIRONMENT

Texas uses more electricity than any other state in the nation. At TXU Energy, we want more Texans to use less electricity— that saves them money and helps the environment.

By working together, TXU Energy, customers and suppliers have the power to improve the environment and truly make a difference in the future of our community.

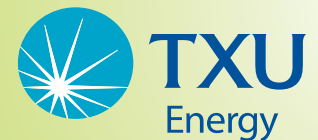
 Indicates images that were purchased through www.rhizomeimages.com who have donated 11 trees on behalf of TXU Energy to an American Forests ReLeaf program. Purchased images also allow 90% of the sale to go directly to the artist. Photography by Robert J. Pennington. (Icon is © Rhizome Images)

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POSITIVELY IMPACTING THE COMMUNITIES WHERE WE LIVE AND WORK

Energy Efficiency & Conservation
Products & Services
Energy-Saving Tips





THINK DIFFERENTLY

We're changing the way we impact the environment, the community and you – **from the ground up.** That's why more customers choose us than any other retail electric provider in Texas.

TXU Energy Solar AcademySM

TXU Energy is the sponsor of the National Energy Education Development (NEED) Project's solar energy education program – TXU Energy Solar AcademySM, which helps local schools bring solar technology and energy lessons to the classroom. TXU Energy and NEED will educate more than 36,000 students on renewable energy through science, geography and math. Approximately 40 school districts will receive a free 1-kW solar array that will be Web-based and show real-time data on how much electricity is being generated. Classrooms will receive hands-on energy experiments and TEKS tested curriculum from NEED.

Committed to Community Growth

Continuing our legacy of environmental stewardship, TXU Energy has developed a signature program, *Committed to Community Growth*, to provide trees statewide to neighborhood associations, schools, nonprofit organizations and municipalities to improve and beautify local public spaces. TXU Energy collaborates with long-time community partner, Texas Trees Foundation. Together we maintain the TXU Energy Urban Tree Farm, the largest nonprofit urban tree farm in the nation.

Renewable Energy

As of April 2008, Texas continues to lead the states in terms of both total installed wind power capacity and the amount of new wind power capacity that was installed last year. Global Wind Energy Council has rated the state of Texas as the best region in the United States to install wind turbines. The council's report states that the Lone Star State now has 4,356 MW of wind power capacity, almost twice that of California's 2,439 MW, the nearest U.S. rival in wind power.

TXU Energy has the broadest selection of electricity plans to meet your individual needs, including renewable energy plans that let you do something for the Texas environment, without paying more to do it.

For more information on TXU Energy's plans available in your area, visit txu.com.



ACT DIFFERENTLY

TXU Energy offers a variety of ways for customers to use less energy and save money on their monthly electricity bills.

Some of the tools we offer are:

ENERGY EFFICIENCY & CONSERVATION

TXU Energy is committed to bringing new products and services to its customers to help them better manage and reduce their electricity consumption. In addition to these products and services, TXU Energy is significantly expanding its energy-efficiency and demand reduction programs, funded by a \$100 million investment in demand side management initiatives.

TXU Energy Power Monitor™: The TXU Energy Power Monitor™ takes the guesswork out of energy use. It allows customers to track estimated energy costs at any given point in time – daily, monthly or at the end of your billing month. It also enables customers to get month-to-date consumption and even information from past months.

TXU Energy Authorized Dealer NetworkSM (ADN): The TXU Energy Authorized Dealer Network helps consumers locate dependable, high-quality dealers that service, sell and install air-conditioning and heating equipment, insulation and energy-efficient windows. Along with receiving energy-efficiency advice and information, customers may also be eligible to receive rebates on their TXU Energy bill for qualified installations of energy-efficiency measures.

TXU Energy Home Energy Advisor: TXU Energy offers a free online energy audit where customers can enter basic information about their home and immediately receive customized energy-saving ideas and the resulting estimated savings.

Compact Fluorescent Light Bulbs (CFLs): Last year, TXU Energy partnered with GE to provide \$2.00 coupons for energy-efficient CFLs in more than 20 newspapers across the state, leading to almost 16,000 bulbs being placed in the hands of Texans. This year, TXU Energy will distribute tens of thousands of CFL bulbs and Light Emitting Diode (LED) nightlights through community events and programs annually.

Visit txu.com/saveenergy for more ways to save and for more information on the products and services above.

THE POWER TO SAVE ENERGY IS IN YOUR HANDS.

HOME ENERGY-SAVING TIPS

FILTERS Check your filters monthly. Clean or replace if dirty.

WEATHERIZATION/CAULK AIR LEAKS AND INSULATE Sealing air leaks with caulking and weatherstripping and installing adequate insulation in the attic are some of the most cost effective savings measures you can do in your home.

SYSTEM CHANGEOUT If the cooling unit is more than 10 years old and needs major repairs, it is usually more cost-effective to replace with a new unit than to repair the old one. Minor repairs to older units and major repairs to newer units are usually more cost effective than replacing them.

POOLS Avoid running pool pump constantly. Eight hours a day should be sufficient. An automatic timer on your pool pump makes this convenient and helps to keep the costs down.

DAMPERS If you have a fireplace, keep the damper tightly closed when not in use. A glass fireplace screen can help minimize the loss of air from indoors.

SEER Air-conditioning units with a higher SEER (Seasonal Energy-Efficiency Ratio) will save you money over the life of the unit. We recommend an ENERGY STAR® rated system. (SEER of 14.0 or greater and an EER of 11.5 or greater.)

OUTSIDE VENTS If a room air-conditioner has a fresh air intake, or exhaust vent, keep the vent closed when not in use.

BLINDS OR DRAPERIES During the summer, keep blinds or draperies closed to keep the heat out. During the winter, keep the blinds or draperies open on sunny days to warm the room. This is especially important on any windows or glass doors receiving direct sunlight.

LET OUT HOT AIR Open the upper vents in your attic to let out warm air, and make sure any lower (soffit) vents are not blocked.

KEEP DOORS CLOSED Shut the door or at least try to minimize the number of times that doors to the outside are opened and closed. Each time you open the door, outside air enters the house.

CEILING FANS Ceiling fans spread air more evenly throughout the room. The fan direction should be DOWN for summers and UP for winters. Fans should be turned off when you are not present in the room.

OUTLETS Electric outlets allow outdoor air into the house. Remove the outlet covers and insert special foam insulation underneath.

THERMOSTAT ENERGY-SAVING TIPS

TEMPERATURE SETTINGS During the summer, set the thermostat at 78° F or higher, and in the winter, set the thermostat at 70° F or lower. Consider adjusting the thermostat higher or lower when you are not going to be at home. Portable fans and heaters can help you feel comfortable at these recommended settings. Turn the HVAC unit off when you go on vacation.

THERMOSTAT CHECK Check the accuracy of the thermostat by placing a thermometer next to the thermostat and compare the readings for room temperature. You may be heating or cooling your home more than you think.

PROGRAMMABLE THERMOSTAT A programmable thermostat allows you to automatically raise or lower the temperature when no one is home, as well as overnight. You could save as much as 20% on your cooling costs.

THERMOSTAT SETTINGS For energy savings set the fan switch on a central system or room air-conditioner on "automatic" instead of "on" or "continuous."



LIGHTING ENERGY-SAVING TIPS

COMPACT FLUORESCENT LIGHT BULBS CFLs are up to four times more efficient than incandescent bulbs and last up to eight times longer. Replacing incandescent bulbs with CFLs as they burn out is cost and energy efficient.

TURN THE LIGHTS OFF Turn the lights off every time you leave a room.

KEEP FIXTURES AND BULBS CLEAN Dirt can absorb as much as 50% of the light.

APPLIANCE

ENERGY-SAVING TIPS

COMPUTERS Turn off your computer and monitor when you're not using them. If your computer has a 'sleep' mode, make sure that this feature is enabled. With this feature active, the computer will automatically convert to a low energy mode when not in use, cutting energy usage to less than half.

MICROWAVES/GRILLS Use microwaves, crockpots or outdoor grills to cook when possible. Microwaves use significantly less energy and don't heat up the house like ovens.

COOKING Thaw foods completely before cooking. If you have time, thaw foods in the refrigerator. It takes longer, but you are saving energy in your refrigerator. If you are really pressed for time, it is more efficient to thaw foods in the microwave than in the oven.

ENERGY LABELS Review the ENERGY GUIDE label when buying or replacing larger appliances such as refrigerators, freezers, washers and dryers. ENERGY STAR® devices use less energy and save money.



REFRIGERATION

Refrigerators and freezers operate most efficiently when full, but not overloaded, and in the event of a power outage foods will stay cold longer.

Keep your refrigerator out of direct sunlight and in as cool a location as possible. Keep away from oven, stoves and water heaters.

Allow leftovers to cool before putting in the refrigerator. Allow at least one inch of space on each side of the refrigerator for good circulation. Poor circulation can increase energy consumption for the refrigerator up to 10%.

Vacuum behind your refrigerator at least once a year, making sure to remove dirt and dust from the coils. Dust build-up not only increases energy use, but it can cause the unit to break down.

An older second refrigerator consumes a significant amount of energy: it could be costing you up to \$200 per year! Perhaps you can get all your food into one refrigerator and turn the other off permanently. Alternatively, if you only need the second unit on certain occasions, you can pull the plug and then plug it back in only when you need it; this won't hurt the refrigerator and can result in significant savings.