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Manager's Report

By ARTHUR H. PEYTON, Manager

ENERGY- The Big News

For weeks, months (years?) to come, the big news will be the energy crisis. Evidence, reports and opinions are flooding in that it is now official. No doubt about it, it's serious. Who will be affected and to what extent, remains to be seen. But one thing is sure, the good old days of unrestricted energy consumption are gone until adequate new energy sources are developed.

Government, industry, consumers, all have been a party to unplanned increases in energy use, to wishful thinking, to honest, but misguided overreaction, against energy source development and perhaps most of all to the almost sacred notion that this land of plenty could always provide everything we need and that American ingenuity could always find a way. President Nixon, in his TV message, may not have been overdramatizing the situation in calling for a national effort and dedication, such as spawned the Manhattan Project on atomic energy and put men on the moon.

The fact remains that energy must be available, not in less, but greater quantities. This whole subject will be foremost in everyone's mind for some time to come and we will keep you posted on matters of particular significance.

One of the most publicized sources of energy is the 800 mile trans-Alaskan pipeline. Rugged country and ecological considerations are not the only difficulties. Temperatures of 65 degrees below and winds of 50 mile per hour are common in that area, creating special problems for the medium transformers (860 kva to 13 mva) along the line. According to a design engineer on the project, the

construction crews will need pumps, special welding rods, special radiator tubes, special everything. Among the changes, a new steel tank that will withstand - 70 degree temperatures.

A project now under development is the Fast-Breeder Reactor Plant at Oak Ridge, Tennessee. A breeder reactor power plant will produce more nuclear fuel material than it uses while it is generating electricity. Breeders will utilize uranium resources about 30 times more efficiently than present nuclear reactors, providing a fuel supply that will last for centuries rather than decades.

The plan is to have the plant on line in 1980 and is jointly funded by the Federal Government, electric utilities throughout the country and segments of the nuclear utility industry. Other manufacturing segments of industry will also participate. Nearly 380 electric systems across the country, including McDonough Power, have pledged more than \$245 million, the largest industry commitment ever for a single energy research-and-development project. Westinghouse will contribute \$7.3-million, environmental services valued at \$300,000 and has offered to make some equipment contributions. Contributions from other reactor manufacturers and equipment manufacturers in the industry are also expected.

Concurrently with the conduct of the project, the Atomic Energy Commission is continuing with the development of liquid metal fast breeder reactor technology on a priority basis to assure the Nation of an option for an essentially unlimited supply of clean energy.

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- James Vandiver Plymouth
- John Dickerson Cameron
- Reggie Brown Vermont
- David Whitman Blandinsville
- Lewis Edwards Rushville
- Gene Thompson Smithfield
- Norman Fishman Good Hope
- Robert Runyan Bushnell
- Daniel Gillette Avon
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PAGES **837-1400**



LADIES
SAY

Clothes May Make the Man

But don't ask him what they are made of. A USDA report of a nationwide survey points up misunderstanding among men about fibers and permanent press finish in their dress shirts. This, of course, is hardly news to the wives and mothers who bought the shirts for almost half of the men interviewed. Men taking part in the survey were asked to show the interviewer a sample of the type of dress shirt he wore most often. About one in four described the fiber and finish features incorrectly.

The survey also indicated some points to keep in mind when buying clothes for the men in your life. Most men said style and color usually mattered most to them in dress shirts, light-weight sport shirts and slacks. But fiber ranked second to style in undershorts. Brand name was least important for all four items.

In general, the men interviewed indicated 100 percent cotton fiber was more comfortable on the skin and absorbed moisture better than 100 percent synthetic fiber. For dress shirts, light-weight sport shirts and slacks they gave highest marks to a blend of cotton and synthetic fiber with a permanent press finish.

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



ELECTRIC HEAT

Electric heat is becoming the most popular heat to install since the shortage of the fossil fuels. We, at the cooperative, have mixed emotions about this windfall.

If the heat is properly engineered and properly installed with the correct amount of insulation, the electric heat can be a thing of joy for both the member and the cooperative.

Should it be installed without regards to proper sizing, a furnace which is too large as well as too small, wiring, insulation and installation, everyone suffers — you, in outrageous energy bills and discomfort and the cooperative by the waste of energy.

It is also possible you will be refused a hookup or increase of power if heating does not meet the cooperative specifications.

For new or old homes, if you plan on electric heat, contact your cooperative office.

OPERATING DEPARTMENT IDENTIFICATION

Our operating department employees will begin wearing identification badges December 1. These 1½"x2" metal badges show employee's picture and name and

McDonough Power Cooperative embossed into the metal. Our men drive yellow vehicles with green and white stripes which further helps to identify them as employees of your cooperative.

COMPUTER BILLING

Your cooperative is now on computer billing. After our first month's print-outs, we note there are several members with small debit or credit balances remaining on their account. We find that a majority of them are due to the member not rounding off their meter readings.

As you will note on your self billing book and rate chart, the member is to round off meter readings to the nearest "0" when the usage is 300 KWH or under. If your usage is over 300 KWH each month, you are to round your meter readings to "00."

Since some members have rounded their meter readings to the nearest "0" or "00" and the computer automatically rounds the reading, this is the reason for the balance on a member's ledger. After the computer rounds the readings to "00", it cannot be changed. You may cause your billing to be higher if you read meter in other than "00" endings.

WE BELIEVE

Looking ahead as well as in the past, we are anticipating several high bill complaints this year.

This will probably come about from added electric heaters should our members run short of fossil fuels. We have talked to several members who have added, and who plan to add, this type of auxiliary heat. We have warned these members of the possible added jump in their energy bill. For every 1,000 watt heater that is on for one hour, is one KWH on your meter.

Not only is a higher energy bill likely, but you could also cause your own blackout by overloading your wiring.

Please contact the cooperative if you plan to add heaters.

Had the course?

Fed up with bad drivers around you? Then learn to drive defensively. Contact your local Safety Council, Chamber of Commerce, Traffic Court, or Chief of Police about enrolling in the National Safety Council's Driver Improvement Course. It could be one of the smartest things you ever did!



what's new?

Vinyl-Clad Freezer

Kelvinator offers a wood grain vinyl-clad food freezer. The 8.27 cubic-foot unit is especially suitable for use in apartments, mobile homes, family rooms or in other areas where space is at a premium. The freezer features Trimwall construction, a foam insulation that takes up less space. The unit has a capacity of 289 pounds of frozen foods, and is only 35 inches by 23 13/16 inches deep, including handles and hinges.



Dial-A-Matic

The Hoover Automatic Power Drive Vacuum Cleaner is self-propelled by an "action grip." A light touch on the handle moves the unit forward or to the rear. Standard features include a lockout button for manual control, wide angle headlight, a power dial to regulate suction, a signal that lights up when the bag is full and the automatic floating rug adjustment adapts to shag, low pile or anything in between. The suggested retail price is \$169.95.

Price Controls O Asked B

WASHINGTON, D.C. (CNS)—Three leaders of consumer groups asked in a press conference here for price controls on fuel supplies to prevent the poor from being left out and oil companies from getting excess profits.

Speaking in behalf of the consumer were Ralph Nader, the nation's best known consumer advocate; Lee White, chairman of the Energy Policy Task Force of the Consumer Federation of America, and the Rev. Jesse Jackson, director of the Chicago-based PUSH (People United to Save Humanity).

Nader said that industry, which uses 70 percent of the fuel in the nation, could trim consumption by 30 to 40 percent simply by not being wasteful. He mentioned General Motors, International Telephone and Telegraph and Radio Corporation of America as examples of large industries which might save from 10 to 25 percent on fuel without spending a cent.

"They simply apply thrift factors—so as to not use unnecessary amounts of fuel," said Nader. He listed these as cutting down boilers when not needed, trimming electrical use and shutting off machinery when not in use, among other things.

All three charged that oil companies withhold large amounts of oil reserves from the market. They said oil companies could obtain vast amounts of oil through secondary and tertiary recovery methods. They charged that oil firms take only about one-third of the oil from a field because it's cheaper to do so. They then move on to other fields, including overseas, where the drilling costs are much lower than in the U.S. One estimate is that the drilling cost per barrel in the U.S. is \$2.40 compared to 6¢ a barrel in some Mideast nations.

Nader said he will ask the nation's top 100 firms what they are doing to save fuel and will ask teams of

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Mix 4 cups of love, 2 cups of loyalty, 3 cups of forgiveness . . . Here's a recipe for everyone in the family . . . a recipe that anyone can try and is guaranteed to come out beautifully as long as you follow the instructions! It's a recipe for happiness . . . it's a recipe that will make your life deeper and more profound. Yet it's told so simply and directly, no one can fail to appreciate its message. In fact it's all the wisdom you'll ever need to keep your home full of joy . . . help you over the rough spots . . . and remind you of the contributions you must make to keep love alive and make it grow.

But this piece is more than a message, it's a beautiful decorator piece printed in full color on fine linen and finished with hardwood rods top and bottom. Just to look at it will lift your spirits. An ideal gift . . . a homey reminder that all life expects is for you to put in as much as you'd like to take out. A full 14" x 17" it's yours for only \$1.99, and since it has such universal appeal, why not order another as a thoughtful gift, two for just \$3.50 (please add 50c postage and handling with each order).

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Manager's Report

By ARTHUR H. PEYTON, Manager

Don't Neglect Your Electric Motors

While an electric motor is one of the most efficient machines known today and will operate with a minimum of attention, systematic care means not only fewer motor failures, but lower repair costs. A number of common enemies to motors are set forth below:

DUST	STRAY OIL
MOISTURE	FRICTION
MISALIGNMENT	VIBRATION
	OVERLOAD

Electric motors are often the most neglected items in the entire mechanical inventory of the average farm and home. They require little attention so it is sometimes easy to forget them entirely.

This neglect may often cause some critical situations and economical embarrassment.

Many small motors in use on the farm are the open housing type. Openings at the front and rear of the motor housing allow a fan on the shaft to pull air through the motor to cool it. This may force cobwebs, chaff, dust, insects, weed fuzz and other foreign matter between the housing and the motor. Most of this blows through but, in time, enough may cling inside to foul up the centrifugal switch and burn out the starting windings in the motor.

The centrifugal switch should be cleaned periodically. Such labor may save the expense of buying a new motor.

Most induction motors feature a starting winding and a running winding. The starting windings are coils of light gauge wire. Their purpose is to start the motor shaft turning. After a certain speed is attained, the starting winding is automatically disengaged. At this point, the heavy

gauge running coils take over the motor load.

The starting winds are only in the circuit for a second or two and then the centrifugal switch cuts them out. If left in the circuit too long—because of a fouled centrifugal switch—they may burn up because of their light gauge wire.

A centrifugal switch is usually made up of two or more weights hugging the motor shaft under spring tension. As the motor starts and gains speed, these weights swing out and snap off the current to the starting windings.

Centrifugal switches are generally located opposite the pulley shaft. They may be inspected by pulling off the bell housing from that end. In some cases, it just requires removing a cap.

A strong jet of air from an air compressor or vacuum cleaner is a good way to clean any part of an electric motor.

After blowing the dirt from a motor, it is wise to check the bearings on each end of the shaft. If they are of the sealed ball-bearing type, they may need to be replaced. This is especially true of the pulley end of the shaft.

If the motor has sleeve bearings, look for wear and excessive end play. If okay, lubricate with a few drops of Number 20 oil. Too much oil ruins more motors than the lack of it.

Never oil or grease a centrifugal switch, it will gum up that much faster.



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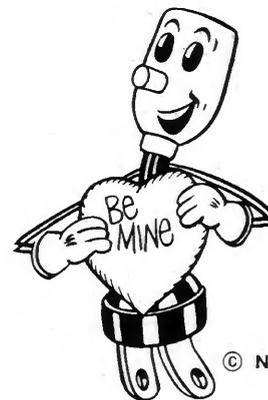
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C. S. Bradshaw	Macomb
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Michael Hays	Macomb
Terry Hollenback	Macomb
Karen Rolander	Macomb
Connie Talley	Macomb
Jack Travelstead	Macomb
Terry Westenfelder	Macomb
Gary Eschenbaum	Macomb
Randall Reeves	Macomb
Larry Inman	Macomb
Jack Stephens	Monmouth
Robert Chaplin	Colchester
Albert J. Lemley	Tennessee
Tom Haulk	Smithshire
Alan Wetzel	Colchester
Otto Hensley	Cuba
David Yates	Raritan
Morris Lalicker	Adair
Robert Olson	Prairie City



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LADIES
SAY

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 168,000,000 miles.
 - * You breathe 23,040 times.
 - * You inhale 438 cubic feet of air.
 - * You eat 3¼ pounds of food.
 - * You drink 2.9 quarts of liquid.
 - * You lose 7/8 of a pound of 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.
- Do you feel tired?

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



1974 AND THE ENERGY CRISES

Are we facing an energy crisis in a land of plenty? The news stories we read are conflicting—some say we are, others that we are not.

Whatever story you choose to believe is yours, but it is also a known fact that a natural human characteristic is to put unpleasant thoughts out of our minds and not face unpleasant decisions until absolutely necessary. So, just in case we are facing a shortage of energy in this country, some hard decisions must be made to conserve energy.

Plan now for the coming year.

What additional loads are you going to add in 1974?

Be sure you have the correct amount of insulation in your home. There is no need to heat the great outdoors.

Install storm windows, because this is where the greatest heat loss occurs.

Invest in a good humidifying device, as a dry home must be kept warmer.

We do not foresee any shortages of electric energy in our area, but conservation is a wise practice.

ELECTRICITY CONSERVES BASIC ENERGY

FACT: The more electricity we use for everyday needs, the more basic energy we save.

If all gas post lights in the United States were replaced by photo-electrically operated electric post lights, the basic energy saved would heat, electrically, all the homes in an average American city of more

than one million people.

It is estimated there are 125 million gas pilot lights in furnaces, ranges, water heaters and dryers—burning every second of every day. This wasted energy would provide the electric heating requirements of a typical American city of 10-million people.

A GUIDE TO SAVINGS

TEMPERATURE-COST RELATIONSHIP

Heating at	Based on 70 Degrees
68	Costs 6.2% Less
69	Costs 3.1% Less
70	Costs 0
71	Costs 3.1% More
72	Costs 6.2% More
73	Costs 9.4% More
74	Costs 12.5% More

Proper humidity levels in the home are equally important with respect to comfort and health. The

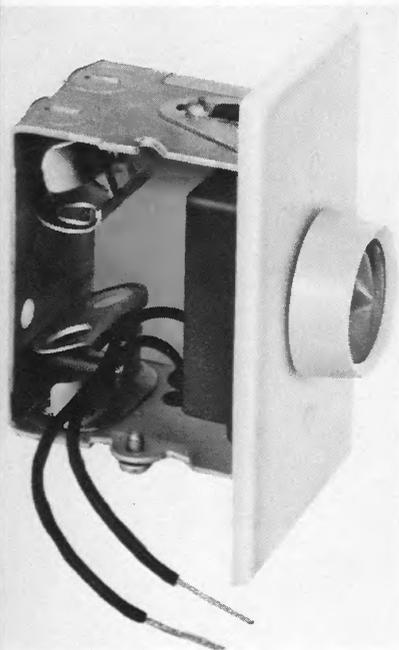
following table is a guide for proper humidity levels. 28A35

HUMIDITY GUIDE

This chart shows proper inside-outside temperature ratios for safe relative humidity control. Use these percentage figures for setting humidistat dial.

If Outside							
air temperature is:	-15°	-10°	-5°	0°	+5°	+10°	+15° +20°
And Inside							
air temperature is 70°							
set humidistat dial at:	18%	20%	24%	30%	35%	40%	45% 50%
Or if Inside							
air temperature is 75°							
set humidistat dial at:	15%	17%	20%	25%	30%	35%	40% 45%

what's new?



Trimatron

Trimatron™, a new compact dimmer device is available from the Leviton Manufacturing Company. The compactness of the switch allows for maximum space inside switch boxes, making installation faster and easier and thin enough for any wall system including mobile/modular structures. Trimatron™ features a full dimming range with clockwise rotary action for reliable switch action. The 600-watt dimmer is backed by a full-year factory warranty.

Microwave Oven

A new "dual-power" microwave oven that allows greater cooking flexibility, as well as improved browning and defrosting, has been introduced by Sears, Roebuck and Co. The unit uses two energy levels, the "high" setting is perfect for fast cooking and the "low" level permits defrosting. There are no temperature controls to set because the oven cooks by time, not temperature. To operate the unit, only the power buttons and the timer is needed. The oven automatically shuts itself off and a bell signals the end of the cooking time. The unit operates on a standard 120-volt household current; no special wiring is needed.



Hard Work And Long Hours

(continued from page 14)

Schewe pointed out that it is important for the consumer to understand the dairymen's side.

"There are other risks to which the dairyman is subjected, such as medical care," Schewe said. "Any cow receiving medical treatment which is necessary to maintain a quality herd, is essentially out of production. Medicine affects the milk and it can't be sold. So, for several days a dairyman is losing money."

Schewe does see a future in dairy farming, particularly, on a larger scale. But the investment for such an operation is complex, too.

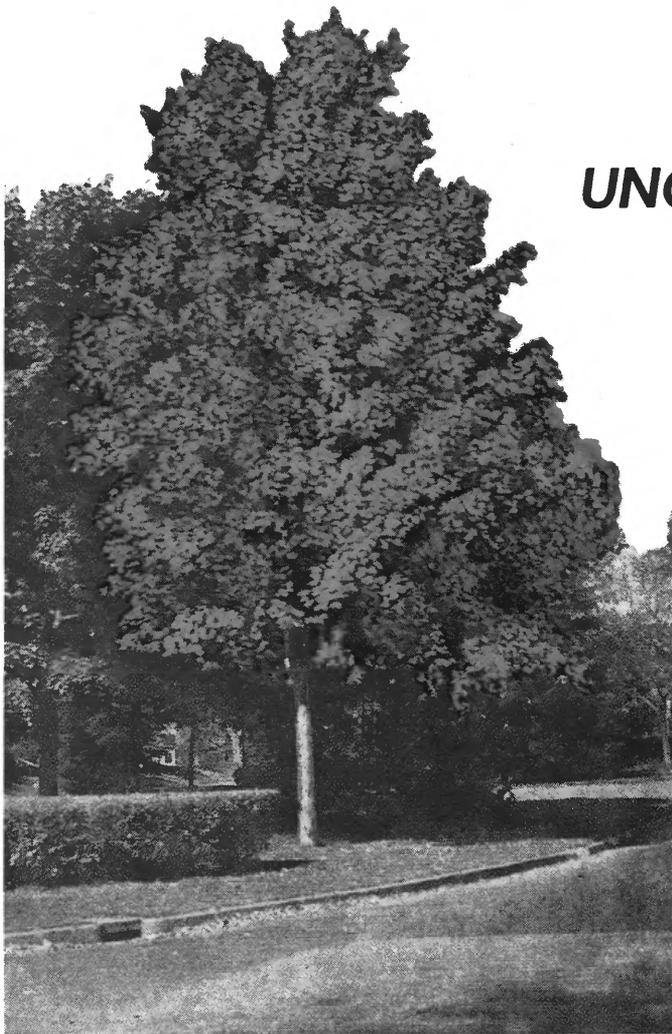
"Eventually I'd like to have a facility which would handle a 125-cow milking herd," Schewe said. "And to comply with new ideas in environmental protection, it would be a deodorized unit so the wind wouldn't carry the scent of the barnyard. But to set up such an operation, it would require an additional investment in equipment, buildings and an extra silo, which would cost about \$95,000."

Schewe's wife, Joy, was raised in St. Louis. But since her marriage, she has adapted to the dairy life quite well.

"I love the farm," she said. "At first it was hard to get used to getting up at 5 a.m. every morning, but now I don't mind at all. We milk twice a day but the only time I'm on duty is in the mornings. It takes us from about 5:30 to 9 a.m. to get the cows fed and milked, even with three of us working full time, Ron, myself and a helper."

Joy doesn't work during the evening's milking. A part-time employee joins with Ron and the full-time helper. It's not an easy job, although it may be enjoyable. It's also a seven-day-a-week, 52-weeks a year job, which doesn't leave much time for a vacation.

But thanks to the use of modern, electrically operated milking parlor, the Schewes do find their time to take a break from the yearly work.



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 one of the hardiest.

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 _____



Manager's Report

By ARTHUR H. PEYTON, Manager

OUTAGE? HAVE YOU CHECKED THOROUGHLY

The cooperative receives numerous outage reports that turn out to be a blown fuse or tripped breaker. Because these problems are normally under the control of the member and can be corrected by him, it is necessary to charge the member for the trip. When it is necessary to call an employee out on overtime for this purpose, the employee receives overtime rates as well as a two-hour minimum compensation. This is reflected in the charge made to the member.

Checking and changing fuses is an easy and safe task. When an overload or short occurs, a small current limiting link in the fuse melts. Usually this is visible through the window on the fuse. Be sure that in replacing the same size fuse is used. Fustats are identified by colors; 15 ampere is blue and 20 ampere is orange. The threads are also different so that the 20 ampere fustat will not screw fully into the 15 ampere adapter. Fustats also have the added provision for surges created by motor starting and are therefore preferred.

Circuit breakers perform the same function as a fuse. They resemble the

ordinary wall light switch but they automatically turn off when the current rating is exceeded. Restoring service is as simple as turning on a light.

If a fuse again blows when replaced, consider that it might be overload or a short circuit. If overload, some of the appliances being used should be disconnected. A short circuit could be in an appliance or in the house wiring. Unplugging the appliances could locate the first problem. The house wiring problem would normally require the services of an electrician.

In any case, do not replace with a larger fuse or, as some have done in the past, put a penny behind it. A fire could result from this.

If you are experiencing an outage, be sure to check your breaker switches to see that they are in the "ON" position.

When you have checked these items and are still without power, call 837-1400 and report your trouble and location number, which is on your billing book. A lineman will be at your location as quickly as possible to restore your service.

REPORTING AN OUTAGE

GIVE YOUR LOCATION NO.

WATT

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WELCOME NEW MEMBERS

- Roger Barclay Macomb
- Roger Brockman Macomb
- Robert Cook, Jr. Macomb
- Charles Frantz Macomb
- Myrna Gilfore Macomb
- Mario Korman Macomb
- Nancy Simpson Macomb
- William Vaughn Macomb
- John Goncher Macomb
- Gary Stauffer Macomb
- Dennis Bergsma Macomb
- Steven Duchene Macomb
- Dee Kipling Macomb
- Ken Reninger Macomb
- Sue Logsdon Macomb
- Andy Carmitchel Macomb
- Patricia Pistole Macomb
- Larry Boone Macomb
- Don Purtscher Macomb
- Charles Abbott Macomb
- Dorothy Graham Macomb
- Dorothy Paige Macomb
- Debbie Ackerman Macomb
- Charles Vaughn Macomb
- Weldon Creasy Colchester
- Thomas Turman Colchester
- Charles Irish Colchester
- Jerry Rule Adair
- Tom Connell Galesburg
- Howard Vail Industry
- Lynn Livermore Smithshire
- Howard Smith Bardolph
- Richard Witherell Abingdon
- James W. Miller Plymouth
- Steven Pigg Bushnell
- Thomas Robertson Macomb

NEW

EMENT

er Cooperative

. 61455

PAGES **837-1400**



LADIES

SAY

**KEEPING HAM
SAFE TO EAT**

Choosing a ham to fit your taste and budget is not always easy. But once you have made your decision and the ham is in your grocery cart, maintaining its wholesomeness is up to you. Ham, like all meat, naturally contains certain bacteria. Keeping it safe to eat means: storing it properly, cooking it thoroughly and handling leftovers with care.

With the exception of small (1½-3 pound) canned ham, (not labeled "Perishable, Keep under Refrigeration") dry cured ham such as country style and Smithfield, all ham must be refrigerated before cooking.

For best quality, a cured whole ham should be kept in the refrigerator no longer than seven days. Any cured ham cuts smaller than a whole ham will keep in the refrigerator safely for three to five days. Unopened canned hams labeled "Perishable—keep under refrigeration" can be kept in the refrigerator up to six months without loss of quality.

Freezing is not recommended as a routine procedure for cured hams because of possible changes in flavor and texture. When necessary, cured hams may be frozen one to two months if wrapped closely, sealed tightly in moisture-resistant wrap and stored at zero degrees Fahrenheit or lower.

MARCH 1974

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



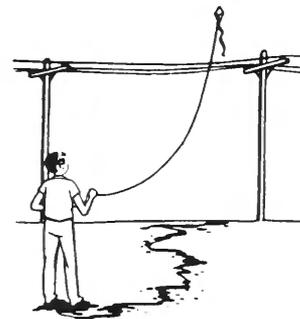
pole maintenance

Each year a constant search is made for bad poles. A weak pole can cause problems, especially during storms. When these poles are found, a memo is made and they are replaced as soon as possible.

This type of work is done without taking the line out of service. It takes longer and is harder to do this way, but it saves outage time for our members.

Special insulated equipment is used. The main piece is a basket truck with an insulated arm assembly to hold the wires. Special insulated sticks are used to tie and untie the wire from the insulator.

The replacement of poles is a continuous thing, but it allows your system to withstand a wind that might otherwise put you out of service. One of the main objectives of your cooperative is continuity of service, and the maintenance program is designed to assure members of this as much as is humanly possible.



CHILDREN should fly model planes and kites in an open field well away from all wires. A wire or metallic string SHOULD NEVER BE USED.

SIX SAFETY RULES FOR FLYING KITES

1. Pick an open field where there are no electric wires.
2. Always use a clean cord string; never use a wire.
3. Never grab the string of a run-away kite.
4. Do not try to retrieve a run-away kite.
5. Never use a fish pole to free a kite.
6. Never climb trees close to an electric line.

RIGHT OF WAY SPRAYING

The cooperative will be spraying the brush under the lines again this year. We will be using a spray material that is a combination of 2,4-D and 2, 4, 5-T. This is a low-volatile type spray.

We will start spraying in the spring as soon as the leaves are completely out on the trees. Anyone who does not want the cooperative to spray along their property, should notify this office before the spraying program starts.

NEGATIVE NEGATIVE



**Downed wires spell danger
...stay away!**



*** Over \$17,000.00
total protection
for less than \$15.00/month**

In an insurance plan, Dad needs the most protection. But Mom should be protected, too, especially while the children are young. And the kids need some insurance to start with . . . protection they can always be sure of having, regardless of later health problems.

All of these are combined in Congressional's Life Plan -- an excellent, low-cost, starting plan for any family, and an equally good supplement for the family who needs added protection.

The total amount of coverage and the monthly premium will depend, of course, on Dad and Mom's age and the number of children in your family. Just send us the information on the form below and we'll tell you exactly how much protection your family would have and what it would cost.

Remember, you're not buying a thing. . . just getting the facts to make a decision. So clip the form below and mail now, while it's handy. Then, when you get the details, talk it over with your wife (or husband) and let us know if you're both interested. Fair enough?

**The above plan is based on family group of husband, age 30; wife, age 28; and four children. Similar coverage available at comparable rates for ages 21 to 55.*

Husband's Name _____ Age _____
 Address _____
 City _____ State _____ Zip _____
 Wife's Age _____ No. of dependent children _____

GR/C Congressional Life Insurance Company
 GOLDEN RULE BUILDING • LAWRENCEVILLE, ILLINOIS 62439



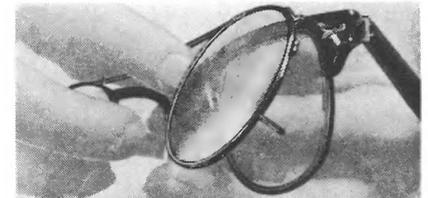
"You can't use it for a few minutes -- it's busy mixin' up a batch of biscuits."

If Ruptured TRY THIS OUT

Modern Protection Provides Great Comfort and Holding Security

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

Clip-On Magnifiers



Clip **MAGNIERS** on regular glasses. **SEE CLEARER INSTANTLY.** Read fine print. Do close work. Neat, metal frame. 10 day trial. **SATISFACTION GUARANTEED.** Send age, sex. On arrival pay postman \$4.95 plus C.O.D. or send only \$4.95 and we pay postage. **PRECISION OPTICAL CO., Dept. 109-H Rochelle, Ill. 61068**

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 years. Money back guarantee. Send just \$3.98 for one can, two for \$6.98 postpaid.

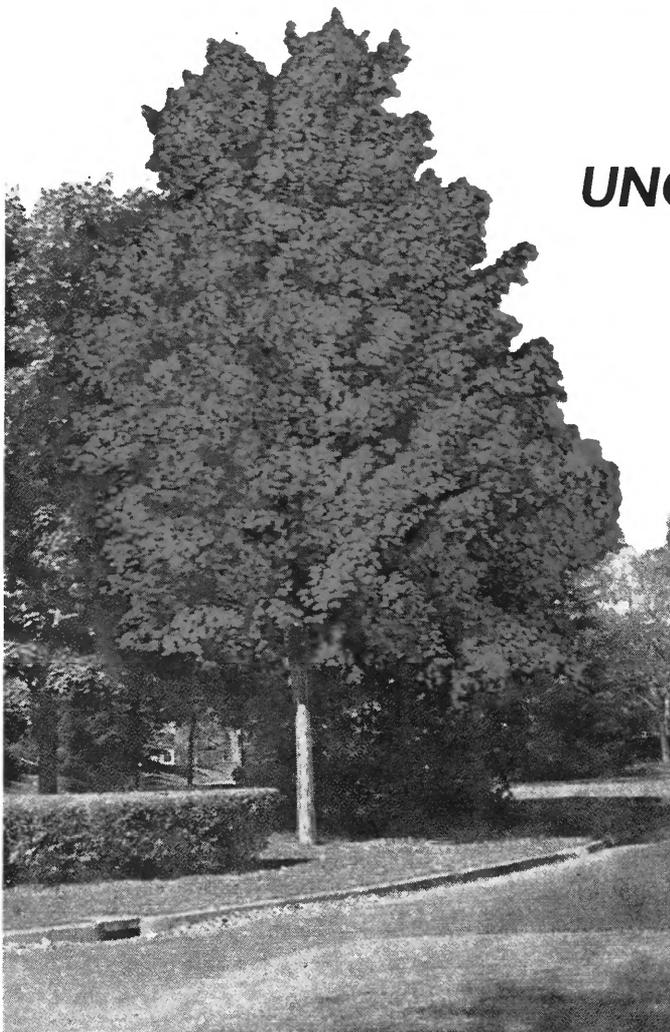
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MARION, KY. 42064

Mfr. and Distr.

ILLINOIS RURAL ELECTRIC NEWS



Actual unretouched photograph of a five year scarlet maple.

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 one of the hardiest.

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?

**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.

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 _____

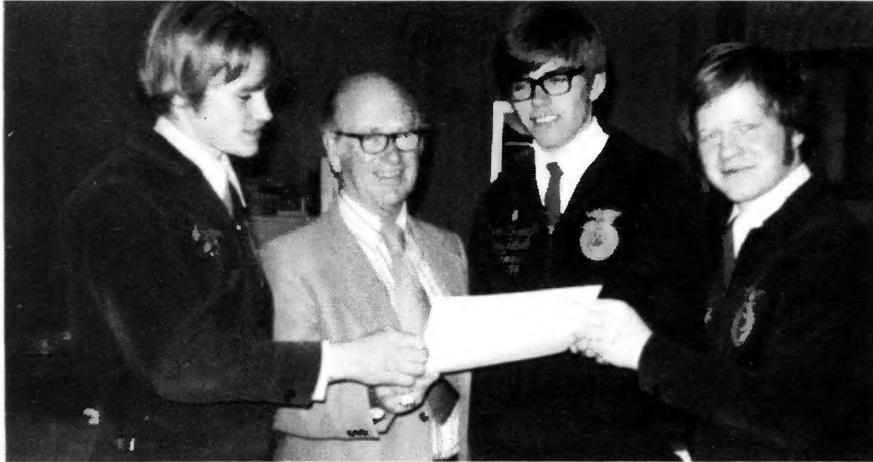
Address _____

City _____ State _____ Zip _____



Manager's Report

By ARTHUR H. PEYTON, Manager



Manager Arthur Peyton receives an award in recognition for the contribution made by McDonough Power Cooperative to the Future Farmer Program. Presenting the award are, from left; Dan Carroll, president of Section 11 of FFA, Jeff Miller of Macomb and Bill Slayton of Northwestern High School.

WHAT IS A COOPERATIVE

To consumers who have been on McDonough Power's electric lines for a long time, this may seem like an elementary question; however, there are many new consumers who may need to understand more about the business they own.

In actual operation, your electric cooperative conducts its business much the same as any other electrical utility. Its difference lies in the ownership and how the wishes of these owners are carried out.

Electric cooperatives, owned by the people they serve, are controlled through a system of one member, one vote. Cooperative members have a vital interest, not only in their dollar investment, but also in the type, adequacy and cost of service they receive.

Boards of directors of cooperatives are elected by the membership on the basis of their knowledge and interest in the organization. They serve generally without pay or for nominal fees to cover their expenses. The board

hires a manager to take charge of operation of the business for the benefit of the member-consumer owner.

Both electric cooperatives and stock corporations are examples of private enterprise. A cooperative type of enterprise, however, because of its non-profit method of operation, is often able to operate more efficiently in rural areas where the cost of providing electricity is comparatively high.

Those who have followed the history of rural electric cooperatives from its beginning know of the tremendous impact it has made on rural America. Rural electrification has been a main force in modernizing our rural area. Many will tend to take the consumer-owned electric cooperatives for granted, not fully understanding the efforts that have been expended to provide dependable low-cost electricity for all America.

Participate actively in your member-owned private enterprise.

WATT

REN S

McDonough P

Macomb

ALL CO-OP ELECTRIC



- | | |
|------------------|---------------|
| David LaVingon | Macomb |
| Stephen DeBacker | Macomb |
| David Adams | Macomb |
| Donald Gragg | Macomb |
| Sue Ann Wilde | Macomb |
| Tom Dabney | Macomb |
| Edwin Hubbard | Macomb |
| Joe Protsman | Macomb |
| William Hall | Colchester |
| Robert Selby | Colchester |
| Mike Strange | Colchester |
| Ron Pilkington | Avon |
| David Meadows | St. Augustine |
| Dwight Heaton | Vermont |
| Ronald Curless | Vermont |
| Richard Cox | Bushnell |
| James Hellyer | Blandinsville |
| John Dildine | Industry |
| Gerald Morris | St. Augustine |

**Please send in
your meter reading
when you pay
your bill.**

NEW

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r Cooperative

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PAGES **837-1400**



LADIES
SAY

Forest fires burned four and a quarter million acres in the United States in 1973. Lightning was responsible for over one-third of the acreage burned, mostly in the sparsely settled areas of western states. But between 98 and 100 percent of all fires in the east were man caused. According to the U.S. Department of Agriculture, a large part of these were caused by persons burning trash and other debris near wooded areas. This is the most common causes of fires in the north central states, also. You can help prevent this national waste by being careful with fire.

Before you start any fire, call your local fire department or forest ranger and ask what the law is about burning trash. If you can burn trash, here are some tips to save the local forests: Never start an open fire on a windy day. Clear a 30-foot circle around trash before lighting the fire. See that there are no tree branches close to the flames. Keep a shovel, rake and water hose close by to stop the fire from spreading. Make sure you stay with the fire until it is dead out. Wet down the embers with water and stir them to make sure no spark is left alive.

FOR SALE—52 gallon Frigidaire electric water heater. Two elements, high recovery, glass lined. Contact Brenner Furniture, Macomb, Illinois. Phone: 309/833-2403.

APRIL 1974

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



INSULATE NOW

Proper insulation is one of the most important improvements you can make. Insulation saves energy for heating and cooling and can save you enough to pay for its cost in a few years.

Insulate now!



THAT COMPUTER!

In the past month there were approximately 1,260 errors on the cooperative's computer billing. By the computer? No, by our members sending in the wrong information on their billing stubs. The following are some examples of stubs received at the

office. This months reading 9100 subtract last months reading of 8000=900 KWH at \$23.08, should have been 1100 KWH at \$26.71. Another: This months reading 600, last months reading 9500, 700 KWH used, net bill \$19.45, should have been \$26.71 and so it goes.

ALL READINGS IN EVEN 100's OVER 300 KWH's	
1. THIS MONTH	9100
2. LAST MONTH	8000
3. KWH USED	900
4. NET BILL	\$ 23.08
5. GROSS BILL	\$ _____
FROM PREVIOUS MO.	\$ _____
6. Add or Sub.	\$ _____
7. SECURITY LIGHT	\$ _____
8. PAYMENT DUE	\$ 23.08

ALL READINGS IN EVEN 100's OVER 300 KWH's	
1. THIS MONTH	600
2. LAST MONTH	9500
3. KWH USED	700
4. NET BILL	\$ 19.45
5. GROSS BILL	\$ _____
FROM PREVIOUS MO.	\$ _____
6. Add or Sub.	\$ _____
7. SECURITY LIGHT	\$ 1.50
8. PAYMENT DUE	\$ 20.95

The computer receives these errors and rejects them. The cooperative personnel then has to go back and check to see what is wrong. It is then necessary to send out a correction card. These mistakes take approximately 30 hours a month to review and send out. When this is put into money, it cost your cooperative approximately \$2,500.00 per year in

labor and postage to make these corrections.

You, the members, pay for these mistakes. Why not double check your billing stubs as to proper reading, subtraction, etc., as this will save time and money. If you have a question, call the office. It is cheaper to do it right the first time than to correct the errors in a computer.

Will they go on to college . . .



if you aren't around
to help pay the costs?

In less time than you think, your grade-schoolers will be ready for college. But college costs come high these days...even higher in the future.

So if you have college plans for your son or daughter, let Congressional show you how life insurance can help.

Life insurance can GUARANTEE the financial help you'd provide...even if you aren't around to pay tuition and monthly costs yourself.

Life insurance can GUARANTEE cash values in a program that will help both you and your children meet the financial costs of a college education.

Congressional Life offers a handy, 48-page booklet of current, up-to-date costs at over 1,200 colleges throughout the nation. It's free, yours for the asking. Just complete and clip the form below, then tape or paste to a postcard, or insert in an envelope. Mail it to "College Costs Booklet", Congressional Life Insurance Company, Golden Rule Building, Lawrenceville, Illinois, 62439.

Yes, I'd like to have a free copy of the
"College Costs Booklet"

Name _____

Address _____

City _____ State _____ Zip _____



Congressional Life Insurance Company

GOLDEN RULE BUILDING • LAWRENCEVILLE, ILLINOIS 62439

Whittling away on his retirement
(continued from page 8)

gether, not put together after the links are made.

"A lot of people are always wondering how I make them," Day said. "It really isn't that hard after you make the first one. One boy who saw them kept looking at them and wondering where the cuts were to glue them together."

None of Day's work is for sale, because as he puts it, "I really can't put a value on it, so I don't sell my work. I just like making them."

There are a lot of people who have heard about Day's craftsmanship in making wooden objects. A local teacher has made tapes explaining Day's hobby for members of the United States Army overseas.

Day doesn't advocate whittling for everyone who retires. It takes a lot of time and a good deal of ability. If you are as good at it as he is, however, it might be worth the effort.

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 years. Money back guarantee. Send just \$3.98 for one can, two for \$6.98 postpaid.

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If Ruptured TRY THIS OUT

Modern Protection Provides Great
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An "eye-opening" revelation in sensible and comfortable 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

ILLINOIS RURAL ELECTRIC NEWS



friends

A farm sale is a little bit of Americana reminiscent of quilting bees and roof-raising parties a century ago. It is a time for people getting together in rural areas, which is perhaps more important than the actual sale of goods.

A farm and household goods sale is a sad time also. Another man who tilled the soil and raised beef for others is leaving for the city or retiring to enjoy his later years. For the people at the sale who know him, it's almost a way of saying goodbye; we are glad to have known you.

Few farmers go through life without collecting a lot of household goods, antiques and assorted memorabilia, in addition to farm machinery and equipment. James Monti and his wife of rural Carlinville were no exceptions.

Monti, a member of M.J.M. Electric Cooperative, Inc., Carlinville, held a sale recently to divest himself of articles he no longer needed and to accumulate some cash for his retirement.

You could see the site of the sale a couple of miles away. Cars and trucks lined the county road several hundred yards in either direction. Easily 200 people walked the grounds looking over the items for sale, deciding how much they would bid for a choice article and wondering if their bid would take home the prize.

Inside one of the sheds, area ladies started brewing the coffee, making the sandwiches and slicing the pie. Farm sales are all-day affairs and bidding tends to make one hungry.

Roy Weller, an auctioneer from Carlinville, started the sale with small household items such as clothes,

kitchenware and lamps. The bids didn't range too high, but they weren't expected to. The larger, more expensive items would come later. An antique wall telephone brought over \$50—a set of pictures only \$1.

Bidding itself is an art. For the uninitiated it often looks like no bid has been made, yet the auctioneer goes higher in his asking. A raised finger, a muffled voice from deep in the crowd and another item has been sold.

A sale moves quickly. The auctioneer seems never to cease his chatter. A pair of wine presses, wooden barrels, two antique stoves, a rifle and other items move quickly. Later in the day, the farm machinery—tractors, truck, plows and a combine—all go up for sale.

Underneath the exterior of the sale is a current of rural friendliness, where everyone is a neighbor and everyone wants to have a good time. People form in little groups around the yard, talking about the crops, the weather or maybe just about the people they've seen at the sale.

A farm sale isn't limited to farmers, nor to men or those over 40. Half the people are women, some coming to help with the food, others to bid. People you would automatically label "city" blend in and are made to feel welcome. Ages of the people range from babies in their mother's arms through teenagers to older people.

Late in the afternoon the last item goes up for bid and is sold. The auctioneer lays down his microphone, the ladies pick up their baked goods, the crowd trickles slowly home and the line of vehicles disappears.

For Jim Monti the sale was a successful venture. For his neighbors, it was a good way of saying goodbye.



Manager's Report

By ARTHUR H. PEYTON, Manager

GOVERNMENT RECOMMENDS COLD WATER LAUNDERING AS HOME ENERGY SAVER IN 1974

The Federal Energy Office (FEO) is asking homemakers who are not already regular users of the modern cold water detergents to switch to cold water laundering with cold water detergents as a major energy-saving measure in the home.

According to the FEO, cold water detergent laundering can save up to 40 gallons of hot water per load. Cold water laundering, it is stressed, not only saves the cost of fuel, but also makes more fuel available for the essential needs of our country's economy.

Make hot water the exception, not the rule, says the FEO, adding that Americans can save considerable fuel by learning where cold water can do the job just as well as hot.

Since the introduction in 1965 of Cold Power detergent's special formula for machine-laundering in cold water, millions of women have discovered the many other advantages of this modern laundering technique. Not only does cold water laundering help prevent washable colors from running and fading, it also helps prevent wrinkling in many of today's permanent press fabrics. Hot water laundering of these fabrics can set wrinkles. Also, according to laundry experts, cold water laundering does a better job on certain stains. Hot water can set such stains as blood, chocolate, egg, ice cream and milk.

Over the past several years many consumers have switched to cold water laundering as a result of the development of the modern synthetic fibers and fabrics. Clothing manufacturers do not recommend hot water washing for synthetic or permanent press fabrics, which represent approximately 70 percent of today's average home laundry. Hot water, they point out, can affect finishes and wearability.

The laboratory experts for the Cold Power detergent, which contains grease and oil solvers and a special cold water brightening system, offer the following basic information pointers to women who will be turning to cold water laundering for the first time at the request of the FEO:

Cold water laundering can be used for all machine-washable apparel and home furnishings.

The same amount of laundry can be washed in a cold water load as a hot water load.

Cold Power detergent dissolves easily in cold water.

After cold water laundering, clothes can be dryer-dried at the appropriate fiber setting, the same as with hot water laundering.

Cold water laundering helps protect wearability and helps prevent the running and fading of most colors.

A slogan for homemakers during the energy crisis could be, "Help Keep America Out of Hot Water!"

WATT

REN S

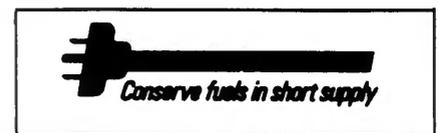
McDonough Po

Macom

ALL CO-OP ELECTRIC



- Garry McNeely Bushnell
- Dwight Bennett Industry
- Earl Jobe Industry
- Ronald Weidner Abingdon
- Neal Anderson Monmouth
- Earl Neidy Monmouth
- Wayne Buhlig Avon
- Alan Pepper Avon
- Howard Daniels Colmar
- Joe Steward Colmar
- Michael Thomas Colmar
- J. Michael Hull Sciota
- Larry Mitchell Roseville
- Victor Payne Colchester
- Charles Gillenwater Colchester
- Ronald Roll Kirkwood
- Robert Turner Cameron
- William Koker Cameron
- Cecil Vancil Prairie City
- Dennis Cassiday Smithshire
- Eddie Hyde Blandinsville
- Bobby Burns Macomb
- David Long Macomb
- Robert Cummings Macomb
- Jon Rainbolt Macomb
- Charles Sarles Macomb
- David Watson Macomb
- Doug Willey Macomb
- Janet Ambrose Macomb
- Elmer Atwood Macomb
- Keith Dougherty Macomb
- Richard R. Gray Macomb
- Robert Haulk Macomb
- Ken Pearsall Macomb
- Marge Ruebenson Macomb
- Melvin Twaddle Macomb
- Ernest Kreps Macomb



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PAGES **837-1400**



LADIES

SAY

HOW SAFE IS MICROWAVE ENERGY

All energy—light, sound, etc., travels in waves. Their length varies widely, from short or very frequent waves, such as X-rays and nuclear rays to longer rays including radio, visible light and sound. Microwaves are slightly longer than radio waves.

Heat, including microwave heat, cooks food and will, of course, burn living tissue. Except in severe cases, burns heal. Government standards assure that the energy levels surrounding microwave oven doors are extremely low and, therefore, are safe.

Microwaves are like light. They "bounce" off metal surfaces so are contained inside the metal cabinet of the oven. They also pass through glass and certain other materials. Neither metal nor glass are heated by microwaves. This makes it possible to cook food, which absorbs microwave energy, without risk of burns from the oven or the container in which the food is cooked.

Leading scientists say the safety standards are safe enough. The Radiation Control Act is called "adequate for safe use of the microwave oven in the home" by the U.S. Bureau of Radiological Health. In testimony before Congressional hearings, scientists said the safety level was at least 10,000 times less than the level known to cause injury to animals in laboratory tests.

MAY 1974

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



Like the heat of a match, microwave stretch decreases rapidly as it leaves its source. At the match head the temperature may be 1,500 degrees Fahrenheit, but it can scarcely be felt a few inches away. At one foot from the oven, exposure to microwave energy is far below the government's maximum emission level. Moreover, exposure is brief as the user moves about the kitchen.

In addition to the Bureau of Radiological Health inspections of microwave ovens both before they are sold and in use, units are inspected and certified by Underwriters' Manufacturers' guidelines for user instructions to assure safety.

Extensive control and inspection is required to assure compliance with present standards. One such test involves more than 750,000 door slams to simulate years of use.

As with all heating devices the door is the most dangerous area. Microwave ovens have two safety switches which immediately shut off power when the door is opened or if there are foreign objects, grease, etc., around door seals. If either switch fails the units become inoperative until repairs are made.

The difference between microwave and conventional cooking is the source of heat and how it penetrates the food. Microwave energy heats molecules throughout the food simultaneously so causes very rapid heating. In conventional cooking, heat is transferred from the outside source to the surface of the food and then to the interior. Otherwise, cooking is identical.

More than half a million microwave ovens are in use in homes, restaurants and hospitals. Other uses of microwave energy range from transmitting signals from space to warming human blood for transfusions.

(Excerpts from "How Safe is Microwave Energy?" reprinted for WHAT'S NEW IN HOME ECONOMICS magazine.)

An Ounce of Prevention

Just recently I heard of a young man receiving an electrical shock, almost to the point of being fatal. It seems he went to the basement for a shower. From that point on, no one knows what happened, other than finding a broken cord to a humidifier near by.

This in itself raised two questions—was the water pipe grounded and was a three wire cord used?

Check these two things out at your house. The code says that all buildings shall have a separate grounding electrode consisting of a driven rod or driven pipe, approved for the purpose. As for the water pipes being a good ground, it is doubtful in the rural area as most systems are connected to plastic piping.

All permanently attached or extension cords should be of three wires, one being a grounding conductor. They should then be connected to a three pole type receptacle.

Do not take chances; if you are not sure of your wiring or grounding, contact your cooperative office.



what's new?



(continued from page 5)

sulphur made at the meeting.

"This fixation with sulphur," Bagge claimed, "is impeding the coal industry's expansion and hurting the nation's chances of ever attaining energy self-sufficiency."

Bagge also warned against putting too much faith in the development of synthetic fuels from coal.

"If coal is to contribute to meeting short to mid-term energy needs, its largest contribution will have to come from coal burned as coal," Bagge said. "Illinois coal can be burned in many locations in this state without damage to public health, property or state air standards."

Charles Schulze, senior fellow with the Brookings Institution in Washington, said the public should not be locked into paying "artificially high" prices for energy. He said the idea that higher energy prices should be welcomed is "just nonsense."

"The American consumer is paying \$19 or \$20-million more for his energy and getting less," Schulze said. "Forty percent of that went abroad and 50 percent goes into the domestic profits of the oil companies."

Attending the two-day conference from the Illinois electric cooperatives were: John Adkisson, Norris Electric Cooperative, Newton; Roy E. Horton and M. M. Jontz, Illinois Valley Electric Cooperative, Princeton; Maurice Johnson, Edgar Electric Co-operative, Paris; Wayne Laning, Adams Electric Co-Operative, Camp Point; Stanley Otten, Rural Electric Convenience Cooperative, Auburn; Arthur Peyton, McDonough Power Cooperative, Macomb; Dale Smith and James Holloway, Egyptian Electric Cooperative, Steepleville; Charles Witt, M. J. M. Electric Cooperative, Carlinville, and William Dean, Joe Spivey and Jim Pottorf, Association of Illinois Electric Cooperatives, Springfield.



Electric Range

A new 30 inch eye-level Connoisseur electric range is now available from the Whirlpool Corporation. The smooth-top is designed to provide heat distribution through the ceramic glass top. It features continuous cleaning ovens, controls under glass fluorescent light illuminate work areas and a digital clock controls the automatic oven and appliance outlet.



Energy Saver Decals

Whirlpool Corporation is offering free energy saver decals with consumer tips for conserving energy on major home appliances. Included in the set are energy stickers for ranges, dishwashers, washers, dryers, refrigerators and room air conditioners. Interested homemakers can get a set of the six energy saver stickers by writing: Whirlpool Corporation, Energy, Benton Harbor, Mich., 49022.

Governor Dan Walker thought it important enough to proclaim a special day for it to be held . . . Lt. Governor Neil Hartigan took time from his busy schedule to talk about it . . . and Illinois electric cooperatives were extremely pleased to sponsor it.

IT was the first "Illinois Rural Electric Youth Day" and the second year of the "Youth to Springfield" tour. Over 110 essay finalists and chaperones from 10 Illinois electric cooperatives met in Springfield on May 8 to participate.

Cooperatives sponsoring the youth tour were Adams Electrical Co-Operative, Camp Point; Clinton County Electric Cooperative, Inc., Breese; Coles-Moultrie Electric Co-operative, Mattoon; Eastern Illinois Power Cooperative, Paxton; Egyptian Electric Cooperative Association, Steeleville; Illinois Rural Electric Co., Winchester; Monroe County Electric Co-Operative, Inc., Waterloo; Southwestern Electric Cooperative, Inc., Greenville; Wayne-White Counties Electric Cooperative, Fairfield and Western Illinois Electrical Coop., Carthage.

This year, 19 electric cooperatives in Illinois sponsored an essay contest in their area to select rural students to represent the cooperative in the annual "Youth to Washington" tour. This is the second year where finalists from many of the cooperatives have been honored and rewarded for their participation with an all-expense, full-day trip to the State Capital.

IT was the VIP's tour, too.

Governor Walker, although personally unable to attend, welcomed the students with

a proclamation which praised the young people for "their interest and achievements in rural electric youth activities, for taking advantage of the educational experience they are offered and for the responsible leadership they are developing." The Governor also wished them a most enjoyable and profitable visit.

After assembling at the Association of Illinois Electric Cooperatives, Springfield, for a tour of the state-wide facilities, the students boarded three buses and were whisked away for a tour of the Illinois House and Senate Chambers at the State Capitol Building.

While at the Capitol, the delegation was recognized on the floor of the Senate and given a round of applause by their legislators.

One of the day's highlights was an address from Lt. Governor Hartigan at a noon luncheon held in the students' honor at the Ramada Inn Forum XXX, Springfield's newest hotel and banquet center.

The Lt. Governor praised the students for their "outstanding achievements" as leaders in their respective

schools and for their willingness to participate when others have shrank from responsibilities and duty.

"You are the people who will lead this state and this country in future years," Hartigan said. "It is never too early to start thinking about what you want to do with your life. Take part. Participate. Get involved in the running of your state government. I have been in government for the past 12 years and I believe it is one of the most responsible and rewarding things one can do with their life."

During the luncheon, Miss Kathy Harriss of Fairfield, who is presently reigning as "Miss Illinois Electric Cooperative" and "Miss Rural Electrification, 1974" was presented a \$1,500 scholarship check by W. J. Shields, District Manager, Apparatus Distribution Sales Division, General Electric Co., St. Louis, Missouri. The check was presented to Miss Harriss on behalf of the General Electric Company for having been selected "Miss Rural Electrification" at the NRECA Annual Meeting held in February.

Other activities during the day included a tour of the Illinois State Museum, the Old State Capitol Building and the Lincoln Home and Tomb.

While students from seven of the cooperatives returned home in the late afternoon, more was in store for essay finalists from Adams, Illinois Rural and Western Illinois electric cooperatives. The group had the singular opportunity to meet with nine legislators, representing the 47th, 48th and 49th Legislative Dis-

(continued on page 15)

Illinois Rural Electric Youth Day





Manager's Report

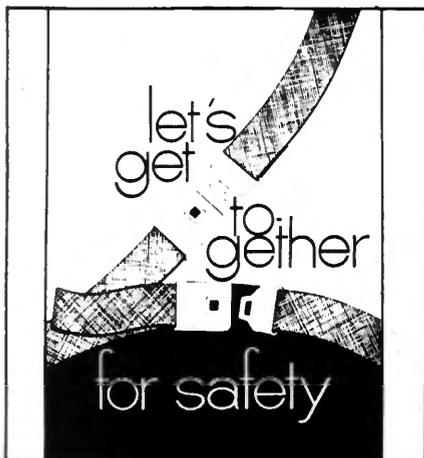
By ARTHUR H. PEYTON, Manager

PLANNED OUTAGE

At midnight on Wednesday, April 17, substations six and eight were de-energized in order for cooperative crews to do necessary switching of lines. These substations serve members in the Blandinsville and Roseville area. This work was planned at that hour of the night in order to inconvenience our members the least possible time.

On Tuesday, April 16, and Wednesday, April 17, many members in this area were called and advised of this work and were asked to call some of their neighbors and tell them of this planned work. We wish to thank each of these members for their understanding and assistance. Some of the members who we talked with and wish to thank for their assistance are:

- Jo Hartley—Little Swan Lake
- Mrs. Millard Palmburg
- Mrs. Ernest Johnson
- Mrs. Harlan Monroe
- Mrs. Max Welsh
- Mrs. Pete Kline
- Mrs. Tilden Burg
- Mrs. B. F. Slusher
- Mrs. Kenneth Diers
- Mrs. Paul Lescher
- Mrs. Jack Harn
- Mrs. Scott Ault
- Mrs. Art Lescher
- Mrs. Howard Smith
- Mrs. Jack Keithley

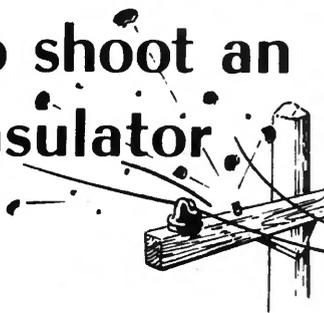


CROP DRYING-WARNING

Our members who are anticipating installing grain drying equipment this year must get in touch with the cooperative at a very early date. If you wait until late summer or fall, it will be impossible to have this installed when you would require it, as many electrical wiring materials are in short supply.

We urge our members to plan several months in advance and notify us before starting work. We will be glad to work with members in planning drying services, so we can make any necessary changes. Don't wait, Do it now!

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 in a crackdown on crackpots.

WATT

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McDonough P

Macor

ALL CO-OP ELECTRIC



- Roger Rouse Macomb
- Robert Winters Monmouth
- Harold Lynn Macomb
- Charles Forman Industry
- Jerry Ahart Macomb
- Robert Bartlett Macomb
- Terry Bradshaw Roseville
- Craig Brown Macomb
- Dave Dunkelberger Macomb
- William Fields Berwick
- Donald Gordon Blandinsville
- Joyce Granger Macomb
- Kenneth Hamilton Brimfield
- Robert James Macomb
- Verne Larimer Roseville
- James P. Martin Macomb
- Paul McCurtain Macomb
- Robert McSperritt Macomb
- Dennis Meinert Colchester
- Eugene Petty Macomb
- Larry Rittenhouse Macomb
- Gerald Ryder Good Hope
- Patricia Svob Abingdon
- David Thompson Macomb
- Robert Tierney Macomb
- Gregg Weingartner Macomb

NEW

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61455

AGES **837-1400**



LADIES

SAY

Plan Your Garden

If you plan your garden wisely, you can enjoy fresh vegetables from spring until late fall. But a home garden does not necessarily mean cheaper vegetables, and it does mean manual labor and time. If you remember all that and still want a garden, go ahead. You have the pioneer spirit.

A small, well maintained garden is more enjoyable and profitable than a large neglected one. Vegetables thrive in full sunlight and need at least five or six hours of sun during the middle of the day. Too much shade results in rank, spindly plants and poor yields. To make gardening easier, put the garden near the house so you can work on it at odd moments. When you take out the garbage, weed the carrot patch on the way back.

Your garden soil should crumble easily and be porous for quick water drainage, deep crop root penetration and good aeration. Of course, you may have no choice in the soil type in your garden, but many vegetables are willing to dig in and grow even on relatively poor soils, provided you condition them. If your yard is made up of fill dirt, it is probably a composite of clay, stones and debris. It will take time, fertilizer and lots of energy to make it productive.

Avoid any area where water remains in puddles after several hours of a moderate rain. Vegetables hate wet feet. If you have a heavy soil, organic matter and lime might improve it. Sandy soil is fine for vegetables but it may need irrigation in dry periods. All this just so you can bring one red tomato to work and brag about it!

JUNE 1974

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



APRIL STORM

The storm on April 13 was an awesome thing. Throughout the southwest part of the cooperative's area were homes, barns, buildings and equipment that were in shambles. But the spirit of the people was far from down. Everywhere you went the next day you found people busy with the chore of cleaning up and helping their neighbors and friends.

The cooperative's crews worked

for 20 hours straight. They were pulled off the job until the next morning and were very reluctant to leave, as there were still a few members without power. These people were contacted and advised that the crews would be back the next day. They were all very understanding. It is members like the Bill Measleys', Ray Shaffers', Ralph Cordells' and others that make you really believe in people



ABOVE: This picture pretty well tells the story of the evening of April 13 when a tornado left twisted rubble and debris at the Ray Shaffer home



ABOVE: Members of the cooperative line crew prepare to reset one of the many poles torn down during the storm.

What if your
INCOME
 should suddenly



Could you live **WITHOUT** your income?

Income is your biggest asset - - - worth more than all the property you have now - - - the source of all the property that you may have in the future. But income can be stopped by accident or illness. What then? Costs of medical care increase your monthly expenses. Will you be forced to spend your savings? Go into debt? Become dependent on others?

Congressional's Income Protection plans solve this problem, easily and economically - - - providing income when you are disabled, preserving your family's standard of living, paying you money when you need it most.

For full details, or for other information, check the appropriate box below, complete the form, and mail today.

Health Plans

- HOSPITAL-SURGICAL-MEDICAL PLAN
(for individuals and families)
- INCOME PROTECTION PLAN
(income when disabled)
- MEDICARE SUPPLEMENT PLAN
(covers expenses not covered by Medicare)
- SUPPLEMENTARY COVERAGE
(in addition to your present plan)

Life Plans

- FAMILY PLAN
(protection for Dad, Mom, and all children)
- RETIREMENT INCOME PLAN
(available to age 55)
- BALANCED INVESTMENT PLAN
(mutual funds plus life insurance)
- EDUCATION PLAN
(assures funds for a college education)

Name _____ Age _____
 Rural Route _____ Rural Route
 or Address _____ Box Number _____
 City _____ State _____ Zip _____



Congressional Life Insurance Company

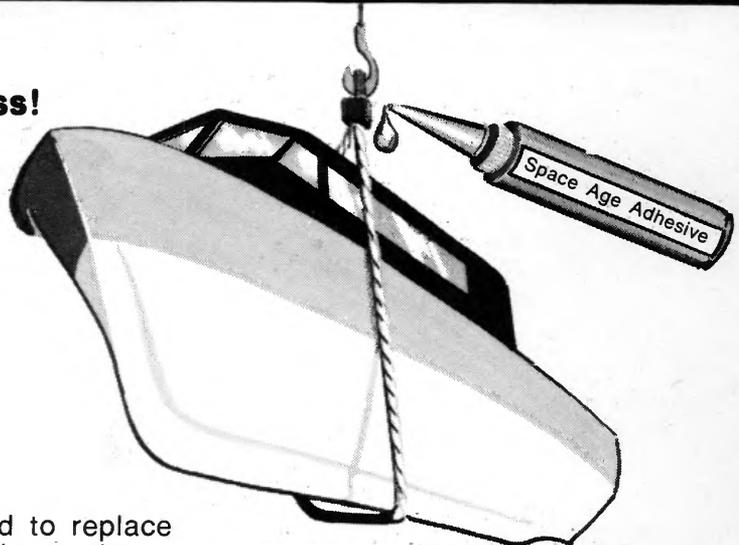
GOLDEN RULE BUILDING • LAWRENCEVILLE, ILLINOIS 62439

A PERMANENT ADHESIVE SO STRONG

SPACE AGE ADHESIVE

ONE DROP HOLDS 2 TONS!

- Set In Seconds!
- No Mixing. No Clamping, No Mess!
- Bonds rubber, plastic, metal, ceramic, glass, porcelain!
- Replaces nails, screws, bolts!
- 132 Bonds to the Tube!
- One Square Inch Will Stand 5,000 lbs. pull!



New Space Age Adhesive was developed to replace nuts and bolts in American industry. It is used everyday to hold parts of planes, cars, tractors, derricks *together!* Now you can use it to hold almost everything and anything!

Imagine just one drop of Space Age Adhesive holds with up to 2 tons of tensile strength holding power. Not an ordinary epoxy, it can be used instantly without compounding—NO WAITING . . . NO CLAMPING or TIEING . . . NO MESSY MIXING! Dries to an invisible bond in seconds.

Proven In Industry—Use It 1,000 Ways In Your Home

Your Space Age Adhesive applicator tube dispenses clear, colorless formula drop by drop. Use it everywhere. It's non-toxic. Resists chemicals, weather, moisture . . . indefinitely. The repair will be many times stronger than the original piece.

Now In Handy Drop-by-Drop Applicator For Home Use!

Now for the first time Space Age Adhesive is available for home use in a Single-Drop Tube Dispenser. (132 bonds) for only \$2.50. It is ideal for use in your home or shop. You'll find it useful in 1,000 ways. It must bond *anything* stronger, tighter, neater instantly or your money refunded immediately.

LOOK WHAT YOU CAN REPAIR INSTANTLY:

- Repair a bike.
- Permanently seal garden hose.
- Join cracked floor tiles.
- Repair broken dentures.
- Fix pots, pans, mixers, appliances.
- Make broken china and porcelain new again.
- Mend furniture.
- Watertight cracked rubber boots.
- Repair broken panes of glass.
- Splice film, audio tapes.
- Bond a broken golf club, baseball bat.

BUY WITH CONFIDENCE

30-DAY MONEY-BACK GUARANTEE

Jay Norris Corp., 25 W. Merrick Rd.
Dept. SEO-289, Freeport, N.Y. 11520

Please rush me _____ dispenser(s)
Space Age Adhesive @ \$2.50 each plus 50c
shipping and handling.

SAVE! Order TWO for only \$4.50 plus 50c
shipping and handling.

SAVE MORE! Order 6 for \$11.50 plus \$1.00
shipping and handling.

SAVE MORE! Order 12 for \$20.00 plus
\$1.25 shipping and handling.

Enclosed is check or money order for
\$_____. (N.Y. residents add sales tax.)

PRINT NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

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25 W. Merrick Rd., Dept. SEO-289
Freeport, N.Y. 11520

Serving Satisfied Customers for over 25 Years



Manager's Report

By ARTHUR H. PEYTON, Manager

Electric, Gas, Phone Bills Jump

Why should people pay more when they use less? That is just one of the questions utility customers are asking as bills leap higher and higher.

Soaring utility bills are giving another stiff jolt to hard-pressed family budgets.

Almost everywhere, people are confronted with escalating costs for electricity. Rates for natural gas used in cooking and heating are climbing in many areas. In scattered communities, telephone charges are joining in the upward climb.

The markup in utility bills comes as something of a surprise, because prices of these services for many years have lagged behind other items in the cost of living. In some places, the increase has been so staggering that customers cannot believe it.

How electric bills are rising.

Percentage increase in electric bills for a residence using 500 kilowatt hours per month between February, 1973 and February, 1974:

Location	Rise in typical bills
New York	47.5%
Long Beach	36.3%
Los Angeles	27.7%
Boston	24.9%
Atlanta	17.0%
San Francisco	16.4%
Washington	16.1%
Philadelphia	13.1%
Houston	6.7%
Chicago	5.3%

Source: Federal Power Commission

The future of our rates is unknown at this time. This is a sample of rates in other parts of the country.

At this time, we are unaware if the adjustment on the new rate will remain constant throughout the year of July 1974 through June 1975.

Because the cooperative is facing an increase of their wholesale rate from the utilities which would be effective January 1, 1975, it is an unknown percentage at this time. This is due to general inflation trends due to fuel, labor, materials and the ecology demands, making this a critical figure.

NEW SELF-BILLING BOOKS

Around the end of June you received your new self-billing books for July 1974 through June 1975. These books are quite expensive and should be kept in a safe place. If you lose your book and it has to be replaced, there will be a charge of \$1.50 per book. Your billing book is printed with a magnetic ink

identification number which is the only means of crediting your account.

If you did not receive your new books, notify the cooperative office.

Please—remember to use your location number from your billing book when calling the office due to billing or outages.



Stephen Mahoney Roseville
 Jerry Payne Roseville
 Lester Mackey Roseville
 Steven Waller Roseville
 Timothy Raymond Roseville
 Betty Carrell Monmouth
 David Johnson Berwick
 Loren Painter Berwick
 John Rice Berwick
 William Johnson Rio
 Gary Oldham Rio
 Gary Jones Abingdon
 Barry Buchen Abingdon
 Don Niles Abingdon
 Larry Skinner Abingdon
 John Triboulet Marietta
 James Percy Avon
 John Long, Jr. Avon
 Phillip Martin Avon
 William McKinley Avon
 David Peterson Avon
 Gerald Cook Tennessee
 Harry DePoy Colchester
 Samuel Cassel Colchester
 David Johns Blandinsville
 Robert Chatterton Blandinsville
 Richard Sawyer Cameron

Wayne Taylor Cameron
 Clyde Hook Cameron
 Ronald Theobald Cameron
 John Wardell Bushnell
 Reggie Brown Adair
 David Ewald Sciota
 George Beckman Bushnell
 Robert Bartlett Macomb
 Linda Murphy Macomb
 Loren Vernoy Macomb
 Edward Barrass Macomb
 Fred Bowman Macomb
 James Douglas Macomb
 Paul Humke Macomb
 Richard Morey Macomb
 Cecil Porter Macomb
 Barry Polite Macomb
 Ronnie Sanderson Macomb
 Donald Surratt Macomb
 Robert Bieterman Macomb
 Mark Chrusciel Macomb
 Ed Costello Macomb
 James Huffman Macomb
 Rex Tatham Macomb
 Gary Wild Macomb
 Lyle Wright Macomb
 Duane Bowman Macomb

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PAGES **837-1400**



LADIES
SAY

READ THE LABEL

No matter where you do your gardening, in large cities or rural areas, some insect is going to find your garden and move in. In most cases, to control these pests you must use insecticides. The U. S. Department of Agriculture reminds you that all insecticides are poisonous. They have to be to get the insects. But they are poisonous to humans, too. There is a big difference in how poisonous they are, so they cannot be treated alike. This means that you must use different precautions in handling different pesticides, that you need to use different quantities against different insects and that the safe interval between spraying and eating the vegetables varies. All the information you need is on the pesticide label. So read the label before buying any pesticide and make sure it is for use against the pest on your plants. Then read it again before mixing and using the pesticide. About one-third of the accidents with pesticides happen because people do not read and follow the directions on labels.

THERE WILL BE A \$5.00 CHARGE TO ANYONE WRITING A NON-SUFFICIENT FUNDS CHECK TO THE COOPERATIVE.

JULY 1974

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



AIR CONDITIONERS

Air conditioners will operate more efficiently if the following tips are followed for safe, dependable operation:

Make sure unit is properly grounded according to manufacturer's instructions.

Read and follow your use and care booklet carefully. Especially note settings of controls.

Do not install larger units that should be handled by a professional or one who thoroughly understands its installation. Small units may be self-installed if recommended by manufacturer.

Always turn off and unplug unit before removing front panel to clean

or replace filter.

Turn unit off if the fan motor fails to operate.

Use recommended size fuse or circuit breaker and wire for proper, safe operation.

After the unit compressor has been shut off or the temperature control setting changed, wait for at least two minutes before restarting. Quick restarts may blow fuses or trip circuit breakers.

Make sure the window sash and the frame are structurally sound before installing the unit.

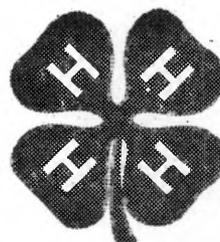
When determining size to buy, consider any appliances in the area to be cooled that will give off heat, especially in kitchen areas.

ANNUAL MEETING

The annual meeting of McDonough Power Cooperative will be held at 7:00 P.M., Thursday, September 5, 1974, at the 4-H Center west of Macomb on Highway 136. Along with the transaction of business and election of officers, the Lester Family will be entertaining again this year. Watch for more details in August Rural Electric News.

*Security
Lighting
only
\$1.50-Month*

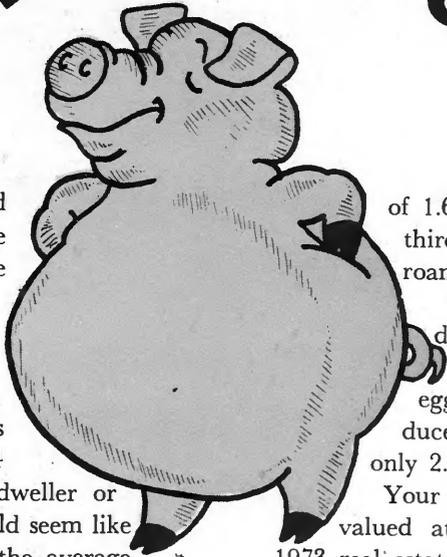
ATTEND McDONOUGH COUNTY
4-H AND JUNIOR SHOW
AT 4-H CENTER
JULY 17 - 18 - 19



*Willie
Salutes
the*
4-H CLUBS



everybody's farm



If all the land used for farming in the United States were divided equally among U.S. families, what would be your family's share?

The answer is slightly less than 24 acres. To the city dweller or suburbanite this would seem like room to roam. But the average farmer, accustomed to 385 acres, might feel a bit cramped.

About 20 of your 24 acres would be actually in your farm. Nearly 7.5 acres of your farm would be cropland; 9.5 would be grassland or range. You also would have about three acres of woodland which you use for grazing, and less than an acre in farmstead, roads and non-farm uses.

In addition to land in your farm, you would run livestock on about four acres of land rented or leased from the Government. About half would be grassland, pasture and range, and the rest would be woodlands—mostly lands administered by the Forest Service.

Although your farm contains nearly 7.5 acres of cropland, you planted less than five acres to crops in 1973. The rest of it was in farrow used for pasture, held out of production under Government programs, or idled for one reason or another. You had over an acre in corn and in hay, and soybean and wheat fields of nine-tenths of an acre. Most other crops were on garden-sized plots.

Your herds and flocks present some puzzling biological problems. You had only one-fifth of a dairy cow, but she managed to produce 2,150 pounds or 250 gallons of milk in the year. The beef cattle herd of 2.0 head dropped nine-tenths of a calf, while your lone hog had a litter

of 1.6 pigs. Only one-third of a sheep roamed your pasture.

You had 5.6 hens during 1973. They laid 103 dozen eggs. You also produced 56 broilers, but only 2.5 turkeys.

Your family farm was valued at \$4,814 on the 1973 real estate market. As the year began, you had \$638 worth of livestock and poultry on hand and \$262 worth of crops. Investment in machinery and motor vehicles amounted to \$726.

If you are a city man, this farm may give you more elbow room than you are accustomed to, and perhaps something of the spirit of agrarian living. But, as every farmer knows, it won't make you rich.

Your 24 acres grossed \$1,684 in

1973. Production expenses took \$1,198 of that, leaving you a net income of only \$486.

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

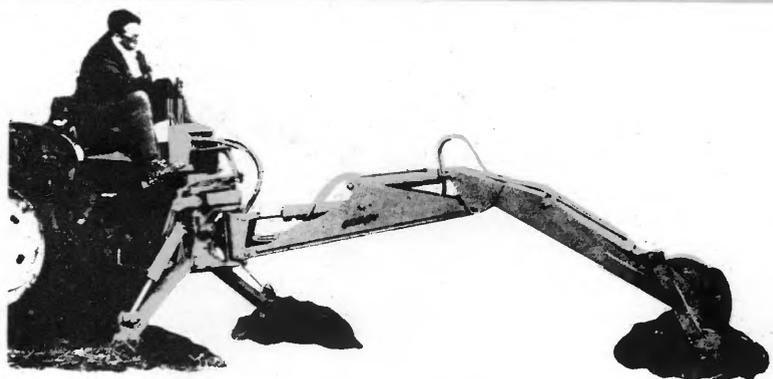
(TEPCO, INC.)

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

GRIZZLY

QUICK HITCH BACKHOE

A TRULY RUGGED AND DEPENDABLE
FARM AND INDUSTRIAL EXCAVATOR



A NEW INNOVATION IN DIGGING WHICH UTILIZES YOUR PRESENT TRACTOR

The powerful GRIZZLY BACKHOE simply and quickly field mounts to three point hitch farm and industrial tractors and other prime movers, such as skid loaders. A built in compensating valve allows successful operation from either an open or closed center hydraulic system. An optional hydraulic pump kit is available for prime movers without center hydraulics.

Whatever your field of endeavor, be it contracting, farming, ranching, trenching, landscaping, irrigation work, cemetery openings, etc., the GRIZZLY BACKHOE allows FULL use of your tractor for hook up of a rear mounted or mid mounted tool after your digging and ditching chores are finished. Get the most from your investment with this detachable excavator.

For more information see your Grizzly (Impl.) dealer or contact the Ill. rep., Bob Dickey — P. O. Box 826 — Chatham, Ill. 62629, Ph. 217-483-3324.

See the Grizzly at the
Ill. State Fair

mission, the Federal Power Commission, the U.S. Justice Department or other governmental or regulatory agencies.

Cooperative leaders are resigned to paying a higher price for wholesale power but insist that such increases be reasonable and consistent with the actual cost of providing service to the cooperatives. Some increase, however is, as one official put it, "a sign of things yet to come."

Air pollution control facilities at power plants is a relatively new, but an increasingly expensive, factor in the cost of wholesale power cost which you, the consumer, must ultimately pay.

If a power company burns coal with more than one percent of sulfur content, current federal regulations require that the company remove the sulfur dioxide waste-product before it is emitted into the air.

The Environmental Protection Agency (EPA) urges utilities to buy gigantic scrubber control systems to remove the sulfur dioxide.

The EPA estimates by 1980 one of every three plants burning coal will have to use scrubbers. Cost of these scrubbers is an estimated \$5.4

billion.

Furthermore, the EPA encourages state utility commissions, the agencies which decide if and when a private power company can increase its rates, to allow such costs to be passed on to consumers.

Increased wholesale power cost is only one of the reasons your electric bill is going up. The cost of electricity is rising for much the same reasons the cost of everything else we buy is rising—inflation.

Electric loads continue to grow and cooperatives must continually increase their plant by extending service to new customers and by replacing old worn out equipment with new.

In fact, many of the poles the cooperatives installed are now as much as 35 years old and nearing the end of their useful lives. The poles to replace the decaying ones will cost five to 10 times as much as the originals did 35 years ago. Maintaining service while the pole is being replaced is even more difficult than new construction and adds to the cost.

Poles are just one example.

Dean Searls, manager of Adams Electrical Co-Operative, Camp Point, recently presented a staggering

list of rising material cost figures to members at the cooperative's annual meeting.

Consider the following prices Adams Electrical, as well as other cooperatives, are now paying compared to prices paid at the end of 1972, just a year and a half ago:

—Crossarms to support the distribution lines have nearly tripled in price—from \$4.88 to \$14.88 each.

—Copper wire, used in transformers and in line construction, has jumped 50 to 75 percent.

—Conductor used in the lines you see along the road has in some cases doubled and tripled in price since the end of 1972 and is often hard to find at any price.

"Construction costs have almost doubled during the past two years," Searls said. "The most serious question is—when will prices level off?"

If high prices for materials were not enough to contend with, cooperatives are also facing shortages of steel, aluminum, copper, timber and other construction material. If a

(continued on page 28)

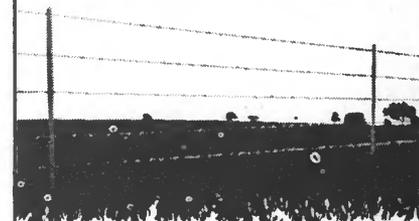


Oaks Mfg. Inc., Oaks, N.D., introduces Model L600—New—Compact—4 Wheel Drive Loader. Hydrostatic Drive—Turns in its tracks—Operation is smooth and easy...and economical to own. Ideal for any job on the farm, construction, factory and warehouse. Various buckets and forks available.

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Manager's Report

By ARTHUR H. PEYTON, Manager

ANNUAL MEMBERS' MEETING

McDONOUGH POWER COOPERATIVE

Thursday
September 5, 1974

4-H Center, West of Macomb
on Route 136

EARLY BIRD AWARDS

FREE ENERGY BILLS

ATTENDANCE PRIZES

FREE INSULATED PITCHER
TO EACH MEMBER REGISTERED

ENTERTAINMENT BY THE LESTER FAMILY

BUSINESS SESSION

We encourage each member of our cooperative to exercise the right to vote in the election of directors at the annual meeting of McDonough Power Cooperative.

You will receive the annual meeting notice in the mail approximately one week before the meeting. It will contain the annual reports and the members' names who are candidates for election. The district where directors' terms are expiring are District 7, now represented by Director Harlan Monroe of Roseville; District 3, now

represented by Director Raymond Irish of Colchester and District 1, now represented by Director Clair Butcher of r.r. 3, Macomb.

The notice of the annual meeting will give the names of the members who are candidates for directorship from these districts for the next three years.

The Board, management and employees wish to express thanks to the membership for their cooperation during the past year. We hope all of our members will attend the annual meeting.

WATT

REN

McDonough P

Macomb

ALL CO-OP ELECTRIC



- Barry Anderson Colchester
- John C. Brown Colchester
- John Bridger Bushnell
- Clifford Friday Rushville
- Ben Gentry Macomb
- Mark Henness Macomb
- Roger Hewitt Macomb
- Mike Hicks Galesburg
- Glen Hoffman Knoxville
- Don Kleinkopf Colchester
- Jack Laverdiere Macomb
- Lester Logue Macomb
- Thomas Mulholland Macomb
- Ray Munson Cameron
- Donnie Payne Macomb
- Freddie Payne Macomb
- Randy Redecker Macomb
- David Sherrill Macomb
- George Sperry Macomb
- James Varbue Macomb
- Phil Verhage Macomb
- Jay Williams Cameron
- Marilyn Bartlow Avon
- Larry Skinner Abingdon
- Ronald Cook Normal
- Larry Heaton Colchester
- Henry Jahde Cameron
- Ronald Perkins Macomb
- F. L. Schisler Macomb
- Leon Serven Bushnell
- Lewis Westover Macomb
- Robin Yaw Macomb
- Gerald Gardner Cameron

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AGES **837-1400**

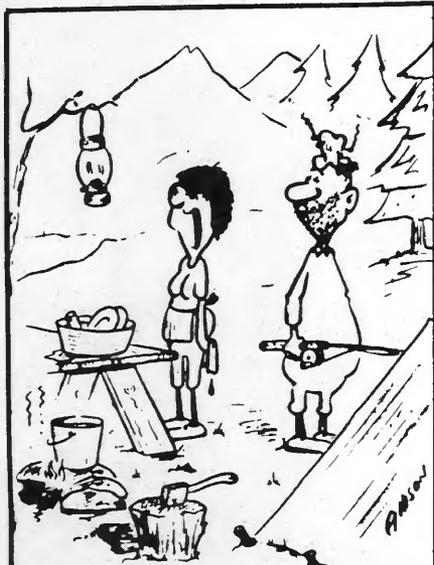


LADIES
SAY

TO BEE...OR NOT TO BEE

For several years entire colonies of honey bees have been disappearing in the South. Searching high and low for them fails to produce a single bee—dead or alive. But a U.S. Department of Agriculture bee expert went looking for the disappearing bees and came up with no bees but a plausible explanation.

This disappearance occurs during winter when there is less rearing of bees and more foraging for nectar. The



"Would somebody please tell me what's so darned much fun about all of this?"

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



The cooperative recently purchased a new one-ton basket truck which is painted fleet yellow with green and white stripes. This equipment is designed for safe, trouble-free operation to aid the linemen in rapid repair of line damage. The basket has a working height of 28-feet.

All cooperative trucks are painted fleet yellow with green and white stripes and have the McDonough Power Cooperative sign on the drivers door for quick and easy identification.

adult honey bees are not being sufficiently replaced by young bees and are dying of old age. In the warm south the foraging worker bees work themselves to death looking for nectar, pollen water and the waxy stuff from tree buds for waterproofing the hive.

In 1962, the bees began disappearing in Texas, Louisiana, Alabama and Mississippi. At the same time, the changing agricultural practices vastly reduced the acreage of pollen-producing pastures and woods.

For example, four million acres were cleared for soybeans in Louisiana alone. According to the scientists, bees are economical managers. When nectar and pollen are cut off, they use their stored up honey and pollen very sparingly. Worker bees put the queen on a struck diet so she reduces egg laying or stops altogether. They also force out the useless drones who only drink up the honey.

In experiments, the colonies that were fed by the scientists had more young bees. The answer to disappearing bees is to feed them. This replaces the steady loss of bees in daily foraging during fall and winter. In the North, bee colonies survive because the bees remain in the hive during winter months. Have you taken a bee to lunch this week?



© NRECA

With its buggy and train rides, one might call it an amusement park. But Old Bagdad Town and the Amish community proclaim it a historic site and the floral and rock displays make it a flowery paradise.

Perhaps it's better just to call Rockome Gardens one of a kind.

The curious blend of amusement park, historical site and floral wonderland is what makes Rockome unique. It also makes it one of Illinois' most attractive and visited tourist spots.

Located five miles west of Arcola off I-57, Rockome is the product of two different designers—Arthur Martin and the present owner, Elvan Yoder—and one great ethnic influence, the Amish community which surrounds it. Electrical power for Rockome Gardens is supplied by Coles-Moultrie Electric Cooperative, Mattoon.

Martin, a wealthy industrialist from Arthur, started the floral design of the Gardens in 1939, during the latter days of the Depression.

When his business could no longer sustain his employees, Martin used them to work on his estate, rather than turn them out on the welfare roles. He bought tons of native Illinois rocks, which his workers broke by hand and inlaid into cement to form the rockwork and fences for which Rockome is noted for today.

In 1951, Martin donated the 208-acre farm to the Mennonite Board of Missions and Charities for use as a retirement haven for missionaries. Seven years later, the Board sold the farm and gardens to Yoder, himself a Mennonite who had been reared in the Amish faith.

"I bought the land originally to farm it," Yoder said. "My wife and I were raising three sons and a daughter and everyone helped plant and weed the flowers and keep the rock formation patched."

And when thousands of people drove by to view the gardens from the road, Yoder realized farming



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Manager's Report

By ARTHUR H. PEYTON, Manager

RATE INCREASE

The members have experienced a small increase in electric cost, 11 cents per hundred kilowatt hours. This rate increase was effective July 1. Before January, 1975, the effect of a new wholesale power cost to the cooperative for the purchase of wholesale power will be studied. The sellers, the utility companies, have notified all the cooperatives of new increased wholesale rates to be put into effect January 1, 1975.

Another increase in the cooperative's rate to its members will be necessary. In the final wholesale rate, the cooperatives have no control over the inflated cost of fuel for generation, anti-pollution control, new equipment and all costs associated with the generation of electricity.

On January 1, you will receive the second new rate chart for this year, reflecting a pass-on of costs from the utilities. The rate increase will be based on the increased cost to the cooperative.

The cost of wholesale power has increased 40 percent over the past six years. Part of this increase has been passed on by the "Purchase Power Adjustment Charge." Since July 1, 1974 this has been 3 mills per KWH that is added to your regular rate. While the cost of electricity has increased, it is still the lowest cost service you have. Compare the percentage increase of food, gasoline, housing and any other essentials and you can truly say electricity is a bargain for all the things it does.

A SWEET little old lady was visiting an exhibit of modernistic paintings. One canvas caught her attention and she asked, "What is that?" The gallery attendant explained condescendingly, "That is supposed to be a mother and child." "Then," snapped the little old lady, "why isn't it?"

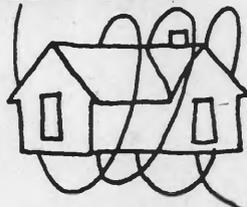
Rounding Meter Readings

As you have noticed by now, your new rate charts are in steps of 10 instead of 100's. When you read your meter, round your reading to the nearest "0." So many of our members round their usage on line 3 to "0," which is incorrect. Whenever this is done, the billing stub is rejected by the computer center as the computer takes the actual members reading and compares it with what the member shows as consumption. When the readings are not rounded and the consumption is, the comparison cannot be made. Therefore, a rejection of the bill is made.

This entails the cooperative to make a billing adjustment, return to computer center, write the member to inform them to round the reading to nearest "0" and any arrears or credit that might arise out of this correction. This is costly to you, the member, as it takes considerable time to trace these errors, re-run them through the computer and inform the member of the error.

Remember, read your meter and round reading to nearest "0." In this manner all present readings, previous readings and consumptions will be ending in "0" and you can readily read this from your new rate chart.

WIRE UP!



FOR FULL HOUSEPOWER

WATT

REN S

McDonough P

Macom

ALL CO-OP ELECTRIC



WELCOME

NEW MEMBERS

- John Costello Macomb
- Roy Hildenberg Galesburg
- Brad Beard Roseville
- Gregory Pettit Roseville
- Stanley Campbell Macomb
- Donald Driskell Blandinsville
- Marvin Cox Macomb
- James Foreman Macomb
- Glen Lawyer Adair
- Joseph McGann Macomb
- Jack Patrick Good Hope
- Eugene Ross Abingdon
- Kenneth Roberts Avon
- Glen Stambaugh Jr. Adair
- Albert Baumgart Macomb
- Dave Butler Macomb
- Kathleen Croy Macomb
- William Cruths Macomb
- Larry Centes Macomb
- Duane DeMay Macomb
- Shelley Dively Macomb
- Julia Dorothy Macomb
- Susan Downing Macomb
- Nancy Edmiston Macomb
- Verna Egger Macomb
- Mark Eriksen Macomb
- Mike Fogle Macomb
- Lori Foss Macomb
- Andrea Frinko Macomb
- Robin Gaiske Macomb
- Harland Gentrea Macomb
- James Jackson Macomb
- Nancy Jacobs Macomb
- Phillip Jennings Macomb
- Ruth Ann Johnson Macomb
- Edward Marcin Macomb
- Marcis Marks Macomb
- Cherie Matousik Macomb
- Jane McCollem Macomb
- Scott McNaff Macomb
- Herbert Mollenkamp Macomb
- Ron Mosec Macomb
- Deborah Moss Macomb
- Sally Pitcher Macomb
- Gary Tresse Macomb

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Charlene Richoz Macomb
 Jodi Pudd Macomb
 Killey Schleich Macomb
 Richard Shemoski Macomb
 Mandy Shafron Macomb



LADIES SAY

Women Should Know...

In days of olde—from dewy dawn till setting sun—the woman's work was never done. But—today, automation is here to stay. The modern woman is surrounded by electric servants of all sizes, shapes and duties. So that is why everyone should get to know a few important things about electricity.

1. How to find the main circuit box in your home.
2. How to replace a fuse.
3. How to tell if your home has low housepower.
4. How to identify and use your electric servants.
5. How to estimate the operating costs of appliances.
6. How to figure your electric bill.

You may have circuit breakers instead of fuses in your home. They do not blow when overloaded but trip out, so—simply reset by closing switch.

Inadequate wiring costs you money. A 10 percent drop in voltage will cause 30 percent loss of light or 20 percent loss of heat. Four out of five homes do not have enough "housepower" today due to increased

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



Deadline for Installation

In order for us to guarantee service for your crop drying facilities, we must have approved your installation before September 30, 1974.

Check with your cooperative personnel before you install any equipment. We may be able to give you some good pointers. As an example; bin location and electric service.

HEATING THIS WINTER?

You will read this article in mid September, and I am sure heating will probably be the furthest thing from your mind. (It is mine as I write about it in July). But to help us plan for the winter, take time out of your busy schedule and advise the cooperative if you plan on converting to electric heat so we will know what to expect for the 1974-75 heating season.

Due to the shortages and uncertainties in all fossil fuels, we anticipate a continuing growth in electric heating in spite of the fact we are not actively promoting it.

Saturday Work Revised

For the past several years your cooperative has had a one-man crew working on Saturdays for the convenience of our members who wanted connected or disconnected or needed some assistance in wiring information, billing, etc.

Effective July 27, 1974 the cooperative will discontinue, (on a trial basis) the Saturday man on duty.

Should you wish to connect or require the services, other than for outages, of a service man, the cooperative will have to make a \$24.00 service charge for work performed on Saturdays.

use of electricity.

You should have at least a 100 amp. circuit box, plenty of circuits and plenty of convenient outlets, fixed lights and switches.

Your electric bill is figured by taking last month's meter reading from the present meter reading, telling you how many kilowatt hours you have used. Your rate chart will give you the amount of money these KWH will cost you. These figures are to be put in the proper place on your billing stub and forwarded with your check to the cooperative.

If at any time you have questions concerning any of these things, please feel free to contact the cooperative office.



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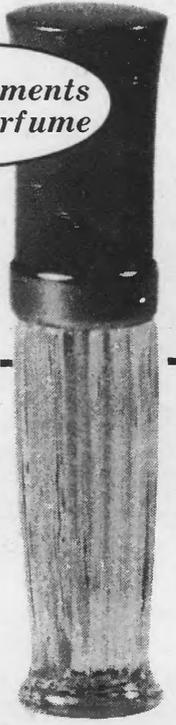
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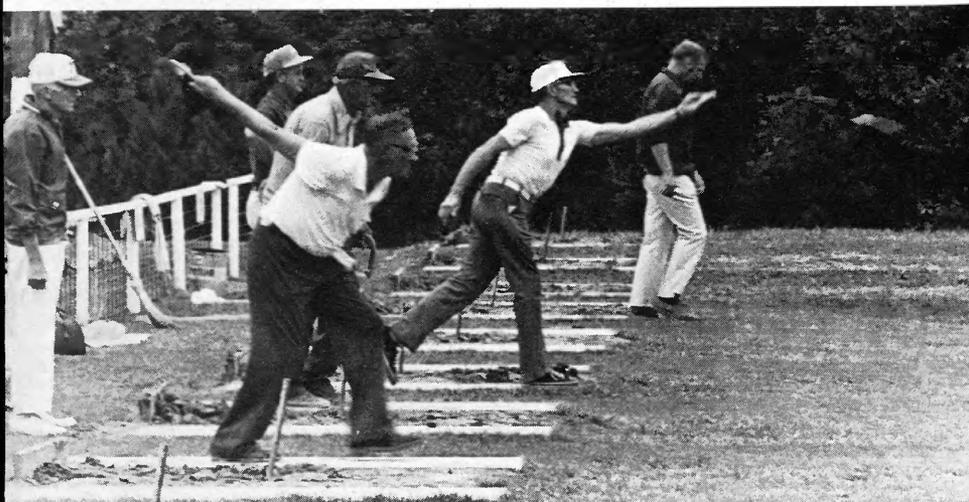
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Illinois Style



Horseshoes



Manager's Report

By ARTHUR H. PEYTON, Manager



TOP: Manager Arthur H. Peyton receiving the award from Albert J. Cross, director of the Legal and Public Affairs Department of the Association of Illinois Electric Cooperatives. CENTER: More than 600 persons jammed into the 4-H Center west of Macomb. BOTTOM RIGHT: Service awards were presented to Clair Butcher, director for 15 years; Lavern McEntire, lineman for 25 years; Stanley Wright, lineman for 25 years, Dick Dunsworth, operating supervisor for 15 years and Max Welsh, director for 10 years. TOP RIGHT: President D. Carroll Walters told members of the effect of inflation on the cooperative.

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ALL CO-OP ELECTRIC

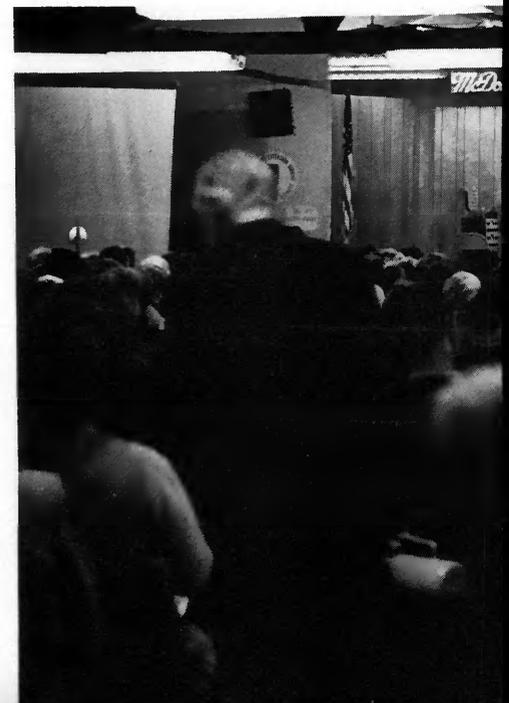
INFLATION HEADLINE

More than 600 persons attended McDonough Power Cooperative's annual meeting held Thursday, September 5 at the 4-H Center West of Macomb.

D. Carroll Walters, president of the cooperative, warned the members of a probable rate increase. He noted that McDonough, along with other cooperatives, is currently negotiating for a new power purchase contract with Central Illinois Public Service (CIPS).

Assistant Manager Robert Pendell echoed the same inflationary tones in his report, but reassured members that the Board will continue striving to provide the best electric service at the lowest possible cost.

During the meeting, Manager Arthur H. Peyton, who is serving as chairman of the CIPS negotiating committee, was presented a commendation from the Association



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ANNUAL MEETING

of Illinois Electric Cooperatives (AIEC).

The commendation was in the form of a resolution and was passed at the AIEC's annual meeting held in August.

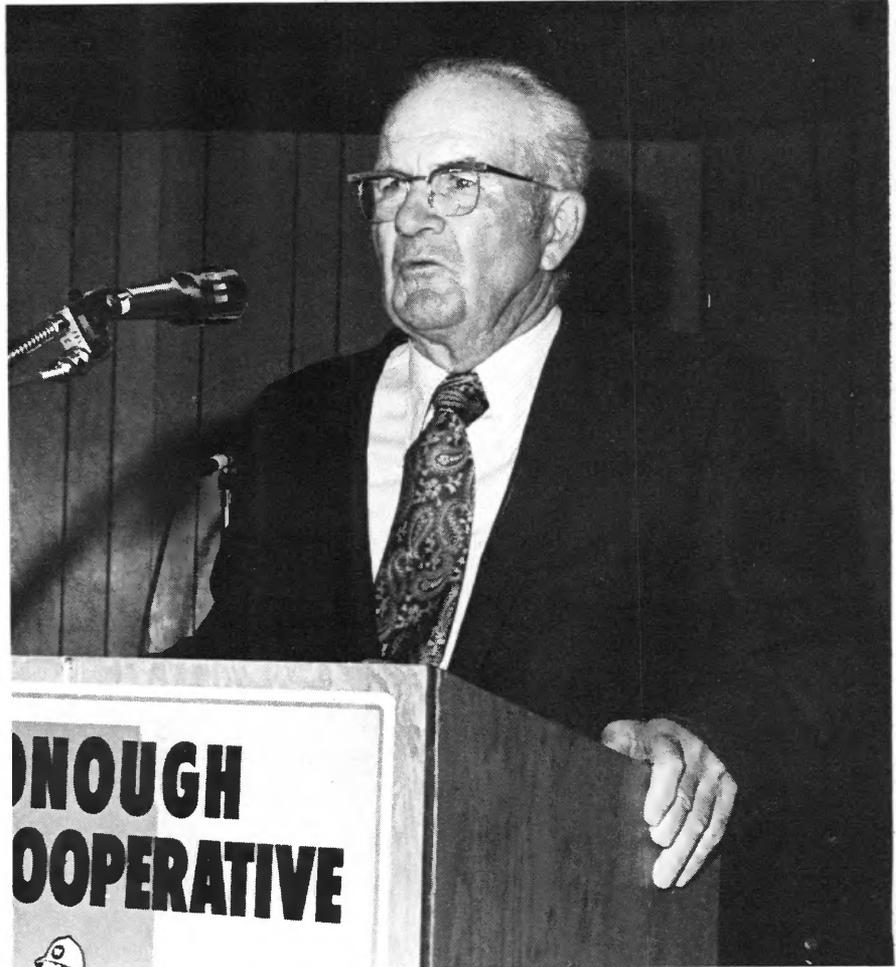
Members re-elected Clair Butcher of Macomb, Raymond Irish of Colchester and Harlan Monroe of Roseville to serve three-year terms on the Board.

Free September energy bills were given away as attendance prizes during the meeting. Persons needed to be present to win. These winners were M. L. Saurbaugh of Table Grove, Richard Dixon of Colchester, Bernard Horwedel of Vermont, Christian Church of Fandon, Wayne Copes of Vermont, Oral Derry of Macomb, and James Lura Dixon of Colchester.

Entertainment before and after the business session was provided by the Lester Family.

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



A. Leo Goleman of Divernon is a person who enjoys people, seeks to understand problems and, above all, likes to be involved. These are probably only a few of the attributes which led to his selection as president of the Association of Illinois Electric Cooperatives (AIEC).

How he became involved with the work of electric cooperatives, and the organization he now heads, is a different story. In the beginning, at least, it was due to embarrassment.

Goleman was selected as president by directors of the AIEC during the recent annual meeting of the organization. The AIEC is a state-wide organization which provides services to the 27 distribution cooperatives and two generation and transmission cooperatives in Illinois. Goleman is also vice president of Rural Electric Convenience Cooperative Co., Auburn.

"I guess I was like a lot of people who take their electrical service for granted," Goleman said. "I had never attended an annual meeting of our local cooperative or even went inside the office except maybe to pay a bill. When the board asked me to serve, I felt a certain amount of real embarrassment."

And because he is the type of person who doesn't like to settle for just a little knowledge, after he became a director, Goleman set about to learn all he could about the electric business. "We are able to respond as we understand," Goleman said.

That understanding, over a five-year period, led to his selection as only the 12th president of the AIEC. He succeeded Robert Zook of Athens.

At one time in his life, however, Goleman would have been an unlikely candidate to even belong to a rural-oriented organization, much less be its president. He was much more at home in the classroom or with his paintbrush and easel.



ABOVE: Goleman farms 760 acres near Divernon and maintains an interest in the problems of the rural area. RIGHT: Goleman is married and has four children. Front, from left are: Anne, 19, and Goleman. Back row, from left are: John, 21; Andy, 12, Mrs. Goleman, and Melinda, 16.

The son of a minister, Goleman was born in the small town of Oakland in Coles County. His first ambition was to become an athletic coach. When illness prevented the realization of that dream, he turned to his second love—art.

"I didn't take my first art course until I was in college, so it took me quite a while to develop my style," Goleman said. "I used to sit at the kitchen table and paint for hours working on my technique.

"I wanted to paint things that people could laugh at and understand . . . things people might enjoy," Goleman added. "I guess my paintings reflect my philosophy of life. They are my way of expressing what I feel."

After receiving his Bachelor's Degree in Education and his Master's Degree in Fine Arts, Goleman taught art in the Springfield public school system for four years. He left teaching to become a farmer.

Goleman did not start farming until he was 27 years old. He and his wife, Dorothy, moved into a house near Divernon, owned by her father, and rented 120 acres to farm. Goleman, 21 years later, now farms

aiec's new



Thousands recently stepped back into yesteryear for a few hours and enjoyed the sights and sounds of their forefathers.

The scene was the Land of Lincoln Crafts Festival, held annually each fall at the New Salem Carriage Museum, one-half mile south of New Salem State Park. Because of the central location, the festival has become popular with visitors from all corners of Illinois and neighboring states.

More than 160 local people, many of them electric cooperative members, demonstrated 60 crafts which our ancestors took for granted in

their everyday lives, but today have been forgotten by most people.

The annual event was sponsored by Petersburg Town and County Women's Club. Electric power for the site was provided by Menard Electric Cooperative, Petersburg.

Much of the festival was a gourmet's delight with fresh smoked ham, sassafras tea, bittersweet, paw-paws, pumpkin bread, cottage cheese, kraut, hominy, sorghum and sweet cider.

There was something for all ages. And although it only lasted a weekend, it brought back many fond memories of days gone by.

Festival

BELOW: Chester Pettit of Springfield (left) and Homer Lounsberry of Oakford, a member of Menard Electric Cooperative, set their team to work. BOTTOM: Dell Price of Petersburg, also a cooperative member, slowly stirs a fresh batch of sorghum. CENTER: The fine art of rail splitting was handled by several hearty young men. FAR LEFT, BELOW: Mary Hurie of Petersburg demonstrated chair caning. FAR LEFT, ABOVE: According to Mrs. Ernest Ayers of Pawnee, a member of Rural Electric Convenience Cooperative Co., Auburn, goose plucking really doesn't hurt the pluckee.



NEW

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er Cooperative

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Member Service Report

By ROBERT E. PENDELL, Assistant Manager



WELCOME NEW MEMBERS

- | | | | |
|---------------------------|------------|----------------------------|---------------|
| Chuck Baxter | Roseville | Paul Piper | Monmouth |
| James Breckon | Roseville | Kenneth McDonald | Cameron |
| Fred Adkisson | Roseville | Omer Randell | Plymouth |
| John Hutchins | Roseville | Terry Schoonover | Plymouth |
| Leslie Boston | Colchester | Charles Waggoner | Plymouth |
| Gene Clark | Colchester | Bruce Wilkins | Avon |
| John Kline | Colchester | Gary Bultemeire | Avon |
| Richard Longcor | Colchester | Duane Miles | Avon |
| Larry Yetter | Colchester | Francis Russell | Avon |
| Edward Coughlin | Colchester | Rex Wilson | Berwick |
| Glenn Vaughn | Colchester | Melvin Zulauf | Marietta |
| Steven Breckon | Good Hope | Dick Boman | Farmer City |
| Glen Guarin | Good Hope | Mike Brady | Sciota |
| Robert Keimig | Good Hope | Glenn Brooks | Maquon |
| Larry Fowler | Good Hope | Jerry Collins | Blandinsville |
| James Hodges | Good Hope | Raymond Ruebush | Blandinsville |
| Larry Carmblet | Adair | Lyle Gray | Raritan |
| Dwight Hart | Adair | Orville Hedrick | Rushville |
| Daniel Harding | Tennessee | Raymond Hedrick | Rushville |
| Bill Head | Abingdon | James Maloney | Bushnell |
| Joseph Mangueri | Abingdon | Charles McKenna | Smithshire |
| Howard Welsh | Abingdon | Ronald Rothzen | Smithshire |
| William Kelly | Adair | Keith Shoemaker | Industry |
| Carl Leach | Cuba | Martin Grisham | Industry |
| Douglas McCrery | Monmouth | Vernon Weis | Blandinsville |

Give Thanks



Happy Thanksgiving from the Board, Managers and Employees of . . .

McDonough Power Cooperative

AN INEXPERIENCED speaker arose in confusion after dinner and confessed: "My friends, when I came here tonight only God and myself knew what I was about to say to you—and now only God knows."

IT IS UNWISE to pay too much, but it is unwise to pay too little. When you pay too much you lose a little money, that is all. When you pay too little, sometimes you lose everything, because the thing you bought was incapable of doing the thing you bought it to do.

—John Ruskin

GUESS they call them window envelopes because they contain bills that give us a pane.

NOVEMBER 1974

Patronage Refund

Your cooperative has arrived at the percentage allocation on patronage refund for the years of 1971, 1972 and 1973 for all members served by the cooperative during that period. We are now in the process of assigning these credits to the individual member's ledgers.

There will not be any actual cash patronage refund for 1971, 1972 and 1973 as the cooperative by-laws provide that no cash patronage refund be made as long as the reserves are less than 15 percent of plant. They are just

assignable to the members' ledgers.

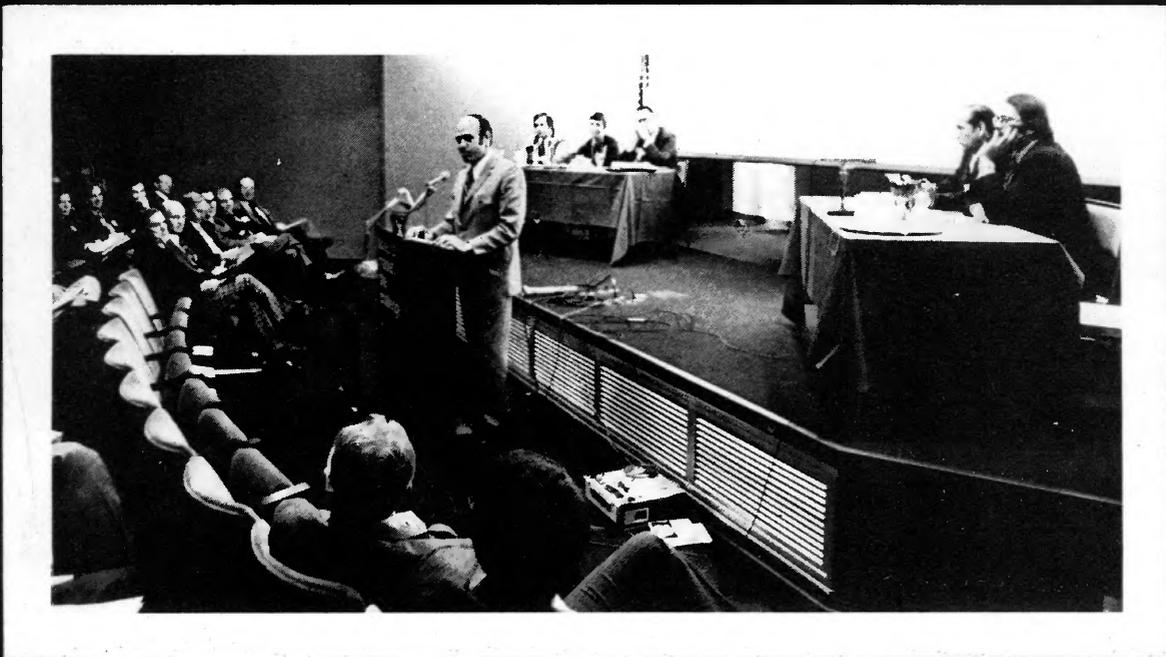
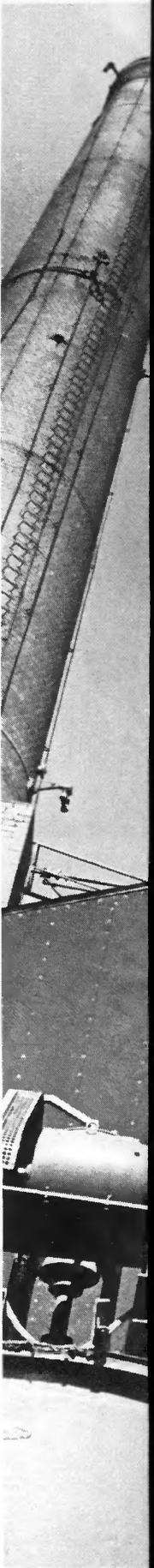
The percentage of patronage refund assignable to each member, in relation to the dollars paid for the KWH used during the year of 1971, is 9.62 percent; 1972, 12.09 percent, and 1973, 11.95 percent.

If you wish to know the amount of your assignable patronage refund for each of these years, or any one year, please notify your cooperative and we will supply you with these figures. We would need your membership name, account number and location number.

Illinois Coal 2

the challenge

Mines to Market:



It's easy to get along with Harry Davidson—just don't make fun of his mules. According to him, you could do a lot worse than having a mule for a pet. You could have a horse for instance.

Davidson, who lives on a small farm south of Nashville, has one of the best team of mules in the state—maybe the nation, considering the declining mule population. At least, when he took his team to the National Mule and Donkey Jubilee in Indiana recently, they were good enough to win the half-mile chariot race and place fifth overall in the halter or show class from among 1,400 animals.

The mules' home is located 27 miles west of Mt. Vernon, headquarters of Tri-County Electric Cooperative, Inc., which supplies electric power for the farm.

Davidson doesn't exaggerate about his mules' capabilities. In fact, he has a tendency to understate them—which often leads the interviewer to ask one question too many.

"I got a stallion out in the pasture," Davidson said, "but he hasn't got much of a bloodline."

The first mistake. "How far back can his bloodline be traced?"

"Well, he is a great-great grandson of General Ulysses S. Grant's horse, Leopard," Davidson said. "Guess he does go back a ways, doesn't he?"

Or, "Got me a mule across the road, but he can't jump very high and he's pretty slow, too."

Haven't you learned. "How high and how slow?"

"Well, he once cleared a four-foot fence and did a quarter mile in 26 seconds," Davidson said. "Never seen any other mule jump that high. And the speed is up to a quarterhorse's."

When Davidson talks about his mules in a serious vein though—listen. He probably knows as much about them as any self-proclaimed expert. He has been around mules most of his 58 years. Davidson's father spent his life breaking mules he had purchased and Davidson picked up his father's habit early.

"I had my first mule when I was six," Davidson said. "When I was 12, I traded a heifer for a mule and the mule for an old car. Been swapping ever since then."

Davidson now has only four mules. A heart attack in 1971 forced him to sell most of the 13 head he had. Eventually though, the heart attack

also forced him to give up his job as a railroad switchman in St. Louis, so he's back in the mule-raising business again—if on a much smaller scale.

"Before I had the heart problems, I used to do some serious swapping," Davidson said. "Figure I probably traded more than 300 in the years I been around them. Anymore though, it's just a hobby with me."

Davidson only recently has begun entering his mules in competitions. And they have done exceptionally well, even though his mules are considerably smaller than most of the mules and ponies they compete against.

"These are 'mini-mules,' Davidson said. "They are a cross between a donkey and a pony instead of a donkey and a regular-sized horse. The biggest one stands an inch under four-feet high, the smallest is only 45 inches tall."

In another era and area, the mules Davidson breeds would be called cotton mules, bred in the Old South to do work in cotton rows that a large horse could not negotiate.

Which brings us rather obliquely to the horse. In many ways, Davidson feels the mule is maligned when compared to his larger cousin, the horse. According to him, it should be the other way around.

"The mule is superior to the horse, intelligence-wise and most other ways," Davidson said. "For one thing, they are easier to train than a horse. I can train a mule to do things in one year it will take a horse three years to figure out.

"That's why you mostly see trick mules in rodeos instead of trick horses. Same thing with being used as a pack animal. Mules are just more surefooted going up a mountain slope, and they are about half-again as strong as a horse of the same size."

"Mules aren't stupid, but the people that own them can be," Davidson said. One story he uses to illustrate the point is about a mule pulling a load of hay.

"The mule pulled until it couldn't pull anymore, which made the farmer mad. He lit a fire under the mule to get it going. Well, the mule moved alright. It moved until the fire was under the wagon and the hay was blazing.

"Same way with hurting a mule," Davidson added. "Besides showing how dumb some people are, it also proves how intelligent the

(continued on page 16)

HARRY DAVIDSON IS BASICALLY JUST AN . . .





Manager's Report

By ARTHUR H. PEYTON, Manager

Happy Holidays

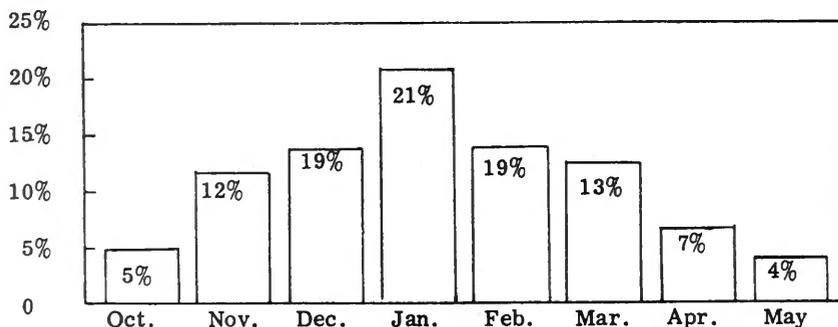


HAPPY HOLIDAYS from McDonough Power Cooperative. Christmas is a happy time...a joyous season. It is a time for giving and a time for receiving. It is also a time for remembering. We need to remember the real meaning of Christmas...the celebration of the birth of the Christ Child nearly two thousand years ago. The message of Christmas is clear...it is a message of hope, peace and goodwill. It is through the warmth of fellowship expressed in the concern for fellowmen, so evident at this time of year, that the true meaning of Christmas shines through the commercial trappings.

And so, McDonough Power Cooperative's directors and employees extend to you their best wishes for the holiday season.

Monthly Requirements For Average Heating Season

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



WATTS

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McDonough Po

Macomb

ALL CO-OP ELECTRIC O



- Richard Hockett Adair
- Jim & Brenda Sipes Adair
- Ivan Line Avon
- Thomas Jazdzewski Avon
- Larry Jackson Avon
- Bernice Durie Avon
- Bruce Hall Berwick
- Duane Pratt Berwick
- David Parks Blandinsville
- Ferris Callihan Cameron
- Gene Parks Colchester
- Johnny Harrison Industry
- Ross Walters Industry
- Lester Morrison Plymouth
- Raymond Carrier Roseville
- George Huston Roseville
- Guy Irwin Rushville
- Robert Thompson Tennessee
- Stanley Whitlock Tennessee
- John Szczesniak Macomb
- Joan Powell Macomb
- Richard Pontifex Macomb
- Diana Lantz Macomb
- Ray Horney Macomb
- Fred Hess Macomb
- Steven Heiser Macomb
- Dane Grossnickle Macomb
- Mike Clark Macomb
- James Winkler Macomb
- George Brew Macomb
- A.H.T. Farms Macomb



ILLINOIS RURAL ELECTRIC NEWS

NEW

EMENT
r Cooperative
61455
AGES **837-1400**

The cooperative read all meters the week of December 2 to 6, 1974. You have received your first computer card billing and are to read your meter and return the portion of the card on which you entered your reading, with the amount due to the cooperative.

Member Service Report

By ROBERT E. PENDELL, Assistant Manager



Discontinue Self-Billing

This card shows you the previous month's reading; the net bill, KWH used, any balance due, security light charge, tax, and the meter serial number associated with the location.

Hereafter, on the 5th of each month, you will receive a computer card billing. This method of billing is to expedite your billing by eliminating errors. You will have a portion of the

card for your permanent record.

REMEMBER to save your brown plastic folder which now contains your billing book, so you will have your location number when calling the cooperative office.

MEMBER TO READ METER AND REMIT PAYMENT OF ELECTRIC BILL ON THE 5th OF EACH MONTH.

McDONOUGH POWER
COOPERATIVE
BOX 352
MACOMB, IL 61455

Address Correction Requested
Return Postage Guaranteed

5961 5962 1 1 205 08-46-005
BAL FORWARD 430

John Doe
Box 000
Somewhere AM 00000

PUT
READING
HERE
AND MAIL
WITH
PAYMENT

THIS STATEMENT IS FOR CONSUMPTION NOT LATER THAN

0001 Bill is Delinquent and Penalty applies after this date →

000000 21 742 769 000000 7800 000000 7800 645 E 635

Keep For Your Records

Bill Date	Previous Meter Reading	ENTER METER READING HERE
08-46-005	5962	XX
Account Number	With Penalty	Net Amt Due
0000007800	645 E	635

RETURN THIS PORTION

**Add
More Light
to your
Night Life
with a
Security
Light!**

Free Energy Bill

James and Lura Dixon became members of McDonough Power Cooperative in 1961 and attended their first annual meeting the same year.

The result was they won a month's free energy bill (\$14.42) for their first

year as a cooperative member. Their last year as a cooperative member was 1974, and they also attended the cooperative's annual meeting last September. The result was they again won a month's free energy bill (\$27.98).

Is it true that Santa Claus lives on Bannon Hill near Grayville rather than the North Pole?

Not really, but one of his helpers who has portrayed the jolly old gent for the past 49 years does live there. And from time to time he receives mail addressed: Santa Claus, Route 1, Bannon Hill, Grayville, Illinois.

Santa's helper is Willard Bannon. And with almost a half century of ho-ho-hoing, one might say he has quite a bit of experience under his wide, black belt.

Bannon, a director of Wayne-White Counties Electric Cooperative, started as Santa's Grayville area representative in 1925. He enjoyed it so much he hasn't been able to resist donning that fancy red suit since.

Bannon's interest in portraying Santa came after seeing an uninteresting portrayal by another of Santa's helpers.

"What bothered me," Bannon said, "was the person, not wanting to give away his identity, wouldn't speak. A Santa without a voice isn't worth a hoot—I felt I could do a better job so I gave it a try.

"I soon realized it wasn't an easy job to be an interesting Santa. I remember waiting to make one of my first appearances and I noticed an elderly couple walking out. Asking where they were going, they

replied 'Santa Claus is not for old folks.'

"Since then I've tried to make my program interesting to young and old alike. I've found out the red suit alone fascinates children, but the older people tend to listen to what you say."

Bannon works out a special program for every appearance. His repertoire includes stories, joke gifts and various types of letters to Santa.

"As far as Santa's concerned," Bannon said, "everyone's a child—men are boys and ladies are little girls. Just referring to an elderly lady as a little girl creates a jovial atmosphere.

"Whatever I do, I just try to keep the program interesting," Bannon said.

And interesting his programs must be, for he has played the role many times in an area from Fairfield to as far away as Evansville, Indiana.

He counted 10 churches and eight schools he has played many times. Sometimes he plays as many as three different engagements in one night.

"Santa, like a mailman, has to go rain, ice or snow," Bannon said. His wife does the driving when he is in costume and she keeps track of his engagements. She also makes, repairs and maintains his fancy red suit. He has worn out several over the years.

Bannon proudly says he has never missed a year in nearby Fortney. His endless list of other engagements include the Edwards County Fair, Grayville Christmas festivities, service organization parties and many private parties. Bannon has been Santa to five generations of one area family.

He is also proud of the times he has been able to bring Christmas to less fortunate families because of the generosity of many people in the Grayville area.

The years have provided many memorable experiences, some humorous. He recalled one school program where he was supposed to appear, and when dressing found the pants to his costume had been left at home. "Luckily, it was a short drive and I had enough time," Bannon said.

"Children can be mischievous at times," he said recalling an incident after another school program. "Three 12-year-old boys decided they would disrobe Santa and were waiting for



Grayville Area Resident

Nearly 50 Years of Ho-