



Philip Kehres, president of the Moolah Mounted Lancers, and about 50 other Mounted Lancers perform throughout the United States.

Moolah Temple Mounted Lancers

by Richard D. Haney

Hearing of the "Mounted Lancers," one's thoughts could easily drift to the historic era of knight-hood and aspiring donzels.

But it's a different story in the Columbia area. For it is just a few miles north of this southwestern Illinois community that area residents are familiar with the 100-acre Black Horse Ranch, training grounds for the Moolah Temple's Mounted Lancers of St. Louis.

The Lancers consist of Shriners who are dedicated to excellent horsemanship and showmanship. Their skills in intricate drills of close, precision maneuvers have earned them national honors.

They have won national drill team championships in Chicago, Miami and New York's Madison Square Garden. They've also appeared at the Cotton Bowl in Dallas and the East-West football game in San Francisco. In the 1964 Rose Bowl parade they were chosen as the personal escort of the late President Eisenhower who was the parade's Grand Marshal.

Although they limit their exhibitions to about 15 a year, they do have their local favorites—the Shriners Circus parade in St. Louis and the annual horse show at Hillsboro.

"It takes a lot of time and work to keep our unit going, but we have our fun, too," commented Lancers' President Philip Kehres. "Each Monday evening our practice drills take about 20 minutes at full trot without any maneuver being repeated. That's quite a workout."

The spiritedness of the 48-matched black geldings marks the Moolah unit as winners. When in formation, the men ride always at a trot with lances held in one hand, the reins in the other. A touch of the reins to the horse's neck guides the horse. Each Lancer owns his own horse and equipment and is expected to stay in shape to perform.

"We must have 20 riders to par-

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Menard Electric News

MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"



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Co-op Comments

Merry
Christmas

Now is the time . . .to THINK CHRISTMAS . . .to think of glittering snow and icicles, red berries and green leaves.

Turn your mind to stuffed animals, dolls, trains, little cars . . .and children's happy faces. Can't you already smell that turkey roasting, the spicy odor of Christmas cakes and pies?

And think of people, all over the world, putting aside their cares and differences on this day . . .reverencing the inner meaning of Christmas.

Think of family reunions and festivities, laughter, joy — perhaps even a few tears.

We here at Menard Electric Cooperative will be thinking of all these things along with you . . .and planning ways to help you make all your Christmases better . . .because we know that a lot of what makes a celebration joyous depends upon basic dependable electric power.

So have a great Christmas . . .we'll be thinking of you.

DIRECTORS AND EMPLOYEES OF MENARD ELECTRIC COOPERATIVE

Our sympathy is extended to the family of A. Lee Ward, r.r. 1, Ashland. Mr. Ward passed away on August 8, 1973.

The Wards have served as outage reporters in the Jacksonville area for many years.

CONGRATULATIONS

Joan Herzberger of Bluff Springs, was the winner of the "Best Electric Exhibit" trophy at the Cass County Fair. The trophy was presented on behalf of your cooperative.

Mrs. Evalena Borchert of Petersburg completed 30 years of service with Menard Electric Cooperative on December 13. Mrs. Borchert is the office manager of your cooperative and is known to almost all of our members throughout the eight county area served by Menard Electric Cooperative.

Harold (Bud) Brunk of Virginia, completed 25 years of service on November 8. Harold is a groundman for your cooperative, working out of Petersburg.

Mr. and Mrs. Dorland W. Smith of Havana celebrated their 15th wedding anniversary on November 16. Dorland is the staff assistant at your cooperative headquarters.

SEM-ANTICS

Funny thing about corn. In the midwest it's measured by the foot, in the south by the fifth and nationwide on television by the hour.

The older a man gets the better he was as an athlete in his youth.

Hate is like acid. It can damage the vessel in which it is stored as well as destroy the object on which it is poured.

ATTENTION HIGH SCHOOL JUNIORS

Watch for the announcement in this section next month on the annual "Youth to Washington" Tour. The dates for the tour will be June 8 through June 15. Details on entering the contest, etc., will be announced soon.

ILLINOIS RURAL ELECTRIC NEWS

How to Lower Your Electric Bill

Members of Menard Electric Cooperative will use more electricity this winter and will have higher electric bills as a result, John E. Root, manager, said recently.

"Our electric heating customers, and others as well, traditionally increase their usage of electricity during the winter months," he said. "This increase in consumption of electricity naturally means higher bills."

Root said that more electricity is usually consumed during the winter because people stay inside more and run more appliances and lights for longer periods.

"There is no way to cut winter electric bills drastically—without sacrificing comfort," he said, "but consumers can make the most efficient use of the electricity they use by following a few tips."

Houses should be adequately insulated, and doors and windows should be caulked and weatherstripped, according to Root.

Another way to keep bills down is to set the thermostat at the lowest level of comfort and leave it there, he said.

Opening drapes during the day in rooms exposed to the sun will cut down the need for extra heat, but these drapes should be closed at night

Jest in Fun

Success is the ability to get along with some people—and ahead of others.

Just about the time a woman thinks her work is done she becomes a grandmother.

What bothers me is—if those space scientists are smart, why do they all count backwards?

Sign in optometrist's window: "If you don't see what you want, you've come to the right place."

It wouldn't be so bad if America were only at the crossroads, but this is one of those cloverleaf jobs.

Real estate agent to couple: "Yes, I think we do have some \$12,000 homes listed. How much would you be willing to pay for one?"

for added protection from the cold, he added.

Heat should be turned down in rooms not being used, and doors and windows should be kept tightly closed, according to Root. Lighting used generously will also lessen the need for additional heat, he said.

"If customers will follow these tips on efficient use of their electric heating system and other appliances, they should reduce their winter consumption of electricity," Root said.

I'm Fine

*There is nothing whatever the matter with me
I am just as healthy as can be.
I have arthritis in both my knees
and when I talk, I talk with a wheeze.
My pulse is weak and my blood is thin
But I'm awfully well for the shape I'm in.
My teeth eventually must come out,
and my diet—I hate to think about.
I'm overweight and I can't get thin,
But I'm awfully well for the shape I'm in.
I think my liver is out of whack
and a terrible pain is in my back.
My hearing is poor, my sight is dim;
Most everything seems to be out of trim,
But I'm awfully well for the shape I'm in.
I have arch supports for both my feet,
or I wouldn't be able to go on the street.
Sleeplessness I have night after night,
and in the morning I'm just a sight.
My memory's failing, my head's in a spin,
I'm practically living on aspirin,
But I'm awfully well for the shape I'm in.
The moral is as this tale unfolds,
That for you and me who are growing old,
It's better to say—I'm fine, with a grin
Than to let them know the shape that we're in*

A couple of preachers, good friends but of different denominations, often disagreed on religious issues. One day, after arguing more than usual on a theological point, one of the ministers stated: "That's all right. We'll just agree to disagree. The thing that counts is that we're both doing the Lord's work—you in your way and I in His."
—Herm Albright



LET US GIVE YOU A **FREE ESTIMATE**
on the cost of heating your
home with **ELECTRICITY**



"They must not be too anxious to have their power restored! They didn't even answer the doorbell."

what's new?

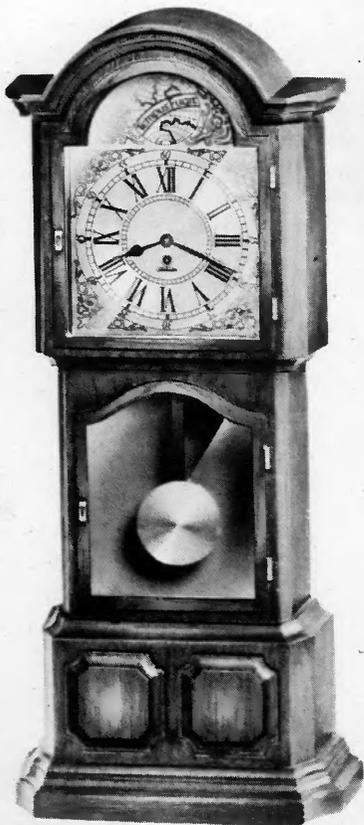


Disposal

General Electric's garbage disposer the "Piranha" is designed to be installed by the competent "do-it-yourselfer." The disposal offers a one year parts and service labor repair warranty. Other features of the Piranha include external fiberglass sound shielding and superhard Carbology cutters.

Grandfather Clock

A truly magnificent replica of a time-honored Grandfather's clock is now available from the Sunbeam Company. The clock is 20 inches high and the crystal encloses a bright embossed gold and silver spun dial with black Roman numerals. It has a traditional Tempus Fugit motto over the old-world globe dial.



Kitchen Guide

From the editors of Better Homes and Gardens, a concise informative book on better kitchen planning with suggestions for converting your present kitchen into a new "electric" kitchen. Also included are ideas for added storage, redecorating, floor coverings, counter-top materials and helpful hints on wiring, lighting and ventilating. For your copy send \$1.00 (postage paid) to NATIONAL PLAN SERVICE, INC., 1700 West Hubbard St., Chicago, Illinois 60622.

Mounted Lancers

(continued from page 11)

ticipate in an event," Kehres explained. "And there has to be an even number of riders for the arithmetic maneuvers. I remember once at a parade in Chicago when my teammate's horse kept acting up and we had to drop out of the formation. But that doesn't happen often."

Even though the horses display liveliness and must be kept that way for precision drilling, there are controls. To prevent the steeds from fighting, fenced pastures keep the horses separated in groups of 12-15. Another factor is the personal attention each man gives his horse.

"A horse must be treated kindly, but firmly," explained Emil Wachter, Lancers' public relations director. "Each man grooms his own horse and this establishes a sort of understanding between the two. No one is permitted to ride another's horse. And when a Lancer grants permission for someone to ride his horse, that's an honor to the other Lancer."

Wachter pointed out that the Mounted Lancers exist primarily to support the Shriners Hospital for Crippled Children in St. Louis. Each year various fund raising events are sponsored as well as the annual benefit horse show at the ranch.

The ranch's show ring measures 120 x 240 feet and during the evening hours it's well-lighted with eight 400-watt mercury vapor lights. Electricity is provided by Monroe County Electric Co-Operative, Inc., Waterloo. Other facilities are three barns with a total of 48 stalls, a club house, swimming pool and a hilltop mansion-type home where the official caretaker, Bud Goode, lives. Stable manager for the group is Waldo Smith, a Lancer.

"Our group developed from men who were interested in horsemanship," Kehres said. "Some of them had never been on a horse before. But through owning their own horse and receiving competent instruction, they're among our best riders. It's a topnotch group of men."



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"News about Electrified Farms and Homes in the Heart of the Lincoln Country"



Members Install Electric Dryers for Grain

William Peddicord of Elkhart is shown standing near the electrical control panels on his all electric grain drying installation located north of Williamsville.

This installation, which consists of two 18,000 bushel bins and one 10,000 bushel bin, along with a 72 foot leg, is a 75 horsepower load, which includes electric heat and fans.

Many members of your cooperative installed all electric grain drying along with Mr. Peddicord in 1973.



Co-op Comments

Mr. and Mrs. Kenneth Pfingston, Petersburg, celebrated their 10th wedding anniversary on October 20. Kenneth is the accountant for your cooperative.

Lawrence D. Kyes, Petersburg, completed ten years of service with your cooperative on October 28. Larry is an apprentice lineman working out of the Petersburg office.

Mrs. Phyllis McCoy, Petersburg, completed five years of service with your cooperative on November 4. Phyllis is the records clerk for your cooperative.

One place a teenager rarely seems to get a hangup these days is in a clothes closet.

Some women take men to the cleaners as soon as they spot them.

A fellow who thinks himself a wit is usually only half right.

This past summer, the weather caused the greatest use of air conditioners in the cooperative's history. Most of you with air conditioners notice this, particularly with your September and October billing.

Know your blood type? Every person has a blood type and it is important to know what it is in case you need blood in an emergency.

Here is a list of blood types from the most common to the very rare. Out of 100 donors: 46 are type O, 40 are type A; 10 are type B, 4 are type AB, 7 are type O negative; 6 are type A negative; 1½ are type B negative, and less than 1 percent are AB negative.

Why not consider donating blood to your local blood bank if you have not done so in recent months? You'll feel better and be glad you did.

According to the Old Farmer's Almanac, it costs the city of New York more to dispose of the Sunday New York Times than it does for the citizens to buy it.

Thinking about building a new home, updating your electrical service, or installing an electric meter at a new location? If so, please contact your cooperative before you proceed with the actual construction. This way we will be better able to serve you when service is needed. Think of notifying your cooperative first.

Jelly is a food usually found on bread, children, and piano keys.

Mike Chenowath, R.R. 1, Decatur, won the 2nd Year Electricity Award at the Macon County 4-H Fair. Mike was the recipient of a trophy donated on behalf of your cooperative.

ILLINOIS RURAL ELECTRIC NEWS

NOTICE OF ELECTRIC RATE REVISION

Menard Electric Cooperative has long been dedicated to providing service to its members at the lowest possible cost. This philosophy is still being practiced by your Board of Directors, however, the monster of inflation has played havoc with utility operations nationwide, just as it has with individual pocketbooks.

Just to give you an example of the spiraling cost of materials with which your Cooperative is faced, look at these items: A 30 class 5 pole, today cost in excess of \$38, a year ago the price was \$28; an 8 foot crossarm is now approximately \$14, in comparison to \$4.80 in 1972; an 8 foot ground rod cost \$9.81, in comparison to \$5.41 a year ago; a 100 ampere meter socket has increased by over 50 percent. These are just a few of the examples of the increased cost of materials.

In addition, the fuel adjustment clause, which is a part of the wholesale power contract with which we must live, is an ever increasing item. During the past nine months the fuel adjustment has exceeded \$108,000 on your Cooperative's wholesale power bills. This one item alone accounts for an increased power cost exceeding \$28,000 from a comparable period in 1972.

After an extensive study, your directors reluctantly made the following electric rate revisions, beginning with the energy bills mailed by the Cooperative and received by the members on or about the first day of December, 1973.

Electric Rate Revision

1. Beginning with the bills rendered by the Cooperative on or about December 1, .11 mill per kilowatt hour will be billed as fuel adjustment for each .1 mill kilowatt hour charged to the Cooperative for its wholesale power.
2. The five percent State Utility Tax, previously absorbed within the rate, will be added to the total billing.

The addition of the Utility Tax and the increased fuel adjustment will constitute a total increase in the electric rate of approximately 8.291 percent.

BOARD OF DIRECTORS
Menard Electric Cooperative.

Avoid Wasting Electricity and Save Money

You can reduce your electric bill by economizing on electric heating by taking the following steps:

Install storm windows and doors to prevent heat loss. If this is not practical, weatherstrip doors and windows.

Lock windows in cold weather. They fit tighter when locked.

Do not set your thermostat above what you consider the comfort level. Many people overheat their homes.

Install a furnace-type or console humidifier to raise the humidity in your home. When humidity is high, comfort temperature is lower, so you can set your thermostat lower.

Irrigation— Crop Drying for 1974

Yes, that's right. Now is the time to make arrangements for that new service for irrigation and/or crop drying for the year 1974.

We want to serve you in any way possible, but to do this we need your assistance in advising us at the earliest possible moment, of your need for additional capacity or new service locations.

If you are contemplating a new irrigation system for 1974, please notify Menard Electric Cooperative prior to January 1, 1974. The cooperative cannot guarantee service to your new system, unless we have been advised by the above date. The reason for this request is quite obvious. Under the present day economic situation we are not assured of material. As this article is being written, we have received confirmation of April delivery on materials ordered

this past September. Needless to say, materials ordered on or after January 1 would not be delivered in sufficient time, to be of any value to members who are contemplating irrigating in 1974.

Likewise, if you are thinking about new facilities for drying of your grain, and/or the addition of drying equipment to your present facilities, please advise your cooperative of your plans before July 1, 1974.

One of the first things that our members should do in making advance preparation for new services, is to contact the cooperative office and work out the details necessary to implement the construction of electric service. In some cases you may find that only a larger service is required, others may need new services with some line extension involved. This type of work cannot be done over

night and require that the new construction first be staked, second that material be issued, and third that a reasonable construction schedule be provided. These things all take time and your cooperative attempts to build these services on a first come, first served basis, if at all practical.

The "heat is off" as the swing to low temperature drying of corn and beans gains momentum. A large number of cooperative members turned to electric heat for drying of their grain this year and we forecast that many others will follow suit in the years to come. It is our understanding that it has been difficult this year to secure new drying equipment, and this in itself would be a good reason for starting early in 1974.

We at your cooperative office are sincere about wanting to help you farm better and live better electrically, but we need your help in accomplishing this goal. Remember, contact your cooperative first, about your plans for 1974.

what's new?

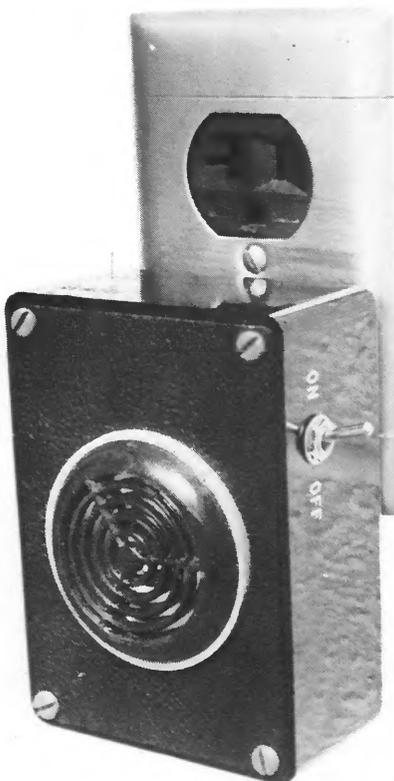
Vacuum

Sunbeam's new outdoor/indoor vacuum cleaner picks up wet or dry debris without changing the washable filter. The vacuum has a five gallon capacity steel tank and a 1.1 hp. motor. It's equipped with an 18-foot conductor cord and plug, cleaning attachments and a stainless steel four-wheel dolly. The vacuum retails at \$59.99.



Alarm

A power failure alarm that detects a power outage whether caused by a blown fuse or a service interruption has been developed by the Riton Manufacturing Company. The unit emits an 85 to 90 decibel siren-like sound when triggered and the horn is powered by two penlite batteries. A built-in 7 to 10 minute delay prevents momentary interruptions from causing a signal. It plugs into a standard AC receptacle and is supported by its case-mounted plug prongs.



(Continued from page 14)

going to be a shortage of corn drying. And corn drying is almost a must."

Pitchford indicated that comments had been made from farmers regarding low temperature grain drying with electric heat as the answer. But a backlog of work for electric power suppliers would be a problem this year.

Pitchford also realizes the importance of electric power in his home and business. Not only are his and the Creeds' homes all electric, but the cold storage building for pecans and apples require electric power. About 100,000 pounds of pecans are kept in cold storage each year.

"We buy nearly 750,000 pounds of wholesale pecans from Arkansas, Mississippi, Alabama and Louisiana," he said. "But pecan production varies from year to year. One year, it's good and the next poor. So cold storage keeps us in business during the lean years."

He mentioned that at one time three loads of pecans were bought weekly from the New Haven area in southeastern Illinois. But Illinois production had dwindled as most of the trees had been cut for lumber.

"Over a long period of time," Pitchford summarized, "the fruit industry is rewarding. But it takes a lot of work. Costs seem to keep going up. Fruit growers can mechanize to a certain point to overcome the increasing costs. But after that, there just isn't any way to keep retail prices lower."

All in all, it looks like the fruit industry has its good years and its bad. But thanks to electricity and technical innovations, perhaps fruit growers can have that extra edge necessary to keep in step with the changing times.

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Let us show you how to begin AT ONCE...full or spare time. Many report \$10 to \$50 PROFIT FIRST HOUR! Nothing to buy...no salesman will call. EVERYTHING NEEDED SENT FREE including BEAUTIFUL SAMPLE!

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FREE

'Benefits Seem to Outweigh Environmental Costs': Train

Without minimizing the difficulties involved, Russell E. Train, new administrator of the Environmental Protection Agency (EPA), recently said that environmental programs would not stop or slow down economic growth.

According to a report by Graham W. Howe, Washington correspondent for the National Rural Electric Cooperative Association (NRECA), Train, in an address before the National Press Club, said that it is pollution—not its control—that limits growth.

"The benefits of a high quality, cleaner environment will far outweigh the costs," Train said. "Environmental programs, soundly conceived, will make a position contribution to the quality of our lives."

Train, who noted that it is increasingly apparent that the nation faces significant energy problems, said: "It is important that we do not let the environment become the whipping boy for those problems."

Train, who accused industry of waging a 'fear campaign' to discredit environmentalists and weaken anti-pollution laws, said that certain unspecified advertisements had given him the very strong impression that

there is a well-organized campaign afoot to propagandize the public into believing that environmental concerns have been overstated and oversold and are the cause of major economic and energy problems.

Train called for greater "confidence in the ability of the private citizen to influence the process of decision making, to bring about meaningful change within the framework of our institutions."



Copper Christmas mobiles or tree ornaments—7½" angel, 6½" rocking horse, 6½" butterfly, 6" diamond shape ornament with name—\$2.50.

Jewelry from your old or beat-up silverware forks or spoons for a keepsake to wear. Original design, no two alike. Specify pendant or ring \$5.00, Copper neckring \$3.50. Include 5% sales tax for ornaments, postage prepaid. Marqu's Studio R. R. 1, Carlock, Illinois 61725.

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Imagine! If you have just a tiny "Postage-Stamp" of a yard, you can grow luscious Full-Size Apples, Peaches, Pears, Nectarines and Cherries on amazing Stark Dwarf Fruit Trees. Pick top-most fruit without a ladder. Riot of blossoms in Spring. Trees often bear at 2 years.

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WHY PAY RENT, BUILD A MILES HOME



Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

Service Installations Show Sharp Increase

A few years ago we were beginning to wonder if there would be anyone left in our rural areas. So many of the small farmers were beginning to leave the farms to go to the cities where they could make better wages and have more modern conveniences.

Today it seems that the trend has reversed. People are moving back to the rural areas, away from crowded conditions, pollution and the higher cost of living.

Where are the people moving to? Today they are buying small acreages in areas that in some instances have never been improved, where they are living in mobile homes until they can construct or acquire a permanent home or maybe they intend to live permanently in a mobile home.

Some of these locations are off the main lines of your cooperative and it is necessary to construct new lines to serve these locations in addition to the normal requirements for electrical service.

In addition, the fuel shortage has produced a large interest in electrical crop drying facilities, some of which

require three phase service and the construction of new facilities in areas previously serviced by single phase lines.

Occasionally your cooperative received a request for service for a new home, or grain drying installation and request is made that the service be provided within a matter of a few days. At this time providing service on a moment's notice is impossible. We would suggest that anyone desiring new service, or a revamp of their present facilities, should notify the cooperative at the very earliest point in time, preferably prior to the purchasing of the new equipment or prior to the beginning of construction of every new home. Services of this type require additional right-of-way, the normal engineering and paper work which is necessary to issue material for the job and then the work must be scheduled for construction in an orderly fashion. We are attempting to work on a first come, first served basis and your assistance in advising us as early as possible of your requirements would be most helpful.

Co-op Comments

To those with flame-type heating systems, it is time to replace filters, adjust it, clean it, check for leaks, repair it, order fuel or replace the heating system. Why not consider flameless electric heat?

My youth ended 50 pounds ago.

Mr. and Mrs. Harold Brunk celebrated their 35th wedding anniversary on October 12. Harold is a groundman for your cooperative, and works out of the headquarters at Petersburg.

Elwin E. DeLong, long-time employee of your cooperative, has been on the disabled list for the past few months. Ed has served as the staking engineer for the past several years and prior to that time served the Buffalo area as a lineman. He is showing improvement and is looking forward to returning to his job.

Why not change to electric cooking and save air conditioning costs? It takes about 1/2 ton of air conditioning to remove the heat from the pilot light on a gas stove.

If women dressed to please men, they would dress a whole lot faster.

Thinking About Irrigation?

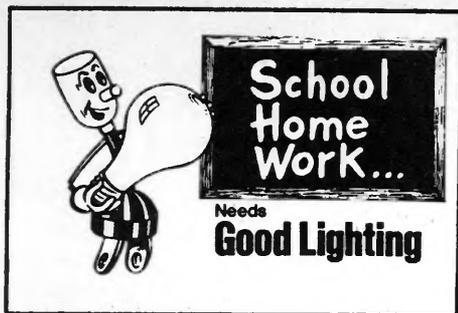
So far this year, 1973 has been a banner year for irrigation systems with electric motors. Eighteen systems were either converted to electricity or were newly installed on your cooperative lines.

As this article is being written several requests for new irrigation systems for 1974 have been received. We would encourage anyone who is thinking of converting to electricity

for irrigation purposes for next year, to contact the cooperative office as soon as possible. Applications for service will be built on a first come, first served basis and at this time applications filled prior to January 1, 1974 will have priority.

While your cooperative is experiencing difficulty in procuring materials for line construction, we foresee no particular problem in being

able to supply the necessary electrical service for irrigation and/or crop drying during the coming year. However, it is most important that we have sufficient materials on order so that we might be able to accomplish our goal. With the above in mind, please notify us as soon as possible if you are planning irrigation and/or crop drying for 1974.



Study lamp standards outlined by the Illuminating Engineering Society make certain that the student has adequate and comfortable lighting to meet study needs.

Standards set up to meet these requirements are:

1. Adequate illumination (70 footcandles).
2. Ratio of maximum to minimum illumination not to exceed 3:1 in the 14 x 12 inch task area.
3. A minimum of 10 per cent of the lamp output to be emitted upward for adequate general illumination in the room.
4. Shade brightness to between 50 and 150 footlamberts and the top of the lamp shielded to limit the observed brightness of the lamp bulb (1810 footlamberts maximum).
5. There should be a minimum of veiling glare on the task with sufficient illumination to overcome any veiling glare that may exist due to the lamp.
6. The lamp should be capable of casting diffused instead of sharp pencil shadows.

Better Light — Better Sight

Potpourri

Hard Hats to Keep Heads

The hard hat, used to protect the head, was invented by Homer in 800 B.C. The Greek wizard had a brainstorm when he saw how effective the turtle used his hard shell to protect his head and related parts.

The result was a helmet. But some Greek soldiers, like some of today's workmen, complained it mussed their hair and was annoying.

A few cracked skulls, however, changed their heads as well as their minds. The result: Everyone wore their protective head gear and kept their heads healthy.

Football Foolish

Ladies: September's here and football's got him.

Propped comfortably in front of the TV set, the man of your life is more interested in yards gained or lost than anything you might want to say. Do keep quiet, then. Remember, football requires great mental effort, and the anguish that often results demands physical stamina.

So let him watch, let him disagree with the announcer, let him criticize the quarterback, let him blow off steam at the dumb coach. And when the game is over, let him rest. He needs a nap after expending all those masculine ergs of energy.

Yes, let him be! If you're really smart, you'll simply "borrow" 20 and go shopping. Think — What better time than while he's watching a football game can you ask or demand an extra 20?

Into Great Melting Pot

America was named by a German professor in a French college after an Italian navigator, Amerigo Vespucci, who was in service to Portugal.

TAKE TIME

Take Time TO THINK . . .

It is the source of power.

Take Time TO PLAY . . .

It is the secret of perpetual youth.

Take Time TO READ . . .

It is the fountain of wisdom.

Take Time TO PRAY . . .

It is the greatest power on earth.

Take Time TO LOVE and BE

LOVED . . .

It is a God-given privilege.

Take Time TO BE FRIENDLY . . .

It is the road to happiness.

Take Time TO LAUGH . . .

It is the music of the soul.

Take Time TO GIVE . . .

It is too short a day to be selfish.

Take Time TO WORK . . .

It is the price of success.

About Dimmer Switches

One of the easiest ways to make your home lighting more flexible is through the use of dimmer switches. The light level can be varied from full bright to nearly off.

These dimmers are solid-state devices and come in two types. One is called a phase control, the other a synchronous control.

Phase control types can cause telephone noise, although most residential applications probably won't. It depends greatly on the size of the load being controlled. Big loads are the problem.

When phase control devices are used in temperature control applications for brooders of various types or for electric furnaces, the loads are bigger. And the potential for phone noise increases.

There is not enough space to go into the why's and wherefore's that relate to this phenomenon.

The easiest way to avoid this kind of problem is to use the synchronous type power controller.

If you are in the market for light dimmers or for electric heat thermostats — tell the supplier that you want synchronous controls, not phase controls.

It could save you some headaches.

For Safety's Sake

Look up and around and think ahead before you approach electric lines.

High loads and electric wires result in a dangerous mixture. Always be careful when working around your electrical wiring or lines.

What's New?

Automatic Washer

A "one stop" Dispensall™ system by General Electric permits a homemaker to load correctly measured amounts of laundry agents and additives which are automatically diluted and dispensed at the proper time in the washing cycle. Featured on the 18-lb. capacity AMERICANA™ model, the new system eliminates any need to return to the washer until the load is ready for the dryer.



Coffee Maker

A new stainless steel coffee maker with the latest safety features has been introduced by Toastmaster. Its wider base, twist-lock top and shorter cord help prevent accidents caused by tip-overs, pouring and inquisitive children. The unit is also equipped with a strength selector, and a automatic keep-warm element.



Calf Feeder

K & K Manufacturing, Inc. recently announced its new calf feeder. The unit when connected to water and electricity, provides controlled feeding. Each unit handles up to 15 calves, and the delay period between servings prevents overeating. The Nurs-ette has a 25-pound hopper and a heavy duty agitator which prevents solution settling. The unit weights 70 pounds and comes completely assembled ready for easy mounting.



Facts about the

Nearly \$8-billion in loan funds for rural electrification have been advanced under loan contracts by the Rural Electrification Administration (REA) since its beginning in 1935, according to a REA release.

As of July 1, 1973, REA electric borrowers had paid more than \$4-billion on their loans which included \$2.4-billion repaid on principal as due, \$250-million of principal paid ahead of schedule and \$1.4-billion in interest.

Loans totaling \$8.7-billion have been approved for 1,092 borrowers to serve 7.9 million connected consumers over 1.8 million miles of line. It is estimated that these connections provide electricity to 20 million people.

The borrowers include 978 electric cooperatives, 54 public power districts, 34 other public bodies and 26 electric companies. About 65 percent of the approved loans have been for electric distribution facilities, 34 percent for generation and transmission facilities and one percent for the financing of farmstead installation of wiring, electrical equipment and irrigation facilities.

During the calendar year of 1972, rural distribution systems reported a net increase of 325,000 new con-

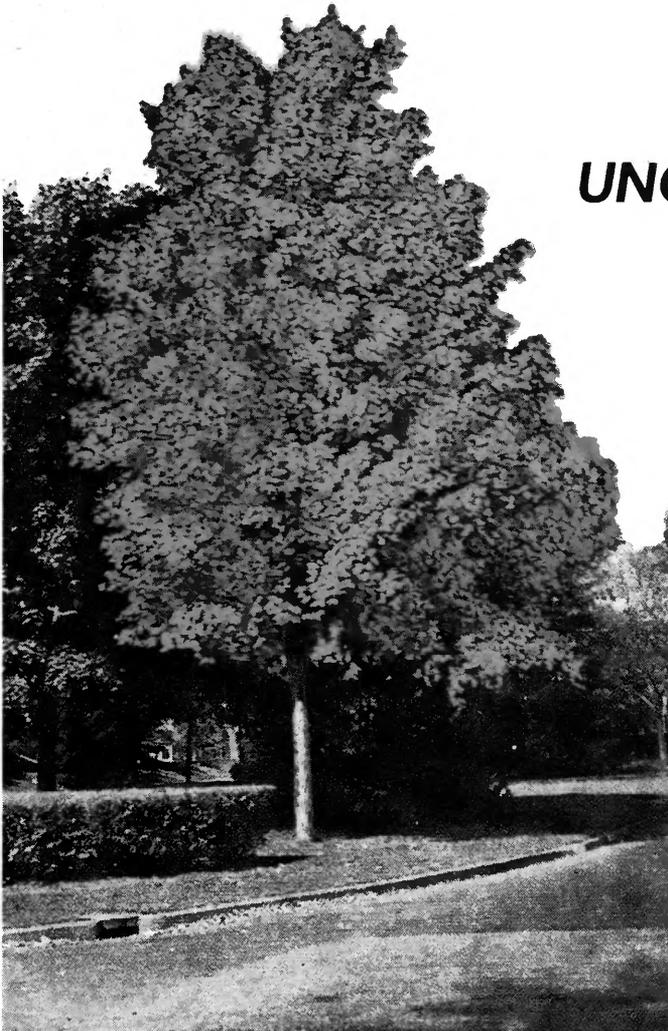
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50 TOWEL CO., Dept CR-834 Box 662, St. Louis, Mo. 63101



Actual unretouched photograph of a five year scarlet maple.

UNQUESTIONABLY THE MOST BEAUTIFUL FAST GROWING SHADE TREE IN AMERICA TODAY

- This gorgeous tree is known as the scarlet maple, the red maple, or the **EVER CHANGING MAPLE**.
- Beautiful Red Scarlet leaves in the fall of the year, and beautiful deep dark green leaves in the spring of the year.
- Grows approximately 25-30 feet over a five year period, which makes it one of the fastest growing shade trees in America today.
- Many landscape architects, nursery men, and gardening experts refer to this tree as the "2 in 1" tree, because of its dual qualities of beauty and speed.
- Now is the ideal time to plant this tree.
- Shipped at 4 to 6 feet — all shipping cost paid.
- Due to the tremendous demand for this tree please allow two weeks for delivery.

Beauty — This beautiful shade tree blazes a brilliant red color in the fall and an olive green color in the springtime. Yes, recognized tree experts agree it is the one tree that delivers beauty throughout the year.

Height — This magnificent tree grows approximately 25 to 30 feet over a five year period (see photograph) and eventually soars to a height of eighty feet or more.

Hardiness — This tree is very hardy as the wood from maple trees is recognized as the hardest anywhere.

Adaptability — "The scarlet maple has one of the widest ranges of our native trees, growing from eastern central Canada to Florida, and because of its ease of transplanting it adapts to any type of soil." (From *All About Trees* by E. Johnson). The one tree experts agree will grow anywhere in the U.S.A.

TO BEAUTIFY YOUR HOME NOW ORDER TODAY ON A TWO WAY GUARANTEE

Imagine! This beautiful tree shading your front yard and the looks of admiration and words of praise it will bring to your house and home. You'll agree it lends lovely contrasts to its surroundings. Now the retail price of this tree is \$4.98, but during this spring planting season our price is only \$4.49. Yes, just a mere \$4.49 for this beautiful shade tree. **ORDER TODAY—YOU WILL BE PLEASED.**

TWO WAY GUARANTEE

We are so sure that this is the most incredible shade tree that you've ever seen, here is our 2-way, ironclad guarantee: (1) If, upon arrival, you are not completely satisfied, then return for a full refund; (2) Free replacement, for any reason, up to one full year. When have you ever seen a stronger guarantee?

OUR CHALLENGE TO YOU

It's almost too good to be true, but we feel so sure that these native collected trees are some of nature's most prized possessions that we are making you an outstanding offer. Our knowledge and experience of many years and our own research about this tree gives us confidence in the following challenge. If you can find just one negative comment by an expert printed in any magazine, periodical, or gardening book, we will give you any item from our catalogue of over 400 varieties absolutely free of charge. We send a catalogue with every order. This offer is hard to beat! We are sure that anything you read anywhere about this beautiful scarlet maple will have nothing but praise and acclaim.

NURSERY BARN

P.O. Box 712-C

McMinnville, Tenn. 37110

Please send us these beautiful shade trees, on a two-way guarantee, the trees indicated below.

- | | |
|--|--|
| <input type="checkbox"/> 1 Shade Tree \$ 4.49 | <input type="checkbox"/> 4 Shade Trees (Save \$6)..... \$11.98 |
| <input type="checkbox"/> 2 Shade Trees (Save \$2)..... \$ 6.98 | <input type="checkbox"/> 8 Shade Trees (Save \$12)..... \$21.98 |
| | <input type="checkbox"/> 16 Shade Trees (Save \$16)..... \$39.98 |

I enclose \$ _____ in cash check money order

Name _____

Address _____

City _____ State _____ Zip _____



Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

New Underground Service Policy

The Cooperative will install underground service to a new location provided the consumer opens and closes the trenches to Cooperative specifications, provides adequate right-of-way easements without cost to the Cooperative and pays the Cooperative in advance the estimated difference between the cost of overhead and underground construction. Upon closing of the work order, if the actual cost differential is less than estimated, an appropriate refund will be made.

New Underground Service to Subdivisions

The Cooperative will provide underground service to subdivisions

under terms and conditions which are on file with the Cooperative's office and anyone interested in subdividing a tract of land should contact the Cooperative prior to making any arrangements for utility service.

Service Change from Existing Overhead to Underground

1. The Consumer shall pay the complete cost in advance for converting overhead to underground service, with credit being given for any salvageable materials.
2. Additional right-of-way easements shall be provided by the consumer for underground facilities.

Co op Comments

Winner of the Mason County 4-H Electricity Trophy for 1973 was Terry Miller, Havana. Frank Feagans, Petersburg, was the winner of the Menard County 4-H Electricity Award at the Menard County Fair. Trophies were presented to each of the above on behalf of your cooperative.

Carl T. Atterberry, general foreman, completed 25 years of employment with your cooperative on September 7.

POTPOURRI — The Cook can say good-bye to burned fingers with a micro-wave oven. They are self-cleaning too; an occasional wipe with a damp cloth will keep them gleaming.

Feel tired? If you are an adult of average weight, here is what you accomplish in 24 hours: Your heart beats 103,689 times; your blood travels 168,000 miles; you breath 23,040 times; you inhale 438 cubic feet of air; you eat 3¼ lbs. of food; you drink 2.9 quarts of liquids; you loose 7/8 waste; you speak 4,800 words, including some unnecessary ones; you move 750 muscles; your nails grow .000046 inch; your hair grows .01714 inch; you exercise 7,000,000 brain cells — Don't you feel tired???

Mrs. May Roehrig of Petersburg, expired on June 4, 1973, at Memorial Hospital in Springfield. Mrs. Roehrig was the mother of Carl T. Atterberry, general foreman, and David Atterberry, lineman, in the Buffalo area. Our sympathy is extended to the Atterberry family.

A FRIENDLY REMINDER

Now is the time to check your grain drying equipment to be sure that it will operate well when you get ready to use it.

Does the fan turn freely? Are there any growing vines or weeds, dead birds, mice or rats, tools, boards or other foreign objects that can get into the fan or motor controls and cause trouble? Is your electrical wiring all in good condition? Are your magnetic starter points clean and in good working condition?

A little preventative maintenance work now might save you a lot of time and expense later.

Announcing - New Meter Loop Policy

The following meter loop policy heretofore adopted by the board of directors of your cooperative will be implemented immediately, subject to government regulations under Phase IV, and will apply to all new installations and revamping of all services on the cooperative's system.

This policy is for yard pole metering only, and does not affect the installation of building entrances where the cooperative will furnish the meter base to the building and run service to the weatherhead or to the meter socket in the case of underground service, subject to the underground service policy now in effect.

This policy was instituted only after careful study by your directors and staff and will bring the service charges up to the actual cost of providing and installing the meter loop.

Menard Electric will install and maintain the meter pole and meter loop under the following terms and conditions:

Meter Loop Service Charges

1. New Installations:

60 amp. capacity (when available and for small loads only) @ \$1 per amp	\$ 60
100 amp. capacity @ \$1 per amp	\$100
200 amp. capacity @ .85 cents per amp170
400 amp. and larger capacity, and 3Ø	No Service Charge

2. Upgraded Installations:

60 amp. capacity to 100 amp. capacity	\$100
60 amp. capacity to 200 amp. capacity	\$170
100 amp. capacity to 100 amp. capacity	\$ 70
100 amp. capacity to 200 amp. capacity	\$140
200 amp. capacity to 200 amp. capacity	\$119
Any capacity to 400 amp. and larger capacity	No Service Charge

All above service charges are subject to five per cent Illinois Public Utility Revenue Tax. All service charges are subject to revision without notice.

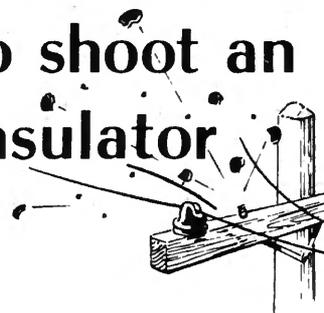
B. General Conditions

1. The capacity of the self contained meter loop is determined by the wire capacity on the line side of the meter.
2. The cooperative will determine the meter loop capacity required on the member's premises.
3. Metering for services requiring capacity larger than 200 amp. and 3Ø will be done with current transformers and no service charge will be assessed.
4. The cooperative will not install a disconnect at the meter location when current transformer metering is used. However, members desiring a disconnect at the meter pole may install or have installed a disconnect at their own expense.
5. No credit or salvage value will be given for existing 60 amp. or smaller capacity loops on services to be revamped.
6. Credit or salvage value on 100 amp. and 200 amp.

capacity loops will be equal to 30 per cent of the new installation service charge of loop being removed.

7. No credit or salvage value will be given for 100 amp. and 200 amp. capacity loops where no service charge is assessed.
8. The cooperative retains ownership of the meter pole, meter loop and all metering equipment and devices installed by the cooperative.
9. The cooperative will maintain the meter loop, metering equipment and devices at no cost to the member.
10. None of the above will prevent a member from constructing and installing or having constructed and installed his own meter loop. However, the following requirements shall be met:
 - (a) The cooperative will furnish the proper size meter socket to be used in member constructed loop.
 - (b) The loop shall meet the requirements of the current National Electrical Code and be constructed to meet cooperative specifications.
 - (c) The loop shall remain the property of the member and must be maintained by the member.
 - (d) The loop shall be tagged, stamped or otherwise identified as belonging to the member.
 - (e) Members meter loop shall only be installed on meter pole installed by cooperative for that purpose.

It doesn't take
a "crack shot"
to shoot an
insulator



A "crackpot" can do it

It doesn't take much of a man, nor any particular skill, to win a shoot-out with an insulator. It's a wasteful, irresponsible act . . . and an obvious offense.

And it can't be shrugged off as kid's play. Anyone old enough to shoot a gun is old enough to respect its use.

Insulator shooting can knock out electric service, costing untold losses to farmers, businesses and families. It could even be vital to the medical well-being of someone.

If you see anyone shooting at insulators, report the act to your county sheriff. You'll be helping to crack down on crackpots.

What's New?

Table Range

A portable electric table range has been introduced by Corning. The glass-ceramic heating surface is framed in aluminum and the heater base will accommodate a variety of cookware utensils. The 10-inch skillet, provided as part of the table range unit, is attractive as a serving piece. It weighs only 11 pounds and retails at under \$40.00.



Kitchen Center

It's a great day for the cook of the house since the Oster Corporation developed the Kitchen Center. It provides three full powered appliances in one space-saving unit. With the powerful counter-top appliance, you can blend a multitude of Spin Cookery wonders, mix the heaviest of batters and grind the toughest of foods with no storage problem. The blender features touch-and-release, instant start-and-stop control on all twelve speeds.



"... but to tell the truth, what I miss most is my electric tooth-brush."

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An "eye-opening" revelation in sensible and comfortable reducible rupture protection may be yours for the asking, without cost or obligation. Full details of the new and different Rice Support will be sent you Free. Here's a Support that has brought joy and comfort to thousands—by releasing them from Trusses that bind and cut. Designed to securely hold a rupture up and in where it belongs and yet give freedom of body and genuine comfort. For full information—write today! WILLIAM S. RICE, Inc., ADAMS, N. Y., 13605 DEPT. 9P

World's Fastest, Easiest Fencing!



tep-POSTS 66" PLASTIC LINE POSTS

New 72" Line Posts, Heavier & Larger

- Strong, Durable, Attractive
- Non-Conductive, Non-Corrosive
- Drive-In Easily with Tepco Driver
- No Digging, Setting, Filling

Build your fences the easy way with TEPCO Line Posts—just like hundreds of ranchers and farmers throughout the nation are doing. Tep-Posts are strong, light weight and durable. Easy to carry in quantity. Weighted steel driver is necessary to drive in the Tepco posts. Wire clip fasteners and postdriver furnished at nominal costs.

Get literature on line fence posts and

48" electric posts

See your dealer or contact us

Write or Call 405 424-2222

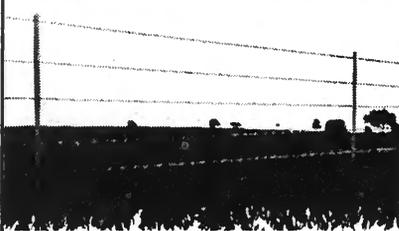
(TEPCO, INC.)

THOMAS EXTRUDED PLASTICS CO., INC.
P.O. Box 145, Oklahoma City, Okla. 73101



From atop of WIPCO's steam generating plant at Pearl, the cooperative's new turbine-generator set stretches out below. The power cooperative is finding it increasingly difficult to find enough fuel oil for its generating purposes.

**World's Fastest,
Easiest Fencing!**



tep-POSTS
66" PLASTIC LINE POSTS

New 72" Line Posts, Heavier & Larger

- Strong, Durable, Attractive
- Non-Conductive, Non-Corrosive
- Drive-In Easily with Tepco Driver
- No Digging, Setting, Filling

Build your fences the easy way with TEPCO Line Posts—just like hundreds of ranchers and farmers throughout the nation are doing. Tep-Posts are strong, light weight and durable. Easy to carry in quantity. Weighted steel driver is necessary to drive in the Tepco posts. Wire clip fasteners and postdriver furnished at nominal costs.

Get literature on line fence posts and 48" electric posts
See your dealer or contact us
Write or Call 405 424-2222
(TEPCO, INC.)

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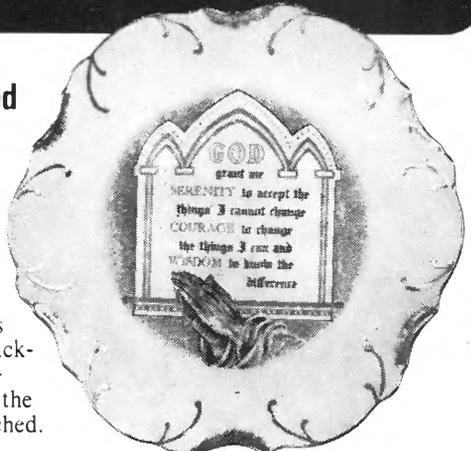
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Durer's famous Praying Hands have become a symbol of faith known and loved wherever displayed. That's why one of these magnificent 8" wall plates should be on a wall or mantel in every Christian home. The Praying Hands have been reproduced in glorious detail under a prayer of guidance. A background of porcelain highlights the hand-finished colors and 18K gold trim along the scalloped edges. Self-hanging cord attached.



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Your group makes no investment. Sell each plate for \$1.50, earn 60¢ on every sale. Here is how your treasury grows with Wade's Praying Hands Inspirational Plate:

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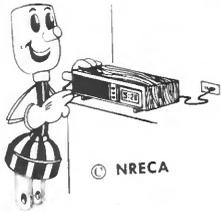
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Please rush FREE details—no obligation—of your plan for our group to raise up to \$600 and more with your Praying Hands Inspirational Plate—without investing 1¢ of our group's money.

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ADDRESS _____
CITY _____
STATE _____ ZIP _____
NAME OF ORGANIZATION _____



Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

© NRECA

New Director and New Cooperative Employees



Meredith Worner of Manito, r. r. 1, was appointed to the board of directors of your cooperative on May 29, 1973, to fill the vacancy in District 6 created by the death of Raymond Van Orman.

Worner was selected by the board of directors from five recommendations submitted by the district's members services committee.

A farmer residing in Mason County and a life-long resident of that area, Meredith and his wife, the former Delores Vanderveen, are the parents of four children: Steven, 7; Julie, 11; Mura, 14, and Marty, 16.

Meredith, 41, is a graduate of Forest City High School. He attended the University of Illinois and Purdue University. A director of the Mason-Tazewell Drainage District, he has been a member of the Mason County Farm Bureau for several years. We welcome the Worners to the official family of your cooperative.

Co-op Comments

Mark Bradley of Petersburg and Cindy Landreth of Greenview, were united in marriage on July 7 at the Christian Church in Greenview. Mark is an apprentice lineman for your cooperative in the Petersburg area. The Bradleys reside northwest of Petersburg. Our best wishes go to Mark and Cindy.

12



Robert Steven Graves began employment with your cooperative on February 19, as a groundman in the Petersburg area. Steve and his wife, Deborah, are presently living at Ashland but plan to move to Petersburg soon. They are the parents of two children, Steven and Sara. We welcome them to the Menard Electric family.

David H. Corsnoe began employment with your cooperative on April 23, as an engineering aide. Previously, he had worked for AAMCO Transmissions, Springfield. David and his wife, Sherita, are the parents of a son, Christian David. They reside on Lake Petersburg. We welcome them to the Menard Electric family.

Installing Grain Dryers? Plan Now!

If you are considering installing grain-drying equipment to be used this fall, we would appreciate knowing your needs as early as possible.

Each year we have a large number of new grain-drying units added to the system. And, at times, things get rather hectic when trying to provide adequate facilities at a convenient time for our members.

We are presently serving a few all-electric, low-temperature grain-drying units. From the reports we have received to date, these units are doing an excellent job. This is particularly true where low-temperature drying results in a better quality corn and thereby, affording a broader market

for the sale of the grain.

We have applications for service from several members who are installing this type of drying equipment this year. We anticipate that we will have several more electric grain-drying units added to our system and would encourage you to consider this type of drying unit.

Generally speaking, adding a grain dryer of any type requires up-grading your wiring facilities and the cooperative usually needs to change your service wires and transformer. The earlier we know what your plans are, the better we will be able to meet your time schedule and serve you conveniently.

ILLINOIS RURAL ELECTRIC NEWS

Menard Electric Cooperative -

Its Role in the Seventies

By Greg Richardson

Menard Electric Cooperative has a big role in the seventies. But first, let us take a brief look back to where it all began.

In 1935 only 10 per cent of rural America was electrified. The government realized this poor percentage and took action. President Franklin D. Roosevelt created the Rural Electrification Administration (REA) by Executive Order on May 11, 1935. This agency was continued by the Rural Electrification Act, which was sponsored by Senator George W. Norris and Representative Sam Rayburn. It was passed by Congress in May, 1936. The purpose of the REA is to make loans to power companies which are willing to use these funds to provide electric service to consumers in rural areas. Borrowers pay two per cent interest on loans and today have 35 years to pay back the agency.

Electric suppliers began to appear in rural areas where, before the REA, this would have been financially disastrous. Today, 98 per cent of rural America is electrified.

One point of interest is that Menard Electric, like many other REA borrowers, is a cooperative. All consumers served by a cooperative are members and have a voice in its operation. Each member has one vote in the election of the board of directors and in any decisions at the annual meeting of the organization. In actual operation, the cooperative is like any other electric utility. But in ownership, the consumers control it, not stockholders.

Menard Electric Cooperative's role in the 1970's will be the same as that of other rural electric systems. One will be community improvement. As was stated earlier, many REA borrowers are cooperatives. Because the cooperatives are owned by their consumers, consumers control what they do. These consumers direct the work of the cooperative for the betterment of the community. By providing electricity to rural areas, cooperatives attract new industries. By doing this they strengthen the economy of the area by creating new jobs.

Another reason for improving the standard of living in rural areas is the rural-urban imbalance. Rural youth move to large cities to get good educations and jobs. Small farmers who cannot survive financially move to the city to find work in factories

and offices. Add to these other people who are tired of rural life and you get the rural-urban problem. Now the cities are overcrowded, unable to take in more people. If something is not done soon, it will be too late. What can the rural electric cooperative do? One thing is to make rural America more socially appealing and financially feasible through projects for housing, water systems, community colleges, and earlier mentioned industrial expansion. Also rural electric systems could help farmers maintain their place in our national economy. Many city dwellers would like to move to rural areas, and many forced from



Greg Richardson

rural areas would have preferred to stay. Accomplish the above programs and the flow of people to rural America will increase.

Another role of Menard Electric will be providing more power to the people. A survey indicates that rural electric consumers spend more than one and a half billion dollars on electric appliances and equipment each year. This means a need for more power. To improve rural areas more electricity is needed. The demand for rural electric power will double in this decade. But this need for electricity has met with problems. One is the "energy crisis," the lack of sources of power. The cooperatives want the government to adopt a national policy on fuels and energy, to find new sources of energy which would not have great amounts of pollution. Also, they want to protect natural resources

which can produce energy in future years from being unwisely used now.

Another problem of the demand for more power is the need for more money. The National Rural Electric Cooperative Association (NRECA) is the service organization for almost all of the nation's rural electric systems. Recently, realizing that REA funds would not be able to meet the rural electric systems' demands in future years, NRECA organized their own private financing institution. Known as the National Rural Utilities Cooperative Finance Corporation (CFC), it will borrow in the commercial money market to furnish supplemental financing so that rural electricians can meet their service responsibilities. The NRECA still wanted to continue the two per cent loan conditions of the REA.

But on December 29, 1972, President Nixon, in his program of budget cuts, terminated further payment of government funds to rural electric and rural phone systems. Of the \$738-million approved by Congress for the current fiscal year, only \$283-million had been committed, leaving \$455-million not available for this year alone. Even with the CFC, rural electric systems still need the two per cent loans, the backbone of rural electrification. The White House has proposed to replace the REA two per cent loans with a new system of five per cent interest loans with capital raised from private lenders instead of the federal treasury. REA cooperative leaders have said that this switch would cripple some weak cooperatives of thinly settled areas. Congress realizes this, and recently the Senate voted in favor of ordering the Agriculture Department to revive the low interest loan program. This is one of the most severe problems facing rural electrification's present and future abilities, and hopefully will be solved soon, in favor of rural electric systems.

In the 1970's, as in decades before, Menard Electric Cooperative, along with other rural electric systems, will face the challenges of tomorrow. Providing better service and improving rural communities will be major problems. Even though they have met and will meet obstacles, I believe that they will be able to overcome them. The American rural electric systems are too much a part of rural America to ever disappear.

What's New?



Digi-Time III

Give your desk that executive look with the new Digital Alarm clock by Sunbeam. It has smoked wrap-around crystal in a sleek modern designed case. The clock is easy-to-view with white-on-black numerals and A.M. and P.M. designations. The Digi-Time stands on a pedestal base and is available in five color combinations.

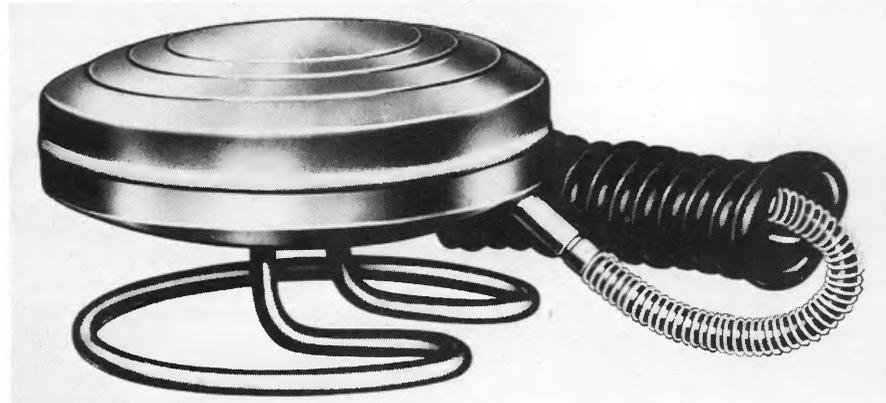


Eliminator

A high pressure, portable washer is the latest addition to the L & A Products line. The Eliminator is designed for quick, complete clean ups in food processing plants and service stations. It is equally effective on small machines and equipment where a lower water volume is desired. With its portable features, it is an excellent farm tool in cleaning and sanitizing milk parlors, farrowing pens and cages. The washer weighs 65 lbs. and includes 25 feet of high pressure hose. It is powered by a 1/2-hp. motor with a 115 VAC.

Chor-Eze

Ristance Corporation has introduced the "Chor-Eze" an electric stock tank de-icer. The floating de-icer maintains an ice free circle of water in stock tanks at low temperatures. It is automatic and is rated at 1000 watts. The unit is equipped with a high quality heating element that is controlled with a thermostat. The case is rust proof, the cord is shock proof and the unit carries a one-year guarantee.



Get rid of all ROACHES
and WATERBUGS with
SURE KILL
Or You Pay Nothing



Roaches eat Sure Kill greedily and return to their nests which they contaminate, starting a chain reaction that wipes out all other roaches and eggs. Sure Kill never wears out, is absolutely odorless and safe to use. It contains no D.D.T. A single can cleans out six rooms and keeps them free of roaches and waterbugs for five years. Money back guarantee. Send just \$3.98 for one can, two for \$6.98 postpaid.

FOX ENTERPRISES

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THE TALLEST HUMAN IN THE WORLD...AND HIS DAD!

Robert Wadlow, at the age of 22, reached the record height of 8 ft. 11.1 in. His father was the long time Mayor of Alton, Illinois.

The heaviest human on record weighed 1,069 lbs. and was buried in a box the size of a piano case.

The highest divorce settlement ever made was \$9,500,000.

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Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

Co-op's Essay Winners Return from Washington

Donna Stevens of Pleasant Plains and Greg Richardson of Riverton, winners of this year's Youth to Washington Trip, have returned from what has been termed one of the finest planned tours of the nation's capitol city. Donna and Greg joined approximately 50 other youths from Illinois on June 9th and returned home June 16th.

Their selection was made from among 11 high school juniors throughout the service area of the cooperative who wrote essays detailing their views on "Menard Electric Cooperative-Its Role in the Seventies."

"All students who entered the contest displayed fine ability, indicating considerable study and preparation," Alvin R. Davis, president of Menard Electric Cooperative, said. "It was a privilege to send these outstanding young leaders to the nation's capitol and I am sure it was a memorable and educational experience."

Donna, the daughter of Mr. and Mrs. Oramel D. Stevens, has completed her junior year at Pleasant Plains High School. Greg, the son of Mr. and Mrs. James E. Richardson, has completed his junior year at the Tri-City High School located at Buffalo.

Contest judges were Mrs. R. M. Rebbe, typing instructor at PORTA High School; M. J. Worthington, vocational-agriculture instructor at PORTA High School; Mrs. Raymond Wankel, English instructor at PORTA High School; Dale Espel, executive secretary of Menard County Farm Bureau, and Walter Adkins,



Judges for the contest found it difficult indeed to select the two winners of the 1973 essay contest. Shown interviewing one of the contestants, from left: Wankel, Espel, Worthington, Mrs. Rebbe and Adkins.

prominent farmer and community leader of Ashland. In addition to the two winners, Marty Worner, daughter of Director and Mrs. Meredith Worner of Manito, was a Willie Wiredhand student and represented your cooperative on the tour.

The planned program included touring Gettysburg, the Capitol, the White House, Arlington National Cemetery, Mt. Vernon, the Marine Memorial and other national monuments. The winners also had an opportunity to visit with several law makers from Illinois, including Senator Stevenson.

LEFT PHOTO: Representing Menard Electric Cooperative on the 1973 Youth to Washington Tour, from left, were: Greg Richardson, Marty Worner and Donna Stevens. BELOW: Participants in the 1973 contest included the following who are shown in a relaxed mood eagerly awaiting their interviews with the judges: Greg Richardson, April Blessman, Thomas D. Lynn, Debbie Henkhaus, Patricia Beard, Marty Worner, Rochelle Funderburk and Krause.



“Menard Electric’s Role in the Seventies”

The Seventies are a period of challenge—challenges in all areas and communities. For our electric cooperatives this period will be one of the most challenging they have faced since their beginning in 1935. The Rural Electrification Act was created by an executive order issued by President Franklin D. Roosevelt and the Rural Electrification Act was passed by Congress in 1936. Demand now more than doubles every 6½ to 7½ years and reserves are getting lower.

Our Menard Electric Cooperative came into being during the crisis when only 10 percent of America’s rural areas had central station electric power and electricity was considered a rural luxury. Now the rural electric systems serve 6.4 million farms and other rural establishments in 46 states, Puerto Rico, and the Virgin Islands. They own and maintain 46 percent of the electric distribution line in the United States but they own only a little over one percent of the nation’s generating capacity. Rural electric systems average 3.7 consumers and a top of \$600 annual revenue per mile of line while most commercial utilities average ten times as many consumers and up to \$8,500 annual revenue per mile of line.

Rural electric systems are pledged to serve all within their areas. Our Menard Electric now serves an eight-county area including all of Menard county, part of Cass, Morgan, Sangamon, Macon, Logan, Mason, and Tazewell counties. The challenge of the present is exciting, regardless of its difficulties and uncertainties. Rural America is not a depressed and dying area as some would have us believe. More new manufacturing jobs are being created in rural areas than in metropolitan areas. Rural living has many advantages over city dwelling. Take a drive through our countryside and notice the changes, new homes, schools, churches, recreation areas, and industries large and small. All point to a period of growth and change. There is no standing still; coopera-

By Donna Stevens

tives, their leaders and their members must change with the time to meet the new challenges and new service opportunities. The time—and the opportunity—is NOW.

In the Seventies Menard Electric works toward this goal with diligence, vigor, and services which will measure up to the rapidly changing future. All who are members and are served by Menard Electric Cooperative were very interested to hear of construction under contract and in progress during the early seventies. Their new substation placed in use at Saidora in 1972 which serves the Saidora, Wilcox Lake, and Eastern County areas is a big asset to that area. Then we heard of the 257 new services built, 303 connects made, 288 security lights installed, and the 24 miles of line converted from single phase to three phase during the past year. One of the things that makes us realize how rural America is changing and how much change is taking place in our own community comes home to us when we hear that Menard Electric Cooperative is now serving 67 irrigation systems with 14 more to be added. We are proud to have our Menard Electric Cooperative rise to these new challenges even when facing the ever mounting problems of the future.

Menard Electric Cooperative has proved at all times that public welfare must receive the highest priority. They will continue to work hard to face various problems of power shortages of fuel that is required to generate electricity, environmental control, and rising costs of labor. The termination of the Rural Electrification Act’s 2 percent direct loan program has been added to the immediate problems. In the future they may be faced with new legislation dealing with ways we generate, transmit, and distribute electricity and the effect it has as it enters the atmosphere in which rural electric systems serve and do their business. Vast sums will be needed for research and de-

velopment in the electric industry. Cooperatives have always realized that all sections of the state and nation are closely intertwined. The strength, progress, and betterment of one depends on the other. To do this Menard Electric Cooperative studies the future of our community. Menard Electric knows that area growth means cooperative growth and they welcome this challenge. These are problems not only facing our community in the seventies, but the whole country. There are answers and they will be found.

Menard Electric Cooperative serves with pride, determination, and efficiency. They take leadership roles in developing and improving their area. They have good management, fine cooperative spirit on the part of employees, and loyalty on the part of cooperative members. They stress good citizenship and are staunch supporters of 4-H, FFA, and many other important programs. They faithfully pay their share of state and local taxes, always working toward the further development of rural America.

Menard Electric Cooperative, a non-profit rural electric system like the nearly 1,000 others serving about 25 million people in 46 states, was organized to provide dependable electric power for the community in which we live. They feel a strong responsibility to maintain good service, and low rates in the seventies, although they too feel the rising costs of inflation in so many areas. As the kilowatt usage goes up Menard Electric will continue to give all their customers their money’s worth. Where can you receive more helpful benefits in a greater variety of ways than with electric power?

As we progress through the Seventies there is great satisfaction in knowing Menard Electric cares. It cares about people and helping it’s members make a better living. It cares about the total environment, the youth activities, the farmers young and old, their communities and about America. They have an ear for the people and their problems and an eye to the future.

What's New?



Compactor

The General Electric trash compactor puts an end to messy garbage cans, reducing a week's accumulation of trash for a family of four into one neat disposable bag. It has an automatic spray to help control odors and the key-lock prevents unauthorized use. The unit can be used free-standing or built-in undercounter. The two removable front panels reverse to give a choice of four decorator colors—avocado, harvest, coppertone or white.

Ice Crusher

Crush mounds of ice automatically with the new ice crusher from the Toastmaster Division of McGraw-Edison Company. The large see-thru drawer catches the ice and doubles as a serving container. It has a recessed on-off dial and a gravity-fed opening is covered by safety flaps which spring shut as soon as cubes are dropped in.



Electromatic Skillet

Corning's new electromatic skillet offers formal or informal dining at its best. The 10-inch skillet dish can be removed from its cooker-base for use separately in the oven, on the range or as a serving dish. It holds 2½ quarts and comes with a detachable handle. The dish is completely immersible and can go into the dishwasher. The base only needs to be wiped off after each use.

Air Conditioner

The personal Porta-Cool air conditioner is now available from Hot-point. The portable model weighs only 43 pounds yet provides 4,000 BTU's. It is 10 7/8 inches "thin," and plugs into any adequate 115-volt, three-prong grounded outlet. The unit is equipped with a built-in handle and expandable side panels to simplify installation. The beige appearance styling blends in with a wide variety of room decor.



Today's Youth for Tomorrow's Needs

Two families of Illinois electric cooperatives are a bit happier this month than last. Each had a son recently named to a major office of the Illinois FFA Association at the group's 1973 convention in Champaign.

S. Gene Schwarm, son of Mr. and Mrs. Stanley Schwarm of Loogootee, who are members of Greenville-based Southwestern Electric Cooperative, was named president of the nearly 17,000 members organization. Dave Rothermel, son of Mr. and Mrs. Kenneth Rothermel of Broadlands, who are members of Champaign-based Illini Electric Cooperative, was elected secretary.

Schwarm, a member of the Brownstown FFA Chapter, was also named the state winner of the Illinois FFA Foundation Award for beef production. He commented on the FFA organization:

"The young people of today who belong to the FFA are meeting the challenges of change. New thinking and new programs are making the FFA more relevant and flexible than ever before. One example is the addition of the agribusiness program. This gives members without farm-

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Youth To Springfield

Thirty-five finalists in the 1973 "Youth to Washington" contest sponsored by Adams Electrical Cooperative, Illinois Rural Electric Co., and Western Illinois Electrical Coop. were special guests at the state capital recently as part of this year's "Youth to Springfield" activities.

Each year, most of the 27 Illinois distribution electric cooperatives hold annual essay contests to pick their winners for the week-long "Youth to Washington" tour.

Seven cooperatives this year added a new dimension to the contest—a tour of the state capital for finalists.

It was difficult to say who was the most impressed, the young cooperative essay contest finalists or the government workers and legislators. Everywhere the group went, those who they met complimented the group on how well-mannered and clean-cut they were.

"Trouble? With these kids? Not hardly," Bob Patton, tour director of the Youth to Washington and Springfield tours, said.

"This is my third year on the tour and we have never had any trouble. They are all too mature for that. Look at them, I really believe they are the leaders of tomorrow."

Upon arrival at the Capitol, the students rushed over to meet with Secretary of State Michael J. Howlett. Secretary Howlett said he had "all the faith in the world in our young people. I urge each and everyone of you, and especially you girls, to become involved with our political system."

From there, the students visited both houses of legislature in session.

"Mr. Speaker!" Rep. Michael McClain of Quincy cried over the dull roar on the House Floor. "I would like to ask that we take a few minutes to recognize some special visitors with us today."

"In the gallery are some 30 outstanding high school students who are touring the capital city today, sponsored by the Illinois electric cooperatives."

Every member of the House Floor of the 78th General Assembly rose to applaud their guests.



Secretary of State Michael J. Howlett welcomes the "Youth to Springfield" group to the capital city.

To someone who hasn't visited the legislature before, the scene on the floors of the House and Senate looks like things are in utter turmoil.

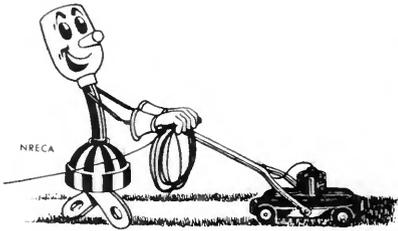
Legislators quickly pointed out to the group that most of the debates have been heard before in committee meetings or in an earlier session. But when a crucial vote is at hand, utter silence is observed.

Outside the Senate chambers, Sen. Clifford B. Latherow of Carthage took time from his busy schedule for a short question and answer session. From there the students went on a open-door tour of Lt. Governor Neil Hartigan's office.

Following an afternoon of touring the Association of Illinois Electric Cooperatives' headquarters, the Old State Capitol and Lincoln's home and tomb, the group met for an evening banquet with their area legislators.

Senators John L. Knuppel of Petersburg and A. C. "Junie" Bartulis of Benld, along with Representatives Clarence Neff of Stronghurst, Ken Boyle of Carlinville, McClain, Gale Schisler of London Mills and Mary Lou Kent of Quincy spent an informative and enjoyable evening meeting and dinner with the group.

Eastern Illinois Power Cooperative, Egyptian Electric Cooperative Association, Southwestern Electric Cooperative, Inc., and Wayne-White Counties Electric Cooperative sponsored a similar tour for their some 50 finalists on June 6.



Menard Electric News

MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

Ideas for Economy In Use of Electricity

Don't Cool Unoccupied Areas

Sound obvious? Well, just step into the average conference room that's used maybe once a week. Brr! Or how about storerooms, meeting rooms, even auditoriums?

Cool on Nights before Hot Days

This may seem to contradict the "Don't" suggestion, but cooling load can be reduced significantly when it's known that the coming day will be a sizzler and the cooling equipment is operated at night and early morning to cool the building.

Then the temperature can be allowed to raise slowly in the afternoon, when the outside air is the hottest and cooling load would be the greatest.

Shut Down Cooling When Not Needed

Essentially, during holidays, weekends, vacations and labor strikes—

depending, of course, upon the customer and the building.

Ventilate Uninsulated Attics

This involves investing in an attic ventilator or cooling fan, but the savings in the long run on air conditioning will return the investment.

Attics turn into ovens in hot weather, reaching temperatures over 140 degrees Fahrenheit. This mass of hot air above the ceiling is another costly load on cooling equipment.

Vent All Major Humidity Producers

In most cases, this means the clothes dryer, which releases a whopping 26.4 pounds of water vapor per cycle. But restaurants and certain industries may have equipment with similar or greater impact.

If humidity is kept outside, it won't have to be released by expelling conditioned air, nor will it add to dehumidification load.

David Bertram, son of Mr. and Mrs. Alvin Bertram, New Holland-Middletown High School.

Michael McLaughlin, son of Mr. and Mrs. Charles McLaughlin, PORTA High School.

Jeff Smith, son of Director and Mrs. C. Kenneth Smith, Easton High.

Greg Squires, son of Mr. and Mrs. Glen Squires, PORTA High School.

Paula Pillsbury, daughter of Mr. and Mrs. Earl L. Pillsbury, PORTA High School.

Lorna McLaughlin, daughter of Mr. and Mrs. Charles McLaughlin, PORTA Junior High School.

Michael McCoy, son of Mr. and Mrs. Melford McCoy, PORTA Junior High School.

Pamela Pillsbury, daughter of Mr. and Mrs. Earl L. Pillsbury, PORTA Junior High School.

Here's a Thought

When you are getting low mileage on your car, you don't go to your service station and tell the attendant that there is something wrong with the register on his gas pump. Indeed not! You take your car to the garage and find out why you are getting low mileage.

Why not apply this same principle to your "high" electric bills? There is always an answer to the usage that is counted up on your meter.

One of the best preliminary checks is to determine past usage of a KWH on a daily basis, then read your meter each day and determine your day-to-day usage of KWH. This can be used as a guide to help you determine if you have a leak or a fault somewhere in your system.

Days of the Week

Sunday—named for the sun of god of ancients.

Monday—named for the moon god.

Tuesday—named for Tiw, the old Norse war god.

Wednesday—named for Woden, the Norse god of supremacy.

Thursday—named for Thor, the Norse god of thunder.

Friday—named for Freya, the Scandinavian goddess of marriage.

Saturday—named for the day sacred to Saturn.

Have a good day with each.

* * *

James A. Bearden, Greenview, completed 15 years of service on April 14th. Bearden is a Groundman-Truck Driver for your cooperative.

Frances Dixon, of Athens, completed 15 years of service on May 21st. Mrs. Dixon is a Radio Dispatcher for your cooperative.

Co-op Comments

CONGRATULATIONS, GRADUATES OF 1973—

William Hinrichs, son of Mr. and Mrs. Albert Hinrichs, received his Masters of Science Degree from Western Illinois University.

Alice McDaniel, daughter of Mr. and Mrs. Roy McDaniel, received her degree from Midstate College of Commerce at Peoria.

Anita VanOrman, daughter of Mrs. Raymond VanOrman, graduated from Millikin University at Decatur.

Pamela Root, daughter of Mr. and Mrs. John E. Root, received her degree from Illinois State University at Normal.

In Memoriam

Henry Dixon, husband of Frances Dixon who is a Radio Dispatcher for your cooperative, died April 22 at his home in Athens, following an extended illness. Though Mr. Dixon had been in ill health for some time, it was thought that he was improving when death came unexpectedly.

Dixon had served as City Clerk of Athens for many years and had owned and operated the Dixon Lumber Company in Athens until recent years. His early lifetime had been spent as a farmer in Menard County.

Surviving are his wife Frances, two sons, Richard and Donald, six grandchildren, and his mother, Mrs. Minnie Dixon Grandstaff, in addition to numerous friends and relatives.

Farmers' Hotline Is Operating

To be able to give quick, efficient attention to farmers' pressing problems, the "Hotline" telephone number 217-525-2444 went into effect recently.

This phone number connects farmers with the office of the Director of Agriculture. A special staff of experts has been instructed by Director Robert J. Williams to give prompt attention to any farmer who has problems, no matter how large

or small, created by land acquisition, the fuel shortage, transportation delays (railcar tie-ups) or other causes.

Persons wishing to write to the Department about farm problems are welcome to do so. Write to: Farmers' Hotline, Illinois Department of Agriculture, General Office, State Fairgrounds, Springfield, Illinois 62706.

Are You Ready For The Metric System?

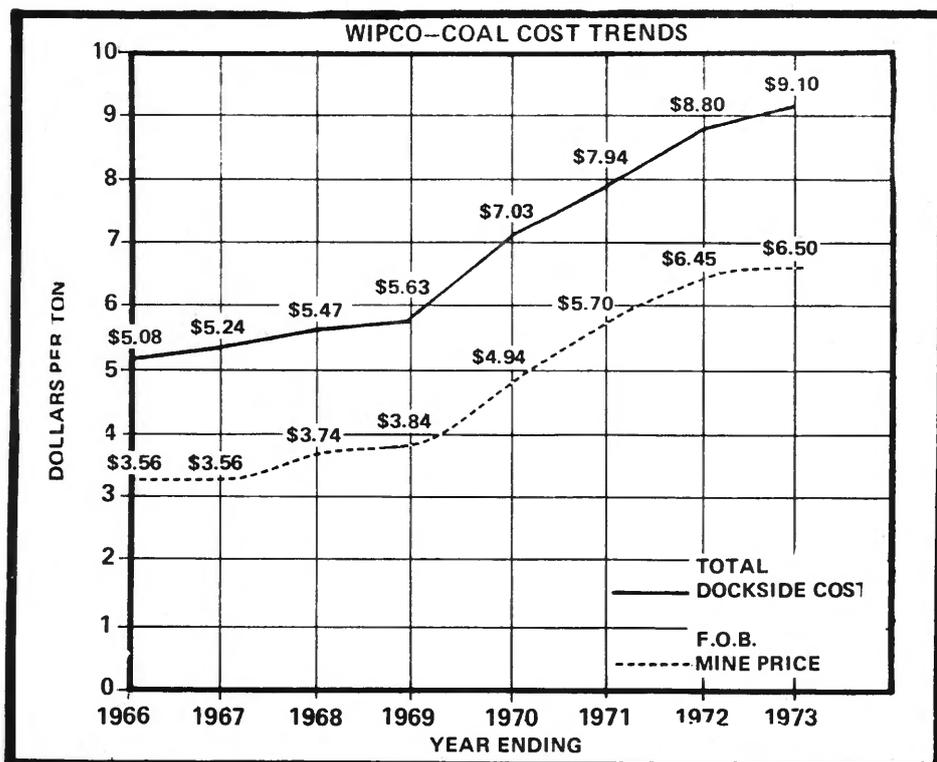
The United States is the only large country in the world which is not yet in the process of going to the metric system. With world trade, communications and transportations as they are, it stands to reason we will be making the transition soon. It will, no doubt, take a great length of time to convert everything, but we should be acquainting ourselves with the more common terms and measurements.

Homemakers will be one of the largest groups to feel the change. Measurements, recipes, sewing, distances, medicines, marketing, etc., will all be changed. Suddenly, we will be acquainting ourselves with the more common terms and measurements. (Already I find them on paper dress patterns.)

As far back as 1866, Congress made the metric system legal, but not mandatory for use in the United States. Many groups are working with metric measures and terms, and it may be a long time for an act of Congress to be passed, but it will come eventually. Groups already working in these terms are in scientific research, testing laboratories, hospitals and clinics, pharmacies, photography, sports and athletics.

If pattern companies go all-out metric, that's when I will quit sewing. It's bad enough following directions now. After eight hours in the office, cooking supper and clean-up in the kitchen, rearranging some dust, answering a few telephone calls, etc., it is eight o'clock before you can think of sewing. To even think of learning a whole new measuring system makes me realize I am getting old. (Even though we hate to admit it.) This has got to be for the new generation. Imagine what this will do to our favorite proverbs, catch phrases, nursery rhymes and poetry: A miss is as good as 1.6 kilometers; 28.4 grams of prevention are worth 483.6 grams of cure; He's all wool and .9 metres wide; Give him 2.5 centimeters and he'll take 1.6 kilometres; I wouldn't touch him with a 3-metre pole; Don't hide your light under a 35-litre hat; The Texan was wearing a 38-litre hat; and There was a crooked man, and he went a crooked 1.6 kilometres.

Yes, it will be a challenge. It will keep us alert to new adjustments in a changing world with the role of the homemaker changing with it.

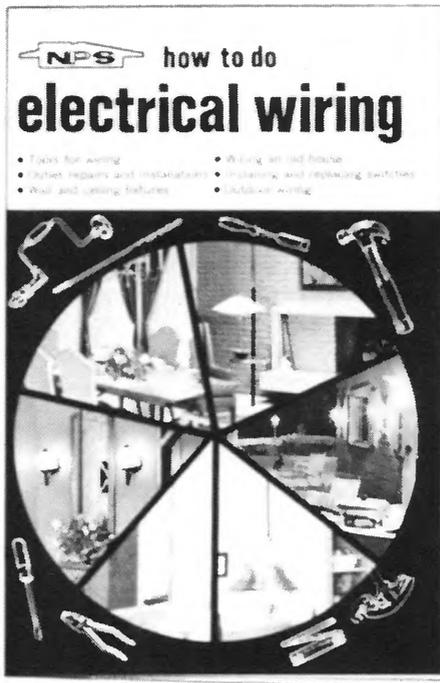


WIPCO. COAL COST TRENDS—The rising cost of fuel is shown graphically on the chart above. New safety laws and sulfur content allowed in the coal has caused the cost of coal to rise sharply since 1969. The area between the F.O.B. mine price and the total dockside cost reflects the cost of transportation.

What's New?

Wiring Book

The new "How To Do ELECTRICAL WIRING" book provides handy tips and instructions for the average home electric installations and repair. The contents cover basic wiring data; wiring problems and solutions plus general basic electrical specifications for individual projects and tools required. For your copy send 85¢ to National Plan Service, Inc., 1700 W. Hubbard, Dept. 276, Chicago, Ill. 60622

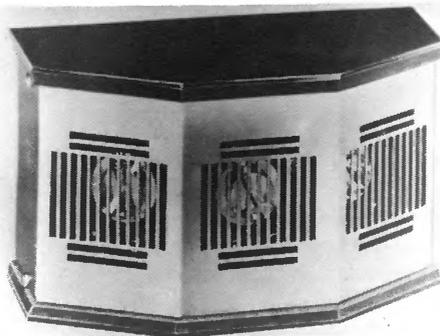


Refrigerator

Cold snacks and beverages are always within convenient reach with the party portable refrigerator from General Electric. The refrigerator is an ideal addition for the den, patio or family room. The 2.1 cubic-foot refrigerator is equipped with ice trays and is finished in simulated wood-grain vinyl. The custom cart has a stain-resistant walnut finish and twin teacart handles which form caddies for up to eight glasses.

Rat-i-cator

Russell Enterprises has developed the "Rat-i-cator." The device drives rodents away by generating a high frequency ultrasonic sound. The compact one pound unit operates from 24 volts so an electrician is not necessary for installation. The Rat-i-cator operates night and day and covers up to 3000 square feet of area.



Energy Answers Aren't Easy

Availability of energy adequate to maintain a vigorous economy must be accompanied with assurances that sources of such energy are sufficiently reliable and dependable to guarantee our national security.

So said Charles A. Robinson Jr. recently in a talk prepared for state government leaders. Robinson is the head of the new energy and environmental policy division of the National Rural Electric Cooperative Association, Washington, D.C.

Robinson pointed out that while energy consumption is growing at a fantastic rate, the more easily recoverable supplies of petroleum and natural gas—which together supply 78 per cent of our total energy—are approaching depletion.

Warning against removing price restraints on fuel, Robinson said: "If all restraints are lifted, the retail price of oil will be set by producers in a substantially noncompetitive, seller-controlled market . . . From the consumer's viewpoint, there is no guarantee that higher prices will produce more oil or gas or how high the price must go before the shortage can be relieved . . . Nor does anyone outside of the industry itself seem to know precisely what it costs to produce these products."

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FOX ENTERPRISES

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ILLINOIS RURAL ELECTRIC NEWS

Safety Training Means Increased Productivity

“Unsafe acts account for 88 percent of on-the-job accidents while only 10 percent results from unsafe conditions. And 90 percent of the conditions described as unsafe have never created an accident. When it comes to job accidents, we’re looking too much at the wrong reason. We must continue to emphasize that job accidents can be reduced through proper personnel safety training.”

So said Ernest Shearer, Job Training and Safety (JT&S) Instructor, Indiana Statewide Rural Electric Cooperative, Inc., Indianapolis. He directed his comments to nearly 150 key individuals of Illinois electric cooperatives represented at the 29th annual Illinois JT&S Conference in Springfield.

“To illustrate my point,” Shearer continued, “41 of 52 accidents in our statewide systems occurred in the nine systems which do not participate in our JT&S program. Our industry is fast becoming more and more technical and we can’t wait five years to train our people for something which they should know about today. Safety is the responsibility of management and work crews require specialized training.”

The Illinois JT&S Program—the first of its kind in the United States—was formed on May 20, 1941 when the JT&S Committee was created in cooperation with the Board of Vocational Education and Rehabilitation (BVER), State of Illinois.

Sherwood Dees, Director, Division of Vocational and Technical Education, State of Illinois, told the group: “Since 1941 we have had a most rewarding relationship with the JT&S Committee and the Association of Illinois Electric Cooperatives. We have been most willing to financially support and assist in this favorable program. Some JT&S programs in other states are just starting to figure out how to do what you’ve doing for years . . . The need for retraining and upgrading of skills is

of the highest priority . . . Today there is a demand for vocational training and skilled workers. Use your influence as citizens and taxpayers to see that educational facilities are providing vocational and technical training to meet the increasing need.”

Other safety speakers included Ralph M. Coe, Director, Resources Division, Industrial Department, National Safety Council, George J. Keller, Director, Association Safety Services, Employers Insurance of Wausau, and Paul J. Campeggio, Supervisor, Construction Safety Inspector, Illinois Department of Labor.

“Although we have different living and working conditions,” Coe said, “we all live a reasonably safe life. Each of us, because of our concern for our fellowman, has a role to play in everybody’s safety.”

Campeggio talked about the Occupational Safety and Health Act and similar requirements by the State of Illinois: “We must be concerned about working conditions around energized lines and take the necessary precautions for employee protection. Although new types of equipment and machinery with new safety features are being used today, personnel must have the proper training in their use. The OSHA requirements and state requirements protect both the employer and employee. It’s a fair act. Most of you are following safety procedures which won’t call for enforcement. Inspections of working conditions will be conducted on what will be a ‘worst, first’ basis according to the most complaints received by our department.”

Keller said: “Protect yourself by keeping in top physical condition, by maintaining the proper mental condition and attitude, and by having knowledge of your job. Be interested in finding out about the work you’re doing and understand how it’s being done today.”

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Menard Electric News

MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746



"News about Electrified Farms and Homes in the Heart of the Lincoln Country"



Raymond C. VanOrman

Raymond C. VanOrman, a director of Menard Electric Cooperative, died on March 14, 1973, at Pekin Memorial Hospital, at the age of 53. He had been in ill health for sometime and a patient at the hospital for several days.

VanOrman was first appointed to the Board of Directors of Menard Electric Cooperative on November 27, 1967 and was elected to a full term as a director in 1968 and in 1971 and served continuously until his death.

He was a native of Mason County and spent his lifetime farming in the Forest City area. He was a member of the Forest City Community Church, a member of the Hill-Palmer Post 476, of the American Legion after he served in World War II and was past Sunday School Superintendent of his church. He was active in the civic affairs of his community, and a faithful and devoted member and director of your cooperative.

Funeral services for VanOrman were held Saturday, March 17 and interment was in Meadow Lawn Cemetery in Manito.

In Memorium To 2 Leaders

Homer T. Brown, a former director of Menard Electric Cooperative, died at Methodist Hospital in Rochester, Minnesota on March 26. He had been a patient at the hospital for several days.

Brown was first elected to the Board of Directors of Menard Electric Cooperative on December 20, 1939, and he served continuously until February 19, 1972. He served your cooperative longer than any other director since the cooperative was organized in 1936. For 18 years Brown was president of the Board of Directors after serving as vice-president from October, 1940 until February, 1948. He also served with distinction on the boards of the Association of Illinois Electric Cooperatives and Western Illinois Power Cooperative, and served as president several years. He served on the Board of Directors of the Illinois Statewide Power Cooperative from 1950 until 1972, serving as secretary-treasurer from 1963 until his retirement. He earned the appreciation of cooperative members not only in Illinois but throughout the nation.

VanOrman felt that one of his greatest contributions to his neighbors and friends in the Mason County area was the part he played in the rural electrification program during recent years.

VanOrman is survived by his wife, Betty; two daughters, Mrs. Kenneth (Diana) Emme, of Havana, and Miss Anita VanOrman at home; one grandson, two sisters and two brothers.



Homer T. Brown

He was a native of Logan County and spent all of his life farming in the New Holland area. He was a charter member of the Middletown American Legion, the Lincoln 40 et 8, director and past-president of the Logan County Mutual Insurance Company, a former member of the Logan County Board, and was currently a job applicant member of the State Welfare Board.

Throughout his lifetime he was active in civic affairs in his community, a faithful and devoted member of his church, community and friends. Brown was long recognized as a leader in the rural electric cooperative movement throughout the nation. Probably no one earned the appreciation and respect of cooperative leaders throughout the country more than Homer T. Brown.

His progressive attitude, sound advice, innovative ideas, leadership abilities, knowledge of rural electrification, and friendship will long be remembered by all who knew him.

Brown is survived by his wife Frances and several cousins.

These Simple Tips Cut Clothes Drying Costs

An electric clothes dryer can take a lot of drudgery out of your household. And if used properly, the operating cost will be low.

Be sure the dryer is vented to the outside and that it is placed on a level surface. Read the use and care booklet before operating the dryer, and follow all instructions carefully.

Check the lint filter before drying each load of wet clothing. If the filter is dirty, remove the lint.

Before placing clothes in the dryer, remove any excess moisture. This can be done by shaking the clothes vigorously. Clothes that are too wet will take too long to dry.

Arrange loads so that they include large and small items. Group by fabric, color, and drying time.

Do not dry too many clothes at one time. A normal load will dry faster.

Too much heat or too much drying time will cause wrinkles to form. Leaving the clothes in the dryer after it has shut off will also set wrinkles.

Never dry foam, plastic, or materials that have been dry cleaned with flammable fluids.

Following these tips should help you get the best results from your electric dryer at a low cost.

'Environment'

"Environmental problems cannot be solved without using electricity to operate pollution-abatement devices," John E. Root, manager of Menard Electric Cooperative, commented recently.

He pointed out that the existing pollution-control technology is dependent on electricity. Electricity already runs equipment that treats sewage, purifies the water, converts waste into usable material through recycling, and mashes trash, he said.

"These uses of electricity to clean up the environment demonstrate that a quality environment and a plentiful supply of electricity are compatible goals," Root said. "Electricity is a most important resource in combating environmental pollution."

Electricity improves the home environment, too, according to Root. "Wherever electricity is used as the sole source of power in the home, the home stays fresher and cleaner," he said, "because electricity is absolutely pollution-free at its point of use."

Some air pollution is involved in the generation of electricity, he noted, but this pollution is gradually being eliminated by the addition of electrostatic precipitators and other devices.

A remaining problem is the gaseous pollution produced by power production. Ways are still being sought to solve this problem, Root concluded.

No Tires To Kick

The farmer had been taken in so many times by the local car dealer that when the dealer wanted to buy a cow, the farmer priced it to him like this: basic cow, \$200; two-tone extra \$45; extra stomach, \$75; product storage compartment, \$60; dispensing device, four spigots at \$10 each, \$40; genuine cowhide upholstery, \$125; dual horns, \$15; automatic fly swatter, \$35. Total \$595.

Electric Vehicles Undergo Testing

Federal agencies have initiated testing programs on electric-powered vehicles as a means of cutting down on the pollution now given off by conventional vehicles. Michigan's capital city, Lansing, is scheduled to demonstrate and test six electric buses under a grant from the U.S. Department of Transportation. And the U.S. Postal Service is testing U.S. and foreign-built electric delivery vehicles on the West Coast.

The experiments may be the forerunners of a breed of special purpose electric cars and trucks which will sharply reduce the amount of pollution now being emitted by conventional, combustion-engine cars and trucks.

A study by the Electric Vehicle Council indicates that a light electric truck capable of carrying the driver, one passenger and a 500-

pound payload at speeds of 30 to 35 mph at a range of 40 to 50 miles could duplicate the performance of 63,000 light trucks now in use. The Council's Executive Secretary, H. J. Young, says this kind of electric truck "is within the state of the art today."

Mr. Young also reports on a recent public opinion survey conducted for the EVC which found that 50 million Americans might be interested in buying a small, low-speed, limited-range electric vehicle if it were reasonably priced. "This changing attitude on the part of the buying public is of considerable significance," Young indicates, adding, "We believe the results of battery development work conducted independently in a number of industrial centers will begin to bear fruit in the near future."

What's New?

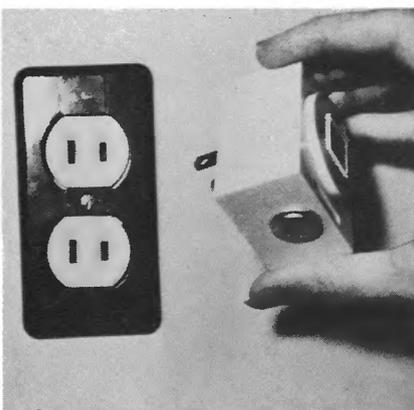
Mini-Washer

Rival's new portable "Wash-O-Matic" is just right for today's compact living. The mini-washer is 15 inches high and 14 inches square, yet, it's big enough to do a two-pound load. It features a 30-minute timer, lint trap, and shuts off automatically. The tub, cover and three-vane agitator is made of sturdy polypropylene. The suggested retail price is \$42.95.



Fire Alarm

The world's smallest fire alarm has been developed by the James W. King Company. The tiny alarm with a big voice sounds off when the temperature reaches 135 degrees. It can be moved from room to room and even packed for use in motel and hotel rooms. The alarm operates on 115 volt current and plugs directly into outlet. The suggested retail price is \$9.95.



Swivel TV

Zenith has introduced a new "Turn it, Tilt it" black-and-white TV set. The 12-inch diagonal set features solid state modules, instant picture and sound, plus a "private listening" earphone with 15-foot

cord. It also includes a 48-inch monopole antenna and convenient top carry handle. The Rosewood color cabinet is available in white or ebony color trim.

House Sustains Rural Water—Sewer Veto

The House of Representatives on April 10 sustained President Nixon's vote of a bill (H.R. 3298) to restore the rural water and sewer grant program which had been terminated by the Administration earlier as an economy move. This program has been an integral component of the Rural Development Act of 1972.

The vote to override the veto was 225 to 189—51 sort of the necessary two-thirds.

As an admitted move to influence Congress to sustain the veto, Secretary of Agriculture Earl L. Butz on April 9 announced a \$100-million rural sewer loan (not grant) program, also under the Rural Development Act, as a "substitute" for the terminated grant program. The loan program will provide loans at 5 percent interest to rural communities to install water and sewer lines.

When he terminated the congressionally authorized program, the President claimed there were other rural aid programs which could be used for the same purpose at less cost to the government. H.R. 3298 would have ordered the Administration to continue the terminated program.

According to testimony before the House Agriculture Committee in February, experience shows that in about 70 percent of sewer system applications and about 30 percent of water applications, a grant is necessary to make the system economically feasible. Such rural communities would not be able to qualify for loans.

In a last-minute plea to House members to override the veto, Speaker Carl Albert of Okla. said, "We are dealing with the authority of the Congress of the United States to make the laws of the land. The merits of the programs are too great to be caught up in the destruction (caused by) a partisan power struggle."



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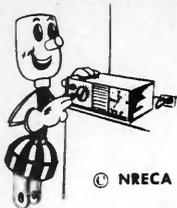
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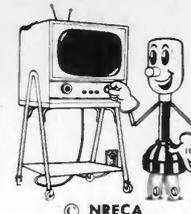


Menard Electric News

MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746



"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

Co-op Progresses Despite Insurmountable Odds

Menard Electric Cooperative has progressed well throughout a year marked with fuel shortages, a damaging ice storm and the termination of the REA loan program, members were told by cooperative leaders at their 36th annual meeting on March 10.

Board President Hickory H. Hurie explained that the real reason for this impressive progress was the cooperation between the members of the eight-county area and their cooperative personnel.

Cooperative studies indicate the need for \$1,224,000 during the next two years in order to keep the system on a par with the member's electric requirements.

Snow and ice storm damage amounted to \$46,000 and the cooperative also realized a seven percent increase in kilowatt-hour sales in 1972. With the increase in the use of electric heat for homes and additional service extended to irrigation installations, the cooperative

stands against ominous odds in the area of working revenue and reserve loans. As with almost all Illinois electric cooperatives, Menard Electric will soon begin to feel the pinch of the Executive order cutting back on REA loan funds.

The cooperative at the meeting announced that a 35-year mortgage note for \$190,000 plus interest has been paid back in full to the United States government. This is the second such note made under the Rural Electrification Act. The previous note which amounted to \$135,000 was paid in full in 1967.

Manager John E. Root pointed out in his report that the cooperative had made progress in upgrading the electric system to keep pace with the member's ever-increasing demand for electricity in 1972. The co-op built 257 new services, made 303 connections, and installed 288 security lights which brings the total member coverage to approximately 35 per cent.

All these improvements, Root explained, cost a great sum of money, which must be borrowed and paid back as the revenues are received from consumer payments. With all the difficulty in attaining REA loans, said Root, the practical answer was a short terms loan which has been approved from the Cooperative Finance Corporation (CFC), a lending agency formed by the electric cooperatives.

In his treasurer's report, Howard W. Montgomery stated that the assets of the cooperative amounted to \$5,280,000, and that the taxes paid by Menard Electric in 1972 totaled \$126,458. Wholesale power costs, explained Montgomery, had amounted to 53.3 per cent of each dollar spent by the cooperative with the total spent for power approaching the \$900,000 mark.

The keynote speaker for the annual meeting was Louis B. Strong, immediate past president of the National Rural Electric Cooperative



Manager John E. Root, left, presents employee Elwin DeLong with a plaque from the cooperative and its directors for 30 years of service completed in 1972.



Re-elected to three-year terms as directors were, from left: Ernst R. Hild of r.r. 1, Illiopolis; Dale Lepper of r.r. 1, Ashland; and C. Kenneth Smith of r.r. 1, Easton.

Association. Strong pointed out that the rural electric systems of our nation own about half of the electric lines which cover 70 per cent of the land mass, but only serve ten per cent of the population.

"We are living," Strong said, "with the concept that electricity is essential and should be available to rural as well as urban America. In the past, you have continued to operate your cooperative with the same rate structure and your growth requirements have offset inflation. But now that's all turned around because of the environmental aspects and the sudden shortage of energy . . . then last December, the Administration eliminated the REA direct loan program and put it under the Rural Development Act . . . the voice and influence of rural America is rapidly declining . . . there is a need for the restoration of the REA low-interest loan funds because electric cooperatives are going to require more funds during the next eight years, more than ever before in their entire history . . . electric cooperatives are going to continue because they won't let electricity fade from rural America."

Eighteen-year-old Diane Dorgan, daughter of Mr. and Mrs. Vincent R. Dorgan of Middletown, was chosen "Miss Menard Electric Cooperative, 1973" at the cooperative's 16th annual beauty contest. First runnerup was Carol Schroeder, 20, of Virginia. Kathy Ackerman, 20, of Athens was chosen "Miss Congeniality." The queen was crowned by Patricia JoAnne Jackson of Mason City, last year's queen.

During the business session of the annual meeting, the members re-elected Directors C. Kenneth Smith of Easton, Ernst R. Hild of Illiopolis, and Dale R. Lepper of Ashland. During a re-organizational meeting in Petersburg, the board elected Alvin R. Davis of Beardstown, president; Howard W. Montgomery of Petersburg, vice-president; Hild, secretary; and Robert F. Zook of Athens, treasurer. Other members of the board include: Hickory H. Hurie of Tallula, James G. Graff of Middletown.



Winners of the 16th annual beauty contest were, from left: Carol A. Schroeder of Virginia, 2nd runner-up; April Blessman of Topeka, 1st runner-up, and Diane Dorgan of Middletown, Miss Menard Electric Cooperative, 1973.



Menard Electric beauties, from left, include: Diane Stahl of Niantic, April Blessman of Topeka, Carol Schroeder of Virginia, Kathy Ackerman of Athens, Kathy Noll of Petersburg, and Diane Dorgan of Middletown.

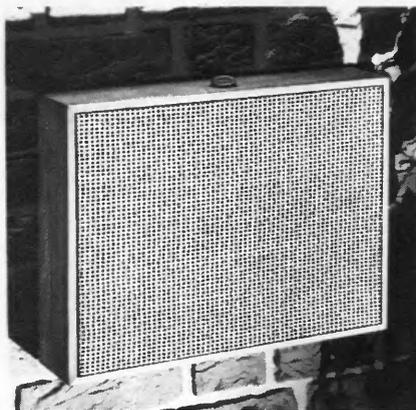
What's New?

A Time Of Crisis

(continued from page 5)

Patio Speaker

Add enjoyment to outdoor living with the Patio Extension Speaker. Complete in a redwood cabinet with attractive cane grille. The unit has a built-in volume control to adjust sound level outdoors. Installs easily with regular extension cord wire. Built to last and survive year-around weather. Manufactured by Argos Products Company.



Hot Pot

A new electric Hot Pot with fashionable avocado color-on-aluminum finish has been introduced by West Bend. The unit features two to six cup capacity, ideal for instant coffee, other beverages, soups and leftovers. The full range selector can be set from low to high with three intermediate settings. The automatic Hot Pot retails for under \$13.00.



Dehumidifier

Admiral has developed a new dehumidifier. The huge 23-pint water container has a built-in handle and a non-spill design. Capacity rating is 14 pints of moisture per day and features a humidistat control which shuts the unit off when preferred humidity level is reached. There is also a direct-to-drain hose connection. The pre-enameled steel housing is finished in Desert Sand.



Salad Maker/Can Opener

Rival's newest 2-in-1 appliance—shreds, grates and slices fruits and vegetables automatically. An all-around worksaver, it also opens cans with smooth efficiency. The salad maker comes with three chrome steel cones. The "Click 'n Clean" removable cutter makes cleaning a snap. It has a top-mounted On/Off switch, and the cord storage ends annoying cord tangle.



under the Rural Development Act.

The assistant general counsel's opinion points out that before a loan may be made under the act, the Secretary of Agriculture must determine that an applicant is unable to obtain credit elsewhere "from private lenders at prevailing interest rates and terms . . . manifestly, also, the prevailing interest rate is not limited to five percent."

Senate Agriculture Committee Chairman Herman Talmadge of Georgia in his address accused the Nixon Administration of "unconstitutional" action in terminating the direct-loan program.

Talmadge said REA is a key element for the continuing effort to improve the quality of life in rural America where "half of the poverty and 60 percent of the substandard housing in America is the burden of less than 35 percent of the total population."

Although the elimination of the direct-loan program over-shadowed the entire meeting, several other items were discussed.

Participants attended various meetings and discussions on rural and community development, the Occupational Safety and Health Act, boards and management, bipartisan political action, financial management, legal affairs, future energy sources and elements of a national energy policy.

Also at the meeting, Charles E. Wykoff of Piekton, Ohio was elected president of the board of directors of NRECA.

Wykoff previously served as vice-president of the NRECA board and replaces Louis Strong of Louisville, Kentucky, who served in that position for three years.

Named as vice-president of the board was John R. Dolinger of Clarksville, Tennessee, and re-elected secretary-treasurer was Paul Ogier of Wallace, Nebraska.

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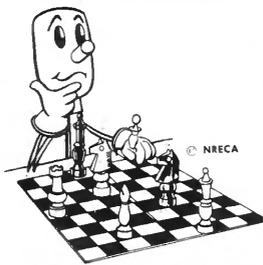
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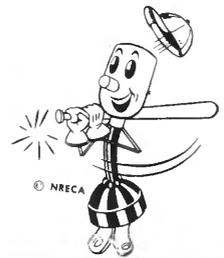
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Menard Electric News



MENARD ELECTRIC COOPERATIVE

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"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

How's Your GFI?

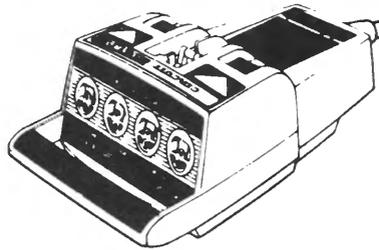
*Federal Law to Prevent Shocks
May Shock a Lot of People*

A device that shuts off the electricity when a person receives an electric shock is now available. The device is called a Ground Fault Interrupter (GFI).

Ground Fault Interrupters are designed to "sense" trouble and open a circuit the instant any stray current greater than 5/1000 of an ampere starts to flow to ground through a person or any object not intended to carry it. The device operates on the principle that the amount of current flowing in the two wires to an appliance is equal when it is operating properly. If there is a "fault to ground," such as a short, the current flowing through the two wires will not be the same. This difference is sensed by the control which shuts off the power. GFIs are intended to protect personnel, not equipment. They should be used in addition to fuses or circuit breakers—not instead of them.

If you frequently use portable tools outdoors, you may be in for a shock, in more ways than one (without GFI protection). Not that portable power tools are that dangerous—especially if they're the double-insulated or 3 wire grounded type. 40-16A

But, how much is it worth to take additional precautions against even that slight chance? The new 1971 National Electrical Code (1) Section 210-22 (d) on Ground Fault Circuit Protection states, "For residential occupancies, all 120-volt, single-



A Portable Ground Fault Interrupter.

phase 15 and 20-ampere receptacle outlets installed outdoors shall have approved ground-fault circuit protection for personnel. The effective date of this requirement shall be Jan. 1, 1973." Ground fault protection is also permitted in other circuits, locations and occupancies. Exact interpretation of the provision is not yet entirely clarified.

Chances are that you've received an electrical shock without actual injury. If you were partially insulated by dry soil, dry shoe soles, or similar nonconductor, the electrical current was unable to complete its path through your body to the ground and you were unharmed. But, given just the right amount of conductivity to the ground, it takes less than 60 milliamps (.060 amps) to be fatal to humans. That's less than it takes to illuminate one tiny Christmas tree bulb.

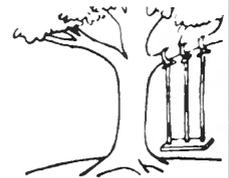
GFIs come in 15, 20, 25 and 30 ampere size, either portable or fixed. For about \$200, one manufacturer offers a portable ground-fault interrupter into which several portable power tools can be plugged at one time. It's an easy way to be sure no tool can possibly become hazardous to personnel from a shock standpoint—while it's in use.

At present it is probably more feasible to protect only the circuits that pose the greatest risks, such as outdoor, kitchen, basement and garage circuitry. Lighting circuits have a small risk in comparison with utility circuits. A portable unit is available if you want protection that can be moved.

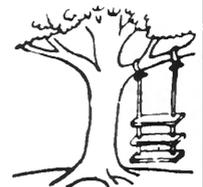
HOW ORDERS GO HAYWIRE!

(From the United Electric News)

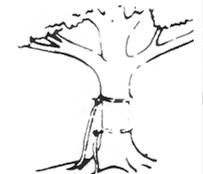
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by sales



As requested
by sales



As engineering
designed it



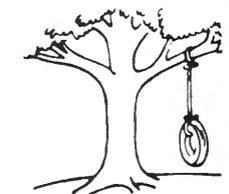
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WITH ELECTRIC HEAT.

Growing Families Require Plenty Of Hot Water

Families planning to add an electric dishwasher or clothes washer would be wise if they analyzed the capability of their existing hot water heater to see if it can handle the extra requirements.

Very often one finds that the existing heater is outdated or does not have enough capacity. At that time the homeowners should consider switching over to an electric hot water heater.

There are many good reasons for choosing electricity to heat water for bathing, washing clothes and washing dishes.

Primarily, the electric water heater is very efficient because all of the heat goes into the water. The heating element is constantly immersed in water.

Quick-recovery units in electric water heaters make it almost impossible for a home to run out of hot water, regardless of how much has been used. Heating elements in electric water heaters require up to 5,500 watts, depending on the size of the tank.

Electric water heaters are automatic and long-lasting. Thermostats make their operation automatic, without the need for switches or buttons. Longer life is attained because the heating element is completely immersed in water, with no possibility of hot water spots in the tank.

Maintenance costs on electric water heaters are inherently lower because they have fewer parts to wear out. The need for flues, vents and burners has also been eliminated.



Nominating committee members, from left are: Seated, Hubert VanEman, Petersburg, District 8; Howard Friedrich, Manito, District 6; William Moldenhauer, Easton, District 5. Standing, Kermit Volle, Mt. Pulaski, District 9; Eldon Rohlfing, Beardstown, District 3; Doyle Taylor, Pleasant Plains, District 2; Larry Lynn, Oakford, District 4; Harold Cassens, Petersburg, District 1, and John L. Knuppel, attorney for the cooperative.

Co-op Comments

Orene Haynes of Petersburg completed five years of service with your cooperative on February 1. Mrs. Haynes is assistant data processing operator in the billing department.

Dorland W. Smith of Havana, completed 15 years of service with your cooperative on February 17. Smith is the staff assistant to the cooperative's manager.

There is still time for high school juniors to enter the essay contest. If you do not have an entry blank, contact the cooperative office.

The per cent of electrically heated new homes have doubled in the last five years, according to a recent Bureau of Census report. The report said that 26 per cent of the new one-family homes sold in 1971 used electricity as the heating energy compared with 14 per cent in 1967.

During the same period, the use of gas declined from 78 per cent to 69 per cent and fuel oil from 7 to 5 per cent. Trend to electric heating in homes not built for sale was also very strong. In 1967, 29 per cent were heated electrically whereas by 1971 the proportion had increased to 38 per cent.



Please don't use your transformer for target practice!!! William Morgan and Roy McDaniel, cooperative employees inspect a transformer that contained nine bullet dents and a broken insulator. Replacement cost: approximately \$200. Report any such violations immediately.

What's New?

● Fun Furnace

Don't throw away your old bottles and glass! Quatre, Ltd., has introduced "Nova" a new electric hobby furnace. The Nova turns bottles and glass into artistic decorator objects. As a plus, you can also perform traditional enameling and firing of greenware and ceramic glazes. It's designed in two sections for tall and short bottles. Each section has its own power cord. The unit weighs less than 10 pounds and plugs into any 115 volt power source. The furnace is available in saffron yellow, pumpkin orange or chocolate brown.



● QuikDrip

"The Great American Coffee Machine" is West Bend's totally new automatic drip style coffeemaker. QuikDrip makes 2 to 8 cups of coffee at the rate of one cup every 90 seconds. The full 8-cup capacity takes 12 minutes. The water is heated to the proper temperature, then flows through the ground coffee to the glass carafe. The Carafe sits on a 70-watt warming plate which keeps it at perfect serving temperature. The unit, which has a permanent polyester mesh filter to assure crystal clear coffee, is available in beige or brown.



Consumer Assembly '73

(continued from page 7)

Freeman told the consumer group that if they don't get involved in the fight over a national energy policy they will end up the real victims of high bills, shortages and a polluted environment.

He conceded that future energy costs will go up but he is convinced the rise need not have a multi-billion-dollar price tag. He wants to buy time by beefing up research and development for new sources of cleaner energy.

"Long-term energy needs will only be met at reasonable prices in terms of dollars and the environment when the federal government launches a unified, vigorous research and development effort," Freeman said.

"With an Apollo thrust by 1985, the U.S. could develop at least seven new sources of cleaner energy. I contend that the country can research and develop itself out of an energy crisis with federal funding of \$1.5 to \$2 billion per year. That's about three times the present spending."

Another speaker at the assembly was Senator Phillip A. Hart of Michigan who stressed campaign financing reform and easing economic concentration as the steps needed if the "people" are to win in their battle with the "power brokers."

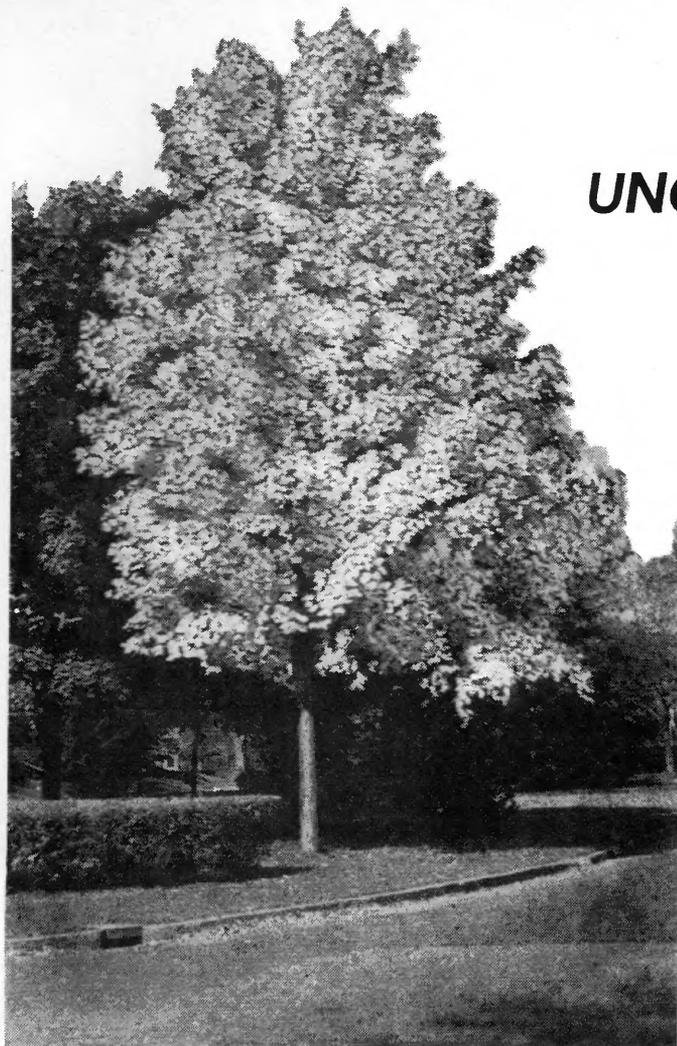
Other speakers included: Herbert S. Denenberg, Pennsylvania Insurance Commissioner; T. Donald Rucker, an advocate of reform of the pharmaceutical business; Robert McNeil of the Public Broadcasting System, and Ogden J. Johnson and Robert E. Wilmoth with the Food and Drug Administration.

NEW THUNDERBOLT CHARGER

Solid-State
Free Literature

Charge your electric cattle guard & electric fence. No insulators on wood posts. Shocks through many wet weeds. Operates on 110 volts. 2 year free warranty \$39.50 postpaid. 60 day refund trial period. Free Tester with order. Dealers wanted. SE-MAR PROD., INC. Dept. 41-8, Corunna, Mich. 48817.





Actual unretouched photograph of a five year scarlet maple.

**UNQUESTIONABLY THE MOST
BEAUTIFUL
FAST GROWING
SHADE TREE
IN AMERICA TODAY**

- This gorgeous tree is known as the scarlet maple, the red maple, or the EVER CHANGING MAPLE.
- Beautiful Red Scarlet leaves in the fall of the year, and beautiful deep dark green leaves in the spring of the year.
- Grows approximately 30-40 feet over a five year period, which makes it one of the fastest growing shade trees in America today.
- Many landscape architects, nursery men, and gardening experts refer to this tree as the "2 in 1" tree, because of its dual qualities of beauty and speed.
- Now is the ideal time to plant this tree.
- Shipped at 4 to 6 feet — all shipping cost paid.
- Due to the tremendous demand for this tree please allow two weeks for delivery.

Beauty — This beautiful shade tree blazes a brilliant red color in the fall and an olive green color in the springtime. Yes, recognized tree experts agree it is the one tree that delivers beauty throughout the year.

Height — This magnificent tree grows approximately 30 to 40 feet over a five year period (see photograph) and eventually soars to a height of eighty feet or more.

Hardiness — This tree is very hardy as the wood from maple trees is recognized as the hardest anywhere.

Adaptability — "The scarlet maple has one of the widest ranges of our native trees, growing from eastern central Canada to Florida, and because of its ease of transplanting it adapts to any type of soil." (From *All About Trees* by E. Johnson). The one tree experts agree will grow anywhere in the U.S.A.

TO BEAUTIFY YOUR HOME NOW ORDER TODAY ON A TWO WAY GUARANTEE

Imagine! This beautiful tree shading your front yard and the looks of admiration and words of praise it will bring to your house and home. You'll agree it lends lovely contrasts to its surroundings. Now the retail price of this tree is \$4.98, but during this spring planting season our price is only \$4.49. Yes, just a mere \$4.49 for this beautiful shade tree. **ORDER TODAY—YOU WILL BE PLEASED.**

TWO WAY GUARANTEE

We are so sure that this is the most incredible shade tree that you've ever seen, here is our 2-way, ironclad guarantee: (1) If, upon arrival, you are not completely satisfied, then return for a full refund; (2) Free replacement, for any reason, up to one full year. When have you ever seen a stronger guarantee?

OUR CHALLENGE TO YOU

It's almost too good to be true, but we feel so sure that these trees are some of nature's most prized possessions that we are making you an outstanding offer. Our knowledge and experience of many years and our own research about this tree gives us confidence in the following challenge. If you can find just one negative comment by an expert printed in any magazine, periodical, or gardening book, we will give you any item from our catalogue of over 400 varieties absolutely free of charge. We send a catalogue with every order. This offer is hard to beat! We are sure that anything you read anywhere about this beautiful scarlet maple will have nothing but praise and acclaim.

NURSERY BARN

Dept. IR-2

RFD #1 McMinnville, Tenn. 37110

Please send us these beautiful shade trees, on a two-way guarantee, the trees indicated below.

- | | |
|---|---|
| <input type="checkbox"/> 1 Shade Tree\$ 4.49 | <input type="checkbox"/> 4 Shade Trees (Save \$6).....\$11.98 |
| <input type="checkbox"/> 2 Shade Trees (Save \$2).....\$ 6.98 | <input type="checkbox"/> 8 Shade Trees (Save \$12)....\$21.98 |
- I enclose \$_____ in cash check money order

Name _____

Address _____

City _____ State _____ Zip _____



Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

© NRECA

© NRECA

New Year's Surprise

Like a bolt of lightning came unofficial word from Washington that two percent loans from the government to electric cooperatives were stopped!

The source indicated no more direct loans to electric cooperatives would be made. Instead a form of guaranteed or insured loans would be substituted.

Needless to say this is a staggering blow to Menard Electric Cooperative, and will require a new look at future economic planning.

With the help and understanding of our members, we will meet the challenge. In recent years many members of Congress have become disenchanted with the direct and indirect benefits of the program to the total economy of the United States; therefore, are less willing to appropriate sufficient funds to satisfy the loan needs of electric cooperatives.

Last year it required a great deal of effort on the part of rural electric leaders to get release of 109 million of \$216 million being impounded by the Office of Management and Budget. \$107 million was never released.

Realizing this great difficulty in securing public funds for loan needs, the electric cooperatives formed their own lending institution called National Rural Utilities Cooperative Finance Corporation. Knowing time would be required to fund and develop this institution (CFC), an arrangement was worked out with REA to supplement the money appropriated by the Congress.

For example, Menard Electric Cooperative received a concurrent loan in 1972 consisting of 80 percent

from REA and 20 percent from CFC. We presently have another application in Washington (frozen) in the ratio of 70 percent REA and 30 percent CFC.

Although this arrangement would be difficult to finance, we were attempting to assist in making REA loan funds go as far as possible, but suddenly and abruptly we have learned the REA Loan Program as we have known it, has been stopped.

We urge you to write your Congressman and Senators and ask them to do all they can to restore this program to its former purpose, as it was before being suspended by executive order.

Co-op Comments

Our sympathy is extended to the C. Harold Knap family of Illiopolis. Mr. Knap expired on December 20, 1972. He had served your Cooperative many years as an outage reporter in the Illiopolis area. Mrs. Knap has indicated her desire to continue as an outage reporter for your Cooperative.

NEW OUTAGE REPORTER—Mr. & Mrs. Delbert Fairweather, R.R., New Berlin, are the new outage reporters in the New Berlin area. Their phone number is 488-7031. The Fairweathers replace Mr. & Mrs. Ed Stapleton, who have served for many years as outage reporters and we extend our thanks to them for the devotion and service to your Cooperative.

Albert Hinrichs of Petersburg, completed 35 years of employment with your Cooperative on January 1,

1973. Al is Systems Engineer for your Cooperative. Our congratulations to Al and his wife, Irene, upon this anniversary. No doubt about it—he has seniority on the rest of us!

REA Facts

Before REA loans were available in 1936, only 10 percent of America's rural areas had central station electric service. Today, that figure is over 98 percent.

Rural electric cooperatives own and maintain 46 percent of the electric distribution lines in the United States; but they own only one percent of the nation's generating capacity.

Rural electric cooperatives are pledged to serve all within their service areas. They average 3.7 consumers and \$696.00 annual revenue per mile of line—while most commercial utilities average ten times as many consumers and \$10,499.00 annual revenue per mile of line.

In view of this low revenue and other handicaps in providing rural service, the REA interest rate was set by Congress at two percent. Commercial power companies, as well as cooperatives, were eligible to borrow money from REA at the same rate if they met the same requirements—that is, use the money to electrify rural areas and agree to serve all persons living in the service territory.

As of January 1, 1972, the REA had advanced more than \$7 billion in loan funds to 1,100 rural electric systems. These systems have paid back to the Government \$3.8 billion on their loans. This includes \$2.2 billion repaid on principal as due, \$301 million of principal paid ahead of schedule, and \$1.3 billion in interest.

ILLINOIS RURAL ELECTRIC NEWS

Annual Meeting March 10

Make plans now to attend your cooperative's 36th annual members meeting to be held March 10 at Prairie Run, 3-1/2 miles south of Petersburg on state route 97 and 123.

Louis B. Strong, president of the National Rural Electric Cooperative Association and statewide manager of the Kentucky Association of Electric Cooperatives, will be the guest speaker.

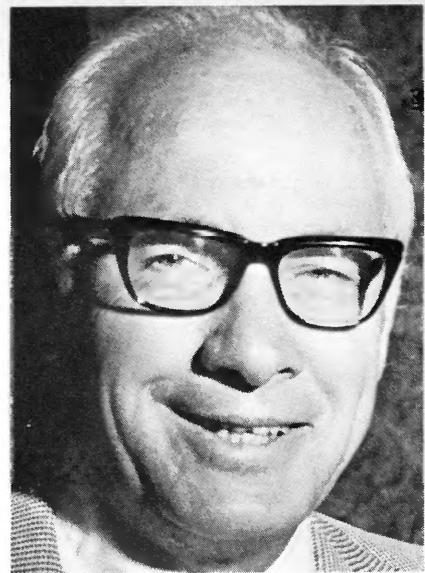
Strong was one of the first consultants to be sent by the U. S. State Department under the A.I.D. pro-

gram to study the feasibility of rural electrification in emerging nations of the world.

He has been affiliated with the electric cooperative program for several years. With the current loan funding crisis at hand, we are sure his address will have a special significance to our members.

The meeting, which will begin at 1 p.m., affords each cooperative member an opportunity to voice an opinion on the business affairs of the cooperative.

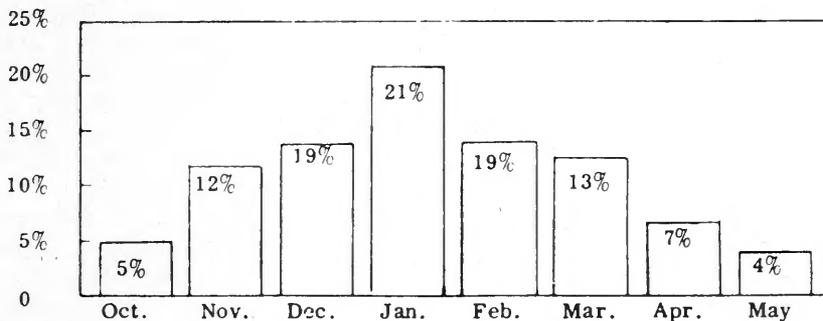
Be sure to attend.



Louis B. Strong

Monthly Requirements For Average Heating Season

The chart below illustrates how home heating requirements vary from month to month in an average winter.



Sub-zero mornings leave you cold? Start fast . . . electrically

Some people cuss a lot on a cold, winter morning.

Some people bum a ride from a friendly neighbor.

And, some just ignore the futile attempts to get a cold motor started and stay inside where it's warm. (This is frowned on by some employers, or

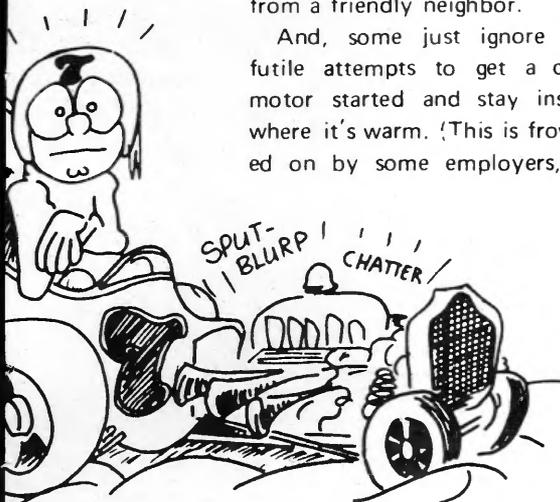
wives who need something from downtown.)

The easy way of overcoming the headaches and long walks that might result from an engine that won't start is to install an electric heater.

And, the small, easy-to-install units are handy to have on tractor and truck, as well.

There are many kinds of units available, and the first below-zero morning that you can hop in your vehicle, turn the switch, and take right off will more than pay the cost in calm tempers.

Check into them today . . . for an easier winter.



Save a Watt

THE SEPTEMBER issue of *Current Ripples*, published by the Wabash County REMC for its members, carried some good suggestions on how members could save money on their electric bills.

Some of the cost cutting advice we have seen before, but several ideas were new to us, including the following:

— Keep your wife from setting the furnace thermostat too high. Train her to keep on the move and keep warm nature's way.

— Cook everything rare. A little step each day and you can soon eat it raw.

— Marry girls off young. Let some other dope heat their irons.

— Go to bed earlier.

— Don't bathe your kids too often. If they smell, send them outside to play.

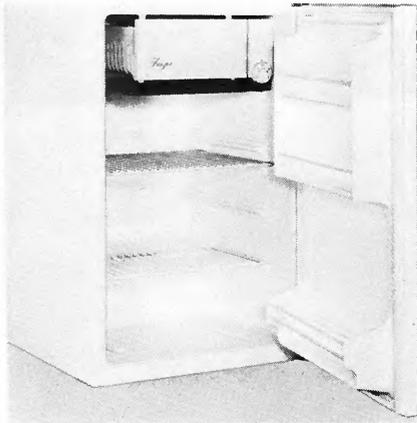
— Ditch your TV set.

— Don't pay your electric bill and be disconnected. This will save everything.

— Go to church frequently. While there, your TV, radio, and other equipment will not be in use.

— Visit your friends and relatives as often as possible. Accept their invitations to stay for meals—even for baths if invitations can be wrangled. Their water is just as good as yours.

What's New?



● Mini-Refrigerator

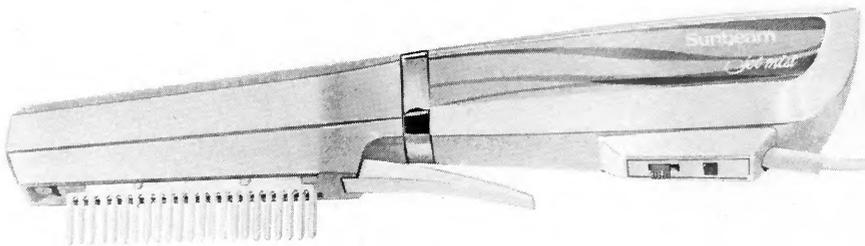
A 5.4 cubic foot refreshment refrigerator, designed for the home bar, den or recreation room is now available from Sears, Roebuck and Co. The new counter-high refrigerator has a small freezer section with a cube tray and is equipped with two adjustable shelves to allow for tall bottles. The compact Cold-spot is large enough to accommodate three 6-packs of 16-ounce beverage cans.

● Waste Disposer

The In-Sink-Erator Division of Emerson Electric Company introduces a new design in garbage disposals. It allows the wastewater to move out with greater flushing power, minimizing drain line clogging. The unit includes an automatic reversing action which doubles the life of the shredder parts. It also has polyfoam insulation around the grind chamber which reduces noise. The disposer has a one-half horsepower motor. Its stainless steel grinder prevents corrosion.



● Jet-Mist Comb



New from Sunbeam, the "Jet-Mist" heated comb offers instant wet styling or warm air drying at the touch of a lever. The Jet Mist delivers a large volume of fine spray while warm air provides dry-

ing power. The comb is convenient for home use or travel. It's great for nails, too. It comes with a wide tooth plastic comb, metal comb and a double-row bristle brush. The suggested retail price is \$23.98.

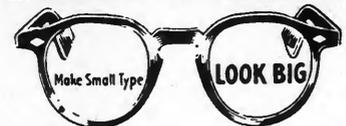
Grain Drying-

(Continued from page 10)

keeping the unit in operation during periods of high humidity, stopping the unit when the temperature drops below freezing, removing the finds from the grain and careful distribution and leveling to insure even air flow . . . The elevators were unable to get fuel enough for drying or to dry fast enough to keep up with deliveries and were forced to pile corn out of doors. Conventional dryers were using from 50 to 100 percent more fuel and operating very slowly while the low temperature dryers were drying corn to 15 to 16 percent in a little longer time than experienced in previous years. The users are well satisfied with low temperature drying."

Marvin A. Lauterjung, farm sales adviser, Illinois Power Company, Decatur: "In checking with electric suppliers and manufacturers throughout Illinois, we estimate that there are at least 400 electric low temperature grain drying units operating in Illinois . . . A bin should only be filled half full with 30 percent moisture grain. When this grain is dried to 22 percent continue to fill the bin . . . The bin can be filled in one day if necessary providing the grain is below 22 percent moisture . . . The two features of electric low temperature drying which have impressed farmers using it are the fast rate of fill and the high quality of grain produced by this system. Electric low temperature grain drying systems can be installed in corrugated steel bins or converted ear corncribs . . . After this past grain drying season we must agree that this method of conditioning grain was proven acceptable and has benefits for the farmers and grain processors in Illinois."

MAGNIFYING GLASSES



A Blessing For Folks Over 40

Read newspaper, telephone book, Bible and do close work easily. SEE CLEARER INSTANTLY. Not Rx or for astigmatism or eye diseases. 10 day trial. Sturdy, good-looking. Glass precision ground and polished; metal hinges. Send age, sex. SATISFACTION GUARANTEED. On arrival pay postman \$4.95 plus C.O.D. or send only \$4.95 and we pay postage. PRECISION OPTICAL CO., Dept. 109-A Rochelle, Ill. 61068

New! From Mutual of Omaha!

Three way protection

that covers you both IN and OUT of the hospital

UP TO
\$5,000.00

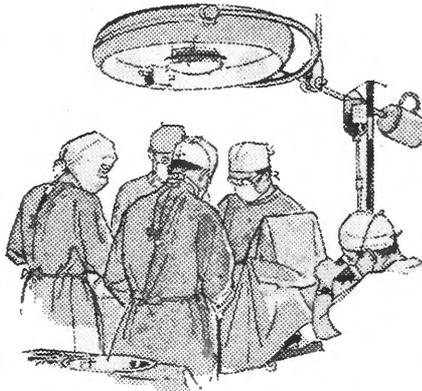
FOR DOCTOR CALLS AND
HOME CARE



Doctor Calls and Home Care—Pays up to \$5,000.00 on a scheduled basis for out-of-hospital doctor bills, drugs, medicines, X-rays and lab tests, private duty nursing care, plus much, much more. Even includes benefits for charges made by a hospital for a planned program of continued home care following hospital confinement. Covers the whole family.

PLUS UP TO
\$15,000.00

FOR IN-HOSPITAL, SURGICAL-
MEDICAL BILLS



Hospital-Surgical-Medical—Pays up to \$15,000.00 on a scheduled basis for in-hospital doctor calls, medicines, drugs, lab tests, operating room costs, surgical fees and much, much more. In addition, pays from \$10.00 to \$60.00 a day (depending on the plan you qualify for) for hospital room and board... pays **DOUBLE** the daily benefit selected when confined in an intensive care unit.

PLUS UP TO
\$800.00

A MONTH
FOR REGULAR
LIVING EXPENSES



Living Expenses—Pays from \$100.00 to \$800.00 a month (depending on the plan you qualify for) to help take care of regular living expenses when the family breadwinner is disabled and can't work. As explained in your policy, these *tax-free* benefits are payable for disabilities that start before retirement or age 65. Special benefits are payable for disabilities that start thereafter.

FOR MORE INFORMATION CONTACT THESE GENERAL AGENTS

L. Earl Cutler
7600 West Main Street
P.O. Box 965
Bellefonte, Illinois 62223
Phone AC618-398-1950

S. B. Stottrup
111 East Decatur
Decatur, Illinois 62525
Phone AC217-429-5495

A. H. Harris
1119 South Sixth Street
Springfield, Illinois 62705
Phone AC217-528-3434

W. C. Hayes
407 Rockford Trust Building
P.O. Box 419
Rockford, Illinois 61105

Jack B. Williams
Jack Williams Division
285 South Plazaway
Cape Girardeau, Missouri 63701
Phone: AC314-334-2841

R. L. Thomas
309-10 Bondi Building
Galesburg, Illinois 61401

Free Facts about how you
can get more for your money

Mutual of Omaha will furnish money-saving facts about its comprehensive new health insurance coverage that protects you until you become eligible for Medicare at age 65. After 65, benefits are modified to supplement Medicare.



The Company that pays

Life Insurance Affiliate:
United of Omaha

MAIL THIS COUPON TODAY!

Mutual of Omaha
Omaha, Nebraska 68131

Dept. 2R

Please rush free facts about Mutual of Omaha's new "Three-way" protection plans that are now available in my state.

Also rush FREE information about fine, modern low-cost life insurance programs available to my family from United of Omaha.

I am over 63. Please furnish me FREE facts about new "Extra Security" hospital income plans available in my state.

Name _____

Address _____

STREET AND NO. OR R.F.D.

City _____

State _____ Zip Code _____

IF UNDER 18 HAVE PARENT SIGN HERE



Menard Electric News



MENARD ELECTRIC COOPERATIVE

Petersburg, Illinois 62675

Phone 632-7746

"News about Electrified Farms and Homes in the Heart of the Lincoln Country"

Co-op Comments

As we usher in the year 1973, the employees and directors of your cooperative extend New Year's greetings to you, our members. OUR wish for you is the best year ever.

36th ANNUAL MEETING

Your cooperative's 36th annual meeting will be March 10 at Prairie Run, Home of the Illinois Country Opry, 3-1/2 miles south of Petersburg on State Route 97 and 123. The meeting, which will begin at 1 p.m., affords each cooperative member an opportunity to voice an opinion on the business affairs of the cooperative.

Each member has one vote and the very success of your cooperative depends upon your active interest and participation.

At the business meeting, members will hear reports from the officers and manager of the cooperative and will elect directors to represent Districts 2, 5 and 9 for three-year terms.

Louis B. Strong, president of the National Rural Electric Cooperative Association and statewide manager of the Kentucky Association of Electric Cooperatives, will be the featured speaker for the meeting.

Strong, an outstanding speaker, has been affiliated with the Rural Electrification program for many, many years. He has a message for everyone to hear and we are sure that you will be impressed with him as he visits with members of Menard Electric Cooperative on March 10.

Mark your calendar now and plan to attend your annual meeting.

Thinking of building a new home or remodeling your kitchen? We have a few copies of "Homes for Rural Electric Living" which are available on a "first come-first serve" basis. If you are interested in receiving a copy of this booklet which shows numerous designs for homes,

Service Awards Are Presented



Manager John E. Root, right, congratulates recipients of service awards given at the recent employee-director dinner. Award winners, from left, are H. H. Hurie, director, Tallula, 5 years; Howard W. Montgomery, director, Petersburg, 10 years; Raymond VanOrman, director, Forest City, 5 years and Elwin DeLong, staking Engineer, Petersburg, 30 years. Absent when picture was taken: John Diehl, stores clerk, Greenview, 20 years.

please stop by the cooperative office and ask for a copy.

As this article is being written, employees of your cooperative are completing the job of restoring service to the hundreds of homes which were without electricity for periods of time extending to three days. This was the worst ice storm which has hit the central Illinois area since the early 1920's, according to many of the residents which this writer has talked with in the period of December 12-18, 1972.

Your employees worked long and hard hours to restore electrical service as soon as possible to all our members. This was indeed a long and laborious job. We appreciate the cooperation and consideration which our members exercised during those cold days.

In addition to our employees, our thanks also go to the 25 men from various parts of Illinois who assisted in restoring service and to their organizations which allow-

ed them to work for us. The cooperation of our members and employees is another example of the adage: the finest people are found in central Illinois.

Again, our thanks to all of you.

Tips on Cords

In addition to selecting the right type of approved cord for the job on hand, here are a number of other safety rules that should be observed whenever electric extension cords are used:

Never run cords over radiators, pipes or other grounded metal. If heat or abrasion causes insulation to dry out and crack, a dangerous short circuit can occur.

Never allow cords to run under or over a door, or under rugs.

Do not connect cords by plugging them into lamp sockets.

Never yank a plug out of its socket by pulling on the cords. Instead always reach down and grab hold of the plug itself to remove it.

Essay Contest For D.C. Tour

The directors of Menard Electric Cooperative are pleased to sponsor an essay contest which will permit two high school juniors from the cooperative's service area to win a week's all-expense paid trip to Washington, D. C. and other points of interest.

Essays are judged on originality, accuracy of facts, content and composition. Winners will leave Springfield on June 9 and will return June 16.

CONTEST RULES

1. WHO may enter: Any high school student enrolled in the 11th grade and attending a high school serving, or substantially serving, the same area as Menard Electric Cooperative.

2. HOW to enter: Write an essay containing at least 500 words, but not exceeding 1,000 words, entitled "Menard Electric Cooperative—Its Role in the Seventies."

3. FORM of entry: Essays should be typed on 8-1/2 by 11 paper, doubled spaced, one side only.

4. MAILING the essay: Essays should be mailed to Menard Electric Cooperative, Petersburg, Illinois, 62675, no later than April 1. Completed entry blank must accompany essay.

5. JUDGING: Final judging will be based on 20 points each for originality, composition, accuracy of fact, contents and oral answers to judges' questions. Judging will be completed by May 1 by competent business and professional people within the cooperative's area.



Winners of the 1972 essay contest were Denise Hinck, left, of Middletown, presently a senior at New Holland-Middletown High School, and Denise Satorius, Petersburg, presently a senior at PORTA High School.

JANUARY, 1973

16th Annual Beauty Contest

A Feature
Of Menard
Electric's
Annual
Meeting
March 10



Patricia Jackson of Mason City, center, Miss Menard Electric Cooperative of 1972, with the two runners-up: Barbara Engel, left, of Athens, and Paula McGinnis of Mason City.

Selection of "Miss Menard Electric Cooperative, 1973" will be one of the highlights of your cooperative's annual meeting on March 10. Qualifications for candidates are listed below. Young ladies who qualify are asked to send in the coupon requesting an entry blank as soon as possible.

RULES

1. Unmarried girls between the ages of 16 and 21 (must not have reached 22nd birthday before March 1, 1974) are eligible to compete.
2. Contestants must be a member of a family residing in a home served with electric service from Menard Electric Cooperative.
3. Previous first-place winners are not eligible to enter.
4. Previous contestants in the Association Of Illinois Electric Cooperative's beauty contest are not eligible, regardless of placing or year entered.
5. Number of contestants: Contest will be limited to 15 contestants. Entries will be accepted on first-come, first-served basis. Contest manager will determine eligibility of entries and when entries will no longer be accepted.

AWARDS

First Place: \$25, trophy, sash emblematic of title, tiara and all-expense paid trip to the Association of Illinois Electric Cooperatives' annual meeting in Springfield representing Menard Electric Cooperative in the 1973 "Miss Illinois Rural Electric" contest.

Second Place: \$25, trophy, second-place ribbon and the opportunity to serve as an alternate to the AIEC beauty contest.

Third Place: \$25, trophy, third-place ribbon and the opportunity to serve as second alternate to the AIEC beauty contest.

Twenty-five dollars will be given all other contestants for their appearance.

MAIL BEFORE FEBRUARY 21

MAIL TO:

Menard Electric Cooperative

P.O. Box 179

Petersburg, Illinois 62675

ATTN: Beauty Contest Committee

Please send beauty contest entry blank to:

NAME.....

ADDRESS

PARENT'S NAME.....

SENT IN BY

What's New?



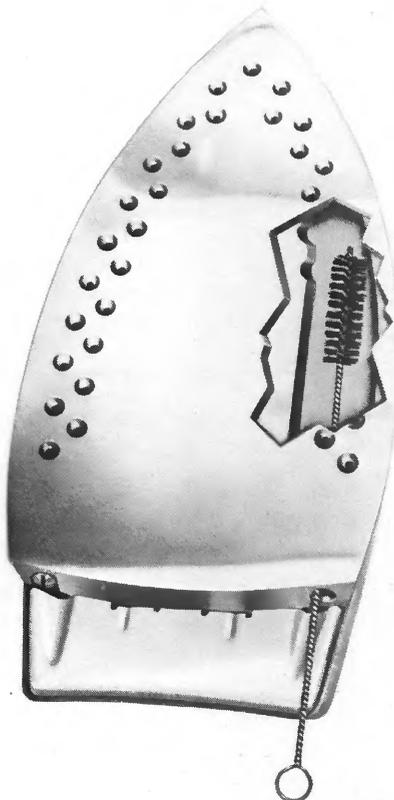
• Chalet Chef

West Bend has developed a beautiful, electric chafing skillet called the Chalet Chef. The new appliance features porcelain-on-aluminum construction in a warm, butterscotch

color. The no-stick interior is ideal for cleaning. The two-quart blazer pan converts the unit into a chafing dish, a lovely setting for any table. The item comes complete with an automatic, removable heat control.

• Clean Steam Iron

The first iron that can be cleaned on the inside has been developed by Westinghouse. It comes with a brush that will remove burned lint and water scale particles from the steam channels. You can clean it from the inside by merely removing two plugs on the back of the iron and inserting the brush. The Clean Steam iron also has the exclusive Fabriscope gauge that shows when the iron reaches the proper temperature, a Fabri-Guide index for quick reference to the proper setting for modern fabrics and a safety heel rest. The suggested retail price is less than \$27.



Westinghouse 4-H Awards

(continued from page 10)

his parents are members.

"Dean Searls, (manager of the cooperative) has been a great incentive to me," Robert said. "Not only has his cooperative people helped us in our electrical workshops, but Mr. Searls also helped me get into the National Society of Professional Engineers."

Searls was on hand to see Robert receive his scholarship. He seemed very pleased and proud that one of the 4-H'ers from his service area had won one of the national awards.

And you thought that the cooperatives didn't get anything for their involvement with 4-H.

MAKE BIG MONEY IN UPHOLSTERY AND FURNITURE RESTYLING

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