

THE CANEY VALLEY ELECTRIC COOPERATIVE ASSOCIATION, INC.

TheVoice

Caney Valley Electric Cooperative Assn., Inc.

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Office Hours

Monday - Friday, 8 a.m. to 4:30 p.m.

Power Cost Adjustment

The Power Cost Adjustment (PCA) for June is \$.04419/kilowatt-hour. This calculates to an additional \$44.19 per 1,000 kWh used.

The PCA was implemented in 2002 to cover only the increase in power costs (over and above 5¢/kWh) charged to us by our wholesale power supplier, Kansas Electric Power Cooperative (KEPCo) in Topeka. The PCA varies each month depending on the wholesale charges from KEPCo, and is a flow-through on your electric

FROM THE MANAGER

New Billing System Announced

It was very gratifying to see the large turnout for the cooperative's annual meeting on May 1. We value your interest, support, and participation in the cooperative's operations.

Attending the annual meeting enables you to be a part of the core principles guiding the cooperative's governance by casting your vote for board trustees and any specific questions or proposals that may be considered.

By attending, you were able to visit with board members and employees regarding any matters which you have questions, concerns, or suggestions.

Reports on the cooperative's affairs were presented by board president Kenny Bates and myself. A summary of the meeting can be found on page 20-B.

At the annual meeting, I discussed billing concerns for rural accounts that receive green bill cards.

We have considered a change in the rural accounts billing for several years. The self-billing method includes problem areas when the accounts are not paid by the due dates, meter readings are not reported

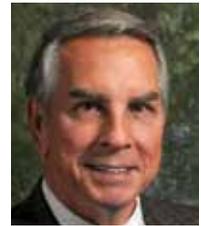
on-time or at all, and the power cost adjustment (PCA) amount is billed with a month lag.

The current system is difficult to explain the billing and payment history on the account when the above issues are involved. This is especially so if the member is not face-to-face with our office personnel.

The new billing system will have the bills calculated by the cooperative's computers based upon meter readings you provide on the bill card stub returned with your payment. The changeover to the new system will be cumbersome, so we will keep you informed as the procedure begins to take place.

Details on the new billing will be sent to you individually, and included in this VOICE. Your patience and understanding will be greatly appreciated as we go through the changes. Please contact me for any questions or comments.

Allen Zadorozny, Manager



Allen Zadorozny

Please Notify Caney Valley if a Member Dies

From time-to-time the cooperative becomes aware that an electric account is still active in a deceased person's name, even several months or years after his/her death.

Please be aware that the cooperative's bylaws and policies state that **upon the death of a member, his/her membership in the cooperative shall also terminate, and no capital credits can be allocated to the deceased member after death.** Our bylaws also state that capital credits under the deceased person's

name can be paid out if the proper forms are submitted to our office and all final electric bills are paid under that person's name.

We understand that it may take several weeks to make the proper arrangements following the death of a loved one. However, we urge you to have the electric billings changed over as soon as possible so that you and/or other heirs can receive the capital credit payments you may be due.

2012 Annual Meeting Highlights

There was a great crowd of more than 500 at Caney Valley's Annual Meeting held May 1, at the Cedar Vale School gymnasium.



More than 500 members and guests attended the Caney Valley Annual Meeting on May 1.

The Cedar Vale Lions Club served a hamburger meal to all present, and entertainment was provided by the Sedan High School Choir. Cedar Vale band students assisted the Lions Club in serving the meals and also provided child care during the meeting.

Board president Kenny Bates shared his views on the effects of governmental regulations on electric generation plants and how they have added significant cost increases, which are ultimately passed on to the members. He expressed his appreciation to the members and emphasized the board's dedication to governing the cooperative in the best interests of the members.

Re-elected to the Board of Trustees were Dwane Kessinger, Grenola, in District II, and Jack New-



Board President, Kenney Bates, discussed the effects of government regulations on electric generation.

comb, Elk City, in District III. Elected to represent District I was Dale Steward, Grenola, who replaced Fred McAdam. McAdam decided not to run for election this year and was recognized at the meeting for his service since 2005.



The Sedan High School choir performed for guests.

A proposed bylaw amendment to remove wording from the bylaws that excludes members from serving on the Caney Valley Board of Trustees if they also serve in an elected position that pays a salary was approved by over two-thirds of those voting.

The following special guests in attendance were introduced: Bob Rauckman, Director of Finance at Kansas Electric Cooperatives, Inc.; Phil Wages, Director of Member Services and External Affairs and Mark Dojac, Director of Rates & Regulations, both from Kansas Electric Power Cooperative.

Scholarship winners were announced for the 2012-2013 school year:

► **LUKE BELLAR**, Howard, West Elk High School



Cedar Vale band students assisted Lions Club members in serving dinner.

- **BRITTNEY HUNTINGTON**, Longton, West Elk High School
- **KAYLA CLAPP**, Niotaze, Caney Valley High School
- **BRETT CHAMPLIN**, Cedar Vale, Cedar Vale High School
- **ALEXA DEFORE**, Dexter, Dexter High School

- ▶ **MELISSA MILLER**, Sedan, Sedan High School
- ▶ **MATTHEW WOMACKS**, Atlanta, Bluestem High School

Each of these students will receive \$300 each semester of the first year of college (\$600 total).

Womacks and Bellar will also receive an additional \$250 for their participation in the 2011 Cooperative Youth Leadership Camp in Steamboat Springs, CO.

The 2012 camp winners **JUSTIN BRYANT**, Cedar Vale High School, and **KANYON KELLY**, West Elk High School. Bellar was also selected by his peers to return this year as the Kansas male ambassador and he spoke briefly to the members about his experiences at camp last year.

Caney Valley congratulates all of our winners and thanks them for their participation in the cooperative's youth programs!

Allen Zadorozny, Manager, spoke to the members on the rising costs of wholesale power, and the fact that the cooperative has not raised rates since 1999, when they were actually reduced from the 1993 rates.

He did note, however, that adjustments may have to be made due to increased costs in all other areas of the cooperative's business apart from wholesale power, but members



Manager Allen Zadorozny congratulates scholarship winner Melissa Miller.

will be notified well in advance of any rate changes.

Caney Valley staff is working toward implementing a different billing process for the rural members in the near future. Zadorozny received a round of applause when he mentioned that the cooperative still has staff answering the phones in person rather than through an automated system and that members will also talk to a person after-hours when reaching our dispatch service.

Numerous prizes were given out during the meeting, with Dale Julian winning one of the grand prizes of a 32" HDTV flat screen TV, and Mrs. Gary Spurlock winning a laptop computer. Special thanks was given to Northeast Rural Service, Vinita, OK, McFarland-Cascade of Seattle, WA, and KEPCo, Topeka, for donating prizes for the drawing.

Vegetation Control Crews May Be in Your Area

As part of the cooperative's ongoing program to control harmful vegetation near our power lines, we have contracted with North-



Craig Lampson
Line Superintendent

east Rural Services (NRS) of Vinita, OK, to apply chemicals along our rights-of-way in 2012. The lines serving members east, north and west of Sedan are scheduled to be covered over the next few months.

NRS' two-man crew will apply high-volume foliar spray herbicide directly to small trees, saplings, and harmful re-growth that has occurred since the lines were cleared by tree cutting. They will use the minimum amount of chemical judged to be effective and will target specific plants that pose a hazard to the electric system.

You should expect to see their pickup and/or ATV with spray equipment working along the rights-of-way under Caney Valley's electric lines.

Trees continue to pose the greatest physical obstacle to providing economical and reliable electric power to the members on Caney Valley's system. The problems caused by trees and the costs of controlling them are born by all of our members collectively.

We appreciate your support of the cooperative's efforts to reduce tree-related problems in a fair and cost-effective manner. If you have any questions about our spraying or line clearing activities, please call us at 800-310-8911 or 620-758-2262.



Caney Valley linemen hand-deliver items to prize winners.

ENERGY EFFICIENCY TIPS

The Science of Conduction, Part II & Convection

BY DOUG RYE



Doug Rye

What a beautiful spring it has been. In past issues of *Kansas Country Living*, we have learned that it's all made possible by the sun and we introduced the three methods of

heat transfer and discussed the one method called conduction.

Conduction is primarily the heat transfer between solids and/or liquids. If you touch a hot 150-degree pan in the oven with a bare hand or place your hand in 150-degree water, you understand how fast heat can move from one item to another by conduction. A product that is a good conductor of heat is never a good insulator.

Now, let's look at convection, another form of heat transfer. According to the dictionary, convection is the transmission of heat by the mass movement of the heated particles in air or gas.

In our discussion, I think that air will always be involved. That means that convection occurs anytime that air comes in contact with anything of a different temperature. Keep in mind that heat always moves toward cold, and moisture always moves toward dry.

When cold dry air comes in contact with warm humid air, a tremendous amount of energy can be released. This is how thunderstorms are formed.

As in the 150-degree oven that I mentioned above, conduction and convection often occur near the same location. You can put your hand in the 150-degree air for several seconds without any discomfort. Your hand does slowly get warmer by convection, but the moment that you touch something metal that is the same temperature, it is instant pain from conduction.

Have you ever noticed how fast the hot oven air rushes toward you when you open the oven door? How fast your glasses fog over when you get out of your air conditioned automobile and meet the hot, humid outside air?

Another example is that you may be able to leave your hand in a 30-degree freezer for several minutes with no problem at all, but the moment that you touch a frozen solid item, your fingers will get cold immediately. Notice that the heat moves to your hand in the oven, but it moves from your hand in the freezer.

When you sit close to a window on a 50-degree winter night, your body heat will try to leave you and

travel to the window, but you will probably not even know it. If it is 20 degrees outside, it may feel like a breeze is blowing on your arm. The heat on your bare arm is simply leaving faster at 20 degrees than at 50 degrees.

One of the best ways to explain convection is to place a heater on one end of a large empty room and notice how over time it also heats the other end of the room. That is the result of warm air molecules heating the adjacent cooler air molecules until the whole room is heated.

Folks, I could list many examples of heat moving from one location to another, and every one of them would be the result of conduction, convection and/or radiation. You might enjoy making a list of other examples that show how heat moves by conduction or convection.

In the next issue, we will discuss radiation and the ways that all three methods of heat transfer relate to energy efficiency in a house. In the meantime, enjoy the beautiful weather.

DOUG RYE is a licensed architect and the popular host of the "Home Remedies" radio show. You can contact Doug at 501-653-7931. Source: Arkansas Electric Cooperatives Corporation.

Outages for April 2012

Occasionally, a part or parts of the delivery system fail and an outage occurs. Below are the larger outages for April.

Date	Area	Members Affected	Duration	Cause
4/2	Burden area	45	1 hr 10 min	Wires wrapped together
4/9	Cedar Vale - east circuit	300	1 hr 15 min	Rotted pole down in high winds
4/13	East side of Cedar Vale	400	45 min	Tree fell through line in town
4/13	Chautauqua area	65	2 hrs	Tree on line
4/14	East of Niotaze	150	1 hr 15 min	Broken jumper on phase
4/15	South of Sedan	300	1 hr 15 min	Fault on line - Line breaker off
4/25	North of Elgin	35	2 hr 10 min	Line breaker off
4/29	Longton substation	379	40 min	Westar off
4/29	West circuit - Caney substation	200	4 hrs	Tree in line - phase burned down
4/30	Longton substation	379	3 hr 25 min	Westar off

Caney Valley's Operating Statistics

For Month Ending	March 2012	March 2011
Meters Billed	5,560	5,578
kWh Sold	4,798,988	5,200,192
Total Revenue	\$ 676,122	\$ 674,058
Purchased Power	\$ 426,269	\$ 394,552
Operating Expenses	\$ 166,578	\$ 168,310
Depreciation Expenses	\$ 48,982	\$ 48,211
Interest Expenses	\$ 43,932	\$ 28,252
Other Expenses	\$ 1,600	\$ 1,700
Operating Margins	\$ (11,239)	\$ 33,032
Non-operating Margins	\$ 19,944	\$ 17,724
Total Margins	\$ 8,705	\$ 50,755
Margins Year-to-Date	\$ (42,885)	\$ 101,838