



State Energy Conservation Office (SECO)
Municipally Owned Utility (MOU) or Electric Cooperative (Co-op)
SB-924 Energy Efficiency Report
Data Entry Form

MOU or Co-op: TRI-COUNTY Electric Cooperative, Inc.
 County: See attached document (Counties Served)
 Contact: David R. Kliment
 Contact Title: Manager of member Services
 Address: 600 N W Parkway
 City: Azle
 Zip: TX
 Phone: 817-444-3201 or 1-800-367-8232
 Fax: 817-444-3542
 E-mail Address: Dkliment@TCECTEXAS.COM

1) Is your MOU or Co-op hereby reporting on energy efficiency as required by SB-924, PURA Sections 39.9051 and 39.9052?

Yes No

2) Energy Efficiency Goals: Please tell us about the goals that your MOU or Co-op has related to energy efficiency:

Instructions: Provide a brief description of your MOU or Co-op's energy efficiency goals for the previous calendar year. Examples may include information about energy efficiency for MOU or Co-op customers or utility facilities. Supplemental information may be provided at your option on any long-term energy efficiency goals that your MOU or Co-op might have. Please use a separate sheet of paper if you need more space.

See attached information (TRI-COUNTY Electric Cooperative Energy Efficiency Rebate Program Year 2012)

3) Your MOU or Co-op's Energy Efficiency Programs:

Instructions: Input information as applicable; add fields as necessary. For the previous calendar year, please list energy efficiency programs and provide applicable estimated achieved savings – energy and/or demand, or other program performance metric (for example participation.) Add additional lines as needed.

Energy Efficiency Program	Estimated Energy Savings or	Estimated Demand Savings or	Other Program Performance Metric
See attached TRI-COUNTY EC – EERP Measure Summary Year Ending Dec 31, 2012			
Totals	1,931,577	502	

4) Program Materials / Additional Information

Instructions: Public information about your energy efficiency programs (brochures, website information, etc.) may be attached and provided with this form.

5) Please submit this form to SECO at: SB924.Reporting@cpa.state.tx.us

<p style="text-align: center;">TRI-COUNTY ELECTRIC COOPERATIVE, INC. Tariff for Electric Service</p>	<p style="text-align: center;">Section I</p>	<p style="text-align: center;">Page 1</p>
<p><u>SECTION TITLE:</u></p> <p style="text-align: center;">UTILITY OPERATIONS</p> <p>APPLICABLE TO ALL AREAS</p>	<p><u>EFFECTIVE DATE:</u></p> <p style="text-align: center;">July 15, 2002</p>	

I
UTILITY OPERATIONS

101. Description of Electric Utility Operations.

101.1 Organization. Tri-County Electric Cooperative, Inc. is an electric cooperative corporation organized and operating under the Electric Cooperative Corporation Act (art. 1528b, V.A.C.S.) and the laws of the State of Texas and is owned by its members. The Cooperative's business affairs are managed by a board of directors who are elected to the board from and by the Cooperative's Customers in accordance with the provisions of the bylaws.

101.2 Type of Service. The Cooperative provides electric utility service through the operation of a retail electric distribution system. The Cooperative does not engage in the generation of electric power, but instead purchases all of its electric energy requirements from Brazos Electric Power Cooperative, Inc.

101.3 Service Area.

A. Certification. The Public Utility Commission of Texas authorized the Cooperative to provide electric utility service by the issuance of a Certificate of Convenience and Necessity.

B. Counties. The service area of the Cooperative includes all or portions of the following counties:

TRI-COUNTY ELECTRIC COOPERATIVE, INC. Tariff for Electric Service	Section I	Page 2
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Archer	Baylor	Denton	Foard	Haskell
Hood	Jack	King	Knox	Palo Pinto
Parker	Stonewall	Tarrant	Throckmorton	
Wise	Wilbarger			

C. Cities. The service area of the cooperative includes all or portions of the following incorporated municipalities:

Aledo	Annetta	Azle	Colleyville
Fort Worth	Granbury	Grapevine	Haltom City
Haslet	Hudson Oaks	Keller	Lipan
Marshall Creek	Megargel	Newark	North Richland Hills
Pelican Bay	Reno	Roanoke	Sanctuary
Seymour	Southlake	Springtown	Watauga
Weatherford	Westlake	Willow Park	TrophyClub

102 Purpose and Scope of Tariffs. These tariffs define the service relationships between the Cooperative and persons desiring or receiving electric utility service from the Cooperative.

103 Applicability of Tariffs. These tariffs govern the provision of all electric utility service by the Cooperative in all areas in which the Cooperative provides service except as may be precluded by law. These tariffs supersede and annul all prior tariffs including service rules and regulations by whatever term designated which may heretofore have governed the supplying and taking of Cooperative's electric service.

<p style="text-align: center;">TRI-COUNTY ELECTRIC COOPERATIVE, INC. Tariff for Electric Service</p>	<p style="text-align: center;">Section I</p>	<p style="text-align: center;">Page 3</p>
<p><u>SECTION TITLE:</u></p> <p style="text-align: center;">UTILITY OPERATIONS</p> <p>APPLICABLE TO ALL AREAS</p>	<p><u>EFFECTIVE DATE:</u></p> <p style="text-align: center;">July 15, 2002</p>	

- 104 Severability. If any provision of this tariff is held invalid, such invalidity shall not affect other provisions or applications of this tariff which can be given effect without the invalid provision or application, and to this end the provisions of these tariffs are declared to be severable.
- 105 Modification of Tariffs. This tariff may be changed, modified, or abrogated in whole or in part by any regulatory authority having jurisdiction to do so, whether or not at the request of the Cooperative, a Customer, or otherwise. Any changed tariff shall be applicable to service provided from and after the effective date of such change. This tariff may be changed by the Cooperative's Board of Directors to the extent Texas law does not require approval of changes by a regulatory authority.
- 106 No Waiver. The failure of the Cooperative to enforce any of the provisions of this tariff shall not be considered a waiver of its right to do so.

Brazos Electric Power Cooperative, Inc.
Energy Efficiency Rebate Program
2011-2012

Purpose

Brazos Electric's Energy Efficiency Rebate Program ("EERP") is designed to encourage member cooperatives ("Members") to promote cost effective energy efficiency measures that will reduce wholesale power costs and support a Member's individual energy innovation¹ goals. Brazos Electric's EERP is a program to reward energy efficient practices by paying incentive rebates to participating Members when retail members install more efficient lighting, HVAC, insulation and other various qualifying equipment that reduces energy consumption.

Introduction

After reviewing an independent consultant's recommendation of energy efficiency programs in January 2009, the Members reached consensus on trying to develop an EERP with an assortment of energy efficiency measures and programs. In June 2009, the Brazos Electric Board of Directors approved implementation of the EERP with a September 2009 start date.

Some of the identified benefits and program assumptions of the EERP are as follows:

1. Provide the Members with cost effective energy efficiency programs for use by their respective retail members.
2. Brazos Electric to document the program design, develop forms, and provide education of available programs for Members.
3. A Member may select from the approved list of cost effective energy efficiency programs included in the EERP that the Member wants to offer and market to its retail members.
4. Currently include only those programs that have a positive benefit/cost ratio as determined by independent consultant's analysis of specific measures included in its study.
5. Limit the administrative costs of the programs and maximize the incentives to the end-use retail member that participates in the energy efficiency program.
6. Members able to choose eligible programs they prefer to include in their respective member services program.
7. A rebate program is easier to administer at the G&T level resulting in lower costs with a larger percentage of funds available for incentive rebates.
8. Centralized measurement, verification and incentive rebate processing.
9. Potential for economies of scale purchasing.
10. Incentive rebates and administrative costs limited to the allocated EERP annual budget for each Member based on the Member's previous year's MWh sales multiplied by the applicable surcharge rate.

¹ NRECA's adoption of resolution 09-f-1, Wise and Innovative Energy Use, details energy innovation as a four-legged platform consisting of conservation, energy efficiency, demand response and distributed resources.

Eligible Energy Efficiency Programs

Below is a list of the energy efficiency measures that have been approved for the Brazos Electric EERP for 2011 and 2012. The incentive levels developed by the independent consultant in its Energy Efficiency Study were based on a 30% reimbursement of the incremental cost of the energy efficient measure.

COMPACT FLUORESCENT LIGHTING (“CFL”)

Compact Fluorescent Lighting: Residential fluorescent bulbs and fixtures present a significant opportunity for energy and maintenance savings. On a per lamp basis, compact fluorescent lamps are generally 75 percent more efficient than incandescent bulbs and last up to ten times longer. In addition, CFL bulbs produce about 75 percent less heat, so they are safer to operate and can cut energy costs associated with home cooling. CFL bulbs vary in size and shape. Their appearance can be a spiral-shaped fluorescent tube or they can appear as a standard shape, such as the R-30 floodlight used in recessed cans. Dimmable CFL bulbs and 3-way CFL bulbs are also eligible.

HOME ENERGY AUDIT

All incentive rebates for the Home Energy Audit (excluding the HVAC Tune-up) will only apply for those homes that have **residential electric water heating only**. The eligible energy efficiency measures are: Low Flow Showerhead, Low Flow Faucet Aerators, Water Heater Blanket and Pipe Wrap. While Brazos Electric has no specific information or knowledge on this issue, some have raised a concern that some manufacturers may consider the use of a water heater blanket to void the warranty for the hot water heater.

Low Flow Showerheads: An existing showerhead is replaced with a new unit that has a low-flow rate (less than 2.0 gallons/minute). Significant savings in hot water use can be achieved by installing low-flow showerheads and faucets. The single best action is to replace old showerheads as showers use 37% of the hot water in typical U.S. homes. Members should procure and install the replacement showerheads in the home. Retired showerheads should be removed and retained by the Member.

Low Flow Faucet Aerators: An existing faucet is replaced with a new unit that has a low-flow rate (less than 1.5 gallons/minute in bathrooms and less than 2.2 gallons/minute in kitchens). Members should procure and install the replacement aerators in the home.

Water Heater Blanket: Water heater blankets are designed to wrap around an existing water heater tank to improve insulation, prevent heat loss, and save energy. Installing an insulating blanket can reduce standby loss (heat lost through the walls of the tank) by as much as 25-40%. Members should procure and install the water heater blanket.

Pipe Wrap: Insulating hot water pipes will reduce losses as the hot water is flowing to the faucet and, more importantly, it will reduce standby losses when the tap is turned off and then back on within an hour or so. Pipe wrap will conserve energy and water that would normally be lost waiting for the hot water to reach the tap. Energy loss still occurs after pipe wrap has been installed, though to a smaller degree than the losses observed in non-insulated pipes. Members should procure and install the pipe wrap on all exposed and accessible hot water lines.

HVAC Tune-Up: HVAC tune-up and maintenance helps to keep heat pump and central air conditioning units running at top efficiency, prevent equipment failures, and extend the life of the equipment. A tune-up by a service professional can improve unit efficiency by as much as 20%. An annual HVAC tune up includes: checking and correcting the unit's refrigerant pressure and tubing, checking and adjusting belt tension, cleaning and lubricating the indoor blower unit, replacing filters, cleaning inside the "A" coil, and checking the thermostat, wiring, and other electric parts. A receipt from a qualified contractor stating that the above work was completed should be provided to the Member.

ENERGY STAR RATED NEW HOME CONSTRUCTION

Energy Efficient New Homes Construction (Energy Star Home Rating - 15% more efficient): New homes are designed to be built to Energy Star standards: at least 15 percent more energy efficient than those built to the **2004** International Residential Code ("IRC").

Savings are based on heating, cooling, and hot water energy use and are typically achieved through a combination of the following: high performance windows, controlled air infiltration, upgraded heating and air conditioning systems, tight duct systems, high efficiency water heating equipment, and high efficiency building envelope standards. Energy Star homes also encourage the use of energy-efficient lighting and appliances. These features contribute to improved home quality and homeowner comfort, and to lower energy demand and reduced air pollution. The Member should receive the Energy Star Certificate for the new home for the program. Members can submit a RRR to Brazos Electric for the incentive rebate for the Energy Star New Home Construction program after receipt of verification that the new home meets the standards set forth above for residential retail member's served by the Member.

CEILING INSULATION (SPACE HEATING & COOLING)

Ceiling Insulation: Ceiling insulation levels vary greatly depending on the age of the home, type of insulation, and activity in the attic (*i.e.*, using the attic for storage and HVAC equipment). To be eligible for this rebate, the existing insulation must be less than or equal to R8 (3.75 inches of insulation or less) and must be improved to R38 or greater (approximately 17 inches or greater of insulation). Incentive rebates for this program are limited to ceiling insulation upgrades for single family homes and not for mobile homes; further, the upgrades only apply to electric air conditioners with electric resistance heating and cannot be used in situations where a heat pump is installed as a primary heating source. Members can submit a RRR to Brazos Electric for the incentive rebate for the Ceiling Insulation program after the Member determines that the installation was completed at the retail member's residence in accordance with the preceding requirements.

HIGH EFFICIENCY ELECTRIC HEAT PUMP (SPACE HEATING & COOLING)

High Efficiency Electric Heat Pumps: Electric heat pumps operate by transferring heat from one place to another. In the heating mode, a heat pump extracts heat from outside a residence and delivers it to the house. Like a furnace, most heat pumps work with forced warm-air delivery systems. Heat pumps can also be operated to cool a house during summer months. In the cooling

mode, the cycle is reversed and heat is taken from the house and transferred to the outside air. Because heat pumps rely on the outside air as the heat source in the wintertime, they are much more common in warmer climates.

Heat pumps are rated for both heating and cooling – both in terms of capacity and efficiency. Heating efficiency is indicated by the heating season performance factor (“HSPF”). Cooling efficiency is indicated by the seasonal energy efficiency rating (“SEER”). Both indicate the relative amount of energy needed to provide a specific heating or cooling output. New residential heat pump standards went into effect in January 2006. Heat pumps manufactured after January 2006 must achieve a HSPF of 7.7 and a SEER of 13 or higher.

14 SEER High Efficiency Electric Heat Pumps: For this program, the baseline replacement model has a HSPF of 7.7 and a SEER of 13. The 14 SEER High Efficiency Heat Pump has a HSPF of 8.2 and a SEER of 14.

15 SEER High Efficiency Heat Pumps: For this program, the baseline replacement model remains at HSPF 7.7 and SEER 13. The 15 SEER High Efficiency Heat Pump has a HSPF of 9.0 and a SEER of 15.

The incentive rebates for this program apply for replacement of existing HVAC equipment at any residential home (including mobile homes) and new home construction. The retail member must obtain a receipt with the Air-Conditioning Heating and Refrigeration Institute (“AHRI”) designation of the qualifying installation from the retail member’s contractor to present to the Member for verification purposes. This incentive rebate is not applicable for homes that use natural gas, propane or other fossil fuel for heating.

The incentive rebates for this program are as follows: (1) the 14 SEER rebate is applicable to any unit purchased and installed with (a) a SEER equal to or greater than 14 but less than 15, and (b) a HSPF equal to or greater than 8.2; and (2) the 15 SEER rebate is applicable to any unit purchased and installed with (a) a SEER equal to or greater than 15, and (b) a HSPF equal to or greater than 9.0. Members can submit a RRR to Brazos Electric for the incentive rebate for the High Efficiency Heat Pumps program after the Member determines that the installation was completed at the retail member’s residence in accordance with the preceding requirements.

ENERGY STAR ROOM AIR CONDITIONERS

Energy Star Room Air Conditioners: Room air conditioner units are typically mounted in a window so that part of the unit is outside and part is inside. An insulated divider to reduce heat transfer losses typically separates the two sides. The outdoor portion generally includes a compressor, condenser, condenser fan, fan motor, and capillary tube. The indoor portion generally includes an evaporator and evaporator fan. The minimum federal standard used in this analysis (based on model type and capacity) is an Energy Efficiency Ratio (EER) of at least 9.8. Currently, units with an EER of 10.8 are eligible for the ENERGY STAR® label. This analysis assumed a room air conditioner cooling capacity of 8,000 Btu/hr and 1,926 full-load cooling hours (Dallas climate zone).

ENERGY STAR DISHWASHER (Electric Water heating Only)

Energy Star Dishwasher: Dishwashers exceeding minimum qualifying efficiency standards established under Energy Star Program with an Energy Factor (EF) $\geq .65$ (versus the current federal standard energy factor $\leq .46$). Energy Star labeled dishwashers save energy by using both improved technology for the primary wash cycle, and by using less hot water to clean. Construction includes more effective washing action, energy efficient motors and other advanced technology such as sensors that determine the length of the wash cycle and the temperature of the water necessary to clean the dishes. In addition, a high efficiency dishwasher can save approximately 635 gallons of water a year if used to run an average of 4 loads per week. This measure is limited to homes having electric water heating and dishwashers.

HIGH EFFICIENCY WATER HEATER

High Efficiency Water Heater (stand-alone): In this measure, baseline replacement stand alone electric water heaters are replaced with high efficiency stand alone storage tank water heaters. Storage water heaters work by heating up water in an insulated tank. However, because heat is lost through the walls of the storage tank, energy is consumed even when no hot water is being used. New high-efficiency storage water heaters contain higher levels of insulation around the tank, reducing standby losses. In this analysis a baseline replacement model (EF=.90) is replaced with a high efficiency model (EF=.94). This measure applies to homes operating primarily electric heating systems and electric water heaters. (Note: Does not apply to electric tankless water heaters.)

COMMERCIAL LIGHTING (T-8 BULB REPLACEMENT)

T-8 Commercial Bulb Replacement: A variety of high efficiency fixtures, ballasts and lamps exist in the market today, producing the same amount of lumens, while consuming less electricity. Deemed lighting savings are mature components of utility-sponsored demand-side management offerings around the country. This measure considers BULB REPLACEMENT only, not replacement of fixtures or ballasts.

Numerous commercial and industrial buildings already have T8 bulbs and ballasts, but are looking for a low-cost way to save energy. Standard T8 bulbs typically sold as 32 watt bulbs, but can be replaced with 28 watt or 25 watt bulbs to save energy immediately. Utilities that are currently running these programs offer a \$1.00 incentive to change out to a 28 watt bulb and a \$1.50 incentive for a 25 watt bulb.

COMMERCIAL LIGHTING (FIXTURE UPGRADES)

A variety of high efficiency fixtures, ballasts and lamps exist in the market today producing the same amount of lumens while consuming less electricity. Deemed lighting savings are mature components of utility sponsored demand-side management offerings around the country.

Many different types of energy efficient fixtures exist today. The Commercial Lighting Fixture Upgrade program measures the difference between the original fixture and the new fixture in base wattage. Incentive rebates are calculated based on this difference. Due to the many potential variations of fixture upgrades for lighting, this program does not specifically designate the eligible

incentive rebate for a particular fixture types. Rather, the incentive rebate is calculated using the savings in base wattage comparison between the original and new fixture.

The Member should work with its commercial retail member to perform a detailed pre- and post-audit to verify base wattage differences and upgrade verification. Members can submit a RRR to Brazos Electric for the incentive rebate for the Commercial Lighting Fixture Upgrade program after the Member determines that the installation was completed at the commercial member's location in accordance with the preceding requirements.

A non-exclusive list of potential upgrade items are listed below:

Super T8 Fixture - from 34W T12; from standard T8: High-Performance or Super T8 lamp/ballast systems have higher lumens per watt than standard T8 systems. This results in lamp/ballast systems that produce equal or greater light than standard T8 systems, while using fewer watts. When used in a high-bay application, high-performance T8 fixtures can provide equal light to high intensity discharge high-bay fixtures, while using fewer watts.

T5 Fluorescent High-Bay Fixtures; Troffer/Wrap; Industrial Strip; Indirect: A T5 high-bay fixture has a fixture efficiency of over 91%, while a metal-halide fixture has a fixture efficiency of approximately 70%. By using a more efficient fixture, a space can be lit with fewer watts or fixtures. Typically, a 4-lamp F54T5HO system using 240 watts will provide as much light on a target surface as a standard 400 watt metal-halide fixture using 455 watts.

Induction Fluorescent 23W: Inductive fluorescent lamps are white light sources with very good color rendering and color temperature properties. These lamps are energy efficient and offer extremely long life (over 100,000 hours), good lumen maintenance characteristics, and instant-on capability. The lamp enclosure is called a "vessel" that varies in shapes and is coated on the inside with phosphor. Dimming capability is already available in Europe and will be available in the near future in the United States. They are powered by a small generator (about the size of a fluorescent ballast) attached to the lamp via a short fixed-length cable. The generator induces a current in the lamp which causes it to glow (there are no electrodes to wear out). The larger, diffuse nature of these sources makes them excellent for lighting larger volumes and surfaces. They are often used in place of low- to medium-wattage high intensity discharge sources because of the instant-on capability and reduced maintenance associated with the longer lamp life. This lamp source has promising application for indoor and outdoor lighting applications.

Exterior High Intensity Discharge: Exterior metal halide ("MH") or high-pressure sodium ("HPS") high intensity discharge fixtures less than or equal to 100 watts. Assumes an efficient high intensity discharge 90 W bulb replaces a baseline quartz halogen 200 W bulb.

Electronic High Intensity Discharge Fixture Upgrade: This measure assumes that a 320 W Pulse Start Metal Halide (MH) high intensity discharge light fixture replaces a standard 400 W high intensity discharge fixture.

Halogen Infra-Red Bulb: A new development in halogen technology is the advent of Infra-Red bulbs. Available only in PAR30, PAR38, and MR16 type bulbs, it is used for spot-lighting, often in museums, retail establishments, and restaurants. The technology generally offers around 20% energy-savings, and longer lamp life.

Metal Halide Track: A metal-halide track head produces equal or more light as compared to halogen track head(s), while using fewer watts. Typically, a 39 watt PAR20 metal-halide track head using 43 watts can be used in place of three 50 watt halogen PAR20 track heads.

Integrated Ballast MH 25W: Integrated ballast 25W Par 38 metal halide lamps are three times more efficient than the Par 38 halogen lamps that they replace. Light output is comparable and the 10,500 hour life of the metal halide lamps is up to three times longer than standard halogens. Very good color rendering of 87 and a crisp white light (3000K) make this a good replacement lamp for general, ambient or accent lighting. The integrated ballast allows for an easy upgrade from a halogen Par 38. Due to the high pressure and operating temperature of metal halide lamps, there are some safety considerations concerning these efficient lamps.

Lighting Power Density: Efficient lighting with a reduced wattage compared to the baseline, other than controls. This methodology is generally applied to commercial new construction and remodel or renovation of existing buildings, including both facilities that are and are not subject to Act 250 review.

LED Exit Sign: Exit signs illuminated with light emitting diodes (“LEDs”).

Traffic Signal Upgrades: Traffic signals illuminated with LEDs save energy over the traditional light bulb traffic signals. Several utilities across the country have initiated programs for this type of upgrade.

LED Freezer/Display Lighting: Replacing standard bulbs in freezer display departments with LEDs allows both energy savings from light and heat. Further, several studies indicate that LED lighting in freezer sections actually provide better lighting colors for consumers.



TRI-COUNTY
Electric Cooperative, Inc.

"A commitment to service and savings."



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Energy Audits and Energy Efficiency Rebates

Tri-County Electric Cooperative, Inc. offers its members free home energy audits to help you keep your electric bills down and improve the energy efficiency of your residence all year round.

Here's what we do:

We will come to your home and evaluate and discuss with you your energy usage and electric bills as well as evaluate the energy efficiency ratings of your major appliances, your heating and cooling systems, your lighting systems, and your water heating units and windows.

We will offer suggestions on the cost-benefit of replacing your existing systems and offer you recommendations on how to conserve energy. We even offer rebates to members who improve the energy efficiency of their home.



[\(click here\)](#) for Applications for Energy Efficiency Rebates.

[\(click here\)](#) for Application for Water Heater Rebate



Remember, small air leaks around your home can add up to bigger electric bills during the summer and winter months!

For more information call your District Office ([click here](#) for District Office Locations and Phone Numbers) or email us at customer_service@tcectexas.com.

Central Headquarters Office (817) 444-3201

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TRI-COUNTY

Electric Cooperative, Inc.

"A Commitment to Service and Savings"

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Southwest District Office / 1623 Weatherford Hwy. / Granbury, Tx 76048 / Ph:(817)279-7010 / Fax # (817)279-7012
Northeast District Office / 4900 Keller Hicks Rd. / Fort Worth, Tx 76244 / Ph:(817)431-1541 / Fax # (817)431-9680
B-K District Office / 419 N. Main, P O Box Drawer 672 / Seymour, Tx 76380 / Ph: (940)888-3441 / Fax # (940)888-3820

Energy Efficiency Rebate Program Application for Rebate Payment

Program Amended January 1, 2011

Rebate payments are subject to suspension in the event that funds budgeted for the program are consumed.

HOME ENERGY AUDIT

Date: _____

Electric Service Account Number: _____ Ph: _____

Customer Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Compact Fluorescent Lighting

Replace existing incandescent bulbs with compact fluorescent lighting.

Qualified Rebate: \$1.25 per bulb. Attach Purchase Receipt for CFL bulbs to application for rebate.

Low Flow Shower Heads

Replace existing shower head with a new one having a flow rate under 2 gallons per minute.

Qualified Rebate: \$20.00 per shower head, electric water heating only. Attach Purchase Receipt for Shower Head to application for rebate.

Low Flow Faucet Aerators

Replace an existing faucet with a unit that has a low-flow rate of 1.5 gallons per minute in bathrooms and less than 2.2 gallons per minute in kitchens.

Qualified Rebate: \$5.00 per faucet, electric water heating only. Attach Purchase Receipt for Faucet Aerators to application for rebate.

Water Heater Blanket

Install an insulating blanket on your existing electric water heater.

Qualified Rebate: \$15.00 per electric water heater. Attach Purchase Receipt for Insulating Blanket to application for rebate.

Pipe Wrap

Insulate all exposed hot water pipes to reduce heat loss.

Qualified Rebate: \$10.00 per electric water heater. Attach Purchase Receipt for Pipe Wrap Insulation to application for rebate.

Heating and Air Conditioning Tune-Up

A HVAC tune-up includes checking and correcting the unit's refrigerant charge, repairing leaks if required, cleaning and lubricating the blower unit, inspecting and cleaning of refrigerant coils, replacing filters, thermostat inspection, wiring inspection and duct work inspection.

Qualified Rebate: \$100.00 per unit, one HVAC Tune-up allowed for each Member's applicable delivery point.

Attach a legible copy of the invoice from a licensed HVAC contractor to application for rebate.



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Energy Efficiency Rebate Program

Application for Rebate Payment

Rebate payments are subject to suspension in the event that funds budgeted for the program are consumed.

RESIDENTIAL NEW HOME CONSTRUCTION

Date: _____

Electric Service Account Number: _____ Ph: _____

Customer Name: _____

Address: _____ City: _____ State: _____ Zip: _____

ENERGY STAR RATED NEW HOME CONSTRUCTION

New homes earning an Energy Star Certificate are at least 15% more efficient than those built to the 2004 International Residential Code ("IRC"). Energy Star homes encourage the use of energy efficient lighting, appliances, high performance windows, controlled air infiltration, upgraded heating and air conditioning systems, tight duct work, high efficiency water heating and high efficiency building envelope standards.

Qualified Rebate: \$500.00, Energy Star certification certificate must be provided by builder for the residence applying for the rebate. Copy of certificate must be attached to application for rebate.



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Energy Efficiency Rebate Program

Application for Rebate Payment

Rebate payments are subject to suspension in the event that funds budgeted for the program are consumed.

CEILING INSULATION

Date: _____

Electric Service Account Number: _____ Ph: _____

Customer Name: _____

Address: _____ City: _____ State: _____ Zip: _____

CEILING INSULATION UPGRADE

This rebate is available to members living in conventional single family homes using electric air conditioning and resistance electric heat. Homes with R-8 insulation or less must increase insulation to a minimum of R-38 to qualify for the rebate. A receipt from the contractor performing the upgrade must document existing insulation R-Value prior to upgrade and the resulting R-Value after the upgrade.

Qualified Rebate: \$275.00, per residence. A copy of the contractors invoice must be attached to the application for rebate.



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Northeast District Office / 4900 Keller Hicks Rd. / Fort Worth, Tx 76244 / Ph:(817)431-1541 / Fax # (817)431-9680
B-K District Office / 419 N. Main, P O Box Drawer 672 / Seymour, Tx 76380 / Ph: (940)888-3441 / Fax # (940)888-3820

Energy Efficiency Rebate Program

Application for Rebate Payment

Rebate payments are subject to suspension in the event that funds budgeted for the program are consumed.

HEAT PUMP INSTALLATION

Date: _____

Electric Service Account Number: _____ Ph: _____

Customer Name: _____

Address: _____ City: _____ State: _____ Zip: _____

HIGH EFFICIENCY ELECTRIC HEAT PUMP

On January 1, 2006, heat pump manufacturers were required to achieve a minimum performance of 13 SEER for cooling and 7.7 HSPF for heating to market equipment inside the United States. Members are encouraged to purchase equipment with better performance to reduce kW demand and energy consumption. Members requesting a rebate must provide a purchase receipt from a licensed HVAC contractor showing the brand name and model numbers of the equipment installed. The equipment efficiency will be certified by the Air-Conditioning Heating and Refrigeration Institute, (ARI) and a copy of the certification must accompany the sales receipt.

14 SEER Heat Pump, Qualified Rebate: \$100.00, A copy of the invoice showing brand name, model numbers of equipment and ARI certification must be attached to application for rebate.

15+ SEER Heat Pump, Qualified Rebate: \$200.00, A copy of the invoice showing brand name, model numbers of equipment and ARI certification must be attached to application for rebate.

ENERGY STAR ROOM AIR CONDITIONERS

Room air conditioners are typically mounted in a window so that part of the unit is outside and part is inside. The unit must be new with a minimum Energy Efficiency Ratio (EER) of 10.8 to qualify for the Energy Star label. To claim this rebate simply complete this form and attach a copy of the purchase receipt. Also include a copy of the Energy Star Certificate showing that the unit performs to the minimum EER. Rebate amount \$30.00.

ENERGY STAR DISHWASHER (Electric Water Heating Only)

New dishwashers exceeding the minimum qualifying efficiency standards established under the Energy Star Program with an Energy Factor (EF) Rating greater than or equal to .65. Energy Star dishwashers save energy by using both improved technology for the primary wash cycle, and by using less hot water to clean. These units include more efficient washing action, energy efficient motors and other advanced technology to reduce hot water and electricity consumption. To claim this rebate simply complete this form and attach a copy of the purchase receipt. Also include a copy of the Energy Star Certificate showing that the unit performs to the minimum .65 EF rating. Rebate amount \$15.00.



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Energy Efficiency Rebate Program

Application for Rebate Payment

Rebate payments are subject to suspension in the event that funds budgeted for the program are consumed.

COMMERCIAL LIGHTING UPGRADE

Date: _____

Electric Service Account Number: _____ Ph: _____

Customer Name: _____

Address: _____ City: _____ State: _____ Zip: _____

COMMERCIAL LIGHTING FIXTURE UPGRADES

A variety of high efficiency fixtures, ballasts and lamps exist in the market today producing the same output of lumens while consuming fewer watts of electricity. Replacing existing lighting with new high efficiency lighting will result in a reduction in the number of watts of electricity needed to operate the lighting.

Qualified Rebate: \$0.20 per watt saved per fixture. Details on existing fixtures, bulbs and ballasts must be included with application for rebate and information on replacement fixtures, bulbs and ballasts. This information will be used to calculate the watts saved per fixture and the number of fixtures being upgraded for each class. This information must be attached with the application for rebate.

COMMERCIAL LIGHTING (T-8 BULB REPLACEMENT Remove 32 Watt Bulb Upgraded to 28 Watt)

Qualified Rebate: \$1.00 per bulb. Details on the existing fixtures and the number of 32 watt bulbs being removed and replaced with 28 watt bulbs must be included with application for rebate. A paid receipt from the contractor performing the upgrade must also be provided and attached to the application for rebate.

COMMERCIAL LIGHTING (T-8 BULB REPLACEMENT Remove 32 Watt Bulb Upgraded to 25 Watt)

Qualified Rebate: \$1.50 per bulb. Details on the existing fixtures and the number of 32 watt bulbs being removed and replaced with 25 watt bulbs must be included with application for rebate. A paid receipt from the contractor performing the upgrade must also be provided and attached to the application for rebate.



TRI-COUNTY Electric Cooperative, Inc.

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The Holidays are over and you have a little free time after paying the bills. Here are a few tips that could add up to substantial savings.

If an electric space heater is used, make sure the wiring is adequate, and inspect the cord for damaged insulation, or signs of overheating. Don't place a portable heater in a high-traffic area and keep it clear of flammables such as curtains, bedding, clothes and furniture. Never use extension cords with electric heaters, and remember that one little 1,500 watt space heater can use over 1,080 kilo-watt-hours of electricity if left running in a un-insulated garage for 30 days.



Now that winter has arrived and along with increased heating bills, your electric cooperative would like to recommend steps to improve both home energy efficiency and safety during the heating season.

8995000001

Energy dollars can pour out of homes through drafty doors, windows, un-insulated attics, walls, floors, and basements while safety risks go unnoticed. A small investment of time now can pay big dividends in keeping your home safe and warm this winter.

Most winterizing steps can pay for themselves relatively quickly with heating bill savings. Weather stripping and caulking are inexpensive and among the simplest, most effective ways to boost efficiency and cut energy costs year round.

As you take steps to winterize your home, you can also inspect for electrical hazards and eliminate electrical fire and shock risks. For example, as you check around outlets and other places where air can leak, also check for overloaded outlets and cover plates that are warm to the touch.

Approximately one-third of all house fires nationwide occur during the cold, home-heating season. Many of these winter fires can be attributed to faulty and improper use and maintenance of heating equipment.

800707137

Before firing up your heating system, make sure furnace and heaters are in good working order, and check ducts, flues and chimneys. Have a professional inspect and service your furnace each fall for safety and efficiency. Regularly clean or replace furnace filters during high winter use. An efficient heating system means greater comfort at lower cost. Keeping heating equipment clean and in good repair will ensure peak efficiency and safety.

- Make sure attics and flooring above unheated spaces, such as crawl space and garage, are appropriately insulated.

- Find air leaks in homes by moistening fingertips and running them around doors or window frames to feel a draft, or hold up a tissue and see if it waves. Check around fixtures that penetrate walls, such as exhaust fans and electrical outlets, and look for gaps near dryer vents, chimneys and plumbing pipes. Seal them all with caulking or weather-stripping.

41810001

- Replace screens with storm windows and doors. Double-paned glass plays an important role in reducing heat loss. Double-pane windows with low-e coating can reduce heating bills by 34 percent in cold climates compared to uncoated, single-pane windows. If you have older or leaky windows that you cannot replace, consider temporary fixes, such as plastic film kits that create the effect of an interior storm window.

- If you are shopping for new windows, glass doors, or skylights, look for the ENERGY STAR. Today's high-efficiency windows are 40 percent more energy efficient than standard, windows and can cut heating and cooling costs by 15 percent.



Money Isn't All You're Saving

- Consider replacing your furnace if it is more than 30 years old. Furnaces that age are usually less than 50 percent energy efficient.

6314500001

- Install an automatic thermostat. An easy-to-install

clock thermostat can automatically raise and lower home temperatures for energy savings day and night.

Don't overlook simple energy-saving steps such as opening curtains to let sunshine warm your home, and closing them at night to keep warmth in, and make sure fireplace dampers are closed when not in use. These are effective energy-saving tips that cost you nothing.

23507001

While you winterize, use this electrical safety checklist:

- Check outlets and make sure they are not overloaded. Have a professional replace worn and outdated circuitry, and add enough outlets for appliances and electronics. Switch plates and outlets that are warm to the touch; frequent circuit breaker trips or blown fuses; dimming lights and shrinking monitors are electrical danger signs that should be inspected immediately by a licensed professional.

- Test your smoke detector batteries. Replace them if they are more than six months old. Make sure to place smoke detectors near bedroom doors and make sure the family is properly instructed on what to do in case of a fire. A safe meeting place outside the home is important so all members can be accounted for.



800665400

- Examine electrical cords for cracks, frays and damaged plugs, and don't run cords under rugs, furniture or behind baseboards.

- Check that light bulbs are the proper wattage for the fixture and securely screwed into the bulb socket. Oversized bulbs generate too much heat and can burn shades, drapes or structural lumber behind the fixture. If you need more light but are using the maximum wattage bulb for the fixture, replace the bulb with a compact fluorescent. You get more light for fewer watts of electricity.

800690961

- Make sure outlets in wet locations such as bathrooms, kitchen laundry and outdoors have ground fault circuit interrupters (GFCIs), and test and reset them monthly. If these outlets do not have GFCIs, have them professionally installed.

- If your home has gas heat, make sure you install a Carbon Monoxide Detector to alert your family before levels have a chance to become threatening. Even if your furnace is brand new a detector is a good investment.



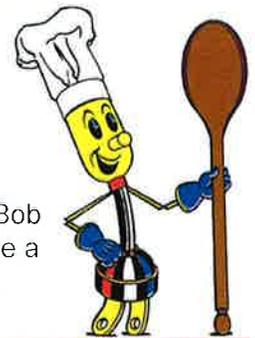
Take the time and make an investment in your home that will improve comfort, safety and operating costs for years to come. If you have a question, feel free to contact your electric cooperative for assistance.

71700002

From The Cooperative Kitchen



This month's recipe was provided by Bob Byrd from Weatherford. He will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Bob's Cream Cheese Dip!

1 - 8oz. Package of Cream Cheese

1 - Small Jar of Chopped Pimientos, Drained

1 - Large Clove of Garlic Minced

1/4 - Teaspoon of Red Wine Vinegar

1/4 - Cup of Evaporated Milk

1/2 - Cup Diced Purple Onion

1 - Dash of Worcestershire Sauce

1/2 - Teaspoon Louisiana Style Tabasco Sauce

3 - Serrano or Jalapeno Peppers Sliced
Remove Stems & Seeds

Combine all the above ingredients and mix with a fork. Do not use a blender or mixer as the chunkiness adds to the character of the dip.

Let the dip sit for 12 hours to blend the flavors. If it tastes flat add a little more red wine vinegar.

Serve as a dip with chips, crackers, bread or vegetables. This will keep for a week in the refrigerator and age adds to the flavor.

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Energy Saving Solutions For The Home Front

Insulate your walls and ceilings. This can save 20 to 30 percent of home heating bills and reduce CO2 emissions by 140 to 2100 pounds per year.

Modernize your windows. Replacing all your ordinary windows with argon filled, double-glazed windows saves 2.4 tons of CO2 per year for homes with gas heat, and 9.8 tons for electric resistive heat.

Plant shade trees and paint your homes exterior a light color to reflect heat. Reductions in energy use resulting from shade trees and appropriate painting can save up to 2.4 tons of CO2 emissions per year. Each tree also directly absorbs about 25 pounds of CO2 from the air annually.

24696001

Weatherize your home or apartment, using caulk and weather stripping to plug air leaks around doors and windows. Caulking costs less than \$1 per window, and weather stripping is under \$10 per door. These steps can save up to 1100 pounds of CO2 per year for a typical home. Ask your utility company for a home energy audit to find out where your home is poorly insulated or energy inefficient. This service is provided free for TCEC members.

Adjust your refrigerator temperature. Refrigerators account for about 20% of Household electricity use. Use a thermometer to set your refrigerator temperature as close to 37 degrees and your freezer as close to 3 degrees as possible. Make sure that its energy



saver switch is turned on. Also, check the gaskets around your refrigerator/freezer doors to make sure they are clean and sealed tightly.

Set your clothes washer to the warm or cold water setting, not hot. Switching from hot to warm for two loads per week can save nearly 500 pounds of CO2 per year if you have an electric water heater, or 150 pounds for a gas heater.

800594401

Make sure your dishwasher is full when you run it and use the energy saving setting, if available, to allow the dishes to air dry. You can also turn off the drying cycle manually. Not using heat in the drying cycle can save 20 percent of your dishwasher's total electricity use.

Turn down your water heater thermostat. Thermostats are often set to 140 degrees F when 120 is usually fine. Each 10 degree reduction saves 600 pounds of CO2 per year for an electric water heater, or 440 pounds for a gas heater. If every household turned its water heater thermostat down 20 degrees, we could prevent more than 45 million tons of annual CO2 emissions.



8002668303

Select the most energy-efficient models when you replace your old appliances. Look for the Energy Star Label - your assurance that the product saves energy and prevents pollution. Buy the product that is sized to your typical needs - not the biggest one available. Front loading washing machines will usually cut hot water use by 60 to 70% compared to typical machines. Replacing a typical 1973 refrigerator with a new energy-efficient model, saves 1.4 tons of CO2 per year.

148570701

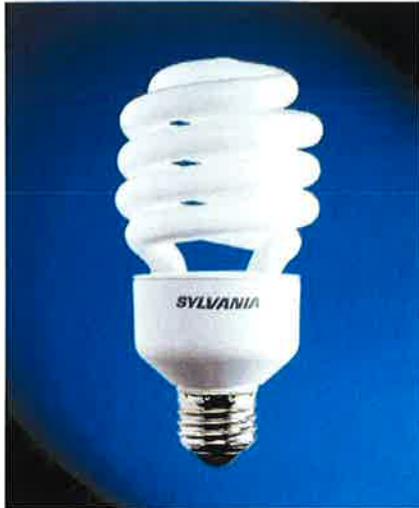
Be careful not to overheat or over cool rooms. In the winter, set your thermostat at 68 degrees in daytime, and 55 degrees at night. In the summer, keep it at 78. Lowering your thermostat just two degrees during winter saves 6 percent of heating-related CO2 emissions. That's

a reduction of 420 pounds of CO2 per year for a typical home.

800701627

Clean or replace air filters as recommended. Energy is lost when air conditioners and hot-air furnaces have to work harder to draw air through dirty filters. Cleaning a dirty air conditioner filter can save 5 percent of the energy used. That could save 175 pounds of CO2 per year and prevent costly equipment repairs and cleaning.

Buy energy-efficient compact fluorescent bulbs for your most-used lights. Although they cost more initially, they save money in the long run by using only 1/4 the energy of an ordinary incandescent bulb and lasting 8-12 times longer. They provide an equivalent amount of bright, attractive light. Only 10% of the energy consumed by a normal light bulb generates light. The rest just makes the bulb hot. If every American household replaced one of its standard light bulbs with an energy efficient compact fluorescent bulb, we would save the same amount of energy as a large nuclear power plant produces in one year. In a typical home, one compact fluorescent bulb can save 260 pounds of CO2 per year.



Wrap your water heater in an insulating jacket, which costs just \$10 to \$20. It can save 1100 lbs. of CO2 per year for an electric water heater, or 220 pounds for a gas heater.

Use less hot water by installing low-flow shower heads. They cost just \$10 to \$20 each, deliver an invigorating shower, and save 300 pounds of CO2 per year for electrically heated water, or 80 pounds for gas-heated water.

800700747

Take a few minutes and visit our web-site www.TCECTEXAS.COM.

Select the "Electric Services" tab and then "Energy Efficiency" to learn more about incentives offered by TCEC to help reduce your home's energy needs.

Always remember the least expensive kilo-watt hour is the one you never need to purchase.

9812700001

From The Cooperative Kitchen

This month's recipe was provided by Debbie Bagwell from Weatherford. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Butter Milk Pie

... Ingredients ...

- 2 - Pie Shells (Frozen Deep Dish)
- 3 - Cups of Sugar
- 1 1/2 - Cups of Butter Milk
- 1 1/2 - Sticks of Oleo (Melted)
- 6 - Tablespoons of flour
- 5 - Eggs
- 2 - Tablespoons of Vanilla

... Directions ...

Preheat oven to 425 degrees. Place Pie Shells on a foil lined pan that holds two pie shells.

Thoroughly mix all ingredients in a large bowl and pour into pie shells. Bake at 425 degrees for 10 minutes and then lower oven temperature to 350 degrees.

Bake pies until knife inserted in middle comes out clean. Cooking time will vary depending upon the oven. Check pies after 30 minutes and continue cooking until done in middle.

For a variation to the recipe, add approximately 1/2 to 2/3 of a cup of shredded coconut to one of the pies prior to baking. Stir the coconut into the mixture with a fork prior to filling second pie.

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" A Commitment to Service and Savings "



Get the family involved with planting and care. Nothing instills more pride than watching a living thing grow.

Arbor Day is April 27 Consider Adding a Tree to Your Landscape

The right tree in the right place assures a lifetime of satisfaction, and keeps maintenance costs low. In selecting a tree, your first consideration must be what the tree needs. In other words, what environmental factors limit the ability of a particular species to thrive. The lowest temperature of the year limits the range of many trees. The familiar "hardiness map" has zoned the country based on average annual minimum temperature. Low temperatures, especially if they come suddenly, can freeze and kill the living cells in trees.

Some of the most popular trees for the North Texas area are:

- Pecan
- Bald Cypress
- Live Oak
- Cedar Elm ----->
- Chinese Pistachio
- Desert Willow
- Red Oak
- Vitex



However, many people like to select trees which are better suited for other areas. With proper care, such trees can also survive in our North Texas climate.

1692001

Each species can tolerate wet or dry growing conditions to a different degree. Special attention must be given to your selection if the site is periodically flooded, subjected to very dry conditions, or is continually exposed to the drying effect of wind.

Watering, of course, can modify a dry site, but even when you irrigate it is important to know the optimal soil moisture requirement for your species.

39202001

Also, do not over water trees. They will "drown" if the soil is kept too wet. With heavy clay-type soils water no more often than at 7-to-10 day intervals during dry summer weather.

Shade tolerance is the term foresters use to rate the light requirements of each species.

Tolerant species, like most maples, hemlocks, and lindens can do well in shade.

Others, like white oak, are somewhere in between and are referred to as having intermediate tolerance.

6030100001

Don't make the mistake of planting your tree where it is mismatched with its need for light.

Every locality has its problems with a particular insect or disease. The best way to avoid trouble is to avoid the species that host these pests. In some cases, it is possible to buy varieties that have been bred for resistance to a disease.

Soil factors are probably the most overlooked when selecting a tree. Soil depth, structure, and pH, in addition to soil moisture, can make the difference between success or failure after planting. For example, deep-rooted species will need adequate soil depth for their structural roots, whereas shallow rooted species may do all right on sites where soils thinly cover bedrock or a hard layer of clay.

Local nurseries generally do not carry trees that are incompatible with the local climate. However, for site factors other than climate, it is pretty much a matter of "buyer beware." Get the answers before you buy. Evaluate your soil conditions for planting and convey this information to your nursery representative.

Trees provide a greater cooling effect than man-made structures because not only are the rays of the sun blocked, but water is added to the air through transpiration.

800508802

Observation is the best way to determine where to plant to maximize shade. Plant for where you want the shadow during the hottest time of the year – and the time of day you desire the shade. Try to remember the sun's position from last year and the position on the yard your family was using. Reference the information on the species selected for estimated growth rate and mature height. Keep a safe distance from overhead power lines and call 1-800-344-8377 to locate underground utilities. Even for professionals, it is often difficult to envision the planting site 5, 10, or 20 years in the future. Yet this is essential. Before planting, know what the tree will look like as it nears maturity. Consider its height, crown spread and root space.

Planting a new tree is a long time commitment and when done properly with sufficient care offers great rewards.

42375002



Memories That Last A Lifetime!

Tri-County Electric Cooperative wants to remind our members that metallic coatings on mylar helium balloons and on kites can cause damage to the electric distribution system. Conductive materials will cause power losses, emphasizing the need to make sure these objects are not allowed to interfere in the power lines.

TCEC also wants to remind children, and adults too, that there are certain safety precautions that should be taken concerning kites and power lines.

- Never use wire, tinsel or any metal in kite construction or as string — they can conduct electricity.
- Never fly a kite near power lines. Electricity always takes the path of least resistance to the ground. It could go through the string to your body. Choose a wide-open field to fly kites.
- If a kite is caught in a power line, LEAVE IT THERE. Parents should call TCEC for assistance at 1-800-367-8232, and properly trained personnel with safety equipment can remove the kite.
- Do not fly kites on rainy days where there is a possibility of lightning using the string as a conductor to reach the ground. Wet strings are good conductors of electricity.

Selecting a safe location is the first step in helping a child build a memory that will last a lifetime. Everyone should take the time to remember their first kite flying experience. By following a few simple safety rules, you are guaranteed a fun and safe outing this spring.



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From The Cooperative Kitchen



This month's recipe was provided by Julie Vinson from Weatherford. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



800683071

Taco Soup

800117401

.... INGREDIENTS

- 2 - Lbs. of Lean Ground Beef
- 1 - Onion (Chopped)
- 1 - 1.25 Oz. Package of Taco Seasoning
- 1 - 1 Oz. Package of Ranch Dressing Mix
- 1 - 15 Oz. Can of Hominy
- 1 - 10 Oz. Can of Rotel Tomatoes
- 1 - 14 Oz. Can of Chicken Broth
- 1 - 14 Oz. Can of Water

.... DIRECTIONS

Brown the ground beef in a large kettle on top of stove, cook until no longer pink. Separate beef with fork as cooking.

Add all the above ingredients and simmer uncovered until heated thoroughly, stirring occasionally. Soup is usually ready in approximately 15 minutes.

Serve over tortilla chips or with cornbread. Additional flavors include cheese, peppers and sour cream.

Suggestion if you have plenty of time: After beef is browned, place beef in a crock pot and add all the other ingredients. Stir and cook on low for 3 to 4 hours.

800692621

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TRI-COUNTY Electric Cooperative, Inc.

" A Commitment to Service and Savings " TX09010B

Cooperative District Meetings Scheduled for July & August 2012



Jorden Wood is the Director representing District 3, which includes the Aledo area. Jorden has served on the Cooperatives' Board since February 2006. The District 3 meeting will be held on July 30, 2012 at the Spring Creek Baptist Church.



John Killough is the Director for District 6, which is located in the area around Thorp Springs, North of Granbury. He has served as director of District 6 since February 2005. The District 6 meeting is scheduled for August 2, 2012 and will be held at the Fairview Baptist Church.



Jarrett Armstrong is the Director representing District 8, which includes the area in and around Keller. Mr. Armstrong has represented District 8 since June 2010. The District 8 meeting is scheduled for August 13, 2012 and will be held at Heritage Church of Christ in Keller.

Tri-County Electric Cooperative, Inc. is an electric distribution Cooperative serving portions of sixteen counties in north central Texas. The Cooperative was first organized on March 30, 1939 and was started with members who lived in Tarrant, Parker and Wise Counties. As a result, the chartered name given to the new organization was Tri-County Electric Cooperative, Inc.

On May 03, 2012, Tri-County Electric Cooperative retired patronage capital credits totaling \$4.7 Million Dollars to members who received electric service from the Cooperative during the years 1986, 1987 and 1988.

Capital credits are the Cooperative's remaining margins after all expenses for a given year of operation have been paid. Each Tri-County capital credit payment is based on the individual member's pro-rata share of patronage for the year or years covered by the refund.

8005048201

Regular retirements of capital credits are a benefit of being a member of a cooperative. Tri-County Electric Cooperative serves 73,357 members within a sixteen county region of North Central Texas.

The TCEC service area is divided into nine districts and the members from within each of these districts have the privilege to nominate a representative for the Cooperative's Board of Directors. As a Cooperative member / owner you may attend the district meeting and participate in the nomination of a director to be elected at the Annual meeting held on October 2, 2012.

800648532

Members residing in Districts 3, 6 and 8 will be receiving a notice of their district meeting in the mail. Directors are nominated by district and must reside within the district they represent. Directors serve a three year term on the board and participate in education and training programs through our state wide association Texas Electric Cooperatives and the National Rural Electric Cooperative Association. This training provides insight on technical and fiscal responsibility associated with managing an electric distribution cooperative. Directors make a considerable investment in time to represent the members within their district.

Please mark your calendars and plan to attend. With your support we can continue to provide quality service at the lowest possible cost.

July 2012 Member Information Bulletin

Your Thermostat Is The Best Tool For Cost Reduction



The thermostat on the wall of your home or business is one of the quickest ways to lower electric air-conditioning costs. For every degree of increase in temperature your operating cost can be reduced by as much as 3 percent. Make sure your thermostat is level and tightly mounted to the wall. A mechanical thermostat that is out of plumb will cause inaccurate operation of equipment. **8002692001**

Remember to service the air filter on a regular basis. If the area in which you live is dusty it may need attention more frequently. Take note of the condition of the filter each time you remove it for maintenance. If you are on a monthly schedule and note that the filter is extremely dirty, you need to shorten the number of days between maintenance. Remember that during the hot summer months your unit is required to run longer to maintain the temperature. Longer run times means that the filter is seeing more cubic feet of air per day. Another condition affecting maintenance schedules is air quality. Hot dry conditions will result in more dusty conditions around the home.

Make sure the outdoor condensing coil is clean and free of grass and other debris. This will improve efficiency and also prevent costly equipment failures. **8004060501**



Inspect doors and windows to make sure they are closing properly. A missing or torn weather seal can cause increased air infiltration resulting in higher operating cost. Keep windows latched as the locking mechanism frequently results in a tighter seal. Use the dollar bill inspection around doors. Close the dollar bill in each side and several locations around the door. If the seal is working properly you should meet firm resistance when you close the door and attempt to pull the dollar free. No resistance indicates a defective door gasket.

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From The Cooperative Kitchen



10203001

This month's recipe was provided by Brenda Troupe from Springtown. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Easy Summer Chicken Salad

... INGREDIENTS ...

8 oz. Package of Elbo Macaroni (or Any Pasta)
8 oz. Can of White Boneless Chicken (Drained)
1 Small Bottle of Ranch Dressing

OPTIONAL INGREDIENTS:

Black Olives, Can of Early Green Peas, Grated
Fresh Carrots or Cheddar Cheese Cubes.

Cook pasta and drain, rinse in cold water
immediately after draining.

Add the 8 oz. can of white boneless chicken and
stir. **252300103** **1455100001**

Pour ranch dressing over mixture of chicken and
pasta, add enough to blend and flavor to taste.

Stir in your choice of optional ingredients to add
flavor and color to the meal.

Keep covered and cool inside the refrigerator,
makes a great main dish or side salad.

This is a great way to take the heat out of a hot
summer afternoon.



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TRI-COUNTY Electric Cooperative, Inc.

" A Commitment to Service and Savings "

Mandatory Lighting Upgrade on T12 Fluorescent Lamps and Ballasts



Old style T12 lamp and ballast manufacture and import ban effective July 14, 2012.

Due to recent Department of Energy mandates, magnetic T12 lamps and ballasts will no longer be manufactured or imported in the United States. This phase-out became effective July 14, 2012.

The nonprofit National Lighting Bureau estimates some 500 million T12 lamps are installed nationwide. John Bachner, executive director, said the figure is based on manufacturers' sales figures and takes into account typical lamp failure rates.

This is one of those things that is going to go by with barely a notice until somebody's light burns out and it's time to replace it.

8002198101

The best thing is to do a lighting upgrade. Take them out and replace them with more efficient T8s or T5s, or some of the other lighting technologies that are becoming available. The energy savings from doing a lighting upgrade should be compelling enough for property managers to make the decision.

Eric Marsh, senior marketing manager at Philips Lighting, noted that there are LED options that will improve the lighting and run cooler. Some can even fit in the same socket as the T12s. It is designed to replace medium bi-pin T8 and T12 fluorescent tubes. It fits directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. It is optimized to

provide light outputs comparable to fluorescent and delivers the immediate benefits of white-LED lighting; long lifetimes, no maintenance, high efficiency, no flickering, no buzzing, instant start, cold temperature operation, and high quality light. It provides energy savings of up to 75% over fluorescent applications that require long hours with low occupancy rates such as stairwells, corridors, warehouses, and remote locations. The high quality replacement tube is constructed from extruded aluminum to provide a virtually unbreakable, vandal proof lighting solution.



LED replacement lamps for T12 lamps run longer and cooler and provide better light quality.

125800102

The newer energy efficient lighting options will soon sweep across American business offices, schools and hospitals. With each new lamp installed a reduction in energy consumption and improved light quality will be made. For every 1,000 watts of lighting taken off line 3,415 BTU's of heat will be removed, thus reducing air conditioning load on the building. The new lamps also reduce landfill waste and toxic materials used to manufacture T12 lamps.

8000010602

Each step made to improve efficiency takes our nation closer to it's goal of energy independence. Commercial lighting fixture upgrade rebates are available through Tri-County Electric Cooperative. For information on rebates go to WWW.TCECTEXAS.COM, select Member Services and then Efficiency Rebates. Together we can make a difference and improve how electric energy is used.

8004228501

Be Aware of Signs of Heat Stress and be Prepared to Provide Assistance

As we enter the warm summer months, here are some tips to prevent heat-related illness when hiking, working or performing strenuous activities in the hot weather. Knowing what to do in an emergency can save lives.

264400001

Take Precautions to Avoid Heat Stress

- Wear lightweight, light-colored, loose clothing.
- Wear a hat outdoors.
- Make sure you bring enough water for everyone and drink water steadily when in the heat.
- Avoid hot foods, heavy meals, and drinks that contain alcohol or caffeine.
- Don't overexert yourself, walk at a steady pace.
- Take regular breaks in cool places.

Take Actions to Avoid Heat Stress

Heat cramps

(tightness in the muscles of the arms, legs and abdomen):

- Drink water and find a cool spot to take a break and allow your body to rehydrate.

Heat exhaustion *(weakness; dizziness; sweating; moist, pale, or flushed skin):*

- Move to a cool place quickly. If an air conditioned building is unavailable, seek shelter under a tree or in an air conditioned vehicle.
- Loosen clothes and apply cool compresses.
- Drink water slowly.
- Elevate feet 8—12 inches.

800615115

Heat stroke *(lack of sweating; high body temperature; dry and hot skin; chills; strong rapid pulse; confusion):*

- Treat as a medical emergency call 911 and transport victim to a doctor immediately.
- With proper assistance, move the victim to a cool area immediately.
- Use cool water to soak person's clothes and body.
- Fan the damp body to reduce temperature.
- Don't attempt to force the victim to drink fluids if victim is unconscious. The proper response to a heat related medical emergency can save a life!

From The Cooperative Kitchen



800630894

This month's recipe was provided by Edith Robinson from Brock. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Lenora Sands Fresh Okra Salad

...INGREDIENTS...

- 7 - Slices of Bacon
- 1/2 - Cup of Crisco Oil
- 2 - Pounds of Fresh Sliced Okra
- 1/2 - Cup of Corn Meal
- 1/2 - Teaspoon of Salt
- 1/4 - Teaspoon of Black Pepper
- 1 - Large Tomato (Diced)
- 1 - Large Onion (Diced)

...DIRECTIONS...

Fry bacon in a large skillet until crisp and drain grease. Allow to cool and then crumble into a large mixing bowl.

Add enough oil to fry a large skillet of okra at medium high temperature.

Wash the fresh okra and slice it up in bite sized pieces. Blend salt and black pepper with corn meal and coat okra evenly.

When the oil is hot enough, add the okra and fry turning often until it is golden brown. Do not burn the okra. Remove okra from heat and drain okra on paper towels to absorb oil

Mix the diced tomato and diced onion with the crumbled bacon in the large mixing bowl. Add okra and toss.

This is a wonderful summer salad made with fresh fruits and vegetables.

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It pays to stay informed!

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Autum Marked Our Close of Summer & The Daylight Hours Grow Shorter

Autumn came on September 22nd and it marked that point in the year when the hours of daylight and darkness are equal. From this day forward the number of hours of daylight will grow shorter until we recognize winter which will mark the shortest number of daylight hours for the year. So cooler weather is on the way which means it is time to start getting your home ready for the heating season.

Preparing the home now can improve comfort, maintain safety and help reduce operating costs. Having a professional come in and check that furnace can prevent untimely break downs which usually occur on the coldest of holiday mornings. An inspection of electrical connections, relays and heating elements can prevent untimely break downs and possible burn outs.

800711779



Carbon Monoxide detectors monitor the air in your home constantly checking for traces of carbon monoxide gas. If the deadly gas is detected an alarm sounds warning your family of the danger.

Your gas furnace should be checked to make sure that the heat exchanger is air tight and that exhaust and fresh air vents are clear and properly installed. A bad heat exchanger or exhaust vent can allow deadly carbon monoxide to enter the home. If an open flame heater is used in your home, a carbon monoxide detector should also be in your home and working.

Inspect doors and windows to make sure that they are properly caulked and that all the seals are in place and working properly. Keeping the heat indoors helps reduce operating time on the furnace saving you money.

Be prepared to cover exposed water pipes outside the home. Make sure that insulating materials are in good condition and if a heat source is required to prevent freezing, consider

using heat tape rather than high wattage light bulbs or space heaters. Remember you must keep insulating materials dry for them to be effective.

18771001



Remember for every cubic foot of smoke that travels up a chimney must be replaced with fresh outside air. The replacement air will be entering the home at outside air temperatures. In many cases the fireplace can actually remove more heat from the home than it contributes. Turn the central system off when burning a fire. If the home gets too cold, it's time to shut the fire down, clean out the embers, close the damper and then restart the central heating unit.

If your home has a fireplace make sure the damper is working properly. An open fireplace damper will allow thousands of BTU's of heat to escape from the home. You would never consider leaving a window wide open on a cold day, but a fireplace with an open damper can actually allow more heat to escape than a open window. Warm air wants to rise and a fireplace chimney provides that vertical escape path for warm air to rush out. Visually inspect the chimney to make sure there is no damage and

that no animals have built a nest which might obstruct the evacuation of combustion gases. A screened rain cap is a good investment. It will keep both water and animals out of the chimney and prevent damage to damper components. Always remove hot ashes after a fire so the damper can be closed to prevent heat loss. Glass fireplace doors help slow the loss of warm air but are not as effective as a closed damper.

800714113

Take a few minutes and test all the smoke detectors in your home. If they are battery driven or battery backup then replace the battery and press the test button. If you don't have smoke detectors in your home get some. Place one in the hallway near the bedroom doors. If bedrooms are separated place a battery powered unit above each doorway. This makes battery maintenance easier and alerts sleeping family members of the emergency.

Remember to take advantage of the cooler autumn temperatures and make your home ready for the winter heating season. A few hours spent working on your home will pay off in lower utility bills and improve the comfort and safety for your family.

October 2012 Member Information Bulletin



11th Annual Fall Gift & Craft Show

Central High School 9450 Ray White Rd, Fort Worth, TX
Saturday November 10 9:00 A. M. - 5:00 P.M. &
Sunday November 11 11:00 A. M. - 5:00 P.M.

Free Family Fun!!

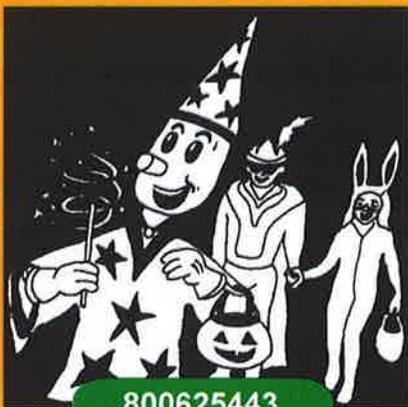
- Over 200 Vendors
- Entertainment
- Silent Auction
- Photos With Santa
- Free Kids Corner
- Concessions

Free Admission!

Free Door Prizes given away all day!

HAPPY HALLOWEEN

*Play It Safe
On Halloween
Night By
Following A
Few Simple
Rules That
Will Make
Halloween
Fun For
Everyone!*



- I. Wear costumes that are flame retardant.
- II. Make sure visibility is unrestricted by masks.
- III. Use high visibility colors or reflective tape.
- IV. Make sure that all trick-or-treaters have a good flashlight to carry with them.
- V. Watch out for animals, a dog fenced in a back yard can be dangerous, never climb fences or enter backyards without permission.
- VI. Remind kids that candy should not be eaten until each piece is inspected at home.

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It pays to stay informed!

From The Cooperative Kitchen



915007102



This month's recipe was provided by Patsy Cranford from Weatherford. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.

Chocolate Zucchini Cake

*** Ingredients ***

800588092

800591566

- 1/2 Cup of Margarine
- 1/2 Cup of Oil
- 1 3/4 Cups of Sugar
- 2 Eggs
- 1 Teaspoon of Vanilla Flavoring
- 1/2 Cup of Sour Milk
(Made by mixing 1 teaspoon of vinegar into 1/2 cup of milk)
- 2 1/2 Cups of Flour
- 4 Tablespoons of Cocoa
- 1 Teaspoon of Cinnamon
- 1 Teaspoon of Baking Soda
- 1/2 Teaspoon of Salt
- 2 Cups of Peeled & Shredded Zucchini
- 1 Package of Chocolate Chips for Topping
- 1 Package of Chopped Nuts for Topping

*** Directions ***

Beat margarine and sugar together. Add oil, eggs, vanilla flavoring and sour milk. Mix all ingredients thoroughly. Sift together flour, cocoa, cinnamon, baking soda and salt.

Add the dry ingredients sifted together to the original mixture. Finally, stir in the zucchini.

Pour completed mixture into a 9 in. X 13 in. greased and floured pan. Top with chocolate chips and chopped nuts to your personal liking. Bake at 350 degrees for 40 to 45 minutes. This is a moist cake and no frosting is necessary.

800632109



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Nearly Half Of All The Energy Used In Our Homes Is Wasted

Heating and cooling inefficiencies are the major cause, and the prevention is, in many cases, simple and inexpensive. Here are some simple solutions for making your home more comfortable and less expensive to heat.

Draft Checking is the one home improvement which saves the most energy with the least investment.

7000062801

A simple way to locate outside air coming into your home is with a stick of incense. Some hardware stores sell "smoke pencils" for this purpose but you can also use a lightweight piece of tissue paper taped to a coat hanger wire. First make sure all fans are turned off including the heating system to prevent false reads. Light the incense and inspect your home, from the inside, for air leaks. Choose a breezy day, and go around windows, and areas where plumbing and wiring go through walls, attic doors, entry doors and fireplace dampers. Note how much the smoke drifts or movement of the tissue paper that will reveal how serious the leak is. On a windy day in a quiet house you can sometimes hear the wind whistle through gaps around doors and windows.

2103300001

Most leaks can be quickly plugged with exterior silicone caulk. Make sure to caulk the leaks from the outside of the house, or moisture will build up inside the walls. Weather-stripping and door sweeps will fix the door leaks quickly and easily. For larger voids use easy to apply insulating foam. The warm air in a heated home escapes wherever it can. Under the door is the common site for heat loss or cold air entry. Door sweeps and draft guards are a quick way to correct the problem..

Door sweeps are available at home supply stores for about \$10. They can be installed without having to take the door off its hinges. Simply slide the sweep under the door and cut off excess length with a hacksaw. A few screws, provided with the sweep, hold it in place. Draft guards are also available to stop air movement from under exterior doors.

Rooms in many homes may have cool air seeping in through the electric outlets located in exterior walls. A simple draft check will let you know if this is the case in your home. Simply plug the

outlet with inexpensive outlet safety caps to prevent drafts. This is also a safety measure if there are young children who might otherwise poke things into the outlet slots.



•• Plastic Window Kits
Plastic window kits are affordable alternatives to double glazing for doors and windows. They contain sheets of plastic film, which looks like cling-film, but slightly thicker. Double-sided tape is applied to the window frame, then the plastic is cut to size and fixed to the tape. Finally, a hair dryer is used to shrink the plastic sheeting tight.

The fitted plastic creates an airtight gap which prevents drafts and condensation. They cannot be used on most aluminum-framed windows and doors, as there is not enough of a gap between the window frame and the glass to work effectively.

Plastic window kits are available at most hardware stores who also have special mounting tracks or frames for making your own plastic film storm windows. The framing material is needed to provide an air gap between the glass and plastic film.

155400001

•• Push Heat Down From Tall Ceilings

If you have ceiling fans and tall ceilings in your home, check to see if the fans are reversible. In winter, the blades should rotate to pull air up to the ceiling and pushing it down walls. This reverse rotation will collect warm air from the ceiling and push it back to the comfort zone. Set the fan at its slowest speed so air movement does not cause a draft. It's not uncommon to see 90 degree air temperatures at the ceiling and 70 degree temperatures at floor level. Running the fan will balance the temperature in the room.

74800102

•• Insulate Exposed Water Pipes

Most water pipes in homes are un-insulated, which results in lost heat and causes the water heater to work harder, thereby increasing energy costs. If you have pipes which are warm to the touch, which 'sweat', or go through unheated areas, the fix is simple and very inexpensive. Pre-slit, foam pipe insulation is available at most hardware stores, and usually comes in 3' (1m) lengths.

800706452

Simply snap the insulation over the pipe and run a strip of duct tape over the seam where pieces butt together. Join the split so it is facing downwards on horizontal runs, and tape the long seam as well. Cut short lengths of the foam insulation with a razor knife and bend around elbows and joints.

November 2012 Member Information Bulletin

October 2, 2012 Annual Meeting Results.

On July 30, 2012 the members of District 3 held a meeting and Jordan Wood is the District 3 Nominee.

On August 2, 2012 the members of District 6 held a meeting and John Killough is the District 6 Nominee.

On August 13, 2012 the members of District 8 held a meeting and Jarrett Armstrong is the District 8 Nominee.

On September 7, 2012 73,089 notices of the Annual Meeting were mailed to all cooperative members. The meeting notice included a mail in ballot and postage paid envelope for those who would not be able to attend the meeting on October 2. The ballot displayed the names of the three members selected to represent districts 3, 6 and 8. The combined total of mail in ballots and ballots cast at the meeting were as follows:

Jordan Wood Board of Director Nominee for District 3:
FOR: 6,506 AGAINST: 411

John Killough Board of Director Nominee for District 6:
FOR: 6,483 AGAINST: 436

Jarrett Armstrong Board of Director Nominee for District 8:
FOR: 6,623 AGAINST: 402

All of the above candidates were approved by the members of Tri-County Electric Cooperative to serve a three year term representing districts 3, 6 and 8.

\$500.00 Annual Meeting Mail In Ballot Winners!

Dale E. Glenn from Millsap
Danny Hudson from Benjamin
Kenneth Nobles from Southlake
Charles Bessire from Granbury



All of us at Tri-County Electric Cooperative want to wish each of our members a Happy Holiday! We hope your dinner is a huge success and that the cook will be rewarded with warm hugs from family and friends.

Holiday Closing

The TCEC business offices will be closed on November 22nd and 23rd for the Thanksgiving holiday. Emergency service is available by contacting the telephone numbers listed at the bottom right corner of this page. We want to wish all of our members a **Happy Thanksgiving** and if your holiday plans include long trips to see family and friends, remember to buckle up and drive safely!

800660568

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It pays to stay informed!

8004790901

From The Cooperative Kitchen



This month's recipe was provided by Patrica Anderson from Weatherford. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Frozen Cherry Pies

--- Graham Cracker Crust Ingredients Two Pies ---

- 2 1/2 - Cups of Finely Crushed Graham Crackers
- 1 - Cup of Soft Butter
- 1 - Cup of Granulated Sugar

Divide ingredients and press into and up the sides of the 9 inch pie plates. Bake in a preheated oven set at 375 degrees for 8 minutes and allow to cool.

--- Cherry Pie Filling Ingredients for two 9 Inch Pies ---

- 1 - Can of Eagle Brand Milk
- 1/2 - Cup of Fresh Squeezed Lemon Juice
- 1 - Cup of Granulated Sugar
- 1 - Large Can of Pie Cherries Pitted Chopped & Drained
- 1 - Cup of Finely Chopped Pecans
- 1 - Pint of Whipping Cream
- 1/2 - Cup of Finely Crushed Vanilla Wafers

Beat the Eagle Brand Milk, lemon juice and sugar in a large mixing bowl with a mixer or by hand until thick.

Add the cherries and pecans to the bowl and mix everything thoroughly.

In another bowl, beat the whipping cream with mixer and add the vanilla wafers. Once the mixture stiffens add it to the other ingredients and blend together. Stir the mixture into the two pie crusts.

Freeze pies overnight. Thaw before serving just to a point you can cut and serve. Refreeze leftover pie and enjoy.

7628002



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Happy Holidays to One and All!

Entrant's Name: _____ Age: _____ Phone: _____

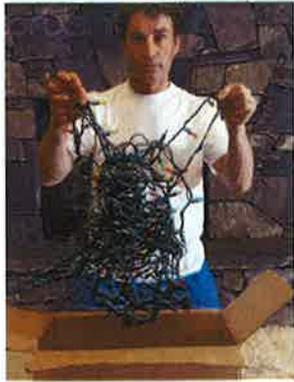
Address: _____ City: _____ State: _____

Zip: _____ Account Number: _____ Billing Name: _____

Everyone at Tri-County Electric Cooperative would like to wish you and yours a Merry Christmas and a Happy New Year. For the past several years we have enjoyed receiving hundreds of colorful Christmas pictures from children hoping to receive something extra from Santa. Once again Santa has promised to deliver some gifts for us to give away to the lucky kids whose names are drawn from our colorful collection of Member Information Bulletins. To participate in the drawing, simply have your kids or grandkids under the age of 12, color the above Santa and his tree. Fill in the name and address section and return the bulletin to any one of our four offices. Winners will be randomly drawn on Monday, January 28, 2013 from the entries received.

Ten Winners Will Each Receive One \$25.00 Gift Certificate.

Christmas Lighting is fun for the entire family but we need to exercise care when decking the halls. Inspect the light string for cracks and damage to the insulation. If you have any broken or burnt-out bulbs, they need to be replaced. Use extreme care when mounting the strings to prevent damaging the insulation when driving insulated staples around wire. Read the manufacturer's recommendations on use of lights. When using lights outdoors, make sure the light string carries an outdoor rating. If you are one of those people who never took the lights down from last year, then a close inspection is going to be necessary.



Wind and sunlight can cause the insulation to break down leaving exposed wire. Check wire closely around staples to make sure that it has not chafed or worn through. Never exceed the manufacturer's recommendation on number of interconnected strands of lights. This will cause the fuse in the strand to blow. Never replace a blown fuse with anything except the proper size fuse for the strand. Wiring around the fuse link will cause overheating and could possibly result in a fire.

800689485

Holiday Candles add a glow to the festivities but special care needs to be taken to avoid possible tragedy. Never leave burning candles unattended and use extreme caution when selecting or building Christmas decorations. Never construct ornamental decorations that could ignite if the candle is allowed to burn down to the base. Little Christmas elves that hug dinner candles are attractive, but should never be left on the candle once lit. Candles burn down and will ignite combustible decorations if left unattended. Don't set yourself up for tragedy, avoid the use of candles around combustible materials. Also remember that the warm glow of a candle can attract inquisitive children, so stay alert and keep the holiday season safe.

800695126

Holiday Closing

The TCEC business offices will be closed on December 24th and 25th for the Christmas holiday and January 1, 2013 for New Year's Day. Emergency service is available by contacting the telephone numbers listed to the right. We want to wish all of our members a **Happy Holiday** and if your plans include long trips to see family and friends, remember to buckle up and drive safely!

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800696861

From The Cooperative Kitchen



800638014

This month's recipe was provided by Michelle Carter from Weatherford. She will receive a 60 Years of Home Cooking Cookbook, compliments of TCEC.



Pumpkin Spice Bread

... Ingredients ...

- 3 - Cups of Sugar
 - 3 1/2 - Cups of All Purpose Flour
 - 1 - Teaspoon of Baking Soda
 - 1 - Teaspoon of Salt
 - 1 - Teaspoon of Cinnamon
 - 1 - Teaspoon of Nutmeg
 - 1 - Teaspoon of Cloves
 - 1/2 - Teaspoon All Spice
 - 1/2 - Teaspoon of Baking Powder
 - 1 - Cup of Vegetable Oil
 - 4 - Eggs
 - 1 - Can of Pumpkin
 - 1/2 - Cup of Water
- Optional - Chopped Pecans as desired

... Directions ...

In a large bowl combine sugar, oil and eggs. Add pumpkin and mix well.

8005389501

In a separate bowl combine flour, baking soda, baking powder, salt and all of the spices. I like to sift the dry ingredients with a whisk before combining with the pumpkin mixture. This makes the bread very light and fluffy. Then add to the pumpkin mixture. While mixing, add the 1/2 cup of water slowly and mix well.

Add pecans if desired.

800713700

Next pour into two large greased loaf pans or 5 small loaf pans. Bake in the oven at 350 degrees for 60 to 65 minutes or until a toothpick can be inserted and removed clean. Enjoy!!



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