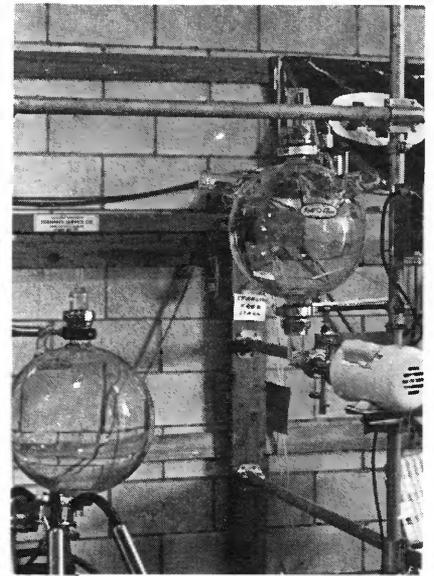
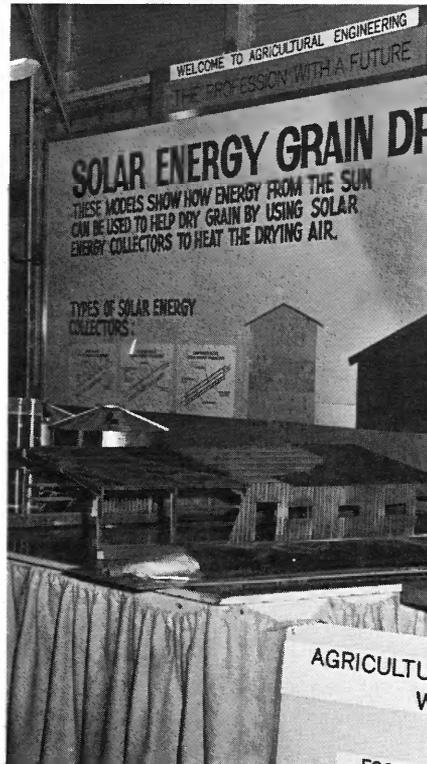




# Farm Materials Handling Show March 2-4



*The show features a broad range of displays, including heavy equipment outside, institutional displays and specialized setups such as those for milking parlors.*

There will be more indoor exhibit space for the 22nd annual Southern Illinois Farm Materials Handling Show March 2-4 at the Washington County Fairgrounds in Nashville. Arrangements for the additional space were made by the show's planning committee, working with the Washington County Fair Board.

The expansion has added about 15 spaces increasing total exhibit spaces to more than 100, according to show coordinator Richard Patterson, who is an assistant professor agricultural mechanization at the Southern Illinois University-Carbondale School of Agriculture.

The show is open without charge

and there is ample parking adjacent to the exhibit buildings. Food service, including snacks, lunches and dinners, is available on the fairgrounds.

Exhibitor interest continues the trend of the past several years as they plan displays featuring energy-saving methods to move grain, pump water and perform a variety of other farm chores. Included in the exhibits will be feed mixing, grinding, handling and storing equipment; machinery and setups for feeding, watering and managing livestock; electrical equipment and controls; lighting heating and cooling equipment; appliances and shop supplies for home and farmstead; and many other ideas and materials for

saving labor and increasing efficiency.

Show hours on Tuesday and Wednesday, March 2 and 3, are from 9 a.m. until 9 p.m. On Wednesday, March 4; hours are 9 a.m. until 3 p.m.

The show is sponsored and planned by the SIUC School of Agriculture, the University of Illinois Cooperative Extension Service, the Illinois Farm Electrification Council, Illinois Power Company and nine electric cooperatives: Monroe County Electric, Tri-County Electric, Southwestern Electric, Southeastern Electric, Egyptian Electric, Clay County Electric, Clinton County Electric, Wayne-White Counties Electric and Southern Illinois Electric.



# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

*"You never miss the water till the well runs dry."*

Your grandparents said it, your parents said it, and we are repeating it here, because it's an adage with a message. In its own subtle way it warns us what can happen when we let good opportunities pass us by, or what can happen when we take too lightly of what we have and our responsibilities and freedoms.

Below we will talk about your electric cooperative — why it was formed, what it means to you. Every month new young families join the ranks of Monroe County Electric Cooperative members/consumers. Many grew up in the cities with no conception of why electric cooperatives were created, how they are run, and what they do for people.

Before 1935 less than 10 percent of the farms in our country had central station electric service. Most rural Americans could not get electricity — at least, not for a price they could afford.

Investor-owned utilities (IOU's) would not, or could not, extend their electric lines into rural areas. Their reasons: "It would cost too much investment on their part." They contended that rural America was not ready for electricity, stating in a nationwide reports, "Farmers are interested in getting only lights. They go to bed so early, they would have a hard time using even 25 to 30 kilowatt-hours per month. We could never make money selling power to that kind of customer."

The answer to this energy crisis was answered in May 1935, when the President of the United States issued an Executive Order, Number 7037, which established the Rural Electrification Administration (REA) as an agency to initiate, formulate, administer and supervise a program of approved projects with respect to the generation, transmission and distribution of electric energy in rural areas.

Yet, investor-owned utilities refused the assistance of such a program for extending their lines to the darkened rural areas. It became evident that if there were going to be lights in rural America, the farmer and other rural residents would have to do it themselves. The enactment of the Rural Electrification Act of 1936 by Congress gave birth to the

idea of Cooperatives as a means of bringing power to the countryside.

With the promise of low-interest, long-term loans, not grants, farm leaders such as the Farm Bureau and County Extension agents took to the countryside to sign up members who would form the electric cooperatives which would bring modern day electricity to their farms and homes.

These cooperatives progressed rapidly, not only because of the dire need for the service but because they were run democratically. Early cooperative leaders and members supported the democratic idea that people working together as equals could attain a common goal more efficiently and more economically than we possible as individuals.

The greatest asset of your Cooperative is YOU, the member, and your participation in its democratic process. All members-consumers have the opportunity, right and responsibility to participate in the operation of the cooperative through their votes.

Through the process of one member-one vote, you have significant control over the cooperative's destiny. All members are entitled to vote at the Cooperative's annual meeting. It is during this meeting that the democratic principles are exercised in the transaction of business and election of representatives to the cooperative's board of directors.

This process ensures that cooperative members have controlling authority over the cooperative's board of directors and management. Through this process you are given specific powers under the cooperative's charter documents and its code of operation.

The one-member, one-vote concept is not only a right of cooperative members; it is a responsibility.

The cooperative's 44th Annual Member Meeting will be held Monday, March 29, 1982, at 7:30 p.m. at the Waterloo Junior High School Auditorium in Waterloo. Mark your calendar now.

## November power bill

Cost of Purchased Power	142,825.00
Number of KWH's purchased	4,320,000
Cost per KWH's	.03306
Less amount covered by base rate	.028
Difference	.00506
Average line loss factor	x .10
WPCA for KWH used October 15 to November 15 payable with your December 15 electric bill	.00557

# Degree days track home heat needs

Would you like to find out if the winter is colder or warmer than the average for our locality?

You can accomplish this with some simple calculations. Professional heating engineers have been doing it for about 40 years and they vouch for the system.

To begin with there is "the degree-day," an official statistical measure of coldness. For example, when the daily mean temperature is 65 degrees or higher, most buildings require no heat to maintain an inside temperature of 70 degrees.

## HIGH AND LOW

The daily mean temperature is obtained by adding together the high and low temperatures reported by the local weather bureau for the day and dividing the total by two. Thus if the high is 45 degrees and the low 25 degrees, the daily mean temperature is 35 degrees.

Now each degree of mean temperature below 65 is considered to be one degree-day. Thus in the example given, 30 of these degree-days accumulated during the

24-hour period. In other words, the mean temperature for that period 35 was 30 degrees below 65.

It is clear, then, that for every degree of mean temperature below 65, more fuel is going to be needed to keep a 68-degree temperature indoors. Suppose the mean temperature for a day is 15 degrees. That means 50 degree-days (or 65 minus 15). Such a day, it should be clear, would require twice as much heating fuel as a day with a mean temperature of 40.

To apply the degree-day concept to your own home, you should keep a record of the accumulated degree-days and of fuel consumption for a week or two. Then divide the amount of fuel used during this period by the degree-day total, to find the amount of fuel per degree-day required to heat your home.

Using the resulting figure, you can estimate the quantity of fuel you will use in a normal winter in your locality.

This is also one way to check on your fuel bills.

# Consumer price index

The chart below shows the Consumer Price Index (CPI) since 1967 and an index of revenue per kilowatt-hour received by Monroe County Electric Cooperative.

The CPI is that familiar measure of the cost of living that has been making news the past seven or eight years. It is the most common index of the United States economy.

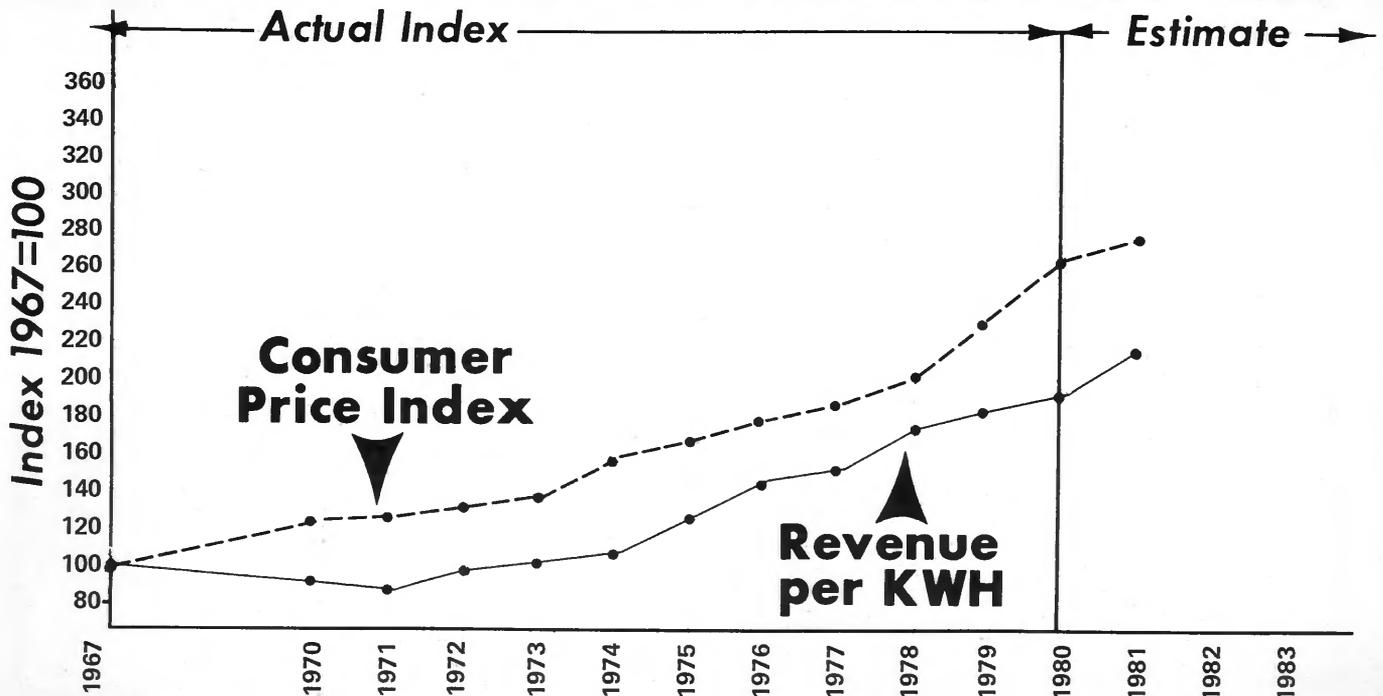
We are using this chart as part of our explanation of the forces driving electric rates higher. As the chart indicates, the CPI is rising at a rapid rate. You can see our retail

electric rates have paralleled the CPI, and for the past few years have compared very favorably with the Consumer Price Index, and the many items that make up the index, items such as; food, gasoline, utilities, home mortgages, etc.

While we do not tie our retail rates to the CPI, we do want to call attention to the fact that our cost of providing service to our members is increasing due to inflation, just as your cost of providing the necessities of life to your family is increasing. Both are tied somewhat to that economic yard stick, the Consumer Price Index.

## Monroe County Electric Co-Operative

### Electric Rates vs. Consumer Price Index 1967-1986



★★★  
SPECIAL  
OFFER

# Public Announcement

FOR THE READERS OF THIS PUBLICATION

★★★  
SPECIAL  
OFFER

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WONDERFUL GIFT!**

**GIANT 60MM  
OBJECTIVE  
LENSES!**



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798  
WHILE  
THEY LAST!**

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  - Taper-Fluted Barrels
  - Revolutionary New Design
  - Non-Reflective Black Body
  - Optional Carrying Case—\$2

**FREE!** LENS COVERS AND SHOULDER STRAPS WITH EACH PAIR

## SPECIAL DELUXE MODEL

A limited quantity of our **NEW DELUXE MODEL** (not illustrated) is now available. It has all of the great features of the model described in this ad **PLUS Tinted Lenses**. Only \$2 more. It is our Model No. 195 — Only \$9.98 Each!

FOSTER-TRENT proudly presents the Jubilee Model of the famous **POWERHOUSE BINOCULARS**. This Gigantic "SUPER 50" was created in Europe after years of extensive research. It's chock full of revolutionary new design ideas, such as Fluted Barrels for extra strength . . . Variable Focusing for smooth, pull-in power — from 50 Yards or 50 Miles away! Best of all, **GIANT 60MM Objective Lenses** for massive light gathering power. You'll get terrific views. Now, any reader of this publication can own these superb binoculars at rock-bottom cost.

**PERFECT FOR SPORT FANS . . . NATURE LOVERS!  
GREAT FOR SECRET SURVEILLANCE!**

The **GIANT 60MM Lenses** pull in the thrilling action . . . even from the bleachers. Study wild animals without disturbing them. Enjoy thrilling vistas from **50 MILES AWAY**. See without being seen . . . it's fun to be your own detective. Study suspicious strangers from the privacy of your own home.

**TRY THEM ON 30 DAY FREE HOME TRIAL!**

No Risk No Obligation. Enjoy them for **1 full month before deciding**. If you're not 100% satisfied return them for a full, immediate refund except postage & handling. All orders received will be shipped on a first come, first served basis. Please act promptly for fast shipment.

### 10 YEAR CONDITIONAL GUARANTEE

These quality nonprismatic binoculars are ruggedly made and fully warranted against manufacturer's defects for **10 full years**. If they should fail to operate properly anytime in 10 years, return with \$1 to cover handling costs and they will be repaired or replaced free. Guarantee ends **DECEMBER 31, 1991**.

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2345 Boston Post Road, Larchmont, N.Y. 10538**

Rush my order for the new, improved **POWERHOUSE BINOCULARS** with **GIANT 60 MILLIMETER** lenses as checked below on **30 DAY TRIAL**. My complete satisfaction guaranteed or my money back (less postage and handling). Include the Carrying Straps and Cover Seals at no extra cost.

**INDICATE QUANTITY WANTED BELOW**

- ONE BINOCULAR — \$7.98 + 1.25 postage & handling.
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  - THREE BINOCULARS — \$19 + 1.95 postage & handling (YOU SAVE \$6.74).
  - SPECIAL BINOCULAR CASE (CALF GRAINED VINYL) ONLY \$2.00
  - DELUXE MODEL — No. 195—\$9.98 + 1.25 postage & handling
- N.Y.S. Residents be sure to add Sales Tax.  
SORRY! No COD's. Please send check, M.O. or Cash for prompt delivery.

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(Please fill in information below!)

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Expiration Date \_\_\_\_\_

Expiration Date \_\_\_\_\_

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**Illinois  
winner  
of national  
Cooperative  
Month  
citation**

For the second consecutive year, the work of the Illinois Cooperative Coordinating Committee (ICCC) has received national recognition for its Cooperative Month activities.

The Illinois Cooperative Month Committee, a subcommittee of the ICCC, was one of three such committees that received special citations for their work in 1981 during October Cooperative Month. Also honored with special citations were Minnesota and Wisconsin. The California Cooperative Month Committee received the highest honor, the national award, from the Cooperative Month Planning Committee of Washington, D.C. Illinois was the national winner in 1980.

Two members of the staff of the Association of Illinois Electric Cooperatives (AIEC), the statewide service organization for the state's electric cooperatives, played important roles in Illinois' success in the two years. Thomas H. Moore, executive vice president and general manager, is chairman of the ICCC, while Gordon M. Olsen, director of the AIEC Information and Printing Departments, served as chairman of the Cooperative Month Committee.

The national committee presents awards annually to the state committees conducting the best programs to call attention to the contributions of the cooperatives and to inform members and the public about these contributions. For 1981, these activities centered on the theme, "Cooperatives — Building a Better America."

Activities carried on in Illinois included: a series of interviews distributed to Illinois radio stations, a video tape series distributed to television stations in major Illinois markets and extensive newspaper and radio coverage of Cooperative Month events throughout the state.

The ICCC serves as a clearinghouse on matters affecting the growth and development of Illinois cooperatives. Objectives include developing a leadership role in coordinating cooperative educational activities, encouraging active observance of National Cooperative Month, establishing improved communications between cooperatives, publicizing the purpose and accomplishments of local cooperative organizations, and developing and distributing information relating to Illinois cooperatives.

In addition to the AIEC, membership of the ICCC is made up of: Farmland Industries, Inc.; Federal Land Bank of St. Louis; GROWMARK, Inc.; GROWMARK, Inc. — Grain Division; Illinois Farm Bureau; Illinois Milk Producers Association; Illinois Production Credit Associations; Interstate Producers Livestock Association; Southern Illinois University-Carbondale; St. Louis Bank for Cooperatives; and University of Illinois.

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TELEPHONE \_\_\_\_\_



# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

For the past several months we have been informing you of a request for an increase in the price of wholesale power from our power supplier, and of an impending retail rate increase.

At their December 15, 1981 meeting your board of directors approved a new retail rate assessment for all rate classifications effective with kilowatt-hour consumption beginning March 15, 1982. Therefore, your first payment under the new rate will be April 15, 1982.

There are various reasons that it is necessary to implement a new rate structure. Wholesale power represents approximately two-thirds of the Cooperative's total cost of providing electric energy to the membership. The average cost of wholesale power to the Cooperative in 1981 was 3.2 cents per kilowatt-hour. It should be noted that this is wholesale cost only.

Increased labor costs, higher interest rates, increasing costs of material, supplies and equipment, and strict environmental standards are just a few of the other reasons why a rate adjustment is necessary. When these operating expenses are added to the cost of purchased power, the average cost of delivering electricity to you was 5.35 cents per kilowatt-hour in 1981.

As previously advised Illinois Power Company has requested a 16 percent increase in the price of wholesale power. We along with several other Illinois electric cooperatives are presently in negotiations on the proposed increase. If IP receives the 16 percent, our average cost of purchased power will be 3.7 cents per kilowatt-hour.

You will note in the winter rate that we increased the lower block of kilowatt-hours (over 1,000 KWH) a greater percentage than the first 1,000 KWH used. We have found that the 3.0 cents per KWH block did not generate adequate revenue to maintain financial stability.

You will receive a new rate schedule shortly after March 31, 1982. The new retail schedule will be based on a wholesale power cost of 3.7 cents per kilowatt-hour. Until the new wholesale power contract is approved, the WPCA should show as a credit on your billing receipt statement. This will be indicated by the letter "C" which

will appear behind the WPCA figure. This credit should be reflected on the billing receipt received on May 15, 1982. If a "C" appears behind the Balance On Account figure, please deduct this amount from your payment.

We have retained the winter-summer rate. Our Cooperative is a summer-peaking system and, as a result, our power supplier under our present contract charges us no less than 75 percent of the highest peak demand set in each substation during the summer months of June through September. For example, on July 15, 1980 we set a peak demand on the Cooperative's system of 16,132 KW. Thereafter, we had to pay for a minimum of 12,100 KW (75 percent of 16,132) each month whether we needed it or not. In May of 1981 the demand on our system was 7,463 KW, or 54 percent less than last summer's system peak. Therefore, we paid \$16,683.00 for demand charges in May in excess of what was actually needed.

We believe the higher summer rates will encourage energy conservation and shifting of peak loads during the hot summer months. Lowering the Cooperative's peak demand can reduce wholesale power cost which will help keep the WPCA at a lower level.

The goal of the new rate assessment is to generate adequate revenue to allow the Cooperative to maintain a sound financial condition, and to insure the membership a continuity of reliable and adequate electric service.

If you have questions, please contact the Cooperative office. Thank you for your cooperation.

## New rate schedule "A"

### FARM AND HOME SERVICE

Facilities Charge . . . . . \$6.50

Energy Charge:

#### Winter Rate (Oct. 15 - May 15)

First 1,000 KWH/MO. . . . . 5.95¢  
Over 1,000 KWH/MO. . . . . 4.25¢

#### Summer Rate (June 15 - Sept. 15)

All KWH . . . . . 5.95¢

An applicable wholesale power cost adjustment plus five percent State Utility Tax will be added to above charges.



Board President Robert Rippelmeyer (right) congratulates Line Foreman Ermin Brinkmann for his 30 years of service to the Cooperative. Brinkmann was awarded a watch and a 30-year service pin at the awards dinner.

## Employees honored at Recognition Dinner

Your Cooperative's Annual Recognition Dinner and Christmas Party for the employees, directors and their husbands and wives was held December 19, 1981 at the Knights of Columbus Hall in Waterloo. A delicious buffet dinner was served.

Board President Robert Rippelmeyer got the evening off to a good start with his comments and stories. President Rippelmeyer expressed appreciation and recognition to your employees and directors for their contribution and service to the Cooperative and the membership. He gave special thanks to the wives and husbands of the employees for the understanding and cooperation throughout the year.

One of the highlights of the evening was special recognition given to Line Foreman Ermin Brinkmann for 30 years of service to the Cooperative. Brinkmann was presented with a watch in appreciation for his dedication and service to the Cooperative.

President Rippelmeyer presented a service pin to Groundman-Truck Driver Steve Candler for 10 years employment. Board Member Preston Mosbacher was honored for being on the board for 20 years. Mosbacher, who did not attend the recognition dinner because of illness, will receive his 20-year service pin later.

We congratulate the above for their contributions to the rural electrification program and a job well done.

**Don't forget!**

**Monroe County Electric  
Co-operative Annual Meeting,  
Monday, March 29,  
Waterloo Jr. High School, 7:30p.m.**

31

# 1982 Southern Illinois

## Farm Materials Handling Show

Nashville, Illinois  
Washington County Fairgrounds  
Highway 127 South

Free  
Admission

Lunch  
on Grounds

March 2 9:00 - 9:00  
March 3 9:00 - 9:00  
March 4 9:00 - 3:00

Co-Sponsored by  
**Monroe County Electric  
Co-operative**

## December power bill

Cost of Purchased Power	\$ 151,292
Number of KWH's Purchased	4,833,828
Cost Per KWH	.03130
Less amount covered by base rate	<u>.028</u>
Difference	.0033
Average line lost factor	<u>X.10</u>
WPCA for KWH used November 15 to December 15, payable with your January 15th electric bill	.00363

**DID YOU KNOW?**

That old stock tank, water reservoirs, etc., coated with Virden Tank Coat, are better than new ones! Fix it and forget it! Let us send you complete information. This is our 31st year. VIRDEN PERMA-BILT CO., 2821 Mays St., P. O. Box 7160IN, Phone: 806/352-2761, Amarillo, TX 79109

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**Protecting a valuable asset**

You've insured your house, your car...but, did you ever stop to think about your most valuable asset? You depend on good health in order to work and bring home your family's income. Your health is an asset also worth protecting.

That's why most Illinois Rural Electric Co-operatives and Telephone Co-operatives participate in Mutual of Omaha Association Group plans.

Besides providing members with important protection, these plans are available at ASSOCIATION GROUP RATES.

**Disability Income Protection** — Can pay you a regular monthly check when a covered accident or illness keeps you from working.

**Hospital Coverage** — Helps you meet today's ever-rising costs of medical care.

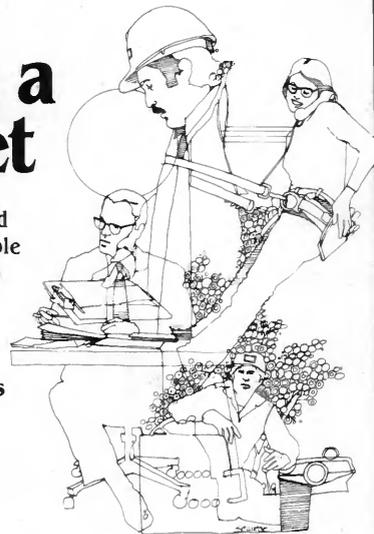
**Cancer Cost Supplement** — Supplies extra coverage to help you afford the expensive cost of cancer treatment.

**Mutual Care** — "Easy-to-read" coverage that works with Medicare to provide security to those 65 and over.

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INCOME  HOSPITAL  LIFE  OVER 65

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ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZIP \_\_\_\_\_

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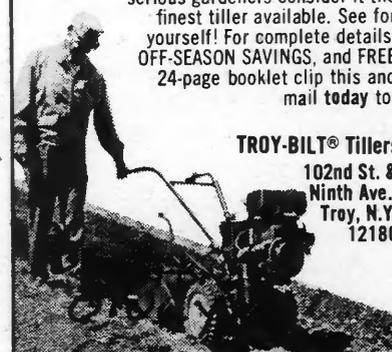
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risk to the Federal Treasury. Since only those farmers who participate in the 10 percent set-aside will be eligible for price supports, grain reserves and target prices, there will be much less risk of having to pay out."

National Farmers Union president George Stone noted that farmers' real income had dropped from 65 percent of parity in January 1980, to 56 percent this January. Stone came down heavily on President Reagan's economic plans, saying, "I'm not sure this country can stand the cure for the disease in as fast and as big of doses as they're giving it."

"The lack of sufficient incentive for farmer participation in the new set-aside program for wheat, feed grains, cotton and rice raises doubts as to whether the program will be effective. The reduced acreage program can only succeed in raising commodity prices if there is massive participation," he said, "and the program confronts grain farmers with some tough choices." Stone suggested that the best thing about the program is that an immediate sign-up is not



Agriculture Director  
Larry Werries

required.

Attorney General Tyrone Fahner addressed the meeting and noted that efforts to stem rural crime have been stepped up since he took office, and promised even more efforts in the future.

Neil Hartigan, Democratic candidate for Attorney General, addressed the problem of elevator bankruptcies, a growing concern for many Illinois farmers.

"It's time to stop talking and start acting to defend farmers from grain losses caused by elevator bankruptcies," he said. He proposed the creation of an Illinois Agricultural Insurance Corporation to protect farmers. It would, he said, be modeled after the Federal Deposit Insurance Corporation, which protects depositors from bank failures.

Also appearing on the program were Grace Mary Stern, Democratic candidate for Lieutenant Governor; Senator Vince DeMuzio; Larry Werries; director, Illinois Department of Agriculture, and Congressman Paul Findley.

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The Progressive Gardening Institute is a fully approved Non-Profit Organization whose goal is to educate, inform, and teach the public on how to raise their own food and preserve it for the future. This special offer, a \$7.49 catalog value, is made to introduce you to our fine organization.

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12 Packets of Vegetable Seed	(1) Beets	(7) Lettuce
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	(3) Cantaloupe	(9) Radish
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	(6) Cucumber	(12) Peas

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Stayman Win.	___	Belle of Ga.	___
APRICOTS	No.	PLUMS	No.
Moorpark	___	Damson	___
Early Golden	___	Burbank	___
PEARS	No.	CHERRIES	No.
Keiffer	___	North Star	___
Bartlett	___	Montmorency	___

#### Progressive Gardening

P.O. Box 500 Dept. 11-4  
Morrison, TN 37357

Please send us at the proper time the dwarf fruit trees, we have selected for only \$3.50 each plus \$2.00 shipping and handling per order.

\_\_\_ Total No. of Dwarf Trees.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_

These trees have become extremely popular in recent years due to smaller residential properties. They require less space and are easier to maintain. Even though the trees are much smaller, they bear full-size fruit just as a standard tree, but not as much. One outstanding feature is they begin to bear fruit when only 2 or 3 years old. Mature height is 8 to 10 feet.



# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## *Across the manager's desk*



Joseph J. Fellin  
Manager

As this is being written, we are in the midst of one of the worst snow storms this area has experienced – worse than most of us have ever seen. More than 20 inches of snow has fallen and more is predicted. The accompanying high winds have caused snow drifts that have immobilized all but those with four-wheel-drive vehicles and those with tire chains. Even then, rural roads that had not been snow plowed were still impassable.

Thankfully, we have not had any major outages. To this point, there has been one underground line outage in the Gilmore Lake Subdivision and several individual outages.

During this type of weather conditions, we ask your indulgence and understanding if during an outage it takes longer than normal to get the power back on. Our linemen have the same problem, as everyone else, with adverse road conditions in getting to the Cooperative. Then, although we have four-wheel-drive vehicles, it can be a problem of getting to the areas where the outage occurs.

Our linemen are a dedicated group of professionals and will do all they can to restore the power as quickly as possible.

While we are discussing power outages, let's review our outage time for 1981. Your Cooperative has always taken pride in the average outage time per member. Historically, our average outage time has been lower than the national average. We feel this reflects on the priority we place on maintenance and system improvement. We could slack off on system maintenance and let the lines deteriorate to where we would lose lines, and poles would break with every little wind and ice storm that came along. Fortunately, our system is able to withstand all but the most severe storms and tornadoes.

During 1981 you, as a Cooperative member, experienced average outage time of 5.85 hours during the year. We grant that many of you were without electricity for longer periods of time. For example, during the severe tornado-like storm in July, some members were without electricity up to 24 hours.

Average outage time is computed by multiplying the duration of the power outage by the number of members affected, then divide that by the total members on the Cooperative system. For example, we had a total of 25,259 outage hours during 1981. We serve 4,319 members, thus 25,259 divided by 4,319 equals 5.85 average outage hours per member.

The severe storm in July accounted for more than 50 percent of our outage time (3.03 hours) and disruption in our power supply from Illinois Power Company amounted to another 2.15 hours. Thus, weather and power supply accounted for 5.2 hours or 89 percent of your Cooperative's average outage time in 1981. The above causes of outages were uncontrollable on our part.

Equipment failure (transformers, circuit reclosers, regulators, etc), transformer overload, trees in line, animals (snakes, squirrels, birds) and miscellaneous accounted for the remaining 11 percent of outages.

We all should be gratified that our Cooperative distribution system is in good condition. We cannot control acts of God, but with a sound maintenance program we can keep member outages to a minimum.

Remember, for outages call 939-7171 day or night, weekends and holidays.

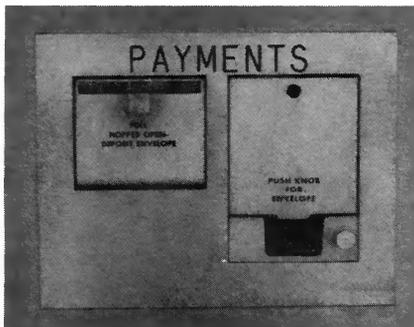
## **When power has been restored**

While we are on the subject of storms and power outages, it is our recommendation that major appliances such as heat pumps, air conditioners, electric ranges, televisions, refrigerators and freezers be turned off when the electricity is interrupted and an outage occurs.

When power is restored, turn your major appliances on gradually, one at a time a few minutes apart. This will relieve a great deal of the burden on your Cooperative's equipment trying to pick up the load and may keep the power from going off again.

If there is a prolonged outage during the winter and you have a heat pump, leave it turned off for two or three hours. Use your unit's emergency or auxillary heat during this time. This will give the crankcase heater time to function and will prevent damage to the compressor. Remember to slip the auxiliary switch back to the off position after the three hours are up. This will get your system back into automatic operation.

# After-hour depository



The after-hour depository is located at the front entrance of your Cooperative office building. It is placed there for the convenience of members who choose not to mail their electric payments and for those members unable to come in during normal office hours, 8 a.m. to 5 p.m. Monday through Friday.

Some members have been experiencing problems in using this convenient service. Listed are recommendations and suggestions in making use of the after hour depository.

We recommend:

1. That you pay by check or money order – not cash.
2. That the billing stub and payment is secured in a sealed envelope – not dropped separately in the depository.
3. Do not place oversized or thick envelopes in the depository slot – they may block passage to the storage area.
4. Place envelope with payment in slot on left hand side of depository where it reads “Pull hopper open – deposit envelope.”
5. The right hand side of the depository contains empty envelopes for your convenience. Do not attempt to place your payment envelope in this slot. The next person may pull it out and discard or keep it if it contains cash. In either event, the Cooperative will not have received your payment.

The above suggestions, if followed, will help assure that we receive your remittance and that proper credit is applied to your account.

We are here to serve you. If you have problems or complaints concerning the Cooperative, please contact us.

We are here to serve you. If you have problems or complaints concerning the Cooperative, please contact us.

# Your water heater



Conserving the nation's energy begins with you, right in your own home. Look around at the many electrical appliances that surround you. There are ways to use them more efficiently even while you enjoy their many time-saving advantages and conveniences.

An appliance you may not think of, however – because it is usually hidden away in a closet or a dark area of your basement – is your water heater. Your electric water heater is one of the biggest “energy hogs” in your house. By decreasing the demand for hot water you are saving both energy and dollars.

- Run dishwasher only when you have a full load. A half load uses just as much electricity and hot water, but accomplishes less.
- Operate your automatic dishwasher in the late evening when power loads are less.
- Rinse dishes in the sink prior to putting them in the dishwasher, and use a shorter cycle on the dishwasher to decrease hot water use.
- Fix all leaky faucets. One drop per second can add up to as much as four gallons of water a day. One leaky faucet can waste anywhere from 2,500 to 5,000 gallons of water a year. In

rural areas you may have your own well, so this may or may not be as important a factor. . .but if it is a hot water faucet that is leaking, you are wasting the energy that heats the water.

- Whenever you save water in cooking, dishwashing, bathing or washing, you save pumping energy. Use hot water conservatively and at lowest practical temperature.

- Letting the water run while rinsing dishes by hand wastes hot water needlessly. In hand dishwashing, either fill one sink basin with hot water to dip the dishes in, then dry on a rack. . .or rack the dishes and spray them at one time.

- There are “water heater jackets” available which serve as insulation around your water heater to prevent heat from escaping. Contact your rural electric Cooperative for information on the purchase of a low-cost, energy-saving jacket.

- Some companies manufacture shower heads that retard the flow of water and thus save energy. Reducing the length of time you shower, as well as the water temperature, we also conserve. A shower is usually more energy-efficient than a tub bath, since less hot water is used.

- Lower temperature of water by adjusting the thermostat on your water heater to 120 degrees (130 degrees if you have a dishwasher). To do this, turn electricity off, remove cover plates, part the insulation, turn thermostat controls down, put insulation back, replace cover plates and turn electricity back on.

Don't ignore your water heater! By applying these conservation tips and getting the whole family in on the act, you should be able to make a dent in your energy bill, instead of your billfold.

<b>January power bill</b>	Cost of Purchased Power	\$197,093
	Number of KWH's Purchased	6,678,000
	Cost Per KWH	.02951
	Less Amount Covered by Base Rate	.028
	Difference	.00151
	Average Line Loss Factor	X .10
	WPCA for KWH used December 15 to January 15 payable with your February 15th bill	.00166

# Nutritious and economical

## CHICKEN GUMBO

- |   |                                |
|---|--------------------------------|
| 1 broiler fryer (about 2½ lb.), cut up  | ¾ cup chopped green pepper     |
| ¼ lb. smoked ham, diced                 | 1 tablespoon minced parsley    |
| 2 tablespoons butter or margarine       | 1 tablespoon salt              |
| 1 can (14½ to 16 oz.) tomatoes (2 cups) | ¼ teaspoon ground black pepper |
| 1½ qts. water                           | 1 small bay leaf               |
| 1 lb. okra, sliced                      | 1 tablespoon gumbo file powder |
| 1 cup sliced onions                     | 4 cups hot cooked rice         |

Cook chicken and ham in melted butter until light brown. Add tomatoes, water, okra, onions, green pepper, parsley, salt, pepper and bay leaf. Heat to boiling. Reduce heat, cover and simmer 30 to 40 minutes, or until chicken is tender. Remove chicken from bones, but leave in large pieces. Return meat to soup. Discard bay leaf. Just before serving, sprinkle gumbo file powder lightly over soup, stirring constantly. Heap hot rice in individual soup bowls. Ladle chicken gumbo over rice. Makes 8 servings.

## GROUND BEEF AND NOODLE CASSEROLE

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 1 large pkg. noodles, small size | Salt and pepper to taste          |
| 2 lbs. ground beef               | 1 can whole-kernel corn (drained) |
| 1½ bell peppers chopped fine     | 1 can tomato soup                 |
| 2 cloves garlic minced           | 1 can water                       |
| 2 tablespoons chili powder       | 1 can Rotel tomatoes              |
| 1 teaspoon cumin                 | 1½ lbs. cheese (grated)           |

Cook beef and drain. Add onion, pepper, garlic and cook until soft. Add chili powder, cumin, salt and pepper. Cook noodles and drain. Put one-half the noodles in casserole and top with meat, corn, half of the cheese, and the remaining noodles. Mix tomato soup with water and pour over top. Add Rotel and sprinkle with rest of the cheese. Bake at 350 degrees for 1 hour and 30 minutes. This makes a large amount and can be frozen. Also, this is good served with carrot salad.

## SPANISH CHICKEN AND NOODLES

- |                        |                             |
|------------------------|-----------------------------|
| 1 large fryer          | 2 shredded carrots          |
| 1 medium chopped onion | 1 pkg. noodles (small)      |
| 1 chopped bell pepper  | 1 can cream of chicken soup |
| ¼ stalk celery         |                             |

Simmer fryer until tender. Remove meat and chop. Cook onion, bell pepper, celery and carrots in broth until tender. Add noodles and cream of chicken soup. Cook about 15 minutes until noodles are tender.

## SAVORY MEATBALL-SAUERKRAUT SKILLET

- |   |  |
|---|--|
| 1 lb. ground beef                                 | 1 (1-lb. 11-oz.) can sauerkraut, drained |
| 3 cups soft bread crumbs (3 to 4 slices of bread) | ½ cup chopped onion                      |
| ¼ cup milk  | ¾ cup long-grain rice                    |
| 1 egg   | 1½ cups water                            |
| 2 tablespoons shortening                          | 1 1-lb. can (2 cups) tomatoes, cut up    |

Combine ground beef, bread crumbs, milk, egg, ¾ teaspoon salt, and a dash of pepper. Mix well. Shape into 12 meatballs. Brown in shortening in large skillet, combine sauerkraut, onion, and ½ teaspoon salt. Stir in rice and water. Add meatballs and tomatoes. Bring to boiling; reduce heat and simmer, covered for 30 to 35 minutes. Makes 6 servings.

## PIMIENTO-CREAMED CORN

In medium saucepan or skillet, combine one 3-oz. pkg. pimiento cream cheese, softened, ¼ cup milk, 1 tablespoon butter or margarine, and ½ teaspoon onion salt. Cook and stir over low heat until cream cheese melts. Stir in 2 cups cooked corn from cob (3 to 4 med. ears) or one 1 lb. can corn, drained. Cook until corn is heated through. Makes 4 to 6 servings.

## BEAN AND SQUASH SOUP

- |   |                      |
|---|----------------------|
| 1 lb. (2½ cups) dry navy beans                          | 1 cup chopped onion  |
| 8 cups water  | 1 cup chopped celery |
| 2 lbs. winter squash, pared, seeded, and cubed (4 cups) | 1½ teaspoons salt    |
| 1 meaty ham bone (about 1 lb.)                          | ¼ teaspoon pepper    |

In 5-quart Dutch oven, combine beans and water. Bring to boil, reduce heat, and simmer 2 minutes. Remove from heat. Cover and let stand 1 hour, (or soak beans in water overnight.) Do not drain. Add half the squash, ham bone, onion, celery, salt and pepper. Bring to boil; cover and simmer 1½ hours. Remove ham bone; cool slightly. Partially mash beans with potato masher. Cut meat from bone and dice; return meat to Dutch oven along with remaining squash. Simmer, covered, 20 minutes more. Season to taste. Makes 8 to 10 servings.

## RICE CASSEROLE

- |                                      |  |
|--------------------------------------|--|
| 1 cup raw rice                       | 1 tablespoon dehydrated bell pepper flakes |
| 1 cup beef consommé                  | Butter                                     |
| 1 tablespoon dehydrated onion flakes |  |

Spray Pam in casserole dish. Mix all ingredients in bowl. Add about ¼ can water and lots of butter. This can be covered and cooked in microwave about 15 minutes. Stir at about 10 minutes.



## DILLY CASSEROLE BREAD

- |                                   |                        |
|-----------------------------------|------------------------|
| 1 pkg. yeast                      | 2 teaspoons dill seed  |
| ¼ cup warm water                  | 1 teaspoon salt        |
| 1 cup creamed cottage cheese      | ½ teaspoon baking soda |
| 2 tablespoons sugar               | 1 egg                  |
| 1 tablespoon instant minced onion | 2½ cups flour          |
| 1 tablespoon melted butter        |                        |

Dissolve yeast in warm water. Heat cottage cheese to lukewarm. Add all remaining ingredients except flour. Mix well and add to the yeast. Add flour and mix well to form stiff dough. Cover and let rise until double in size. Stir down and turn into well greased 2½-quart casserole dish. Let rise 40 minutes or until light. Bake at 350 degrees for 40-45 minutes. Brush with butter and sprinkle with salt.

## TRULY'S CUPCAKE BROWNIES

- |                      |                              |
|----------------------|------------------------------|
| 1½ cups sugar        | 4 sqs. semi-sweet chocolates |
| 1 cup flour          | 1 cup chopped pecans         |
| 4 eggs               | 1 tablespoon vanilla         |
| 1 cup butter or oleo |                              |

Mix sugar, flour and eggs. Do Not Beat. Melt butter and chocolate. Add nuts. Combine mixture and add vanilla. Put about half full into cupcake liners. Bake at 325 degrees for 30 minutes.

## MAGIC MARSHMALLOW CRESCENT PUFF

- |                               |                                |
|-------------------------------|--------------------------------|
| ¼ cup sugar                   | 16 large marshmallows          |
| 4 tablespoons cinnamon        | ½ cup chopped nuts, if desired |
| 2 cans (8 oz.) crescent rolls |                                |

Combine sugar and cinnamon. Separate two cans crescent dough into 16 triangles. Dip marshmallow in melted butter, then in sugar and cinnamon mixture. Place marshmallow in wide end of triangle. Fold corners over marshmallow and roll toward point. Squeeze edge of dough to seal. Dip point side in butter and place buttered side down in muffin tin. Bake at 375 degrees for 10-15 minutes.

## ICING:

- |                         |                    |
|-------------------------|--------------------|
| ½ cup powdered sugar    | ½ teaspoon vanilla |
| 2 or 3 tablespoons milk |                    |

Mix together. Drizzle over hot puffs.

## GINGERBREAD

- |                    |                     |
|--------------------|---------------------|
| ½ cup sugar        | 1 teaspoon soda     |
| ½ cup butter       | 1 teaspoon ginger   |
| 2 eggs             | 1 teaspoon allspice |
| ½ cup molasses     | ½ cup buttermilk    |
| 1½ cups cake flour | 1 teaspoon cinnamon |

Cream butter and sugar; add eggs and beat well. Add molasses. Sift flour, soda and spices together; fold in flour mixture alternately with buttermilk. Bake in greased rectangular pan for 25-30 minutes at 350 degrees. Top with following:

## TOPPING FOR GINGERBREAD

- |                      |                      |
|----------------------|----------------------|
| ½ cup brown sugar    | ½ cup soft butter    |
| 2 teaspoons cinnamon | 1 cup chopped pecans |
| ¼ cup flour          |                      |

Combine all ingredients with a fork until crumbly. Spread over gingerbread for last 10 minutes of baking.

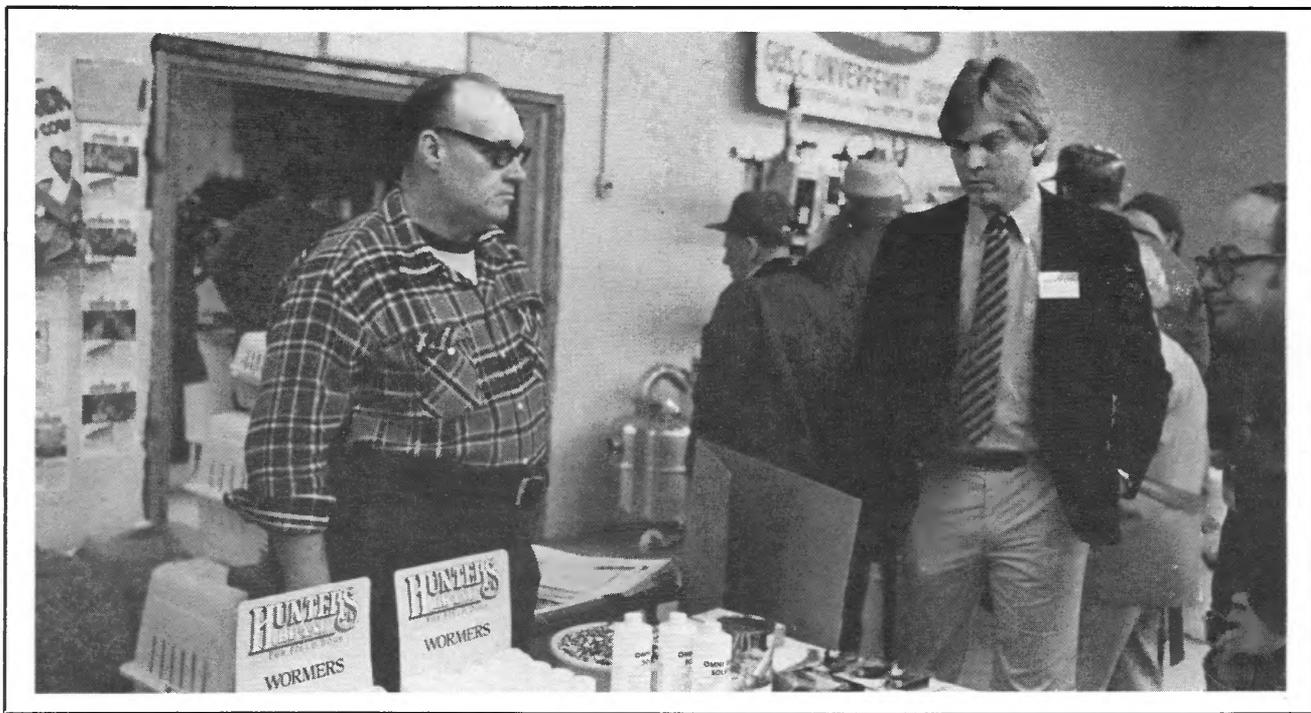
## BUTTERNUT SQUASH BREAD

- |                          |                         |
|--------------------------|-------------------------|
| 3 cups sugar             | 1 teaspoon cloves       |
| 1 cup salad oil          | 1 teaspoon cinnamon     |
| 3 eggs                   | 1 teaspoon nutmeg       |
| 3 cups flour             | 1 teaspoon baking soda  |
| ½ teaspoon salt          | 2 cups butternut squash |
| ½ teaspoon baking powder |                         |

Blend sugar and salad oil. Beat in eggs. Sift together dry ingredients. Stir into creamed mixture the squash. Blend in sifted dry ingredients. Line bottoms of 2 medium loaf pans with waxed paper. Bake at 350 degrees for 45 minutes to 1 hour.

## GRAHAM DELIGHTS

- |                           |                       |
|---------------------------|-----------------------|
| 4 tablespoons cocoa       | ½ teaspoon vanilla    |
| ½ cup confectioners sugar | ½ pint whipping cream |
- Add a little water to make a thick paste with first 3 ingredients. Add the whipping cream and beat until thick. Frost between and on top and sides of stacks of graham crackers. Refrigerate for at least six hours before eating.



Two of the estimated 7,000 who attended the show are pictured above. Exhibits ranged from animal health care products to large tractors.

## Good weather boosts farm show attendance

The weather was fair, the ground was dry and the sun peeked occasionally from behind the thin cloud layer. In short, the weather cooperated with efforts to make the 23rd Annual Farm Materials Handling Show a success. The show, held March 2-4 at the Washington County Fairgrounds in Nashville, enjoyed better-than-average weather. So did those attending.

The turnout was fairly good, notes Willard P. Wiggers, general show chairman and director of member services for Monroe County Electric Co-Operative. Wiggers says the good attendance was, along with the weather, only part of the good news. "I heard several exhibitors say that the people, at the show this year were really in a buying mood," he says, "and we estimate that about 7,000 people turned out to see the variety of items that filled the 120 indoor exhibit spaces. That's 15 percent more spaces than we had last year. There were also several outdoor spaces for heavy equipment.

"One noticeable difference this year," Wiggers says, "was that there weren't any solar displays, and there were fewer wood stove exhibits, too. They seemed to be replaced by TV

satellite dish antennas. There were two of them here this year, and they were a 'first' for this show."

Even as the numbers for this year's show are being tallied, plans are being made to make it bigger and better next year. The show's planning committee is working with the Washington

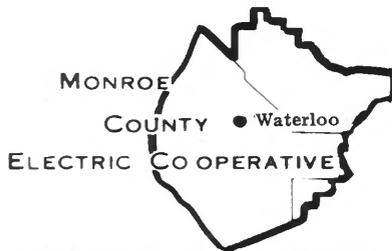


A farmer watches a product demonstration.

County Fair Board — from which the committee leases show space — seeking additional indoor space, especially with high overhead clearance to accommodate large exhibits.

The Washington County Vocational Workshop again served meals during the event, and sold some 375 full meals, plus many sandwiches and side orders. Those attending the event also drank 65 gallons of coffee and 13 gallons of milk. The Workshop also sold 600 doughnuts and 30 pies.

Sponsors of the show include the Illinois Farm Electrification Council, Cooperative Extension Service, University of Illinois, Southern Illinois University-Carbondale College of Agriculture and the electric suppliers in the region, Illinois Power Company and nine electric cooperatives: Clay Electric Cooperative Association, Clinton County Electric Cooperative, Egyptian Electric Cooperative Association, Monroe County Electric Co-Operative, Southeastern Illinois Electric Cooperative, Southern Illinois Electric Cooperative, Southwestern Electric Cooperative, Tri-County Electric Cooperative and Wayne-White Counties Electric Cooperative. The Nashville Chamber of Commerce assists with local arrangements.



# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

By the time you receive this issue of the *Illinois Rural Electric News (IREN)* you will have made your first payment under the new rate structure. We know that many of you will grumble to yourself, make your payment and not complain to the Cooperative. Others will call the Cooperative in protest to the new rates. We appreciate those of you who understand and don't make formal complaints. We also appreciate the opportunity to discuss the new rate schedule with those members who do call in. We attempted to give reasons and forewarn you of the impending rate increase in our articles in the Manager's Column of the *IREN* and our newsletter, the *Monroe Co-op Echoes*.

Briefly, we will again explain the reasons for implementing a new rate increase. Illinois Power Company is requesting a 16-percent increase in wholesale power. During 1981 our average wholesale cost per kilowatt-hour purchased was 3.21 cents. Assuming that the 16-percent increase is approved, it will make our wholesale cost per kilowatt-hour 3.724 cents. The old retail rates was established on a base cost of power at 2.8 cents, which resulted in an average WPCA of 4.8 mills, (nearly 1/2 cent per kilowatt-hour) being added to the old rate each month during 1981.

The new rate will have a base of 3.7 cents for wholesale power. Thus using an average cost of 3.724 cents (3.21 cents X 16 percent = 3.724 cents), our WPCA should be minimal. We anticipate a credit WPCA for the first several months under the new rate schedule.

In addition to higher power costs, labor costs, interest rates, cost of materials and supplies, and equipment have all increased with inflation, driving the cost of providing electric service upward. Governmental regulation and strict environmental standards along with increasing energy costs (primarily oil and coal) are a few reasons for spiraling generation and wholesale power costs.

### WE NEED TO KNOW

With the advent of Spring, many Cooperative members will be remodeling their homes and upgrading their electric service. If you plan to add any major electric appliances

such as an air conditioner, electric range, electric clothes dryer, etc., please notify the Cooperative office. We will be pleased to offer you advice in planning your wiring needs. Also if you plan any change in your farming operation, new grain dryer, farrowing house or any other new farm operation please call us. It is important that we know of new loads being added to the system. We may have to increase the service to your home or farm to carry the increased loads. Thank you for your cooperation.

**ARE YOU AWARE?**  
that electric lines along roads and through fields are BARE!

Many, many people take for granted that all electric wires are insulated. This idea may come from the fact that electric wires such as extension cords or service drops to houses are covered because they can be touched easily. Their lower voltages also make it economically practical for them to be coated. On the other hand, higher voltage wires out of normal reach are seldom insulated with a covering.

The higher voltage lines along your road and across country are installed in accordance with National Safety Codes set out for utilities. The wires are located at specified heights and distances to take full advantage of nature's insulators, air and space.

ground rod

# Power Outage

Your Cooperative was advised by Illinois Power Company that they would have the power to our Smithton Substation cut off to perform maintenance on their transmission line feeding the substation. We were advised that the electricity would be off at 8:30 a.m. on March 9 for approximately 30 minutes and for about two hours beginning at 8:30 a.m. on March 10.

In our effort to inform the members in the Smithton area affected by the outage, we made telephone calls to as many members as we could reach. A news item was placed in March 8 Belleville News Democrat and spot radio and public service announcements were made on WIBV Radio. These efforts, we feel, were effective, as we received very few calls when the power was off on March 9.

The perplexing circumstance, about the planned outage and our efforts to let the members know about it, was: The power on the transmission line serving the Smithton Substation was off for 1 1/2 hours on March 9. We continued to advertise that the power would be off for two hours the next morning, March 10. We sent a lineman to the Smithton Substation at 8:30 a.m. on the 10th, however as of 9:30 a.m. no one from Illinois Power had shown up. When our office called the I.P. dispatcher, we were told that the maintenance work had been completed on the 9th, but they had failed to inform us.

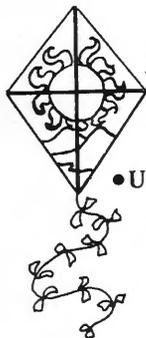
We are pleased that the power was not off on the second day. However good our intentions were, we apologize for the mix-up in communication with our power supplier and any inconvenience you may have experienced.

# Power Diversion Workshop



Cooperative Manager Joe Fellin (second from left) and employees (left to right) Willard Wiggers, Wylie Jones, Daryl Donjon and Ronald Schultheis recently attended a Power Diversion Workshop at the Association of Illinois Electric Cooperatives in Springfield. The course was designed to make Cooperative employees aware of power diversion and meter tampering techniques, and to set up policies and procedures to deal with fraudulent theft and use of electricity from the Cooperative.

## Go Fly a Kite--- Safely



### Keys to carefree kite flying:

- Fly kites in the open-- Far away from electric wires.
- Use dry kite string with no metal in it.
- If a kite does become caught in electric wires, don't climb a tree or pole to try and free it; let it go.
- Look left and right before crossing streets when kite flying.

# All members pay

As you know, your electric bill is determined by the usage recorded on your electric meter.

Electric watt-hour meters are extremely reliable instruments, when

they are free from deliberate tampering. From time to time your Cooperative finds meters that have been tampered with, which indicates that electricity was being used without it being metered. Your Cooperative's rates must be set to cover the cost of all electricity used on the system, whether it is metered or not. This places an additional burden on all members because the purchase cost of unmetered kilowatt-hours must be shared by all members.

You, as a member, can help your Cooperative, and yourself, by reducing

losses from unmetered electricity. If you or your electrician find it necessary in the course of making wiring changes, to cut or remove a meter seal, call the Cooperative office. We will note the removed seal and have it resealed at a convenient opportunity.

Also, if you find a meter vandalized, shot or damaged in some manner, call the office and the problem will be taken care of. If you have a meter that is repeatedly vandalized, we will ask your help in preventing a recurrence.

## February power bill

Cost of Purchased Power	\$ 224,956
Number of KWH's Purchased	7,279,200
Cost Power KWH	.03090
Less Amount covered by base rate	.028
Difference	.0029
<hr/>	
Average Line loss factor	X .10
<hr/>	
WPCA for KWH used January 15 to February 15 payable with your March 15 bill	.00319

# Would You Like A Norman Rockwell Collector's Edition Plate For \$4?

As part of an advertising program commissioned by International Collection Finders, we will send a Norman Rockwell Collector's Edition Plate to any reader of this publication who responds to this notice by midnight May 15, for the sum of \$4 plus \$1 shipping and handling. There is no further financial obligation. These plates feature Norman Rockwell's famed family's four seasons scenes in glowing colors on a background of highest quality pure white porcelain. Each 6½" plate is highlighted with 22-karat gold trim. Please indicate choice of design from: Spring's Young Love, Summer Carnival, Fall School Days or Winter Morning when you make your request. Or, you may purchase the complete edition of all four for a special price of \$13 plus \$1 shipping and handling. You save \$6 over the individual price. There will be a strict limit of two sets (or 8 collector

edition plates) per address, at a cost of only \$25 postage paid. That's a savings of \$15 over the individual price. These collector's plates make a beautiful display and make valued gifts. This program is being conducted simultaneously in other publications. If you see it in more than one, please let us know as this information is important to us. Should you wish to return your Norman Rockwell plates, refunds will be promptly made. No requests will be accepted past midnight May 15. Any checks postmarked later will be returned uncashed. We will also accept credit card orders. Just give us the name of the card, account number and expiration date. Or, send appropriate sum together with your name and address to: **International Collection Finders, Dept. #NPL-4032, 390 Pike Road, Huntingdon Valley, Pennsylvania 19006.**

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## JUST ONE HAND!

A completely NEW concept in gardening machines! The amazing 2-in-1 TROY-BILT® Roto Tiller is not only a wonderfully better roto tiller, it's also a wonderful compost shredder-chopper! It turns your whole garden, however large or small, into a fabulously fertile "compost pile"! So easy to handle, even for ladies and older folks. You guide it with JUST ONE HAND! For complete details, prices, "OFF-SEASON" SAVINGS, send coupon below for free booklet. TROY-BILT® Roto Tiller-Power Composters, 102nd St. & 9th Ave., Troy, New York 12180 © 1982 Garden Way

TROY-BILT® Roto Tiller-PowerComposters  
Dept. A1231  
102nd St. & 9th Ave., Troy, N.Y. 12180

Please send the whole wonderful story of TROY-BILT® Roto Tillers including prices and "OFF-SEASON" SAVINGS now in effect for a limited time.

(Please Print Clearly)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

## PATIO OR DWARF FRUIT TREE SALE

AN UNBELIEVABLE

**\$3<sup>50</sup>** OFFER



These trees have become extremely popular in recent years due to smaller residential properties. They require less space and are easier to maintain. Even though the trees are much smaller, they bear full-size fruit just as a standard tree, but not as much. One outstanding feature is they begin to bear fruit when only 2 or 3 years old. Mature height is 8 to 10 feet.

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	(3) Cantaloupe	(9) Radish
	(4) Carrots	(10) Spinach
	(5) Cabbage	(11) Tomato
	(6) Cucumber	(12) Peas

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Dwarf Fruit  
Trees Shipped  
at  
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Yellow Del.	___	J. H. Hale	___
Stayman Win.	___	Belle of Ga.	___
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Moorpark	___	Damson	___
Early Golden	___	Burbank	___
PEARS	No.	CHERRIES	No.
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Please send us at the proper time the dwarf fruit trees, we have selected for only \$3.50 each plus \$2.00 shipping and handling per order.

\_\_\_ Total No. of Dwarf Trees.

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City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

ILLINOIS RURAL ELECTRIC NEWS

# End the Pain and Misery of Tired Aching Feet

Roger C. Lentz, seated right, has been reelected president of the board of directors of Southern Illinois Power Co-operative. Archie Hamilton, seated center, was reelected vice president, and Guy Casper, Jr., seated left, was elected secretary-treasurer. Standing are, from left, SIPC General Manager James R. Chapman and Charles D. Winter, attorney.

our economic situation we are able to provide sound maintenance and capital improvements which will provide members with a reliable source of energy," he added.

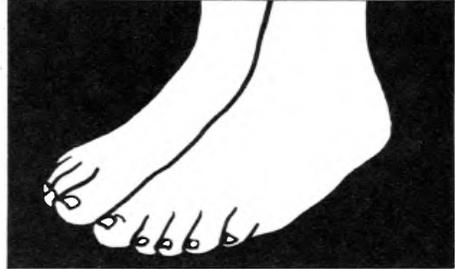
During the meeting, four representatives of each of the three member-cooperatives were elected to the board of directors. They are: Bill Cadle of Marion, Guy Casper, Jr. of Belknap, Harold I. Dycus of Carbondale, Archie Hamilton of Ava, James D. Holloway of Steeleville, Roger C. Lentz of Eldorado, Timothy W. Reeves of Dongola, Dale A. Smith of Cutler, Orrie V. Spivey of Elizabethtown, Milo F. Thurston of Pulaski, Robert Tiberend of Benton, and Robert Ury of Jonesboro.

Following the members' meeting, the board met in a reorganizational session and reelected Lentz as president and Hamilton as vice president. Casper was elected secretary-treasurer.

The three distribution cooperatives which make up SIPC are Egyptian Electric Cooperative Association, Steeleville; Southeastern Illinois Electric Cooperative, Inc., Eldorado; and Southern Illinois Electric Cooperative, Dongola. The three serve approximately 37,000 meters in a 19-county area.

May 1982

No matter how long you've suffered — be it three months, or 30 years. No matter what your problems are—corns, calluses, pain in the balls of your feet, burning nerve endings, painful ankles, old injuries, backaches, or just plain sore aching feet.



When you slip a pair of Feathersprings® into your shoes your pain will vanish almost instantly. You'll be able to stand, walk, dance, even run in miraculous total comfort!

## What are Feathersprings?

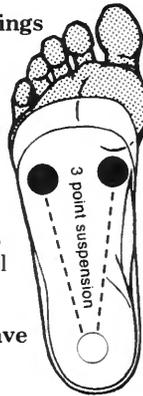
Well, they're a revolutionary foot support unlike anything you've ever seen before. Each pair is custom hand-formed and made for your feet alone.

## How do Feathersprings work?

Unlike conventional, mass-produced devices, they actually imitate the youthful, elastic support Nature intends your feet to have.

## What do Feathersprings look like?

They're all but invisible. Men and women can even wear them with open-backed sandals. And because you can change them from one pair of shoes to another, one pair is all you'll ever need.

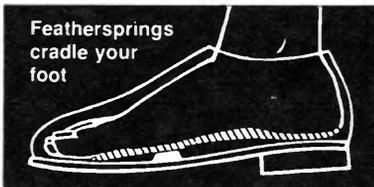


## How many people have Feathersprings actually helped?

As of today, over 2,250,000 people of all ages with all types of foot, leg and back problems, are enjoying blessed relief they never thought possible.

## How do I know Feathersprings will help me?

We are so certain that Featherspring Foot Supports will bring you relief



with every step you take, that if they don't work for you . . . we'll refund your money in full with no questions asked.

Don't needlessly suffer pain and discomfort for another day. If your feet are killing you, Feathersprings will bring you relief. Write us for more detailed information. There is no obligation. No salesman will call. Just fill out and mail this coupon.

Remember, you have nothing to lose but your pain.

## What people have to say about Feathersprings . . .

"Received my wife's Feathersprings two days ago. They are super—neither of us can believe the results. She has had terrible feet for years; already no pain. Incidentally, her sore knee is better . . . As a retired physician, this result is amazing."



Dr. C.O.C.,  
Tucson, Arizona

"I was extremely skeptical when I placed my order, and was expecting to be disappointed. Much to my surprise, I found almost immediate relief from knee and leg pains and corns on my right foot which were a source of continuing pain and irritation have ceased to trouble me."



J.C.J. Meridian, Miss.

"At the present time I still wear the Feathersprings and indeed they perform well after seven years of use."

G.M.G., Dallas, Texas

\*Posed by professional models

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When in Seattle visit the Featherspring Building.



# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

The 44th Annual Members' Meeting is now history. On behalf of the board of directors and management, we express our appreciation to those of you who attended the meeting. There is always a certain amount of anxiety experienced by the management and staff before each annual meeting. Did we forget any last minute arrangements? Will there be a quorum present? Will the entertainment or speaker show up? So, it is a relief that another successful annual meeting is over, and it's time to start plans for next year's meeting.

A few months ago, we covered how and why your Cooperative was formed — to provide electric service to the rural areas where investor-owned utilities would not extend their lines because they felt it would take too much investment and produce too little return.

Our job will never be finished. There are many people around who remember the days when there was no electricity in rural areas. It wasn't that long ago. Just when there seemed to be no chance of ever getting electric power, people started hearing about the Rural Electrification Administration (REA). People went from farm to farm signing their neighbors up.

The rural electrification program had its enemies. We've been successful because the people who believed in it joined together to fight when the chips were down.

Today, the enemies are bolder. They think you and your neighbors aren't worried about your power supply anymore.

An electric system cannot be built and forgotten. It's a living thing that has to grow and expand. Original distribution lines were built to carry expected loads. As people start using more and more power and the number of new homes on the lines increase, the lines must be heaved up. New power sources must be found.

If the system doesn't grow it withers and dies because it no longer meets the needs of its members. If system improvements aren't made and lines heaved up, then motors won't run properly, TV screens flicker and electric ranges fail to heat.

It takes money to rebuild lines and keep an electric

system up to date — more money than it took to build the lines in the first place. And, it takes huge amounts of power to supply the demands of rural people. Where will all this money come from?

That's the vital question in rural electrification today. Rural electric systems must have ample loan funds at reasonable interest rates. With the attitude of the present administration toward REA loan funds, our job is not finished. We must fight to maintain our money supply and wholesale power supply at rates our members can afford to pay.

Robert D. Partridge, executive vice president of the National Rural Electric Cooperative Association (NRECA), declared the Reagan Administration proposals to cut REA insured and guaranteed loan programs would have a devastating impact on rural electric systems and their consumers. If these proposals are accepted, many rural electric systems could find themselves deprived of access to the money market.

So, our job is not over. We still need to join together and fight for our Cooperative and in what we believe. There is still the need for rural electric cooperatives in rural America. We cannot let this need be jeopardized by a reduction in REA loan funds. We and other electric cooperatives in our nation pledge our efforts to keep our cooperatives intact.

If you have a feeling in this matter, write your Congressmen and Senators telling them your thoughts on the REA loan program.

## Watch for credit WPCA

For the next several months, beginning with your May electric bill, you should have a credit WPCA amount. If there are no other outstanding balances due, a "C" will appear behind the figure in the "Balance on Account" box.

If this is the case, be sure to subtract the credit from your electric payment. Your cooperation will be appreciated and will help keep errors to a minimum.

## March power bill

Cost of Purchased Power	\$174,178
Number of kWh's Purchased	5,146,800
Cost per kWh	.0338
Less Amount Covered by Base Rate	.028
Difference	.0058
Average Line Loss Factor	x .10
WPCA for kWh used February 15 to March 15 payable with your April 15 bill	.00640

ILLINOIS RURAL ELECTRIC NEWS



# It takes work to cure a recession

**Derry Brownfield**

*Editor's Note: We received many favorable comments on our Annual Meeting Speaker, Derry Brownfield, a leading farm broadcaster from Missouri. The following article concerns his thoughts on the nation's economy and productivity as reflected in his Annual Meeting presentation.*

Our nation is in a recession. The president said so in his State of the Union message, so it's official.

This isn't the first recession I can remember. We have had a few in the past and some of them have been dandies.

I'm not sure what it takes to make a good recession. The experts say it involves the consumer price index and the number of economic indicators that have lost value over a period of time. I prefer a more practical definition. If your friends and neighbors lose their jobs, it's a recession. If you lose your job, it's a depression. We don't have a *panic* until your wife loses her job.

Grandpa can remember the biggest panic of them all. Herbert Hoover was president. America had just won World War I and Henry Ford was selling Model A's like hot cakes. The New York Stock Exchange had soared to new heights on borrowed money.

The Federal Reserve Board was told to slow down the economy. Up went interest rates and money became scarce. As investors needed financing to back a sagging stock market, the nation actually ran out of cash. The result was the crash of 1929. Banks were broke, farms were foreclosed, Wall Street was bankrupt and unemployment reached record highs. That was panic!

But the crash of '29 didn't affect my family. We went broke in '28. Farmers took their losses early and were pretty well washed up before the rest of the nation even knew an economic disaster was about to occur.

Times have changed a lot since 1929, but the situation has really stayed the same. It's impossible to understand what is happening in the 1980s if we don't understand what happened 50 years ago.

We are now going through many of the economic woes that our parents and grandparents witnessed back in the "good old days." The nation's farmers are either refinancing or selling out. They owe more than \$182 billion, and more than \$100 billion of that has been borrowed within the last seven years. As I travel around the Midwest speaking to farmers and businessmen, I am appalled that foreclosures are being discussed again.

Our economy has been on the pathway to destruction for several decades. The minimum wage law helped start the slide. Until the early '30s our nation functioned on the belief that if you worked you got paid — the better job you did the more you received and if you didn't work at all you went hungry.

Once minimum wage went into effect, workers found that they could take home just as much pay by leaning on a shovel as they could by digging. Today you hear it said, "A dollar doesn't go as far as it once did." Today a worker won't go as far for a dollar as he once did.

Each time the minimum wage increased, more jobs became available and more people moved into new homes, more cars were purchased and folks said "Times are getting better."

Times continued to get better. It cost three cents to mail a letter. Iowa farmers stopped heating their homes with corn that had been too cheap to sell and Missouri farmers were no longer drowning little pigs. We were on our way to the "good life."

Wages increased almost annually for the next 40 years. At the same time the quality of the product being produced seemed to be decreasing.

But as we earned more for working less, other nations began to move into our markets. Workers overseas didn't care about 40-hour work weeks, coffee breaks and paid vacation. Only the very best workers in foreign factories received fringe benefits so they had the incentive to produce.

America was doing just the opposite. We were paying our inefficient and taxing our incentive. When America was showing her economic strength by winning wars, settling a wilderness, producing more iron and steel, more automobiles and oil than any other nation, American workers spent 10-hour days working six days a week.

Today the typical American comes home wearing his British-made sweater, driving his German-built car. His tires came from Malaysia and his gasoline from the Mideast. He stops at an Italian restaurant and orders Polish ham, tops it off with Russian Caviar and washes it down with French wine. When he arrives home, he kicks off his Italian-made shoes and lights up a Turkish cigar with a lighter made in Hong Kong. He listens to his stereo made in Taiwan while he looks at pictures taken with his Japanese camera while on his European vacation and says, "America is a great nation — we have the good life."

This happened slowly. It took us years to reach the top of the economic ladder — then we began taking all this for granted. For decades we told ourselves times were getting better. Then we finally realized, "This is inflation and it's got to stop."

America has always been strong; there is no reason for weakness now. People in a strong nation have calloused hands; they work from daylight to dark and take pride in what they do. Could it be that before America regains her self-respect her people are going to have to go back to work?

# Old favorites with new flavors

## HAWAIIAN BEEF LOAVES

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1 envelope brown gravy mix      | Dash of pepper                 |
| 1/2 cup milk                    | 1 cup soft bread crumbs        |
| 1 teaspoon instant minced onion | (1 1/4 slices bread)           |
| 2 slightly beaten eggs          | 2 lbs. ground beef             |
| 1 tablespoon snipped parsley    | 1 1/2 oz. can sweet-sour sauce |
| 2 teaspoons soy sauce           | Hot cooked rice                |
| 1/2 teaspoon salt               |                                |

In large mixing bowl, blend gravy mix and milk. Add instant minced onion; let stand a few minutes. Add eggs, parsley, soy, salt, and pepper; stir in bread crumbs. Add ground beef; mix well. Shape into two loaves; place in shallow baking pan. Bake at 350 degrees for 50 minutes. Spoon off excess fat. Pour a little sweet-sour sauce over loaves. Return to oven for 15 minutes. Heat remaining sauce to pass; serve with rice. Makes 8 servings.

## SALMON PUFFS

- |                          |                      |
|--------------------------|----------------------|
| 1 can pink salmon        | 1 small onion, diced |
| 1 teaspoon baking powder | Salt to taste        |
| Bread crumbs             | Pepper to taste      |
| 1 egg, slightly beaten   |                      |

Flake salmon, reserve juice and add bread crumbs, beaten egg, onion, salt and pepper. Add baking powder to salmon juice, mix. Stir into above mixture. Spoon drops into hot deep fat. Fry until golden brown. These are very light and airy.

## MACARONI AND CHEESE

- |                          |   |
|--------------------------|---|
| 1 pkg. (8-oz.) macaroni  | 1 can (10 1/2-oz.) cream of mushroom soup |
| 1/4 cup chopped onion    | Salt and pepper                           |
| 1/4 cup chopped pimiento | 1/2 cup cracker crumbs                    |
| 1 lb. grated hoop cheese |   |
| 3/4 cup milk or cream    |   |

Cook macaroni according to package directions. Mix macaroni, onion, pimiento, grated cheese (reserve 1/4 cup cheese for topping), milk, and mushroom soup together. Season with salt and pepper. Pour into greased casserole. Sprinkle reserved cheese and cracker crumbs on top. Bake at 350 degrees 40 to 50 minutes. Serves 6.

## ORANGE FRUIT MOLD

- |  |                            |
|--|----------------------------|
| 1 pkg. (3 oz.) Jello, orange or orange-pineapple | 1 tablespoon lemon juice   |
| 1 cup boiling water                              | 1/2 cup orange sections    |
| 1 cup cold water                                 | 1 medium banana, sliced    |
|  | 4 dates, sliced lengthwise |

Dissolve gelatin in boiling water. Add cold water and lemon juice. Chill until slightly thickened. Fold in fruits. Pour into individual molds. Chill until firm. Unmold. For salad, serve on crisp greens with mayonnaise. For dessert, serve with a dessert topping. Serves 6.

## YEAST ROLLS

- |   |   |
|---|---|
| 2 cups warm water                       | 2 teaspoons salt                                |
| 3 pkgs. yeast                           | 1 egg beaten                                    |
| 2/3 cup powdered milk plus 1 tablespoon | 6 tablespoons butter not hot, just warm or cool |
| 4 1/2 tablespoons sugar                 |   |
| 5 1/2 cups flour                        |   |

Put warm water not too warm in mixing bowl. Add yeast, mix until dissolved. Mix milk, sugar, salt together and add to your liquid. Mix until dissolved. Add egg then butter, mixing all the time you are adding your egg and butter. Then add flour, mix best you can. If you can't mix well enough with a mixer, put on floured board and knead about 3 minutes. Put dough in buttered bowl, turn over and cover. Let it double in size. Now dump dough on buttered surface and turn over to smooth side of your dough which was the top side in the bowl. Pinch rolls . . . easy, don't do anything to dough, but pinch off rolls, butter the top of your rolls. Now let them double in size again. Bake at 375 degrees 20 minutes or until good and brown. Butter tops with melted butter.

## COFFEE CAKE

- |   |                        |
|---|------------------------|
| 1 cup pecans                            | 1 stick butter or oleo |
| 1 pkg. frozen rolls (24)                | 1/2 cup brown sugar    |
| 1 pkg. instant butterscotch pudding mix | 4 tablespoons cinnamon |

Grease bundt pan with Pam. Layer in bundt pan as listed. Let rise covered on counter top overnight. Bake at 350 degrees for 25 minutes. Serve warm.

## SPRING TEA

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 6 regular tea bags                  | 1 small can frozen lemonade (thawed) |
| 4 cups water                        |                                      |
| 1 cup sugar                         |                                      |
| 1 small can frozen limeade (thawed) |                                      |

Boil water and pour over tea bags. Allow to cool. Remove tea bags and dissolve sugar in tea. Add lemonade, limeade and enough water to make one gallon.

## AUSTRIAN CHOCOLATE BALLS

- |                                 |                             |
|---------------------------------|-----------------------------|
| 1 1/2 oz. unsweetened chocolate | 1/2 teaspoon vanilla        |
| 1/2 cup margarine               | 1 1/4 cups flour            |
| 1 cup sugar                     | 1/2 cup finely chopped nuts |
| 1 egg plus 1 yolk               |                             |

Melt together chocolate and margarine over low heat. Add sugar, egg and vanilla. Mix well. Add remaining ingredients and shape dough into 3/4-inch balls. Bake on ungreased sheet 8 to 12 minutes at 350 degrees.

## GLAZE:

- |                             |                         |
|-----------------------------|-------------------------|
| 1 oz. unsweetened chocolate | 1 cup powdered sugar    |
| 1 tablespoon margarine      | 2 to 3 tablespoons milk |
| 1/2 teaspoon vanilla        |                         |

Melt ingredients together and make thin enough to dip top of cookies in.

## DUMP CAKE

- |                   |                            |
|-------------------|----------------------------|
| 2 cups flour      | 1 teaspoon soda            |
| 2 cups sugar      | 1 tablespoon cinnamon      |
| 2 eggs            | 1 teaspoon vanilla         |
| 1/2 cup butter    | 1 cup nuts                 |
| 1/2 teaspoon salt | 1 can comstock pie filling |

Just dump it all in a pan and stir. Put in oblong greased and floured pan. Bake at 350 degrees for 1 hour or until done. You can serve with whipped topping.

## ICING FOR DUMP CAKE

- |                             |                       |
|-----------------------------|-----------------------|
| 3/4 box of powdered sugar   | 1 cube oleo, softened |
| 3 oz. softened cream cheese | 1 teaspoon vanilla    |

Combine together. Spread on Dump Cake.

## FRENCH LEMON PIE

- |   |                                 |
|---|---------------------------------|
| 4 eggs                                    | 1/3 cup lemon juice             |
| 1 cup light corn syrup                    | 1/2 cup sugar                   |
| 1 teaspoon grated lemon peel              | 2 tablespoons all-purpose flour |
| 2 tablespoons butter or margarine, melted | 1 unbaked 4-inch pastry shell   |
|   | 1/2 cup whipping cream          |

In medium bowl, beat eggs well; add corn syrup, lemon peel, lemon juice, and melted butter. Combine sugar and flour; stir into egg mixture. Pour into unbaked pastry shell and bake at 350 degrees for 50 minutes. Chill. To serve, spoon whipping cream onto pie.

## WATERGATE CAKE

- |                              |                      |
|------------------------------|----------------------|
| 1 pkg. White Cake Mix        | 1 cup nuts (chopped) |
| 1 pkg. Pistachio pudding mix | 1 cup coconut        |
| 3/4 cup oil                  | 1 cup 7-Up           |
| 3 eggs (whole)               |                      |

Mix well and bake in greased pan at 350 degrees for 30-35 minutes. Let cool before icing.

## ICING

- |                              |                      |
|------------------------------|----------------------|
| 2 pkgs. Dreamwhip            | 1 1/2 cups cold milk |
| 1 pkg. Pistachio Pudding mix |                      |

Beat all together at high speed until thick enough to spread. Sprinkle cake with chopped nuts.

## STRAWBERRY SOUR CREAM PIE

- |                           |                                 |
|---------------------------|---------------------------------|
| 9-inch baked pie shell    | 1 1/2 teaspoons vanilla extract |
| 2/3 cup sugar             | 3/4 cup Wairy sour cream        |
| 2/3 cup all purpose flour | 1 cup sliced fresh strawberries |
| 1/4 teaspoon salt         | 1/4 teaspoon cream of tartar    |
| 2 cups milk               | 1/2 cup sugar                   |
| 4 eggs, separated         |                                 |

Combine 2/3 cup sugar, flour and salt in a 2-quart saucepan. Gradually stir in milk until smooth. Cook over medium heat, stirring constantly, until thickened and mixture comes to a boil. Boil and stir 1 minute. Remove from heat and stir a small amount of hot mixture into egg yolks; return all to saucepan. Cook over low heat until thickened, about 2 minutes. Do not boil. Remove from heat and stir in vanilla. Gently fold in sour cream, a small amount at a time. Cover and cool to lukewarm. Meanwhile, line bottom of pie shell with strawberries. Spoon filling over strawberries. Pre-heat oven to 350 degrees. Beat egg whites and cream of tartar until frothy. Gradually add 1/2 cup sugar and continue beating until stiff peaks form. Spread meringue over filling, making sure that meringue covers filling completely and is sealed to crust. Bake until lightly browned, about 5 minutes. Remove from oven and chill 3 to 4 hours before serving.



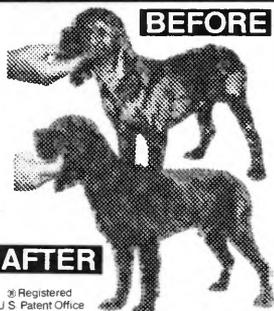
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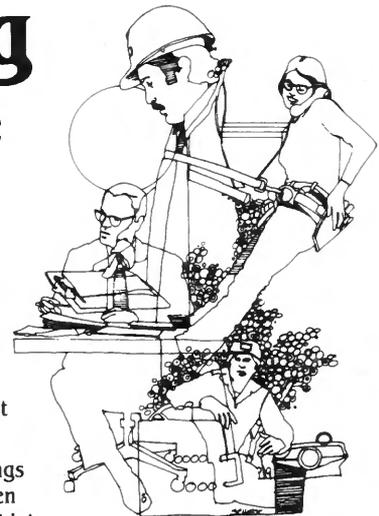
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# Protecting a valuable asset

You've insured your house, your car... probably even your stereo and television set. But, did you ever stop to think about your most valuable asset? You depend on good health in order to work and bring home your family's income. Isn't that an asset also worth protecting?



The financial security and all the things you've worked so hard for can be lost when an unexpected sickness or injury strikes. Think about it. If you were struck by a heart attack (or some other serious illness or accident), could you pay your medical bills and still manage to make ends meet without your income?

That's why most Illinois Rural Electric Co-operatives and Telephone Co-operatives participate in Mutual of Omaha Association Group plans.

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**Life Insurance** is also available, both as term and permanent insurance (cash value) from our affiliate, United of Omaha.

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Hugh R. McAteer

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Or call collect (314) 434-7230



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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

If you are a member of Monroe County Electric Cooperative, you receive much less in government assistance for electric service than your urban neighbors.

A study completed by the National Rural Electric Cooperative Association (NRECA) shows that investor-owned electric companies receive the highest benefits, \$42.48 per consumer, compared to \$9.46 for rural electric consumers and \$40.45 for publicly-owned utilities.

The study was carried out by NRECA chief economist Donald E. Smith.

Put another way, rural electric systems received approximately \$85 million in federal assistance in 1981, while municipal systems received approximately \$331 million and investor-owned electric companies received about \$4 billion.

Government assistance to electric utilities has been substantial throughout the industry's 100-year history, and has contributed immeasurably to the development of financial soundness of the heavily capital-intensive industry, Smith says, pointing out that the industry invests over \$37 billion annually in plant and equipment. "Recognizing the serious financial problems confronting electric utilities in the United States, federal assistance to utilities is justified," Smith says.

However, he continues, the inequity in federal assistance contradicts the fact that costs and rates are higher for utility service in the rural areas. Smith points out that the distribution investment per consumer averages \$1,337 for rural electric systems, \$648 for municipal utilities and \$825 for investor-owned, and that while rural electric cooperatives average only 4.6 consumers per mile, investor-owned utilities average 35.8.

While all electric utilities receive some federal assistance, it varies significantly with types and levels.

- Rural electric systems receive assistance in the form of financing through the Rural Electrification Administration (REA), which allows them to borrow at lower interest rates than they could receive without government backing. The Office of Management and Budget attributed a 1981 "cost" of \$85 million to reflect those

favorable interest rates, even though REA financing involves no budget appropriations or outlays.

- Publicly-owned utility systems are eligible to issue tax exempt bonds at favorable interest rates, resulting in the lowest effective interest rates of the three types of electric utilities. The estimated cost in revenue "lost" to the U.S. Treasury in 1981 was \$331 million.
- Investor-owned utilities receive federal assistance through accelerated depreciation of plant and equipment, through tax credits for investment and through the collection of federal taxes that will never be paid. The cost to the government in terms of lost revenue amounts to approximately \$3 billion annually. In addition, provisions of the 1981 Economic Recovery Tax Act allow investor-owned utilities even faster depreciation, which virtually eliminates any remaining tax liabilities. This new depreciation allowance can increase federal assistance to investor-owned utilities by \$1 billion annually. Another feature of the 1981 Tax Act allows stockholders of private electric companies to reinvest up to \$750 in dividends tax free. This is expected to result in revenue loss to the Treasury of \$328 million this year.

"Expanded federal assistance to investor-owned utilities further increases the disparities in federal assistance between the rural electric systems and the electric companies," Smith states.

"These can be alleviated by strengthening the REA loan program, which would be consistent with the Administration's increased assistance to other electric utilities," Smith concludes.

### Federal Assistance to Utilities (Per Consumer)

Rural Electric Co-ops . . . . .	\$ 9.46
Publicly-Owned Utilities . . .	\$40.45
Investor-Owned Utilities . . .	\$42.48

<b>REC</b> WATERLOO		<b>MONROE COUNTY ELECTRIC CO OPERATIVE, INC.</b> P.O. BOX 128 WATERLOO, ILLINOIS 62298 TELEPHONE A.C. 618-939-7171		Address Correction Requested Return Postage Guaranteed		Presorted First Class Mail U.S. Postage Paid Permit No. 5 Waterloo, Illinois 62298	
Last Month Previous Reading	Last Month Present Reading	KWH Meter	KWH Rate	Amount			
7910	8930	1	1020	7019			
<b>LAST MO WPCA INC TAX</b>				699			
<b>PAYMENTS</b>				7718C			
<b>THIS MO WPCA INC TAX</b>				479C			
<b>POWER COST ADJUSTMENT RATE PER K.W.H.</b>				0044700			
RC	CL	<b>Bill is Delinquent and Gross applies after this date</b>		052482	<b>BALANCE ON ACCT.</b>		
R	I				↓		
Rate Schedule		<b>YOUR CURRENT MONTH BILL IS DUE</b>		051582	479C		
Map Location		Meter Number		Account Number			
10-18-A58783632		GED000329000					
Keep For Your Records							
				10-18-A			
				WILLARD P WIGGERS			
				P O BOX B			
				WATERLOO IL 62298			
				5 LAST MONTHS READ 08930			
				USE 08930 AS PREVIOUS READING WHEN FIGURING BILL ON REVERSE SIDE			
				ADD THIS BALANCE TO CURRENT BILL IF "C" APPEARS AFTER BALANCE-SUBTRACT			
Billing Date mo day yr	Account Number		CL	B	C	\$	C
051582	0000329000		1R			479C	
RETURN THIS PORTION							

# Watch for WPCA credit

Above is a copy of the May 15 electric bill of Director of Member Services Willard Wiggers. Please note the "C" in the Balance on Account block. This means that there is a \$4.79 credit on Mr. Wiggers' bill. This credit is from kilowatt-hours (kWh's) used in April to be applied to the May bill.

If there is a "C" behind the figure in the Balance on Account on your electric bill, please remember to subtract that amount from your current electric bill.

It appears that in the coming months, we should be receiving credit WPCA amounts. This may not be the case every month, as our average cost of wholesale power is different each month.

We have previously indicated that we expected credit WPCA amounts under our new rate structure. We are pleased that this is the case. For example, on Mr. Wiggers' bill for April he paid \$70.19 for 1,020 kWh's, less the \$4.79 credit (to be applied in May) made his net bill for April \$66.60. Under the old rate, he would have had a WPCA charge of \$5.30 + \$56.81 (1,020 kWh's old rate) making a net of \$62.11 under the old rate versus the \$66.60 under the new rate.

## April power bill

Cost of Purchased Power . . . . .	\$151,721.00
Number of kWh's Purchased . . . . .	4,606,800
Cost Per kWh . . . . .	.0329
Less Amount Covered by Base Rate . . . . .	.037
Difference . . . . .	(.00410)
Average Line Loss Factor . . . . .	X .10

WPCA for kWh used March 15 to April 15 payable with your May 15 bill	(.00447)
--	----------

Please remember if a "C" appears behind the Balance on Account, subtract the amount from your current bill.

## Trees and power lines don't mix

Just about everybody likes trees — and everybody needs electricity. But some people don't like the power lines that take electricity to them especially when it is necessary to trim or remove trees so they don't interfere with power lines.

Trees and power lines don't mix. If a tree branch is near a line and falls onto it, you and your neighbors could be without electricity for several hours or more.

Even if a branch does not fall but only touches lines because of windy conditions or ice, it can mean the temporary interruption of electrical service.

Even if a branch does not fall but only touches lines because of windy conditions or ice, it can mean the temporary interruption of electrical service.

In each electrical circuit there is a device called a circuit recloser. When a tree branch touches power lines, shorting out a circuit, the recloser will temporarily break the circuit.

During a wind storm, you may have noticed your lights blink. This is the recloser in operation. It will break a circuit three times temporarily. On the fourth time, it breaks the circuit permanently — until a serviceman resets it manually.

Clearing right-of-way is expensive and we'd rather not have to do it. But do it we must — to insure that you can depend on having electricity most of the time — even during bad weather.

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**NOW! TONE MUSCLES AND TRIM YOUR FIGURE FAST!**

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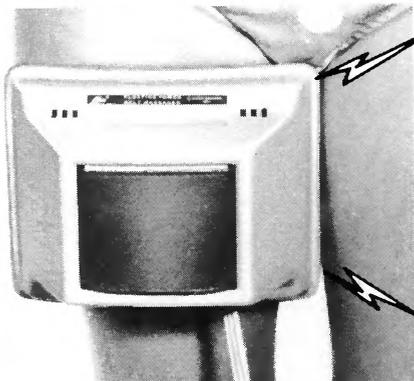
## **No More Strenuous Exercise, No More Dreary, Drab Diets!**

Here's the miraculous new way to tone up flabby muscles, and firm up a flabby figure that all the women are raving about! It's like having a professional Swedish masseur at your beck and call—for a relaxing rub down, or a figure-firming massage.

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Or, turn it on "low" for a gentle, relaxing massage that eases away tension and strain, relieving aches and pains, and soothing away the cares of a tiresome day.

### **Like the Expensive Figure-Salon Models**

The Vibra-Massage is beautifully made with a 45" adjustable belt, and an extra-long 66" power cord. It's just like the expensive, professional units used in the expensive figure salons Park Avenue socialites and Hollywood movie stars go to for help with their figures. Yet it's available to you now—direct-to-your-home-by-mail—for just \$19.99, on our money-back guarantee of satisfaction. Send for yours today.

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From far left: Ken uses a vintage Allis-Chalmers tractor to cultivate. A picker in the field. A handful of fine berries.

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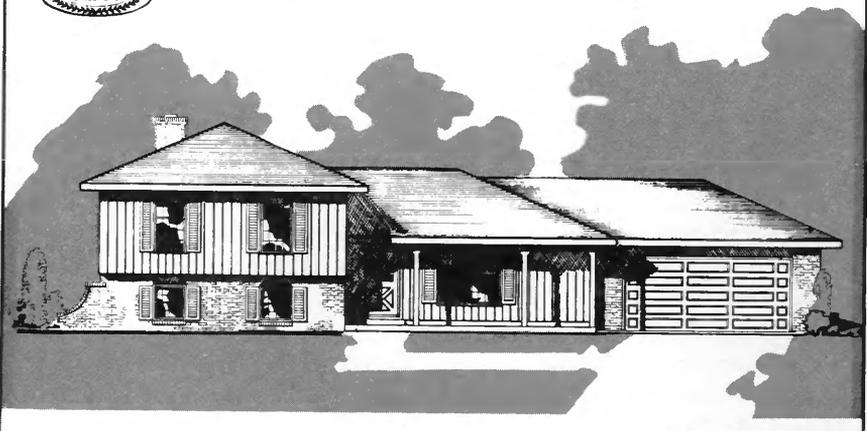
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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

Peak demand. It is a term widely used in recent years, one we have discussed many times. But what exactly does it mean?

Peak demand is, very simply, the greatest use of electricity in any given period. Every day has a peak demand, every month and every year. In some cases the peak demand doesn't get very high, but sometimes, especially during hot summer afternoons and evenings, peak demand skyrockets. That's when it becomes a concern. The concern isn't whether the demand can be supplied. The real concern is the cost.



You can help control peak demand and the cost of wholesale power to the cooperative by practicing peak awareness and staggering the use of major appliances on the hottest days of the summer months — days when the temperature is above 90 degrees — during the hours of 4 p.m. to 9 p.m.

Under the above conditions, your cooperative sets a summer demand and we must pay our power supplier a minimum of 75 percent of this demand the rest of the year.

The peak demand established in July of 1981 added 4.34 mills per kilowatt-hour (\$4.34 per 1,000 kWh) to your May 1982 bill. In May of this year, we paid \$14,661 in excess demand costs that we did not require. This added 4.34 mills to our power cost, which was reflected in the wholesale power cost adjustment (WPCA) for May. Although the WPCA for May was a 1.08 mill credit, it could have been a 5.4 mill credit if there was no excess demand charges.

Leveling out peaks saves money all year long. For example, your cooperative has paid for kW demand in excess of actual demand in seven of the ten months since last July.

We are not suggesting that you do without. What we do suggest is that you use only one major appliance at a time. Wash and dry clothes early in the morning or late in the evening. Avoid using your electric range at the same time you are washing or drying your clothes. Avoid use of your air conditioner while using the above appliances.

St. Louis radio and television stations carry peak alert warnings from other electric utilities. Since the pattern of usage in our cooperative is similar, a good time to practice peak awareness is when you hear these peak alert warnings.

This is a voluntary program. Its success depends on you.

## May power bill

Cost of Purchased Power	\$121,538.00
Number of kWh's Purchased	3,374,400
Cost per kWh	.03602
Less Amount Covered by Base Rate	.037
Difference	(.00098)
Average Line Loss Factor	x .10
WPCA for kWh's used April 15 to May 15, payable with your June 15 bill	(.00108)

## Watch for credit WPCA

For the next several months, beginning with your May electric bill, you should have a credit WPCA amount. If there are no other outstanding balances due, a "C" will appear behind the figure in the "Balance on Account" box.

If this is the case, be sure to subtract the credit from your electric payment. Your cooperation will be appreciated and will help keep errors to a minimum.

## Make bill arrangements before vacationing



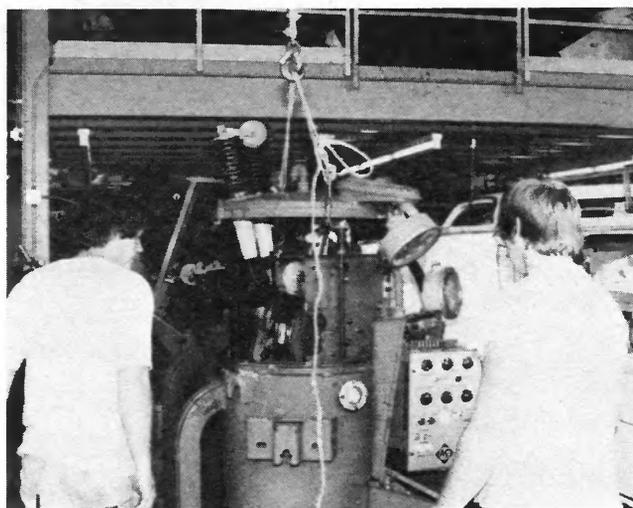
Vacation time is here and we would like to remind our members to make arrangements for paying their bills in advance when planning on being away from home for an extended period of time.

Meters are scheduled to be read on the 15th of each month and payment must be in the cooperative office no later than the 24th of the month to take advantage of the net amount. The gross amount must be paid by the last day of each month to avoid being delinquent.

We suggest that when you are going to be away from home when your electric bill is due, from the 15th through the last day of each month, that arrangements be made to pay an estimated bill.

Contact the billing department to let them know when you will be away. Phone 939-7171. They can advise you concerning the payment of your bill.

Enjoy your vacation!



## Regulator maintenance

The cooperative recently used the services of Fletcher-Reinhardt Service Company to perform maintenance and repair to nine voltage regulators that had been retired from service on the cooperative system. It was deemed more economic to have the regulators repaired than purchase new ones.

Voltage regulators are placed in our distribution system to do just what the name implies — regulate voltage or maintain voltage at nearly the same at the end of the lines, several miles from the substations, as it is at the substation.

We plan to place the newly repaired regulators at three locations on our system prior to the hot weather when line loads are at a peak. This will help prevent low voltage conditions and provide our members with a reliable continuity of electric power for the summer.

## Family living habits greatly determine your electric bill

Few people check gasoline mileage with their neighbors'. Likewise, we never hear of people checking grocery bills or other general living costs with neighbors. Yet it seems to be a habit to check with your neighbors as to electric bills.

"Why is my light bill higher than my neighbor who lives across the road when he has the same appliances I do?" This question is often asked by consumers.

There is no way to check your bills with your neighbor. Many reasons can be given why one family may use more electricity than another family using the same appliances.

1. One refrigerator door may be opened twice as often. Each time the door opens, cold air rushes out and the

unit must run more to replace it.

2. Some think 60- or 75-watt bulbs are sufficient while others use 100- or 150-watt bulbs in every socket.

3. One family might retire at 9 o'clock while another watches TV until after midnight.

4. No two families have the same amount of washing and no two women wash the same way.

5. One may iron one day a week while the other may iron a few pieces or press something every day. Each time the iron cools and is reheated, more electricity is used.

6. Some use the electric range to "take the chill off the kitchen." This is high-priced heat and can run your bill up, since a range is not designed for home heating.

7. One family may have inadequate wiring and the other a good wiring job. Voltage drop in poor wiring reduces the efficiency of appliances and wastes electricity.

Now let's be fair. These are only a few of the human elements that enter into comparing electric bills. Won't you agree that no two families live alike or have the same habits, so the amount of electricity used will vary with the family?

Your meter is just like your neighbors'. It is highly efficient machine that records the kilowatt-hours used. One time in hundreds of tests a meter is operating inaccurately; but, in most instances, the meter is slow rather than fast.

## how do others see you?

this?

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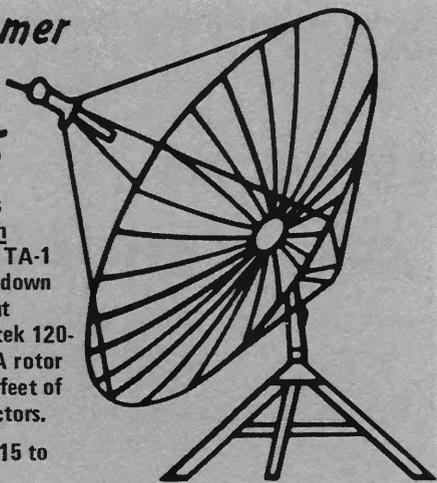
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nearby towns. You can see it in the sales receipts of all the towns around the lake. When the tourist season starts on April 1, the sales receipts immediately go up, and when the season winds down, so do the sales. It's as simple as that. The situation's a lot better than it used to be."

Coy and Wilma's store was the first business to open up on the lake, and they've added about 100 trailer spaces for campers. They tried to operate on the premise that if they treated customers the way they'd like to be treated themselves, the business would prosper. "We try to be helpful," Wilma emphasizes, "and if somebody needs something we don't have, we'll get on the phone and try to locate it for them, or we'll call medical help, or do whatever is needed to make their stay here more pleasant."

So far the minimarketing strategy seems to be working. The Cockrums note that they've had many repeat customers and the operation is still growing steadily if not spectacularly. "We put in an ice cream store not too long ago," Coy says, "because there seemed to be a good market for it and our daughter and her son can run it for us. They needed something to do and this works out great. We serve real hand-dipped ice cream, too," he says pointedly, "not the soft serve stuff. Ours is the old-fashioned kind. Kinda like our way of doing business."

Another old-fashioned twist Coy and Wilma add to their operation is a gospel sing held every year the Sunday night before Labor Day. They book a couple of well-known gospel singing groups from the area, open up a large field to spectators and everybody who wants to can take part in a good old-fashioned sing.

The Rend Lake Marina is another operation that, obviously, wouldn't have come about if not for the lake. Owned by the U. S. Army Corps of Engineers and operated by Paul Dickerson, it is a full-fledged marina operated on a year-round basis. Offering sales and rentals on a full line of boats, the marina also has covered and open docks, and all slips have power and water.

"We also offer shoreline moorage for pontoons and houseboats," Dickerson says, "and a total communications

and security system. We sell lures and live bait, too, as well as skiing accessories."

A relative newcomer to the lake with only four years under his belt, Dickerson notes that the marina brings a lot of tourists into the area. "We sell about 30,000 gallons of marine fuel a year, and we employ eight people during the summer. They work the gas pumps, perform boat services, make repairs, all the things that go with making people's stay pleasant.

"Actually," Paul continues, "the hardest work is in the winter. We're busier in the summer, but it's lighter, easier work. When the tourists are gone, we have to keep boats from

being iced in or blown away. Those are things you have to do in the middle of the night or when it's storming. We also upgrade the facilities. This year we put in ground fault interrupters to the electrical outlets on each dock, and added three feet of height to the breakwater to keep wave action out of the marina."

So, while the tidal effect of some two million people flooding into the area and back out during a six-month period obviously cannot be an unmixed blessing, it is equally obvious — from the sales receipts of nearby towns — that the tourists brought by Rend Lake have helped improve the area's economy considerably.

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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

For the past several months, it seems that we have been plagued with more than our share of thunderstorms with high winds and lightning. Storms of this nature not only cause power outages but sometimes result in equipment failure on the members premises. Most common is damage to television sets, motors and other electric appliances, as a result of lightning.

All too frequently, we are asked by members who have suffered damage or loss during a power outage if their loss is somehow covered by our insurance carrier. The disappointing answer is always the same. We have no way of insuring our members from the effects of outages which are beyond our control. Acts of God such as tornado, thunderstorms, lightning, high winds and automobile accidents are examples of conditions that cause outages and equipment failure over which we have no control.

Although we try to provide the most reliable electric service possible, and have an excellent record of reliability, some outages must be expected. Even with the extensive damage caused by the tornado-like winds last summer, our average outage time per member during 1981 was less than the national average. Weather, vehicle accidents, animals, fallen trees, "dig-ins" in underground wiring and a variety of other causes will continue to cause outages and inconvenience for all of us.

Naturally, there is no way for your Cooperative to carry insurance to cover losses caused by the outages beyond our control. These outages are not only inconvenient and expensive to the member, but they are also extremely costly to the Cooperative to correct and also in loss of revenue when members are without electric service.

The only type of service problems for which we can provide you with some insurance protection is that rare instance when an outage or condition is caused by some sort of negligence on our part. This leaves you with the burden of providing your own insurance coverage for those occurrences which are caused by nature or others. You should have, or at least consider having, adequate insurance coverage to cover such incidents. I would recommend that you contact your insurance agent to discuss the protection

you now have and consider if it is adequate and meets your needs.

There are many things you can do to help eliminate potential problems, such as having proper protection on electric motors, install an alarm system that will notify you of an outage, have a stand-by generator to take care of water, heat and refrigeration, or when 24-hour electric service is required. We recommend you pull the plugs on motor driven appliances when outages occur and plug them in one at a time when the electricity comes back on. If you suspect a low voltage problem, don't continue to operate your appliances — contact the Cooperative at once.

We intend to do our best to keep service interruptions at a minimum, but we urge you to have proper insurance coverage for those occasions when the unexpected happens.

## Senator Percy visits Monroe County



*Cooperative President Robert Rippelmeyer, right, and Manager Joe Fellin met with Senator Charles Percy, left, during his visit to Waterloo July 7. Among items of concern discussed with Senator Percy were the REA guaranteed and insured loan programs, and financing for the Soyland coal-fired generation station. Standing in center of photo is an aide to Senator Percy.*

# Ground water heat pumps

Ground water is attractive as a potential energy source for heating and cooling when used in conjunction with a heat pump. Temperature of ground water varies little on a seasonal basis, regardless of the temperature extremes on the ground surface. Thus, the ground water is warmer than outside air in winter and cooler in summer.

In determining whether a ground water heat pump represents an economical alternative to other types of heating and cooling systems, a number of factors should be considered.

First, a ground water heat pump must have an adequate water supply. Since these units normally require more water than is needed by a single-family residence, some existing wells may not have the capacity to adequately supply a ground water heat pump. If uncertain, professional water experts should be consulted.

Corrosion of the ground water heat exchangers can be a problem under certain water quality conditions. Inexpensive water tests can be made to assure proper water quality.

Second, proper disposal of water is important. If ground water heat pumps are widely used in particular areas, care should be taken to avoid ground water depletion and local lowering of water tables. A recharge (return well) using an injection well is the preferred method of water discharge.

A ground water heat pump uses energy only to run the fan, compressor, and water pump. Using available heat gives the heat pump a head start over conventional electric resistance heaters and oil or gas furnaces, enabling it to deliver more units of heat output than the number of energy units it consumes.

The increased efficiency offered by ground water heat pumps translates into savings on heating and cooling costs. The actual savings, however, depend on such factors as climate, price and availability of electricity, natural gas, oil, etc.

The initial cost of installing a ground water unit is an important factor. Two distinct initial costs are involved in a ground water installation — the cost of the unit itself and the cost of the water system.

If an adequate water supply well already exists, and if the water can be conveniently disposed of without drilling a disposal well, then the cost would more than likely be less than other heating/air conditioning systems. However, if one or two wells must be drilled to get an adequate water supply and adequate water disposal, the total installed cost of the ground water heat pump can be greater than conventional heating/cooling installations. These additional costs can vary widely depending on depth of the well.



Lowell Kerans stands behind his van that he will use to test meters on the Cooperative system. Please note that there will be Monroe County Electric Co-operative identification on the van.

Your Cooperative will again this summer use Lowell Kerans Meter Testing Service of Wayne City, Illinois to test meters on the member's premises. This program is scheduled to start approximately August 1st.

Meter testing is a continuous maintenance program where your Cooperative tries to have all meters on the system tested every seven years. The meter tests are for the member's benefit as well as the Cooperative's.

The Illinois Commerce Commission requires all public utilities to have their meters tested every ten years. Although your cooperative does not come under the ICC jurisdiction, we still adhere to their rulings.

Meter testing will be performed this summer in the middle section of our service area. All meters in Township 2 South, Range 11 West, and Township 2 South Range 10 West will be tested. Some meters in Township 2 South 9 West will also be tested. These townships and ranges correspond with the Cooperative's map numbers 08, 09, and 10 respectively.

If your map location number begins with 08 or 09, your meter most likely will be tested. A few meters in map 10 will also be tested this year.

Lowell Kerans has been providing this service to the Cooperative now for several years. Lowell will be driving a van that will have Monroe County Electric Cooperative decals on the doors. If anyone else tries to test your meter or if you are in doubt, call the Cooperative office.

## June power bill

Cost of Purchased Power	\$133,746.00
Number of kWh's Purchased	3,791,683
Cost Per kWh	.035274
Less Amount Covered by Bast Rate	.037
Difference	(.001726)
Average Line Loss Factor	x.10
WPCA for kWh's used May 15 to	
June 15, payable with your	
July 15th bill	(.00190)



## Planning to Weatherize?

You'll find helpful tips in the revised edition of 'Home Weatherization for Lower Cost Living Comfort.'  
To order a copy, use the coupon on page 19.

Published by the Electric Cooperatives of Illinois

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\$3,600 to you a  
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That old stock tank, water reservoirs, etc., coated with Virden Tank Coat, are better than new ones! Fix it and forget it! Let us send you complete information. This is our 32nd year. **VIRDEN PERMA-BILT CO., 2821 Mays St., P. O. Box 71601N, Phone: 806/352-2761, Amarillo, TX 79109**

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County \_\_\_\_\_ Phone( ) \_\_\_\_\_

I own or can get a lot.

Enclosed is \$1.00 for priority handling.

## PATIO OR DWARF FRUIT TREE SALE

AN UNBELIEVABLE

**\$3<sup>50</sup>**

OFFER



### DWARF YELLOW DELICIOUS APPLE

These trees have become extremely popular in recent years due to smaller residential properties. They require less space and are easier to maintain. Even though the trees are much smaller, they bear full-size fruit just as a standard tree, but not as much. One outstanding feature is they begin to bear fruit when only 2 or 3 years old. Mature height is 8 to 10 feet.

The Progressive Gardening Institute is a fully approved Non-Profit Organization whose goal is to educate, inform, and teach the public on how to raise their own food and preserve it for the future. This special offer, a \$7.49 catalog value, is made to introduce you to our fine organization.

### SPECIAL "FREE GIFT" WITH ALL ORDERS

**10** Tenn. Beauty  
Strawberry Plants  
a \$2.49 Catalog Value

All  
Dwarf Fruit  
Trees Shipped  
at  
3 to 4 Feet

### SORRY OFFER NOT GOOD IN CA-WA-AZ

#### CHOOSE FROM

APPLES	No.	PEACHES	No.
Red Delicious	___	Elberta	___
Yellow Del.	___	J. H. Hale	___
Stayman Win.	___	Belle of Ga.	___
APRICOTS	No.	PLUMS	No.
Moorpark	___	Damson	___
Early Golden	___	Burbank	___
PEARS	No.	CHERRIES	No.
Keiffer	___	North Star	___
Bartlett	___	Montmorency	___

#### Progressive Gardening

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Morrison, TN 37357

Please send us at the proper time the dwarf fruit trees, we have selected for only \$3.50 each plus \$2.00 shipping and handling per order.

\_\_\_ Total No. of Dwarf Trees.

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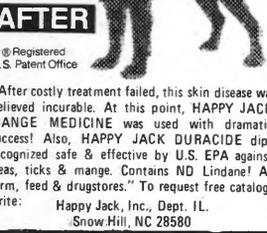
UNWOVEN COTTON OR RAYON — Assorted beautiful Pastel Colors. BRAND NEW — NOT Seconds — 40 Towels for \$1.75 or 80 for only \$3.35. 120 just \$4.95. Super Quality. Pls. include 50¢ extra for pstg and hding. with EACH set of 40 Towels you buy. We know Towels — we've sold 70,000,000 already. Fund Raisers write for quantity prices. Money-Back Guarantee. No C.O.D.'s. Pls. allow up to 6 wks. for delivery.

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## Pantyhose Piggies



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Dwarf trees reach only about 8- to 10-foot tall, yet bear full-size apples, peaches, pears, cherries and nectarines.

# FREE Stark Bro's Catalog

## Grow full-size apples, peaches, pears, on Stark Bro's dwarf-size trees.

Season after season, you and your family will harvest tree-ripened crops of full-size fruit for eating fresh or for your favorite pies and desserts.

Dwarf trees are easy to grow and take up so little space, even the smallest yard has room for several.

**FREE CATALOG** tells all about them—along with almost 400 varieties and assortments of other fruit trees, shade and nut trees, shrubs, vines, ornamentals, and award-winning roses.

**Plant This Fall.** You can plant this fall and gain up to a year's growth. You'll harvest fresh fruit months earlier than you expected.

Stark Bro's Nurseries & Orchards Co.  
Louisiana, Missouri 63353



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## NO DOWN PAYMENT

No money down, below market financing, low monthly payments. It's not too good to be true—just too good to be passed up. We provide step-by-step instructions and pre-cut materials. Join 20,000 happy homeowners who have gotten into the housing market the Miles do-it-yourself way.

Please send me (check one or both):

- Free color brochure
- Miles catalog (Please enclose a \$3.00 check or money order.)

Mail to: Miles Homes, 4700 Nathan Lane, P.O. Box 9495, Minneapolis, MN 55440

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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

Your Cooperative instituted a system planning program several years ago to enable us to continue to provide and maintain adequate service to our members at the lowest possible cost. Our long-range work plan was completed in 1970, and several two-year work plans have been completed since then, using the long-range plan as a guide to system development.

System planning is a continuing type program which utilizes our two-year work plans to review the system's capabilities and develop a construction program as needs arise.

System planning is a prerequisite to submitting a loan application to the Rural Electrification Administration (REA) and to the National Rural Utilities Cooperative Finance Corporation (CFC), our two money suppliers. Utilizing the data from our recent work plan, power usage trends have been projected from which system improvements have been developed, and a loan request of \$1,727,000 was submitted to cover construction and improvement costs.

We recently received word from the office of United States Senator Charles H. Percy that REA had approved our loan request in the amount of \$1,209,000. This amount is 70 percent of the total loan request. The other 30 percent, \$518,000, was approved by CFC.

The concurrent loans are for a two-year construction period and include several projects. A new substation and a 4.5-mile transmission line to provide power to the substation will be constructed in the northern portion of our service area. This is the fastest growing section of our system and the new substation will allow us to provide improved service in that area. It will also help alleviate some of the load on the Millstadt Substation. These improvements, along with a new three-phase feeder line from Highway 3 to Gilmore Lake, will allow us to feed the Millstadt Substation from two directions. Currently, that substation is isolated from the rest of our system. If an outage occurs we cannot back feed power from another source. The new substation will eliminate this problem and improve service and reduce outage time to members pre-

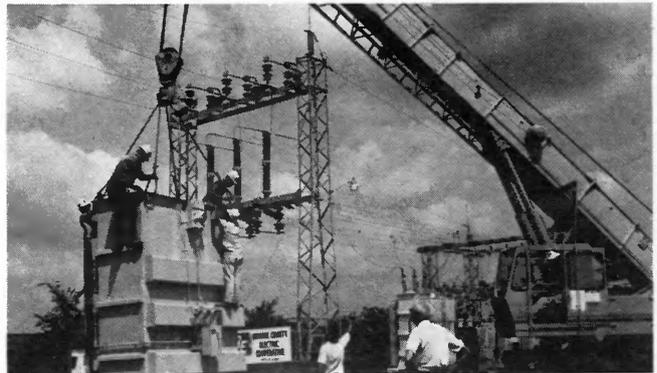
sently served by the Millstadt Substation.

We are presently contacting property owners for the purpose of attaining easements for the transmission line. There are three substation sites under consideration. We will appreciate your cooperation if and when contacted by Cooperative personnel.

Other system improvements to be paid for from the loan funds include 24 miles of new distribution line to serve an estimated 300 new services, construct 4.5 miles of new tie lines and convert 16.25 miles of single-phase line to three phase.

Also included are funds for placement of new line voltage regulators, oil circuit reclosers, and capacitors to be placed on our distribution system to insure adequate line voltage and to eliminate some line outages due to storms and lightning.

When this work is completed, the Cooperative system will have the capacity to serve over 4,200 members having a peak usage of 1,600 kilowatt hours per consumer per month, plus 59 large power and special loads which are provided for on an individual basis. System improvements although costly, are for the benefit of all Cooperative members.



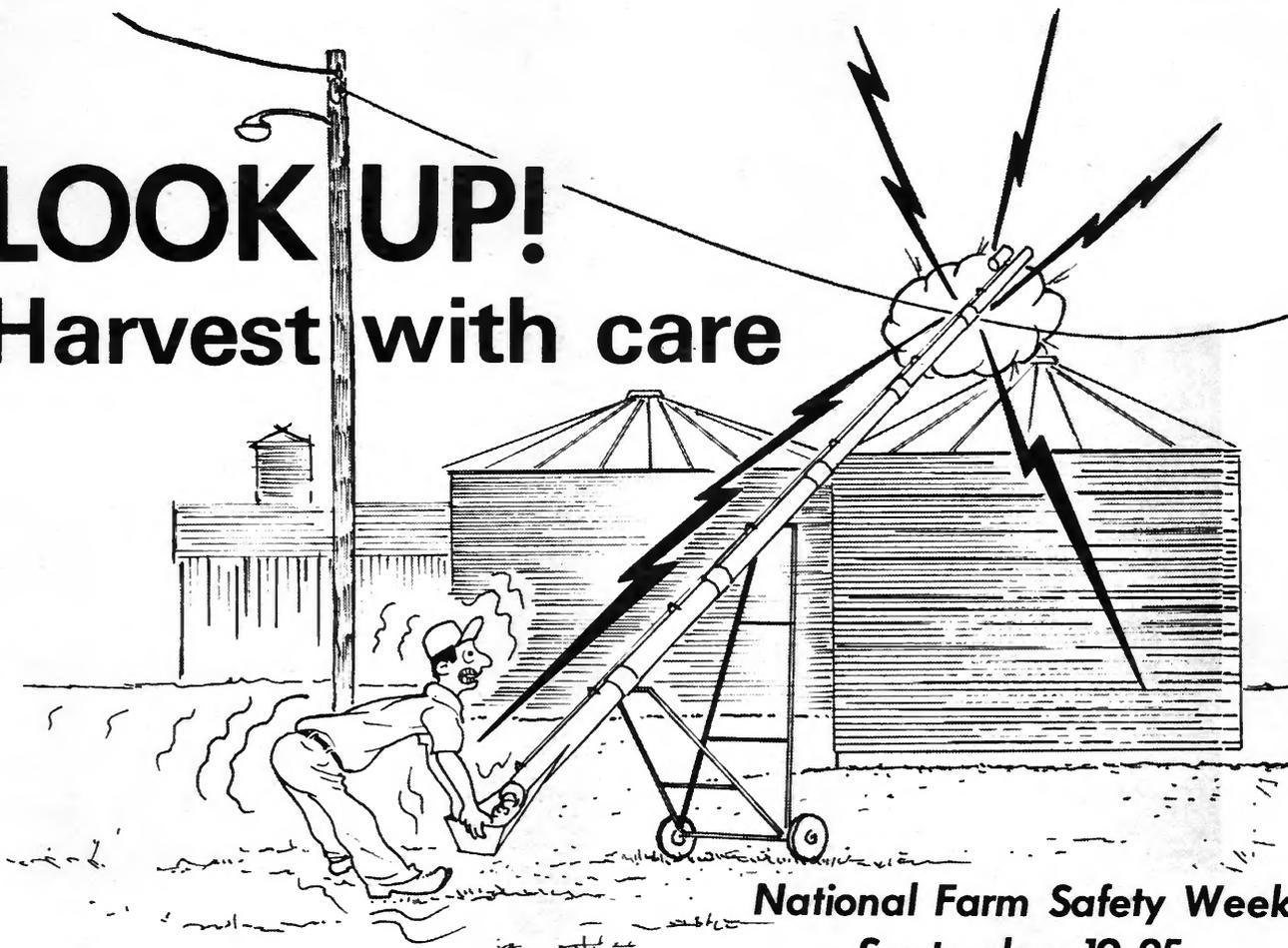
Cooperative linemen are preparing the 5,000-KW spare transformer for unloading at the Millstadt Substation. Luhr Bros., Inc., assisted in unloading the 38,000-pound transformer with a crane.

## July power bill

Cost of Purchased Power	\$194,838.00
Number of kWh's Purchased	5,557,200
Cost Per kWh	.03506
Less Amount Covered by Base Rate	.037
Difference	(.00194)
Average Line Loss Factor	x .10
WPCA for kWh's used June 15 to July 15, payable with your August 15 bill.	(.00213)

# LOOK UP!

## Harvest with care



**National Farm Safety Week  
September 19-25**

Modern farming requires the use of large, efficient and complex machinery. Each year a tragic number of accidents are caused by careless handling of farm equipment around power lines. Monroe County Electric Co-Operative, Inc. urges you to use caution at all times. Watch for overhead power lines and utility poles and avoid contact with this potentially lethal equipment.

Insist that hired hands and family members learn to survey their working areas carefully before engaging farm equipment in work activities. Have every worker assure himself that the equipment he is using will not come into contact with power lines or power support equipment.

Although you may have no power lines whatsoever in your crop fields, you certainly have them present in equipment storage areas and grain storage areas. Be sure the paths are safe routes. There should be ample clearance for combines, pickers, balers, end loaders, augers, or any other equipment you're moving about your farm. If there is some question about whether equipment will clear a power conductor, assume that it won't and take measures to avoid contact.

More often than not, power lines follow property lines. You may be lulled into a false sense of security when you're in the middle of your field, not realizing the danger when you reach the end of the field and began turning your machinery around. There's a very good chance power lines will be near the edge of the field, so always be alert and

check for them. Power lines can be hidden by brush or trees, so you must take precautions to make sure your equipment does not make contact.

Grain augers and bins are often used along property lines too, since such placement makes the best use of the land. Again, be sure that the augers don't come into contact with overhead lines.

Crop storage equipment such as augers, balers and stackers can be extended in height to exceed electric code clearances for power lines. When you're working to store hay, alfalfa or baled straw, make sure your stacking equipment won't reach the power lines. It only takes one mistake to bring tragedy to your harvest.

If you're planning the construction of any new storage bins, be sure to take the placement of existing power lines into account. For the best use of your farm space, storage bins are often erected along property lines. Again, that's just where the power lines usually are.

If you simply can't find adequate space to construct those bins away from power lines, call MCEC to discuss the problem. We'll send an engineer to your farm to survey your potential building sites and work with you in order to come to the best possible results. Your complete safety and comfort are prime concerns to us. We'll be happy to assist you in developing a safer farm. Harvest with safety and you'll continue to enjoy a productive life and a productive farm.

# GARDENING?

TRY AN AGCO FOR 15 DAYS . . .  
YOUR MONEY BACK IF NOT SATISFIED.

NEW AGCO TILLER-POWER HOE TILLS DEEP . . . WEEDS FAST, NO HARD WORK OR PAINFUL BACKACHE!



Tiller-Power Hoe



Works 8 hrs on 1 gallon of fuel!  
Weighs 20 lbs.



Tills Deep



Weeds Fast

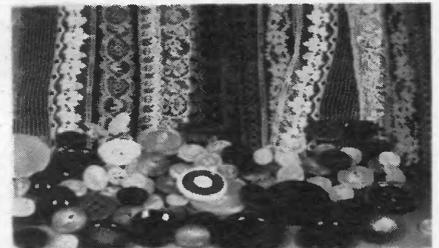
NOT SOLD IN STORES . . . FREE BROCHURE . . . WRITE TO:  
AGCO, PO Box 75, Southampton, Pa. 18966 Dept. 8

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Call 215-947-8855 24 hrs a day. Charge card orders accepted

### Why Shovel Or Hoe?

Gives you bumper crops of fruits, vegetables & flowers . . . liberal warranties, 2 wk money back trial period from AGCO.  
1. High speed tiger tines till toughest grasses & clays  
2. Weighs just 20 lbs. Easy to handle. Tills 6 to 8 inches deep. Weeds narrow rows 1 to 3 inches deep.

### Use an AGCO



## 40 YARDS LACE \$1.75

LACE — LACE — LACE . . . 40 yards of Lace in delightful patterns. Edgings, insertions, etc. Assorted beautiful designs, colors and widths. Pieces at least 10 yards in length—none smaller. Marvelous for dresses, pillow cases, etc. Terrific as hem facing on new double, knit fabrics. Only \$1.75 or double orders \$3.35. 3 orders just \$4.95. Pls. include 50¢ pstg. and hding with EACH set of 40 yards you buy. Satisfaction guaranteed!

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50 New, High Quality Buttons. Assorted colors, sizes and shapes. Sent FREE with each lace order. Please allow up to 6 weeks for delivery.  
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1602 Locust St. St. Louis, MO 63103

# Thank Goodness for Flannel Sheets! I Thought I'd "Freeze to Death"



When I went to England, I just knew it was going to be the trip of a lifetime. I had saved and planned for years. Then, out of the blue, I got a chance to spend a few days in an

honest-to-goodness 13th Century castle on the moors in Yorkshire.

What I overlooked was the English idea of central heating. After I left London the weather suddenly turned shivering cold and wet. By the time I got to my destination I was too tired and miserable to care about picturesque charm and history. All I could think of was how uncomfortable I was going to be in an old, drafty castle.

Sure enough, my room was freezing. But when I crawled into bed I was dumbfounded to discover how marvelously cozy it was despite the lack of heat.

There was a big, puffy down comforter on top. Underneath, the sheets and even the pillowcases were flannel. And not that flimsy, pillied kind we used to have at summer camp. They were luxuriously soft, thick real English cotton flannel.

I felt utterly pampered in plushy comfort. And I never slept better, because I wasn't buried under layers of heavy bedclothes.

Then and there I decided I was going to have sheets like that at home. What a great way to save on heating costs at night and still feel rich and special!

When I got back to the United States I soon learned that the flannel sheets in stores didn't feel or look the same at all. The polyester in them made such a difference.

Finally, I got so frustrated I went to Damart, a company in my home town, and suggested they sell real English flannel sheets and pillowcases. They loved the idea.

And that's how Agatha's Cozy Corner was born. We talked it over and added heavenly down comforters and some other things as well as the sheets. And now I'd be happy to send you my catalog. It's printed in color, and gives you the pictures and story of everything we sell. Just use the coupon for your free copy.



© 1982, Agatha's Cozy Corner

AGATHA'S COZY CORNER  
DEPT. IR92  
Woodbury Plaza  
Portsmouth, N.H. 03801



Yes! I would like to receive a FREE copy of Agatha's Cozy Corner Catalog. Please send it right away.

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## Dentures

# \$195

### Total Cost For Both Upper & Lower Dentures

- Write for free details
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- In by 10 a.m.; out that same afternoon with your new dentures
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- We will process insurance and Medicaid forms
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We'll meet your bus, make your motel reservations,

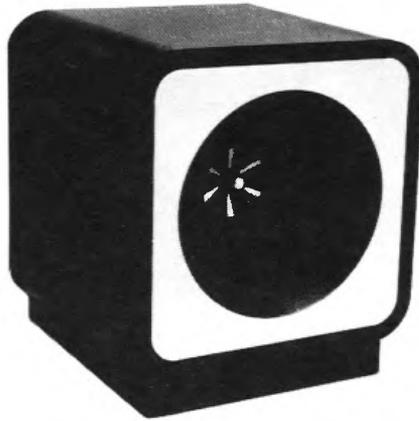
Free hookup if you come by recreational vehicle!

Please call for an appointment

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our patients now number in the thousands...all the way from Maine to California, Canada to South America, Florida to Washington.



*PEST-PRUFE™ is small and unobtrusive—rugged, hi-impact case has black finish with brushed silver face. Measures only 3-1/2" x 4" x 3-1/2". Weighs about a pound.*

# Clear Your Home of Mice, Rats, Roaches and Other Pests -- and Keep Them Out!

**PEST-PRUFE™ is a home-size version of the commercial pest control device that's safe for people, pets and the ecology. Try it in your home for 30 days.**

They don't call them pests for nothing. The bugs and rodents of this world can make life miserable. Traps, sprays and poisons seem to have little effect . . . and professional exterminators don't come cheap. But now you can eliminate troublesome pests and keep them out thanks to new ultrasonic PEST-PRUFE.

The electronic PEST-PRUFE unit doesn't kill rodents or insects—it repels them. Early laboratory research showed that ultrasound was effective in modifying the behavior of mice and rats.

As commercial exterminators began using ultrasonic sound to control rodents, other studies indicated that certain frequencies affected the behavior of insects, too. Now, professional pest control companies acknowledge the usefulness of ultrasonics in controlling certain rodents and insects.

#### UNIVERSITY TESTED

The heart of this new, electronic marvel is a special quartz crystal speaker. It enables PEST-PRUFE to emit ultrasonic sounds that only pests can hear.

These ultrasonic frequencies "attack" the auditory and nervous systems of rodents and certain insects causing pain and discomfort. The pests are forced to abandon the covered area and will not return while you continue to use PEST-PRUFE.

A leading university tested PEST-PRUFE as absolutely safe for humans and pets. And

#### PEST-PRUFE is effective in repelling:

Mice	Rats
Roaches	Carpenter Ants
Crickets	Silverfish
Water Bugs	Locusts
Fleas	. . . and many other pests

since there are no poisonous chemicals, the ecology is not harmed in the slightest.

The ultrasonic output is above the hearing range of humans and household pets, so PEST-PRUFE is safe for use anywhere. It will not interfere with any electronic burglar alarms, fire or smoke detector, TV reception or other electronic equipment.

#### SET UP A BARRIER TO KEEP PESTS OUT THIS WINTER.

When you get your PEST-PRUFE you'll begin to notice some results in a few days. In two to six weeks your infestation will be eliminated. Then continual operation of your unit will prevent further nesting and inhabitations.

Even with colder weather approaching, you can keep pests from coming indoors as long as your PEST-PRUFE is in operation.

#### JUST PLUG IT IN.

There's no installation with PEST-PRUFE. All you do is plug it into any 110-Volt AC outlet. The solid-state electronics and quartz crystal speaker require only 5 watts of power—just pennies per month—and it's maintenance free.

Put PEST-PRUFE anywhere: home, apartment, store, warehouse, or factory. It's the perfect answer for facilities where food is stored or handled such as schools, hospitals, and nursing homes.

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#### YOU CAN'T BUY BETTER PEST PROTECTION.

PEST-PRUFE is state-of-the-art technology. Until now, commercial units used by professional pest control companies cost up to \$200—but lower cost solid-state components allow PEST-PRUFE to give you the same pest repelling power for only \$49.95 (plus \$2.85

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#### TRY IT FOR 30 DAYS WITHOUT RISK.

We urge you to try the PEST-PRUFE unit for 30 days. If you don't see proof that it is the most advanced, efficient pest eliminator available today, return it for a complete, no-quibble refund—including return postage. You are protected by a one-year manufacturer's warranty as well as Shelburne's 26-year reputation for satisfied customers.

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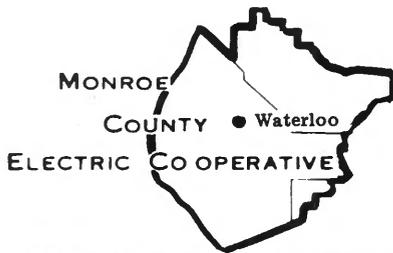
Maryland residents call 363-4304

Get rid of rodents and insects without using messy traps or poisonous chemicals. Let PEST-PRUFE clear your home promptly and effectively. Order one today and try it for a full month at no obligation.

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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

Because one out of every four Americans belongs to a Cooperative, it isn't surprising that the annual observance of Cooperative Month in October has become an important event all across the country.

"Oh sure, I know what a cooperative is. It's one of those places that sells seeds and fertilizer or provides electricity."

"Well my dad may have needed the security of a cooperative, but not me. I can get a better price right down the road."

"Sure I'm a coop member. My family has all been members — just a habit I guess — I don't really use it."

Comments like these are not unusual. There is a growing evidence that the public is less aware of cooperatives and their functions than a few years ago. Additionally, many cooperative members are unclear about the objectives of their cooperatives as indicated by their lack of support.

With these thoughts in mind, cooperative leaders in Monroe and St. Clair counties have made plans to observe Cooperative Month by hosting a group of young farmers at a dinner meeting in late October. The program will focus on the progress cooperatives are making and the problems they face. Cooperative education is essential to dispel misconceptions that surround these organizations, and must begin with the members and the young people of our communities. Supportive, well informed members are a cooperative's biggest asset.

Monroe County Electric Co-operative is one of the nation's 1,000 rural electric cooperatives participating in the national observance of Cooperative Month.

This year's theme, "Building a Better America," is especially meaningful to rural electric cooperatives because business, industry, and other community development have grown and prospered in rural areas and small communities because of electricity.

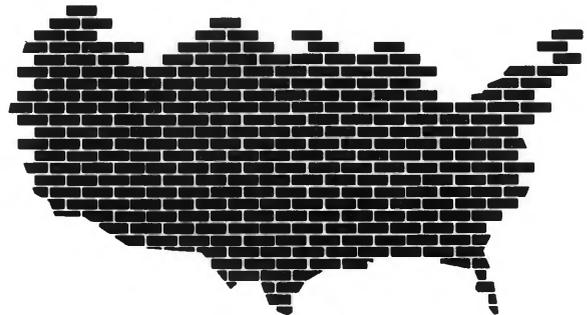
The rural electric program has overcome numerous obstacles, but rural electric leaders, with the support and active involvement of consumer-members, will find workable solutions to the problems they face.

The coming challenge to the directors and management of rural electric cooperatives is whether or not a new gener-

ation of members will remember why and how their parents got electricity in the rural areas and if they recognize that the need for rural electrification is even greater today than ever.

Today one of our most important goals is to remind our members that the Cooperative is more than just a utility that provides electricity. The Cooperative exists because of involvement and concern of its members. Conducting business the cooperative way — through the democratic process of one vote per member — has proven successful since its inception 45 years ago. Grassroots involvement and member action is the core of the rural electric program.

October  
Is  
Co-op Month.



## COOPERATIVES BUILDING A BETTER AMERICA

### August power bill

Cost of Purchased Power	\$197,645.00
Number of kWh's Purchased	5,227,200
Cost per kWh	.03781
Less Amount Covered by Base Rate	.037
Difference	.00081
Average Line Loss Factor	x .10
WPCA for kWh's used July 15 to August 15 payable with your September 15 bill.	.00089

# Is your heating system ready for winter?

Summer has zoomed right past us and most of us do not want to think about winter. Yet, it is time to get that source of heat ready. Although many heating systems are relatively maintenance free, others require a yearly checkup to get them ready for winter operation.

Read your owner's manual to help you understand your heating system. All belt-driven models should be checked for belt wear and proper tension. Oil the motor if your owner's manual directs you to do so. Caution: Do not over-oil. Vacuum the fan blades with care. On fossil fuel furnaces, check all flues and chimneys for leaves and bird nests. Check brick and rock chimneys for faulty mortar joints and cracks. Make sure ignitable items such as clothing, cobwebs and paper are not too close to flues. Check supply and return openings to be sure they are not blocked or closed.

All central air systems have filters in the return air duct. These should be changed before startup and regularly cleaned or changed once a month.

Gas and oil furnace burners may need adjustment for proper flame and efficiency.

For wood and coal burning equipment be sure to inspect the grates, fireboxes and chimneys. Acquaint yourself with the danger of creosote deposits, especially in chimneys.

Individual room heaters should be vacuumed and turned on to burn off the dust. Do this with open doors and win-

dows to dispel the odor and possible irritation.

Heat pumps should be checked occasionally for proper amount of refrigerant. Also, cleaning the outdoor unit



regularly of leaves and grass is necessary.

If you do not feel that you have expertise in servicing your heating system and looking for possible hazards, we recommend that you have a competent serviceman go over your entire system at least once a year.

## Pole testing program

An important program that helps the Cooperative keep the kilowatt-hours flowing during adverse weather conditions is the pole testing and treatment program. It has been several years since we have utilized the services of Osmose Wood Preserving Company to test poles for soundness. However, the program will be resumed this fall in the areas served by the Millstadt Substation.

The Cooperative has hired the Osmose Company to test and treat approximately 1,000 poles this fall. Only poles 10 years or older will be tested. The procedure is as follows: Each pole is inspected visually from top to bottom. A hole about 18 inches deep is dug around the pole at ground level. The newly exposed area of the pole is sounded with a hammer and drilled to evaluate inside strength. External rotted wood is removed, and Osmose plastic is applied to the exposed area below the ground. A polyethylene moisture barrier is applied, the hole is backfilled, and a date tag is attached to the pole.

If the pole is not salvagable, the exact location is reported to the Cooperative so it may be replaced.

The pole treatment program is expected to extend pole life by more than 50 percent. In addition to economics, other related benefits include safety to the line crew and improved continuity of service to the members.

## SAVE ENERGY

Caulk and weatherstrip to seal off cracks around doors and windows.

## Electric Insulators Are Poor Targets!

Don't shoot at those glass or clay insulators that carry electric lines. Three people have been killed recently in Nebraska and one in South Dakota when the lines fell and electrocuted them.

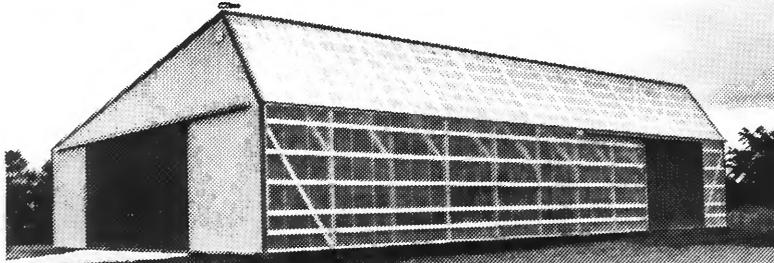
The interruption in electric service can be costly, too. Confined hogs and poultry have suffocated when ventilation has gone out.

The insulators are expensive to replace and the cost must be passed on to the members of the cooperative.



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and It May  
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Selected dealer territories available. Contact: Wick Buildings, Mazomanie, WI 53560 or Adair, IA 50002.

### Burning wood

(Continued from page 4)

- Inspect it for broken parts, or cracks in the joints or castings which make it unsafe.
- Correctly size the stove for the area to be heated.
- If it is equipped with fans or blowers, can the stove operate safely when the power is off?
- Does it have sturdy legs providing at least four inches (preferably eight to 18 inches) air space between the bottom and the floor? Legs less than four inches require additional protection for a combustible floor.
- Where you intend to install it?
- Do the air inlets close completely so no visible sign of light is present? If not, it will be difficult to extinguish a flue fire if one develops.
- Have the manufacturer's installation directions been followed, or local codes if more stringent?
- Has firebrick or sand been placed in the bottom and/or sides of the fire-box if suggested by the manufacturer?
- Is the floor non-combustible or has approved protection been added? A sheet of 24-gauge sheet metal over 1/4-inch asbestos millboard or a layer of four-inch-width brick with 24-gauge sheet metal underneath fit tightly into a frame offers suitable floor protection for most stoves with legs six inches or longer.
- Does the floor protector extend a minimum of 18 inches out from the front, sides and back of the stove? This distance is recommended for safe operation.
- Is a single-walled, radiant stove located at least 36 inches from an unprotected, combustible surface? This is the recommended minimum clearance set by the National Fire Protection Association (N.F.P.A.).
- Is a jacketed, circulating stove located at least 12 inches from an unprotected, combustible surface? This is the recommended minimum clearnace by the N.F.P.A.
- Is a screen provided on open-front stoves that exposes open flames to a room?
- Coal should not be burned in a stove unless it is approved for that use by the manufacturer.

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C. The Lighthouse Keeper's Daughter

A. The Toymaker

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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

618-939-7171

WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

The term "belt tightening" is commonly used by many of us as an expression of reducing costs. It is a term which is used daily as farmers face some of the toughest economic times in years and as unemployment seems to rise to new heights each month.

The same adversities that affect you, the member, face your Cooperative. We are seeing our members reduce the amount of electricity they use. In two of the last three years, the average kilowatt-hours consumed per member has decreased. In 1981, there were 3.2 million less kilowatt-hours of electricity consumed by Cooperative members than in 1980. This equated to approximately \$75,000 less operating revenue to the Cooperative.

Occasionally members suggest that we reduce our expenses so that, in turn, retail rates to members could be reduced. Sounds like a great idea, and in reality it should work. But, where do we start making cuts required to make a noticeable reduction in our electric rates?

First of all, there are some expenses over which we have little or no control, such as wholesale power, depreciation, taxes and interest paid. Combined, these expenses make up 81 percent of our operating costs. That leaves 19 percent for wages, operations, maintenance and all other expenses related to providing electric service to our members. Management is constantly analyzing these expenses for possible "belt tightening." If expenses are to be reduced they can only be done within this area representing less than one-fifth of our cost of providing electric service to the membership.

Where do we start? Do we lay off employees who have given years of service to the Cooperative? Who then does the job they have been doing or what happens when we need them in time of crisis to restore electric service over our nearly 1,000 miles of line? Do we curtail maintenance programs such as bad pole replacement even though we know that during a violent storm bad poles could multiply the number of major outages? Should we reduce right-of-way clearing and allow low-hanging tree limbs and brush to cause blinking and outages, not to mention the risk associated with tree limbs during ice or wind storms. Do we

further delay our vehicle replacement program even though we know keeping older equipment enhances chances of breakdown, always during the time of greatest need resulting in loss of time and money?

In summary, do we reduce, delay or cancel the employment of people and the financing of programs that make this Cooperative the dependable organization that it is? Do we jeopardize our continuity of service that our members so greatly rely on? I don't think so, nor do I believe our members do either.

The small amount we would be saving in our electric bills would be too great a price to pay for the deteriorating service that it would be buying. I assure you that the Cooperative is "tightening its belt" in the areas where it is justifiable, but not at the expense of system maintenance or a reliable continuity of electric service to its members.

## September power bill

Cost of Purchased Power	161,385.00
Number of kWh's Purchased	4,213,800
Cost Per kWh	.0383
Less Amount Covered by Base Rate	.037
Difference	.0013
Average Line Loss Factor	x .10
WPCA for kWh's used August 15 to September 15, payable with your October 15th bill	.00143

## Happy Thanksgiving



The Cooperative office will be closed Thursday and Friday, November 25 and 26, in observance of Thanksgiving.

# What's missing from this meter?

The seal is gone

## Meter seals are like locks

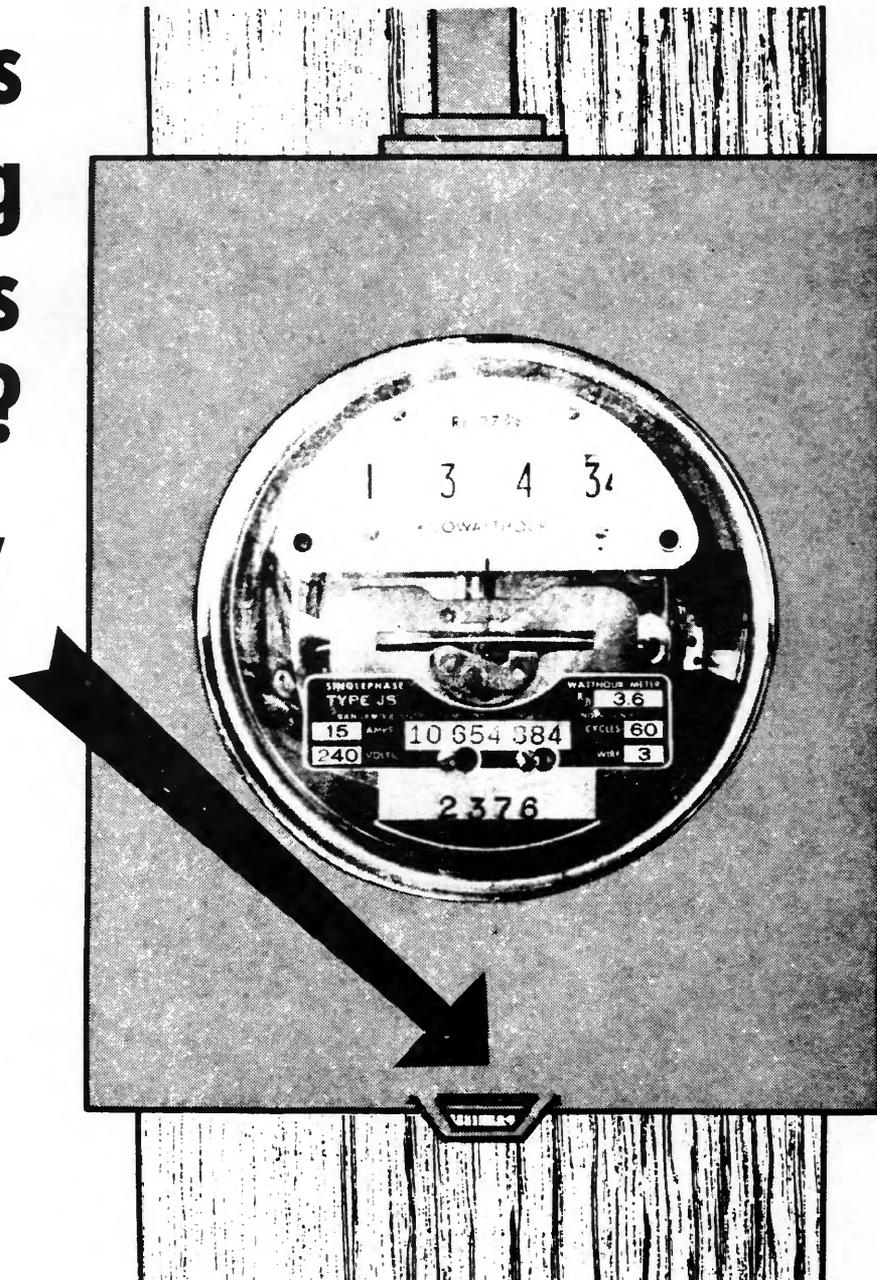
Seals which your Cooperative places on each of its electric meters are the same as the locks on your doors. Your Cooperative affixes these seals on meters to protect both the member-owner and the cooperative. Breaking the meter seal is the same as breaking a door lock, an illegal entry. AND, it is extremely dangerous to break a meter seal because wires located at the meter base are energized. Serious injury or electrocution could result if contact is made with these meter wires.

## Broken seals indicate tampering

When your Cooperative's personnel observe a meter without a seal or with a broken seal, they automatically suspect the seal has been broken for the purpose of removing the electric meter. Your Cooperative requires that special permission be obtained from the Cooperative's headquarters office before a meter seal can be broken. Therefore, your Cooperative must assume that a meter found without a seal has been tampered with.

## Honest members pay the bill

Your Cooperative is a nonprofit organization, owned and controlled by its local members. One member taking electricity without paying for it contributes to the overall increase in the



price of electricity for ALL members. Since your Cooperative purchases its electricity from a power supplier and passes it on to members through its distribution system, the membership actually pays the real cost of providing electric service. Honest members who pay for their own electric energy use also pay the electric bills of dishonest members who tamper with meters or take electricity fraudulently by sending in meter readings showing less kilowatt-hours than were actually used.

We believe that our members are honest. We need the help of the majority to police the small number of members who are not so honest. Any member who knows or learns of

someone taking electricity fraudulently or tampering with one of the Cooperative's electric meters in order to steal electricity should contact the Cooperative immediately so that the proper authorities can take action.

Under Illinois statutes, a person who knowingly tampers with their electric meter in order to steal electricity is subject to criminal prosecution.

## Notify your cooperative

If it becomes necessary for an electric meter to be removed, such as during initial hook-up of the safety disconnect below the meter or because of necessary wiring changes, you are responsible for notifying your Cooperative in advance.

# Holidays make scents!

## FRUIT NUT STUFFING

- 1 1/2 cups hot water
- 1/4 cup margarine, cut in pieces
- 1 pkg. (6 oz.) chicken flavor stuffing mix
- 1/4 cup raisins
- 1 apple, peeled, cored and coarsely grated
- 1/4 cup walnuts or pecans

Combine hot water, margarine, contents of seasoning packet and raisins in 1 qt. baking dish, stirring until melted. Add stuffing crumbs and stir just to moisten. Stir in apples and nuts. Cover and bake at 325 degrees for 45 minutes.

## CORNBREAD SAUSAGE STUFFING

- 1/2 lb. bulk sausage
- 1 1/2 cups hot water
- 1 pkg. (6 oz.) cornbread stuffing mix

Break sausage into small pieces and brown well in skillet. Drain, reserve drippings. Add margarine to drippings, if necessary to make 3 tablespoons. Return to skillet. Add hot water and contents of vegetable/seasoning package to skillet. Add stuffing crumbs and stir to moisten. Mix in sausage. Spoon in 1 qt. baking dish, cover and bake at 325 degrees 30 minutes.

## PUMPKIN WHIP

- 1 pkg. (3 oz.) orange gelatin
- 1 cup boiling water
- 1 pkg. (4-serving) vanilla instant pudding and pie filling
- 1 cup cold milk
- 1/4 teaspoon pumpkin pie spice
- 1 envelope whipped topping mix
- 1 can (16 oz.) pumpkin finely chopped nuts

Secure a 2-inch wax paper collar to 1 qt. souffle dish. Dissolve gelatin in boiling water; cool. Prepare pudding mix with 1 cup milk as directed on package, beating only 1 minute. Blend in spice and cooled gelatin. Chill until slightly thickened. Prepare whipped topping mix as directed. Beat pudding mixture with hand beater or electric mixer until thick and fluffy. Blend in pumpkin; fold in whipped topping. Chill again until thickened, if necessary, and pour into souffle dish. Chill until set, about 3 hours. Remove paper collar and sprinkle sides with finely chopped nuts. Garnish with additional prepared whipped topping and sprinkle with additional pie spice, if desired.

## CRANBERRY PUDDING TARTS

- 1 pkg. (4-serving) pistachio instant pudding and pie mix
- 2 cups cold milk
- 6 or 7 individual commercial pastry shells in aluminum foil cups
- prepared whipped topping
- whole berry cranberry sauce

Prepare pie filling mix as directed on packet for pie, using 2 cups milk. Pour into tart shells. Chill. Top with prepared whipped topping, using pastry bag with star tip, if desired, and garnish with cranberry sauce.

## EGGPLANT CASSEROLE

- 1 large or 2 small eggplants
- 1/2 teaspoon salt
- dash of black pepper
- 2 cups canned tomatoes, drained
- 1/2 cup chopped onions
- 2 eggs, well beaten
- 2 cups cornbread crumbs
- 2 or 3 tablespoons margarine
- milk
- grated cheese

Peel and cut eggplant in cubes. Cook in water until tender. Drain thoroughly. Add salt and pepper to eggplant. Saute onion in margarine until soft. Mash tomatoes, mix with onion and combine with eggplant, beaten eggs and bread crumbs. Grease casserole pan, spoon in eggplant. Pour milk over the top until covered. Top with 1/2 cup grated cheese. Bake at 375 degrees until hot and bubbly all the way through.

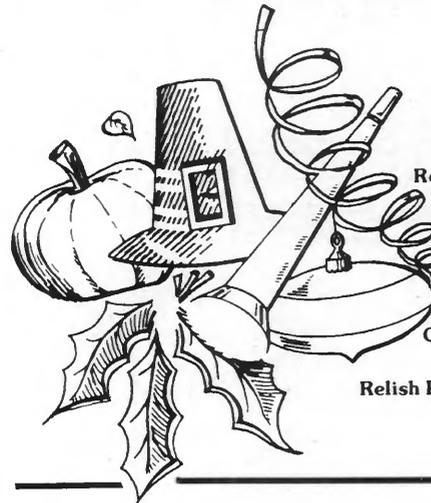
## CRANBERRY ORANGE RELISH

- 4 cups (1 lb.) fresh cranberries
- 2 oranges, quartered
- Put cranberries, quartered and seeded oranges with rind through a food chopper. Add sugar. Mix well, chill in refrigerator several hours before serving. Makes 1 quart and will keep for several weeks.
- 2 cups sugar
- 1/2 cup nuts, chopped, if desired

## DROP PEANUT BUTTER COOKIES

- 2 cups sifted flour
- 1 teaspoon soda
- 1 teaspoon baking powder
- 1/2 teaspoon salt
- 1 cup shortening
- 1 cup peanut butter
- 1 1/4 cups firmly-packed brown sugar
- 3 eggs
- 1 teaspoon vanilla
- 1 cup granulated sugar

Sift flour, measure and sift again with salt, soda and baking powder. Blend shortening and peanut butter until smooth. Add sugar gradually, beating until creamy. Add eggs 1 at a time beating well after each addition. Add vanilla. Blend in flour. Mix until smooth. Drop from teaspoon onto greased cookie sheet. Bake at 375 degrees for 8-10 minutes. Makes 8 dozen.



## MENU

- Roast Turkey
- Fruit Nut Stuffing
- Cornbread Sausage Stuffing
- Creamed White Onions
- Broccoli Spears
- Warmed Dinner Rolls
- Pumpkin Whip
- Cranberry Pudding Tarts
- Hot Mulled Cider

Relish Platter or Waldorf Salad

## TUNA DIP

- 1/2 cup sour cream
- 1 7-oz. can tuna, drained and rinsed off
- 1 tablespoon horseradish
- 1 teaspoon Worcestershire sauce
- 1 8-oz. pkg. cream cheese, broken in pieces
- 1/2 teaspoon salt
- onion, if desired
- dash of pepper
- dash of garlic salt
- 1/2 teaspoon Accent

Mix in blender (or mix with mixer) until smooth. Chill 2 hours. Yields 3 cups.

## FRUIT PIE

- 1 can Eagle Brand milk
- 1/2 cup lemon juice
- 1 small can crushed pineapple, drained
- 1 can peaches, sliced
- 1/2 cup nuts
- 1/2 cup coconut
- 1 can Mandarin oranges
- 9 oz. non-dairy whipped topping

Mix and pour into graham cracker crust. Put in refrigerator for several hours until firm or overnight.

## ORANGE PECAN PIE

- 1 cup light corn syrup
- 1/4 cup melted butter
- 1/4 cup sugar
- 1 cup chopped pecans
- 1 tablespoon orange juice
- 1 tablespoon orange rind, grated
- 3 eggs, beaten
- 1/2 teaspoon salt
- 1 unbaked 9-inch pastry shell

Combine first 8 ingredients in a medium mixing bowl; mix well. Pour into pastry shell. Bake 45 minutes in 350 degree oven.

## BUTTERMILK COCONUT PIE

- 4 eggs
- 2 cups sugar
- 1 stick butter or margarine, melted
- 9 tablespoons buttermilk
- 1 cup coconut
- unbaked pie shell

Mix together. Put in unbaked pie shell and bake at 350 degrees for 30-45 minutes.

## PLUM CAKE

- 2 cups sugar
- 1 cup oil
- 3 eggs
- 2 jars baby plum pudding
- 1 teaspoon cloves
- 1 teaspoon cinnamon
- dash of salt
- 2 cups self-rising flour
- 1 cup nuts, chopped

Cream sugar and oil, add eggs one at a time, beating well after each. Add pudding. Sift flour, cloves and cinnamon together. Add to creamed sugar. Dredge nuts in 2 tablespoons flour mixture, then add to mixture. Bake in well greased and floured pan for about 50 minutes.

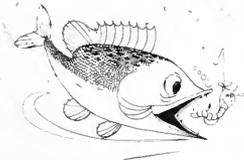
## Glaze:

Spread plum jelly over warm cake or mix together 1 cup powdered sugar and enough lemon juice to taste. Spread over warm cake.

## AMBROSIA

Peel and remove membrane from 1/2-dozen oranges. Cut into small pieces. Add 1/2 cup fresh grated coconut and small amount of sugar. Let stand for several hours before serving.

# Lake of Egypt



## fish limits

The board of directors of Southern Illinois Power Cooperative has voted to set limits on the number of fish taken from the Lake of Egypt. While fishermen could previously keep all the crappie they pulled from the lake, the limit is now 30 per fisherman per day, and bass less than 14 inches in length must be returned to the lake.

Fishermen wishing to try their luck in the Lake of Egypt may buy boat stickers at three locations. The Pyramid Acres, Egyptian Hills and Lake of Egypt marinas all sell them. An annual sticker costs \$25, and seasonal permits go for \$2 per day.

Maximum length for hull boats on the lake is 20 feet, while pontoon boats 28 feet or less are permitted. There is no minimum. Boats equipped with kitchens or toilets are not permitted.

The lake boasts a ski area on the main body at the north end, and trout lines and jugging are prohibited in the ski area.

Of course, anglers need to have a current Illinois fishing license, and all provisions of the Illinois Boat Regulation and Safety Act are enforced on the lake.

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### Double-Acting Cylinders



3 1/2" bore x 24" stroke x 1 1/8" rod. Item #909324 ... \$115  
4" bore x 24" stroke x 1 3/4" rod. Can go UPS, welded type.  
Item #909424 ..... \$140  
4" bore x 24" stroke x 2" rod. Heavy duty. Item #909724 ..... \$150  
4 1/2" bore x 24" stroke x 2" rod. Item #909824 ..... \$179  
5" bore x 24" stroke x 2" rod. Item #909524 ... \$204

### New Engines



#### VERTICAL

3 1/2 HP Briggs, #7030 ..... \$95  
4 HP Briggs, #7040 ..... \$110  
5 HP Tecumseh, #7051 ..... \$125  
7 HP Tecumseh, #7070 ..... \$195  
11 HP Briggs, #7011 ..... \$229

#### HORIZONTAL

3 HP Briggs, #6030 ..... \$110  
5 HP Tecumseh, #6051 ..... \$130  
8 HP Tecumseh, #6081 ..... \$182  
8 HP Briggs, #6080 ..... \$198

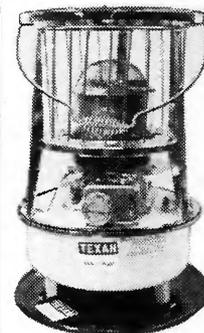
-Name brands, horizontal & vertical 3-18 HP

### Engine/Pump Combinations

-Includes engine, direct couple bracket, flex coupling, 2-stage pump.

5 HP Tecumseh & 11 GPM pump, #8050 ..... \$265  
5 HP Briggs & 13 Gpm pump, #8053 ..... \$290  
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### ORDER DESK

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# Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

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WATERLOO, ILLINOIS

## Across the manager's desk



Joseph J. Fellin  
Manager

The electricity which serves our homes, farms, and businesses differs in many ways from other items we purchase. Stop to consider a few of the characteristics of this vital commodity.

We cannot see electricity. We can only see the benefits of electricity at work — lights gleaming, heaters heating, motors driving machinery, water steaming, appliances working. In fact, we seldom notice electricity being used until something quits working. Although we don't see the power, we take it very much for granted until it stops its performance.

With all of this happening steadily and uninterruptedly, the supply does not diminish as does the fuel tank, wood pile, the winter's food supply or the hay in the hay loft. It's there for the using just by flipping the switch or plugging in the motor or convenient appliance we wish to energize.

Consider further that this power, which we never actually see and which does not diminish with use, cannot be stored. Electrical power is produced instantly, upon demand as we flip the switch or push the button to energize it. Whenever you energize an appliance at your home, that load is combined with every other load on our system creating a demand that is sensed at a generating station many miles away. This load is compensated for by huge generators which instantly produce the power required to meet the load placed on them. This all happens at the speed of light: 186,000 miles per second.

Now here's the other face of this invisible servant. We normally do not see the usage accumulate until we read the meter each month, and then it doesn't really register until we compute our electric bill. Add to this that we have purchased the electricity on credit. Unlike groceries and other necessities of life, electricity is used and the benefits normally forgotten by the time you figure your electric bill.

To help you monitor the electricity you use, we suggest you record your daily kilowatt-hour consumption for a one-month period. This will enable you to keep a close check on your daily functions and finding the activities which consume large amounts of electricity. You then can

take steps to remedy the situation. Use the meter monitor chart below.

I think you may be surprised at your findings. Try it!

### METER MONITOR CHART

END OF MONTH READING \_\_\_\_\_ KWH USAGE \_\_\_\_\_

AMOUNT OF BILL \_\_\_\_\_

Note: To obtain daily kWh usage subtract previous day's reading from current day's reading.

Daily Reading	kWh Used Daily	JOBS PERFORMED
1		
2		
3		
4		
5		
6		
7		
Weekly total		
8		
9		
10		
11		
12		
13		
14		
Weekly total		
15		
16		
17		
18		
19		
20		
21		
Weekly total		
22		
23		
24		
25		
26		
27		
28		
Weekly total		
29		
30		
31		
Extra Days Total		
MONTHLY TOTAL	→ <input type="text"/>	

# Thermostat locations and settings important

Thermostat location and settings are very important in the area of comfort conditioning and energy management.

Temperature settings vary with individuals, but most desire the temperature in their homes to be 72 degrees or more. The elderly and families with young children are most likely to keep their homes warmer than 70 degrees. We want to remind you that increasing the temperature in your home one degree will increase your operating costs by three percent. For example, keeping the temperature in your home at 75 degrees will cost you 15 percent more in energy costs, regardless of fuel used for home heating, than a temperature setting of 70 degrees. **SET BACK AND SAVE.**

Equally important is proper placement and mounting of your thermostat. Always mount a thermostat on an inside wall five feet from the floor. Keep the thermostat away from all direct heat and direct light sources. Heat from such sources will activate the sensing element and the temperature will not be controlled evenly.

Do not install the thermostat near duct work or piping in the wall. Eliminate any air infiltration in the wall area where the thermostat is mounted.

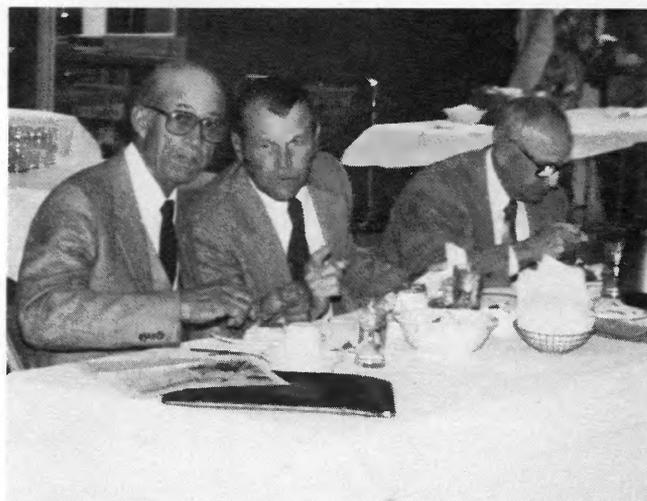
If these basic rules are followed, it will be easier to maintain proper comfort levels and manage energy consumption.

Better yet, fully insulate and weatherize your home for further comfort and savings.

## TEMPERATURE/COST RELATIONSHIP

1° = 3%

30% more	80°
27% more	79°
24% more	78°
21% more	77°
18% more	76°
15% more	75°
12% more	74°
9% more	73°
6% more	72°
3% more	71°
	70°



Monroe County Cooperative leaders Walter Stemler (left) and Robert Rippelmeyer discussing cooperatives at the Cooperative Month Dinner. Arlin Obst is at right.

## Monroe and St. Clair salute cooperatives

"Building A Better America" was the theme of a Cooperative Month Dinner held in late October. Young farmers and their wives were hosted by the various cooperatives in Monroe and St. Clair counties.

The program featured panel presentations by four cooperative leaders in the state: Harold Steele, President of the Illinois Farm Bureau, Glenn Webb, Chairman of Growmark, Inc., Walter Stemler, President St. Louis Mid-America Dairymen's Association, and Robert Rippelmeyer, President of the Association of Illinois Electric Cooperatives. Rippelmeyer is also President of your local Monroe County Electric Co-operative.

Steele explained the history of cooperatives and how they grew out of farmers' needs to improve income and quality of life. "Cooperatives have been successful," Steele said, "because of their dependability."

Webb explained the Growmark system and how it evolved. Webb emphasized that cooperatives were farmer owned, that cooperatives could do whatever farmers decide they want their cooperatives to do for them. "Cooperatives contribute to the profitability of agriculture," he stated.

Stemler explained the Mid-America Dairymen's Association and the services it provides to member farmers. "Mid-America's objective," he said, "is to guarantee a market for all the milk that members want to produce at the highest levels consistent with supply and demand."

Rippelmeyer told of electric cooperatives' pledge to provide adequate power at the lowest possible cost, and the difficulties electric cooperatives have in providing energy at competitive costs because of population densities and the number of services per mile of line. "The economic situation today is not helping the cooperatives' situations," he said.

Approximately 130 attended the dinner. Arlin Obst, Monroe County Extension Advisor, was master of ceremonies and St. Clair County Extension Advisor, Mike Hardiman, acted as moderator.

## October power bill

Cost of Purchased Power	\$ 149,292.43
Number of kWh's Purchased	3,945,600
Cost per kWh	.03784
Less Amount Covered by Base Rate	.037
Difference	.00084
Average Line Loss Factor	X .10
WPCA for kWh's used Sept. 15 to Oct. 15, payable with your November 15th bill.	.00092

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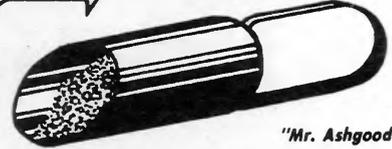
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## Protecting a valuable asset

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The financial security and all the things you've worked so hard for can be lost when an unexpected sickness or injury strikes. Think about it. If you were struck by a heart attack (or some other serious illness or accident), could you pay your medical bills and still manage to make ends meet without your income?

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