

ILLINOIS R^{EA} NEWS

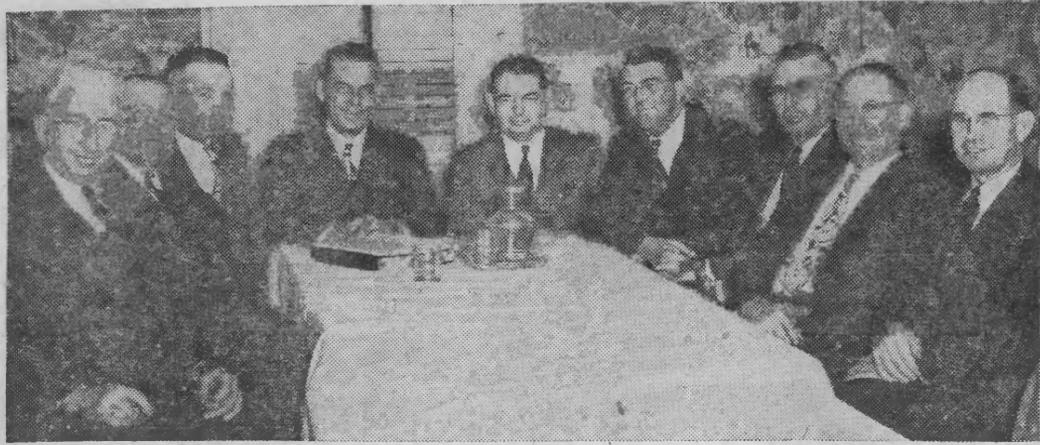
The Voice of 60,000 Members

VOL. 5. NO. 9.

JANUARY—1948

TWELVE PAGES

Power Shortage 'Grave'--Co-ops Urged To Prepare For Emergency



FIRST OFFICIAL PICTURE of the new board of directors of the State Association of Illinois Electric Cooperatives.

They are, left to right: J. Wesley Barth, Cisne; G. Wayne Welsh, Sciota; Carl Edwards, Windsor; State Coordinator A. E. Becker, Petersburg; President Edward P. Ohren, Pocahontas; Vice-President John Sargent, Rushville; Secretary-Treasurer Everett R. Read, Woodbine; W. L. Bradley, Omaha; and Raymond Pitchford, Nashville. Walter Risser, who was unable to be present when the picture was taken, is the only director not shown.

Delay Engineering Survey To Clarify 'Misunderstanding'

Feeling that some misunderstanding concerning the objectives of the proposed engineering survey to determine the feasibility of establishing a statewide power cooperative exists among several Illinois rural electric cooperatives, the State Association at its November 26 meeting, took the following action:

1. Appointment of a committee to determine as near as possible the exact cost of such a study, and 2. A request to REA to send one of its representatives to those co-ops which have not approved contributing towards the expense of the survey to clarify the purposes of the engineering research.

Although authorized in September at a meeting of representatives of 24 of 27 Illinois co-ops, to enter into a contract with an engineering firm, the statewide has since received word from several co-op boards of directors of their reluctance to share in the financing of the study.

Adams Electric Dedicates New 1000 KVA Substation

Justly proud of their new substation at Mt. Sterling, directors and personnel of Adams Electric Cooperative, Camp Point, braved cold weather and chill winds to mark the occasion of its completion with a dedication ceremony, November 22.

The honor of turning the switch which put the 1000 KVA substation to work for Adam Electric Co-op members, went to Roy McCaskill of Timewell. The substation feeds approximately 500 miles of line and some 1,200 farms in Brown and Schuyler counties.

Board President Roy L. Sharrow commenting on the dedication, recalled that eight years ago he had the honor of throwing the switch on the co-op's first substation. "We were then thinking of electricity for lights, but our thinking has undergone considerable changes since then as we have come to learn that electrical power is a servant which can perform hundreds of farm jobs.

"No one is more entitled to electricity than the farmer," Sharrow continued, "and it has proved to be a real blessing to him. Along with dedicating this substation we must

REA Financed Lines Bring Electricity to 2,000,000th

The 2,000,000th consumer was connected to power lines financed by the Rural Electrification Administration sometime last month.

The first consumer received service during the latter part of 1935, and REA-financed power systems passed the 1,000,000 consumer mark during August 1942.

To reach the 2,000,000th consumer, REA borrowers added one consumer every 21 seconds during every work-week so far this fiscal year.

As the REA construction program is spread over 46 States, Alaska and the Virgin Islands, it is not possible for REA to single out the 2,000,000th consumer. He may be one of several thousand. The odds are three to one that the 2,000,000th consumer will be a farmer, as approximately 75 percent of the consumers served by REA borrowers are farms, REA said, and the other 25 per cent comprise stores, schools, churches,

small rural industries and rural homes.

When REA was created in 1935, about 750,000 farms had central station electric service, which was a little more than 10 percent of the total number of farms in the

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Statewide Endorses Return TRIP to West

Because last April's tour to Spokane and California was acclaimed so enthusiastically, the board of directors of the State Association, is endorsing another western trip scheduled for September, 1948.

Although an itinerary has not been worked out, the committee appointed by the statewide to plan the route, assures that "all on board can look forward to many new and thrilling scenic delights."

Northern Pacific Railway has again been selected to provide chartered train accommodations and special tour services which helped make the April excursion such a memorable occasion.

Endorsing the trip for its "public relations value," the statewide extends a cordial invitation to all members of Illinois rural electric cooperatives to "come along on the trip west." Also invited are any friends of members who may wish to go.

REA Study Reveals Generation Barely Meeting Needs Now

Report Indicates Future Generating Capacity Will Fall Short of Demands

While progress on the state association's proposed engineering survey to determine the power situation in Illinois and what to do about it, stalled for want of support by several Illinois rural electric cooperatives, a report of a special committee of power specialists appointed by REA, describes the growing shortage of power as "extremely grave" and urges

rural electric cooperatives to take the following steps to meet the emergency.

1. Appraise their power needs for the present and years immediately ahead.

2. Determine from their wholesale power suppliers whether: (a) power is available in the required quantities at the delivery points needed; or (b) the suppliers have undertaken or will undertake concrete steps to meet power needs.

3. Undertake their own plans to meet their power needs in the absence of satisfactory guarantees from existing suppliers.

4. Advise REA promptly of their problems in order that it may plan ways which will make it possible to help.

COVERS 11 STATES

The committee's investigation covered 11 states which are believed to present typical power supply problems.

Summarizing its findings, the report said that in each of the 11 states, rural power shortages exist or impend. In addition, the committee said, the shortage is nationwide and that "it was deeply apprehensive lest rural areas, many of which were among the first to feel the power shortage, may be among the last to obtain relief." The lack of adequate power threatens to retard the progress of rural electrification, the report declared.

Although plans of Utilities for the expansion of generating capacity are extensive, the report said, "up until the present, orders for new capacity are scarcely meeting the increased demands. Taking into account the growing needs of the future, present plans of utilities appear to fall short. Moreover, actual installations of the new capacity are running considerably behind schedule."

While Illinois was not one of the states included in the study, the committee referred to "reports that power companies in Illinois and 10 other states, were considering rationing to cope with the power shortage."

Wickard Comments

In a statement accompanying the report, REA Administrator Claude R. Wickard declared that the nation faces a serious shortage of electrical power and that private concerns are failing to do enough about it.

"The power shortage in rural areas," he said, "gives evidence of becoming much more serious and widespread. For that reason REA borrowers who have not yet encountered difficulty, may be well advised to examine their own situation with a view toward taking whatever action is necessary and possible."

The administrator pointed out that the character of the nationwide power shortage carries special

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Asks For Signed Applications On Area-Wide Basis

The recommendation of T. E. Craddock that rural electric cooperatives secure signed applications for service on a full area coverage basis, was endorsed by the State Association of Illinois Electric Cooperatives at its November 26 meeting in Springfield.

Craddock, who is president of the National Rural Electric Cooperatives Association, in a letter to the statewide urged that cooperatives obtain the signed applications of those in their respective areas who wish electric service in order that the information may be presented to Congress in an appeal for additional loan authorizations to REA through a deficiency appropriation.

With applications for loans coming in at the rate of \$25 to \$30 million monthly, REA anticipates a deficiency of approximately \$345,000,000 by the end of the current fiscal year unless Congress makes further funds available.

Becker Comment

Commenting on the Craddock request, State Coordinator A. E. Becker, said while he was in Washington, D. C. recently, he learned that Illinois alone has a deficiency in loan funds to date of \$2 1/4 million. He also quoted Congressional Representative Everett M. Dirksen, who he said told him, that if the rural electric cooperatives presented a sound case, the deficiency appropriation would be made.

A report on the progress of the

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On The Air

McDonough Power Cooperative, Macomb, goes on the air January 1.

The cooperative will sponsor the 8:30 a. m. newscast every morning except Sunday over WKAI of Macomb.

According to Manager Arthur H. Peyton the one-minute spot commercial following each newscast will be changed daily and devoted to such topics as, meter reading, prompt payment of bills, cooperative news items, and others of interest to co-op members.

Laying Groundwork

Recognizing the value of a statewide newspaper in carrying on a public relations program among its state's rural electric cooperatives, the Indiana Statewide is laying the groundwork for such a publication.

To work up interest in a publication of its own, the Indiana Statewide is sending to each of its cooperatives a year's subscription to the Illinois REA News.



GOODBYE LOW VOLTAGE said the 1,200 Adam Electric Co-op members served by this new substation as Co-op Director Roy McCaskill of Timewell, threw the switch November 22 to start the current flowing. Looking on, left to right, George Logan, Rushville, Schuyler County AAA chairman, and directors, Lewis Barnes, Ursa; Glen C. Waner, La Prairie; Elmer Veihl, Adams; Roy L. Sharrow, Golden, president; George Vollbracht, Clayton; John Sargent, Rushville, vice president; Horner Myers, Camp Point, secretary-treasurer, and Manager Dean Searls.

William E. Murray, Editor
Kay Conlan, Assistant Editor

MANAGEMENT COMMITTEE

Everett R. Read, Woodbine, Ill., Chairman
Edward P. Ohren, Pocahontas, Ill.
John Sargent, Rushville, Ill.
A. E. Becker, Petersburg, Ill.

Entered as second-class matter October 28, 1946,
at the post office at Waterloo, Wisconsin, under
the Act of March 3, 1879.

Editorial Page

ILLINOIS REA NEWS

Published By
Association of Illinois Electric Cooperatives at Waterloo, Wisconsin
Members, per year, 60c Non-members, per year, \$1.00

Postmaster: In using Form 3578-P, always give our key number, and address to Publication Office,
122 South Sixth Street, Petersburg, Illinois.



EDITORIAL OFFICES:
122 South Sixth Street
Petersburg, Illinois

1317 North Third Street
Springfield, Illinois

A Vicious Weapon

One facet of the "attack" on rural electric cooperatives which seems to be currently gaining momentum, makes use of the cruel and invidious weapon, the LABEL. Those certain selfish interests in this country who would destroy rural electric co-ops, are trying to tag the label, "Communism" to co-ops. Their audacity is outrageous, but knowing mass psychology, they realize that there are millions of otherwise good, unstanding citizens in our nation, who find it much easier to "label" everything and everybody than to use the brains that God gave them. That's why propoganda can be so effective as proven to the sorrow of the world in countless European countries.

To cite one example, we tell of the business executive, a well-educated and highly respected citizen of his community, who vehemently denounced rural electric co-ops as "a bunch of communists" when he was discussing them with a friend of ours. Our friend did not let him get away with that rash accusation, however, and here is the little story which changed the executive's thinking:

Our friend asked the businessman if he would want the following job. "It's a position as a salesman," our friend said, "and the product you would be selling is done up in a very attractive package with fancy blue ribbons. It is called COMMUNISM. Your sales territory to which you would be assigned is not the metropolitan areas, but, instead, the rural areas of the country. Your job would be to sell the 'package of Communism' to the American farmer, the most rugged, independent individual on the face of the earth. Would you want the job?"

You guessed the answer. The businessman said he would not want the job. And anyone capable of the most elementary thinking, realizes that selling democracy to Joe Stalin would be a cinch compared to selling communism to the American farmer.

Yet the suckers for such propoganda are added to the list everyday and these unthinking members of the public, who become infected with the dreadful germs of "labeling," add their voices to the vicious din.

No rural electric cooperative member can afford to feel that there is no longer any need for vigilance. That would be foolhardy and just what the enemies of electric co-ops hope for. From interpretations of trends today, it appears obvious that the obstacles to be surmounted in the future will be difficult ones and that co-ops can expect to encounter bitter opposition in their efforts to complete the job of rural electrification by bringing "the electric age" to the hundreds of thousands of farmers still patiently waiting for it.

Washington Report

By William S. Roberts

With January comes the second session of the 80th Congress meeting to pick up electric power bills at the same spots they were dropped last summer. Because it is the second session of the same Congress, hearings do not have to be resumed or repeated.

Among the electric power bills are some which have been under heavy attack for a long time.

Two of the bills carry hopes of the private utility industry for a return to the carefree days of the Insull era. Power Commission, charged last month that the bills sponsored by Rep. William J. Miller (Conn.), are an effort to turn over the nation's water resources to "unlimited private exploitation", and to free utilities from effective Federal regulation when selling power across state lines. The Miller bills were almost slipped out of committee during the first session of this Congress. Outstanding newspaper columnists who revealed the dangerous content of the bills started such a hue-and-cry of protest throughout the country that both bills were pulled back before any action was taken on them.

Even now the Federal Power Commission is reported to have invited members of the rich National Association of Electric Companies lobby in for a conference to "compromise" controversial portions of the bills.

Also still very much alive on the Congressional docket is H. R. 3036 by Rep. George A. Dondero (Mich.), which would require sale of Federal hydroelectric power at dam sites. The effect on rural electric systems would be to deny them direct access to low-cost hydroelectric power.

Even now the Federal Power Commission is reported to have invited members of the rich National Association of Electric Companies lobby in for a conference to "compromise" controversial portions of the bills.

One phase of the hearings on income tax revisions affecting non-profit organizations was closed last month. It was the hotly contested struggle over cooperative income tax exemptions. Quick action to

depreciation funds. Evidently Mr. Lewis doesn't expect to live to see the day when his REA loan is paid off, since he would allow no depreciation replacement funds to be set aside to maintain the system over the years.

None of this should be taken to mean that cooperatives can now sit back on their oars and relax their

vigilance. Far from it, one observer estimated that NTEA testimony before the House Ways and Means Committee would be worth \$3,000,000 in additional revenue to be used in fighting co-ops. Three million dollars can buy a lot of newspaper space, radio time, and pay for a galaxy of high-priced lobby talent as the taxation fight moves along.

Between the Poles

By Bill Murray

OHMIGOSH!!!

What is the younger generation coming to? Such embarrassment! Yes, we're talking about that fantastical 'magical typewriter' which marked the debut of this column last issue.

My father would have had me out in the shed for much less, but the psychiatrists have us modern parents scared to raise a finger to the kids because they might grow up to be an unpronounceable something. Let the kids express themselves—that's what they tell us parents today.

Psychiatrists, psychologists, pediatricians, (and you can throw in an optician for good measure) notwithstanding, we parents must draw the line somewhere. Well, I'll admit that I didn't drag the kid by the ear out to the shed (mainly because I don't own a shed and whatsmore, if I did, I'd think of an excuse for not doing so), but I gave him the dandiest lecture he ever heard.

"Editors cannot allow their sons to put stuff in the paper without first having the opportunity of reading said stuff"—that's one excerpt from my sermon. Here's another—"and where in the name of Richard J. Jones (it was a spontaneous lecture so I didn't have time to think up a better name) did you dream up that folderol about a 'magical typewriter?'"

So impressed by the seriousness of my admonition, my son remained, for the most part, as silent as a clam. When I became winded towards the conclusion of my "straight-from-the-shoulder" talk, he whimpered an explanation which sounded much like "glub, glub." Of course, one cannot expect too much articulation from a two-year-old boy, or was I soft-hearted?

My stern approach showed no traces of relenting until I had him sign a very legal sounding document to the effect that hereinafter he would submit all articles for publication to his father before said articles were published — I made that last part clearly understood to avoid in the future any recurrence of "the fantasy" of last month's column. And as an added precaution, we mutually agreed that to spare any confusion among our readers, he would add "Jr." following his name, Bill Murray, which, he had a perfect and legal right to use as he did last month (he pointed out this fact to me saying that the laws of the state and nation stand unequivocally behind him—the boy's grandfather is a lawyer, that's where he gets it from).

As matters now stand, we can

assure our readers there will be no further cause for confusion. Since my two-year-old son was so sporting about the whole thing, I do believe that it would be unfair of me not to be just as sporting and include one of the comments which his "whimsy" evoked, particularly since it is in the form of a very clever poem from Adams Electric Cooperative. So that the poem may be fully understood, it should be mentioned that the co-op received from us last month a request that its news column reach our office by the 15th of each month.

A Magic Typewriter — What next?

We must put it to a test. This we admit, we just can't fathom, If true, it's the greatest discovery since the Atom.

Since our REA Editor said it works for him, Our dreams of "Happy days" are not so dim.

This little machine that never "Talks back"

Even tho' sometimes we are on the wrong track.

Must now be replaced by this magic of Pearl,

Provided of course we can convince Mr. Searls.

What must we do to obtain the key, To this magic gadget that works miraculously.

No more worry of what—to say

Our "Frozen" notes we will cast away,

The co-op column goes out—Today.

Our New Years Resolutions still are few,

Eut there is one thing we do promise you.

If you provide us with rules for this magic machine,

We'll send you our copy promptly on the FIFTEENTH.

REA FINANCED—

(From Page One)

country. Now almost 3,500,000, more than 60 percent, are served by REA borrowers and commercial utility companies.

Bigger Gains

With more than 4,000,000 rural establishments, including approximately 2,280,000 farms, still awaiting central station service, the rate of REA-financed construction is expected to show a still further gain next year if the materials situation continues to improve during the next few months.

Commenting on the progress of the program to date, REA Administrator Claude R. Wickard said:

"Passing of so conspicuous a milestone on the path to our ultimate goal of adequate, low-cost power for every possible farm in

this country is a mark of progress for rural America. We commemorate this milestone knowing that there are many others who still want and need electric power for modern living.

"The fact that we have applications for about \$300,000,000 in loans with new applications being received at the rate of 20 million dollars a month speaks for the desire of the remaining unserved farmers for service and the great amount of unfinished work still ahead of us.

"No Grants"

"In reaching 2,000,000 consumers, no grants or subsidies have been used. REA does not own or operate any power lines. We have made loans to more than 1,000 independent local business groups, mostly cooperatives. They have built their own facilities with money borrowed from the Govern-

NEWS FROM Southwestern Electric Co-op

Greenville, Ill.

V. C. KALLAL, Manager

TELEPHONE NUMBERS

Bond County—Office, Greenville, Tel. 366. Office Hours: 8:00 A.M. to 5:00 P.M. except Sundays or Holidays. Before or after office hours, on Sundays, call: Paul G. Morgan, Greenville 796, or V. C. Kallal, Greenville 379.
Fayette County—Maurice Ketten, Vandalia 982.
Madison County—Ed. Barnes, Edwardsville 1087.

OPERATING STATISTICS

	October, 1947
Miles Energized	1,248.83
Revenue Per Mile	\$ 18.52
Total Connections	3,713
Density Per Mile	2.97
Average Bill	\$ 6.38
Average KWH Used	160.65
Percent Minimum Bills	23%
KWH Sold	580,252

	October, 1946
Miles Energized	1,050.93
Revenue Per Mile	\$ 19.45
Total Connections	3,282
Density Per Mile	3.22
Average Bill	\$ 6.14
Average KWH Used	145.45
Percent Minimum Bills	21%
KWH Sold	482,470

PLEASE CHECK

Your billing department reports that there are numerous errors on the bills the past few months. Most of these are minor errors in subtraction and in reading the amount due for a given number of kilowatt hours. Every mistake, even the smallest one, must be called to your attention by a card or letter. When several hundred members are guilty of mistakes, this makes a tremendous and costly job. So it would be appreciated if you would be a little more careful in computing your bill. This will simplify the work of keeping your records in order at the cooperative office. We solicit your cooperation in this endeavor and hope that your record will improve.

It will soon be time to plan for your early chicks. Perhaps the brooder house may need some repair or maybe you plan to build a new one. Then, too, you will want to be sure that the electric brooder is in tip-top shape. Or if you have not used an electric brooder, you may want to investigate the advantages of brooding chicks electrically. Contact your neighbors who have used them successfully. Get them to tell you of the many advantages and the ease with which better, healthier and faster growing chicks can be grown.

We have received large quantities of heavy conductor during the past year. However, shipments of the small size have been more than disappointing. It is therefore a pleasant surprise when you learn of two shipments totaling enough pounds (55,000) to build approximately 70 miles of line. Even after the conductor is put in place, there will be another 20 miles or more of poles waiting for conductor. We have promise that more will be received in January. Some of the partially complete extensions may be held up by an interruption of the monthly allocation of transformers by our supplier. So it seems that a few of your neighbors who have waited so long for service may have their homes brightened by electric service before too long.

So far the total payments of all our borrowers have amounted to \$143,372,769."

REA loans to date total \$1,152,507,489, of which \$788,845,218 has been advanced to the borrowers. Almost 95 percent of the money advanced has been used to finance power lines, a little less than four per cent for generating plants, and about one per cent for wiring, plumbing and appliance installation loans.

Bidle Earns High Praise For Job At Safety Confab

At its meeting, November 26 in Springfield, the board of directors of the State Association of Illinois Electric Cooperatives, unanimously adopted a resolution commending D. B. Bidle, Illinois REA Job Training Supervisor, for "the outstanding job he performed as program chairman of the Rural Electrification Job Training and Safety Conference held in Washington, D. C., November 17 to 21.

The more than 150 safety and vocational instructors from 22 states attending the conference, heard some 25 speakers including REA leaders, safety engineers, U. S. Dept. of Education heads, educators, and others associated in the field of job training. In addition, the conference included a 20-hour intensified course in the latest techniques of job and safety training work.

The opening session was addressed by REA Administrator Claude R. Wickard who expressed concern for the number of accidents among REA cooperative employees.

Wickard pointed out that while REA made the greatest strides in its history during the last 12-month period, many rural electric co-op employees were injured. And, most unfortunately, the administrator said, 31 employees lost their lives in the line of duty.

Emphasizes Importance

Organized job training will enable co-ops to not only train their men to discharge their duties efficiently, but it will also train employees to do their jobs safely and thereby help eliminate accidents, Wickard added.

Following a similar theme, REA Management Division Chief Frank A. Dawes said "there is no finer work than training men to work safely." He expressed the hope that the day would come when no rural electric cooperative employee would have to lose his life in bringing electricity to rural America.

Representing Illinois cooperatives, A. E. Becker, manager of Menard Electric Cooperative, addressed the conference on "The Value of Employee Training To Management."

Becker described the history of the job training and safety program at Menard Co-op which pioneered in the field seven years ago. Becker emphasized that co-op directors and managers "must be sold" on the importance of a training and safety program and "must furnish active cooperation" if such a program is to be effective.

The special instructional course for safety supervisors was conducted by W. A. Ross, consultant, public service occupations, U. S. Office of Education.

Bidle was reelected to the program committee to plan next year's conference by unanimous vote. The conference will be held somewhere in the middle west.

52nd Session of Farmers Meeting For January 8, 9

The 52nd annual session of the Mason County Farmers' Institute will be held January 8 and 9 at the Mason City High School, Mason City. The institute is sponsored by county farm groups with the cooperation of the University of Illinois, College of Agriculture and extension service.

A full program of exhibits, talks by leaders of rural organizations, and entertainment is planned. Speakers will include, E. H. Lukenbill, superintendent of Logan County Schools, Ray V. Watson, Mason County farm adviser, H. L. Glenns, secretary, Illinois Fire Protection Districts, Miss C. Agnes Wilson, REA home economist, and Dr. W. E. Lenstrom, University of Illinois.

Some of the subjects which are to be discussed will be farm accounting, fertilization, preparation of frozen foods, and the reorganization of the state school system. A movie, "Frozen Foods," will be shown by Fred E. Darr of Menard Electric Cooperative, Petersburg.

When it comes to saving fuel for heating a farm home, a windbreak will be a real asset.

The average dairy cow is milked for five lactations before she is replaced with a young animal.

NEWS FROM Egyptian Co-op

Steelville, Illinois
R. S. HOLT, Mgr.

TELEPHONE NUMBERS

In case of an outage on your farm, check to see if your neighbors have service. If not call one of the following telephone numbers immediately and report any information you may have on the outage such as—Lightning, Storm, Strong Wind, Tree in Line, Broken Insulator, etc.
Murphysboro and Carbondale Area call:
Warehouse, Carbondale, 25-F-12.
Alvin Long, Murphysboro, 1166.
Richard Robinson, Carbondale, 26-F-5.
Dalton Metcalf, Carbondale, 720-K.
All other area call:
Main Office, Steelville, 68 Commercial.
John Shriver, Chester, 544-R.
Robert Huddleston, Steelville, 43-F-41.
R. S. Holt, Steelville, 30-R-3.

Many Changes In Farm Life Brought By Electricity

Ask a farmer who uses electricity in his farm operations what he thinks about it. Chances are he'll say: "Electricity is a money-maker; with it you can save work, save time; and cash-in on improved products in better markets."

Your cooperative has been in operation seven years 9 months and what a change that has made in the lives of many of you. Gone are the many old-fashioned, outmoded, inconvenient ways of doing your farm and home work. Gone are the days of doing your farm chores by the flickering light of a lantern. Gone is the job of trimming wicks or washing chimneys since REA is on the job.

On many farms there is no more lugging of water from the spring or riding a pump handle. No more running up and down the cellar steps dozens of times a day with the butter, cream, eggs or what have you, when an electric refrigerator is at your finger tips.

The men in the families where they have electric milking machines and electric separators are especially thankful these days when they are so busy with other work. Have you ever seen how successfully the electric fence works? Such a fence surely does the trick of keeping the stock in their places.

MANAGERS REPORT

A total of 15.47 miles of line was completed during November and 65 members were connected making a total of 3,097 members receiving service on 1,066 miles of line. We plan to complete 27 miles of line. We plan to complete 27 miles of line during December.

We hope to have completed the construction of our lines on Kaskaskia Island by the time you read this. Most of these people have been waiting a long time for electric service. Electric current to supply the farms on the Island will be purchased from a Missouri Cooperative.

Approved plans and specifications for the new warehouse and garage have been received from REA. We plan to make arrangements for getting the contract signed as soon as possible.

Plans are now being made to have 110 miles of our "H" and "L" section lines built by a contractor. If we get a favorable bid on this line it will speed up our construction program in the Murphysboro and Carbondale Area.

NEWS BRIEFS

On November 25, directors, employees and friends of the cooperative held their Thanksgiving and Christmas party. Glenn Wicklein, the fisherman from Evansville, brought in a big supply of fish for the party. Plenty of entertainment was provided by an orchestra. The high stepping linemen taught the girls a few new dance steps while the older crowd demonstrated the smooth steps of the waltz. We all enjoyed the party and are looking forward to another get-together.

Lois Meyer came floating into the office on Monday, November 17, with a new bright diamond on the third finger of her left hand. Don't know how she will be able to keep her mind on those books now. She has us all guessing when the big day will be.

Many of you keep your electric washers in the smoke house or on the porch. In cold weather the machines should be taken in the house or in some way be warmed up before starting. One way of doing this is to put warm water in the machine sometime before starting. In this way you will not put

too much load on your motor and possibly burn it up.

Carl H. Zoller, Vergennes, writes: "We have been wanting to write you for sometime to let you know how much we're enjoying electricity, and also how much we appreciate every courtesy shown us to speed up the newly constructed line. The best part of it is that my wife can now do her washing and ironing at home without going to somebody else's home to do it. Thank you very ever so much."

Mr. and Mrs. Adolph Schrieber, Red Bud, write: "We purchased a deep freeze box today. We already had a Frigidaire, pump water with electricity, electric brooder, electric room heater, electric fan, electric washer, electric iron, and electric ironer. I don't know what we would do without electricity. We use it when needed, but we never waste any. I know we will like our new deep freeze box.

Pay your bill before the 10th of the month and save the penalty. Electricity is your cheapest hired hand. Use it wisely and it will make money for you.

Your cooperative does not have a special electric stove rate. Our rates were designed to automatically give lower rates to all large users of electricity. The more you use the cheaper it gets.

We want to take this opportunity to wish everyone of you a most happy and prosperous New Year. We want to ask for your continued cooperation in paying your electric bills promptly. Outages when reported promptly will be taken care of immediately. Keep the brush cleared away from under your power line and don't let any hunters use the power line insulators for target practice.

MOTORS: We have a good supply of electric motors available in the office. See us as soon as possible if you are interested. Motor sizes one quarter to two horsepower. Our supply is limited.

NEWS FROM Jo-Carroll

Elizabeth, Ill.

FLOYD RUBLE, Mgr.

WELCOME NEW MEMBERS

Byron Edmonds, Galena; Victor Ricke, East Dubuque; R. S. Sandman, Hanover; James Havorka, Mt. Carroll; Leo E. Miller, Galena; Cecil Todd, Chadwick; Irvin Hoppe, Elizabeth; Wm. Heller, Galena; Jesse White, Galena; James F. Pearce, Galena; Philip Hefel, Galena; John J. Tippett, Galena; LeRoy R. Hirst, Galena; Charles Staver, Galena; John S. Mathis, Galena; Charles H. Smith, Galena.

John Heer, Elizabeth; Harry Wurster, Elizabeth; Meldon Temperly, Galena; Lawrence Temperly, Galena; Edward Klopff Jr., Elizabeth; Lehnd Brothers, Galena; Raymond Keleher, Galena; T. G. Becker, Galena; Earl Heller, Galena; Robert Martin, Elizabeth.

William Zaroff, Galena; Joseph Bauer, Galena; Wm. Loeffelholz, Galena; Louis Tranel, East Dubuque; Caroline Brudi, Mt. Carroll; Irvin Lingle, Elizabeth; Vincent Bray, Galena; Everett Eustice, Galena; Plum Grove School, Savanna.

These members have been served since July and we hope that with the "cutting in" of our new temporary sub-station at Council Hill that we will overcome some of the trouble caused by low voltage. This sub-station is to be used only till next spring by which time it is expected that the two new subs will be completed and you will be receiving your power from Dairyland Power Cooperative. Low voltage is a problem not only with this cooperative, but cooperatives all over the state. We are making every effort to correct the situation as much as we are able, and hope that you will bear with us.

HONOR ROLL

The first 25 members to pay their December bills were: Ivan McGinnis, Elizabeth; Benjamin Siegel, Apple River; Elmer Airhart, Savanna; A. T. Kingery, Lanark; Fred Law, Savanna; J. H. Airhart, Savanna; Albert Erner, East Dubuque; George Stine, Scales Mound; Arthur L. Meador, Lanark; Leo Klass, East Dubuque; Donald Irwin, Hanover; Russell C. Wills, Scales Mound; Glen Haas, Elizabeth; Frank Randecker, Elizabeth; John Miller, Jr., Massbach; Albert

and Delbert Haring, Elizabeth; Clem Schreck, Elizabeth; Gus Berlage, Elizabeth; Elmer Plosch, Elizabeth; Bernard Berlage, Elizabeth; Harold VandeDrink, Elizabeth; John Cole, Elizabeth; Ralph Groezinger, Elizabeth; Joe Ehredt, Hanover; and Harold Haring, Hanover.

PENALTY DATE CHANGED

At a recent meeting of the Board of Directors of your cooperative, it was deemed advisable to change the due date of your monthly statements from the 15th of the month to the 10th. Hereafter, unless your light bill is paid on or before the 10th of the month a 5 per cent penalty will be assessed against your account. Notice will be mailed of the delinquency, and if payment is not in the office on or before the 20th of that month, service will be disconnected without further notice.

ANNUAL MEETING

A good representation was present at the annual meeting of your cooperative which was held in Savanna, December 9. Look for the feature story which will appear elsewhere in this issue.

THANKS

We wish to express our thanks to Frank L. (Sam) Schreck for the aid he gave to our maintenance men during an outage several months ago. Mr. Schreck worked with our men several hours helping them remove a tree which had fallen over the line. Our thanks to all of you who called or telegraphed during the recent heavy snow storm to tell us where some specific trouble was. It saved us many hours of patrolling and enabled us to get the current on sooner, thereby saving you many extra hours of being without lights. We find everyday that more and more people are really getting the cooperative spirit, and that as you know is the true spirit of an organization such as ours.

VISITORS

Frank A. Dawes, head of the Management Division, and Mr. Harold A. Whittle, regional head of the Management Division at Washington, D. C., were visitors of your cooperative on December 2. Other visitors were J. T. Wright and D. D. Mohler, REA field engineers, and R. W. Reidelberger of the Applications and Loans Division.

AWARD WINNERS

The following is the list of winners of awards at our annual meeting: Silex coffee maker, E. A. Mielke; one gallon paint, John W. Groezinger; \$2 in trade, Clayton Dittmar; \$2 in trade, Mrs. Joe Dittmar; \$1 in trade, Mrs. Julius Dauphin; \$1 in trade, Mrs. Victor E. Dauphin; \$1 in trade, Lloyd R. Haas; \$1 in trade, Jay Sword; \$1 in trade, Mrs. Emery Preston; \$1 in trade, Clyde Ehredt; \$1 in trade, Mrs. Chester Law; \$1 in trade, Mrs. John Miller Jr.; \$1 in trade, Florence Brunner; \$1 in trade, Lawrence Getz; \$1 in trade, Victor Dauphin; \$1 in trade, Victor Dauphin Jr.; \$1 in trade, Harold Imel; \$1 in trade, Mrs. Sam Wurster; \$1 in trade, Lawrence Boothby; \$1 in trade, Elmer Airhart; \$1 in trade, J. Wallace Moore; \$1 in trade, John G. Wurster; \$1 in trade, Mrs. Harold Toepfer; \$1 in trade, Mrs. Fred Klopff.

NEWS FROM Western Illinois

Carthage, Ill.

L. C. MARVEL, Supt.

Meters Seldom Faulty As Recent Tests of 54 Show

There have been 54 meters charged out, due to increased usage. The meters that have been tested were found to be in the permissible percentage allowed by the Commerce Commission.

Before complaining about excessive consumption, please take into consideration the fact that the days are shorter and lights are on from four to six hours more each day than during the summer months. Also, take into consideration new equipment you have added, and increased use of any appliances you may have.

CLEARING BRUSH

We would like to call attention again to each member, as stated in last month's newsletter, if there is brush underneath the lines, especially the high hedge, that if it was cleared out, it would be a great help to cutting down line interruptions, and service being off for any length of time.

We had an unusual interruption in November due to lightning. The line was burned down in one place in the northwest part of the project, causing a long interruption, due to the fact that the trouble had to be tested in order to find what section the trouble was on. We would also appreciate it if

members would watch and see if they could identify any one shooting insulators along the lines. We found one that was shot off of the line, and was just discovered in time to prevent an interruption. This cooperation of the members will also prevent line interruptions.

MATERIAL SHIPMENTS

Material for "M" Section is still coming in very slowly, and we are just setting poles before the ground freezes too deep, and hope that the members who are signed on the new section will try and be patient until we can secure all of the materials, so that we will be able to secure a contractor to help complete the lines.

We would like to suggest that each member would try and economize on the use of electric service, due to the fact that our substation transformers are carrying a very heavy load, and from comments from various news letters, and articles, the substation transformers over the country are all getting over loaded to a certain extent, and that is the situation of this project until we can get increased transformer capacity. We are hoping to secure additional transformers for our present substation, in order to take care of the increased load.

ANNUAL MEETING

We would also like each member to keep in mind the annual meeting, on February 3, 1948, and try and attend, whereby they may receive reports of the operation of the Cooperative. We have secured a very good speaker, and we think you will be interested in knowing and hearing what he has to say. The nominating committee has been appointed, and will meet on January 10, to nominate the new board.

The books of the cooperative have been audited as of November 1, 1947, and have received a very good report.

L. E. Huff has been appointed wire inspector, and he will take care of the wiring inspection in the future.

Poultry flesh is 55 per cent water - eggs. The electric water system provides plenty of drinking water to promote maximum body growth and egg production. Birds that die represent a total loss of all feed they have consumed. Electricity helps prevent this by holding losses of chick and mature birds to a minimum through providing uniform heat in brooders, proper ventilation in poultry houses, running water for sanitation and by protecting the health of flocks in other ways. It also reduces egg losses due to spoilage between the nest and the market. Poultrymen using the electric de-beaker have reported complete elimination of cannibalism—the cause of many deaths among birds—and considerable feed savings.

The reading of the meters on the 29th of the month, and prompt return of the meter cards will continue to be appreciated.

NEW APPLIANCES

E. A. Filberth, hot water heater; Frank Jurgens, refrigerator; Harry Wright, Refrigerator; Scott R. Gordon, water heater; Hollie Dittmer, water heater and range; Wm. Ottosen, range, water heater, deep freeze, stoker; Lawrence Irish, electric range; Howard Aleshire, refrigerator, electric range and water heater; John Mitchell, range; Henry G. Ufkes, deep freeze and range; R. R. Hawkins, 65 gal. water heater; La Verne Pence, 52 gal. water heater; Raymond F. Pence, 50 gal. water heater and range; Fred Harrison, 52 gal. water heater.

NEW MEMBERS

Walter Nicloy, Bowen; Roy E. Griffiths, Bowen; School District No. 112, Carthage; Harold K. and Marie Hughes, Carthage; Rufus and Saranne Mabry, Carthage; Lynn E. and O'Dean Felgar, Hamilton; James E. and Osia O. Smith, Niota; George R. and Inza Fletcher, Lomax; Dean and Betty Franzen, Bowen; M. J. and Tjode Habben, Carthage; Ruth Heisler Thomas, Stronghurst; Lynn Blunt and Poe Cook Blunt, Augusta; Harold and Esther LaBonte, Bowen; M. H. and Margaret Parsons, Bowen; Roy J. and Edith P. Pierce, Bowen; Ralph and Dorothy Lee Dennis, Bowen; Comma and Stella McFarland, Bowen; Joe and Louise Beyerly, Bowen.

George and Bertha Ippensen, Bowen; M. A. Ketcham, Bowen; Del D. Hutson, Ellen Hutson, Dallas City; Bernhard Backer and Kate Backer, Carthage; Howard and Clara B. Winters, Augusta; Dale F. and Verna Rawhouser, Biggsville; Archie and Dolly Seymour, Biggsville; R. G. and Maxine Wilbur, Biggsville.

A very good meeting was held at the Farm Bureau Auditorium of the contractors over this area, pertaining to wiring of houses and discussion of wire specifications. There also was a very good attendance, and some very good discussions, which clarified a good many questions pertaining to adequate and correct wiring. Fred McVey and Everett Brown of REA Applications and loans division attended this meeting, and were very helpful in making this meeting a success.

Jo-Carroll Co-op Looking To Permanent Solution Of Power Problem In Spring

President Read Tells Annual Meeting Co-op Is Paying Highest Wholesale Rate of Any in Illinois; Past Year Described As 'Difficult'

Members of Jo-Carroll Electric Cooperative, Elizabeth, can look forward to an improvement in service and eventual reduction in rates when an assured source of power supply from Dairyland Power Cooperative of Wisconsin becomes a reality.

This is what their President, Everett R. Read told them at their annual meeting held in Lincoln School, Savanna, on December 9.

The president said that currently the co-op is paying the highest wholesale power rate of any of the 27 REA co-ops in the state averaging between 1.6 and 1.7 cents per kilowatt hour. "Though we do not expect any appreciable reduction in this rate at the offset under Dairyland, we expect that eventually we will be able to purchase power at about one cent a kilowatt."

Besides enabling the cooperative to make a better financial showing, the new source of supply will permit vastly improved service which is now hampered by periodic low voltage due to insufficient power, Read said.

The past year was described by the president as "a most difficult one for the cooperative which has been plagued by acute shortage of materials such as transformers and conductor. "At the very moment we have 150 miles of poles which we could start wiring tomorrow if we had the materials. This, of course, is not a good situation, but it is prevalent all over the state and country.

"Cooperatives generally are doing as much building as they possibly can under the existing conditions, but because of the lack of line building during the war and the present unprecedented demand for service, they have not been able to catch up with the backlog of applications."

Another serious problem faced by Jo-Carroll and other co-operatives is the wholesale power shortage. "We are overloading our substations by about 100 percent," Read pointed out, "but still we cannot provide sufficient power. In some instances, co-ops have had to cut off the lines because of inadequate power. Fortunately we have not had to do this nor do we believe we will."

The board of directors at practically every one of its meetings during the past year has been besieged by applicants who wanted to know why they were not getting electricity, Read said. Moreover, the board receives many letters from applicants who are still waiting.

The president said that the outlook for the coming year presented a much brighter picture. He pointed out that a new substation



MANAGER F. I. Ruble tells of problems.

would soon be put in operation at the north end of the system and would be fed by a temporary line until Spring by which time Dairyland is expected to have completed their transmission line to the cooperative.

Despite the difficulties being encountered by rural electric cooperatives, their record is one of exceptional progress Read emphasized. He said that 12 years ago at the beginning of REA, only one of 10 farms in the country had electricity while today three of every four farms are served.

"Electricity is the new hired hand on the farm. It has raised the farmers standard of living considerably. In addition, it has created a tremendous market for goods and has ushered in an age on which we are only on the threshold."

The president cited examples of what the future might bring in the way of electrical appliances including the heat pump, instantaneous electronic cooking, supersonic clothes cleaning, and elimination of weeds and insects through electrically powered devices. He added that electricity will play an increasingly important role in farming in the future and will thereby afford the farmer more and more leisure time.

Board Secretary Mrs. Berniece Moore urged cooperative members to lend their full support to assisting their neighbors in securing electricity. She also stressed that it was the duty of co-op members to become acquainted with the true facts about rural electrification cooperatives so that they may be prepared to answer unjustified attacks against co-ops.

Further, members should strive to keep informed as to the pro-



PRESIDENT Everett R. Read predicts improvements.

posed national and state legislation affecting cooperatives so that they may be able to voice their opinions intelligently to their elected representatives.

Mrs. Moore also announced a special award for each "switch clicker" submitted on meeting day by the women members. A refund of a dollar will be allowed on electricity bills to all those who handed in a "switch clicker" (a household hint) and by arrangement with the Illinois REA News, many of them will be published on the homemaker's page of future issues.

In his treasurer's report, Morris W. Brikbeck pointed out that the co-op has been allocated to date, \$746,000 of which \$539,000 has been advanced with the balance of \$207,000 being held by REA.

Current funds on hand for construction amount to \$213,229, which the treasurer said, will not cover all the applications for service, but that request for an additional allocation is expected to be made to REA in the near future.

Brikbeck reported that the cooperative's tax bill is increasing



ANNUAL MEETING keeps office personnel (left to right) Jack Ertnier, Arletta Potter, and Alice Biesmann busy registering Jo-Carroll members.



TWO MEMBERS of Glen Law orchestra who entertained at the meeting. Incidentally, the Glen Law musical group are Jo-Carroll co-op members.

each year and that during the past 12-month period the amount of taxes paid averaged \$3.42 per member. The taxes included payments to the county and to the state.

Manager F. I. Ruble told the meeting that farm members used 16 percent more electricity per month in 1947 than in 1946, while the increase in the average monthly bill was only 11 percent. The co-op as a whole used 30 percent more electricity in 1947 than in the previous year.

The manager described the shortage of power facing the co-op as one of its most difficult handicaps. Despite the requests of the management for conservation of electricity, Ruble said, the peak load at the substation rose from 492 in 1946 to 576 in 1947. The latter figure represents about a 100 percent

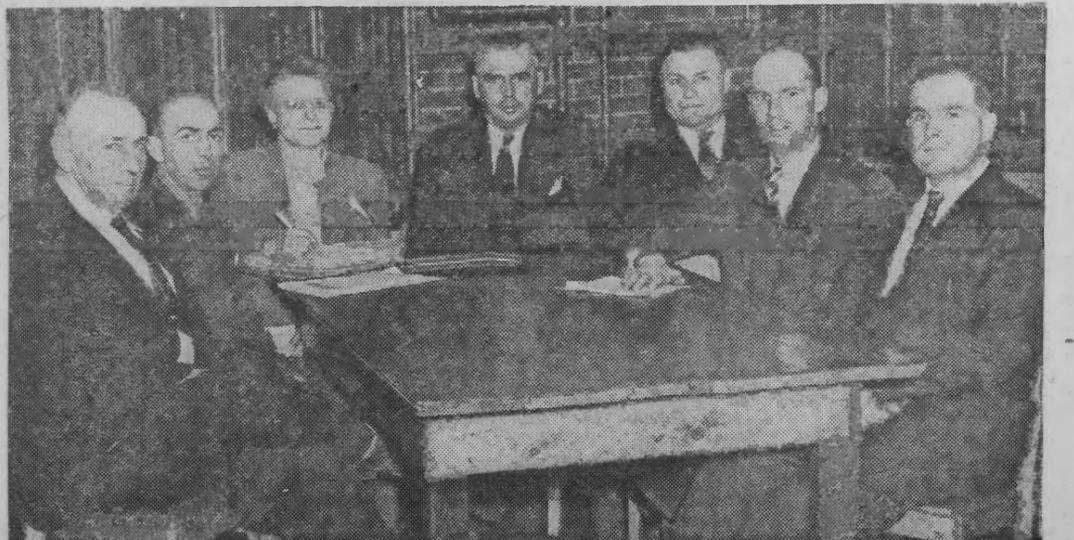
overload of the substation facilities. Ruble said that the board of directors had been "between two fires" during the past year trying to serve present members with adequate power while attempting to hook-on new members. He added that the management has been doing everything possible to meet the contingencies, and asked members to "bear with us" as improvements in service are looked for by Spring when the Dairyland Power Co-op line is expected to tie onto the system.

"The accomplishments during the last 12 months have been far less than we anticipated or hoped for. We had hoped by now to have a new source of power supply and two new substations in operation. When delay in obtaining vital ma-

(Turn to Page Five)



ONE OF the hardest working persons on annual meeting day is Secretary Mrs. Berniece Moore.



RE-ELECTED TO OFFICE was the entire Jo-Carroll Electric Co-op board of directors. Seven of them are, left to right, E. L. Dauphin, H. E. Adair, Mrs. Berniece Moore, secretary; Everett R. Read, president; Boyd Handel, vice president; Morris W. Brikbeck, treasurer; and Clayton Dittmar. Those not present, Henry G. Dittmar and Harry A. Stanger.

**NEWS FROM
Southern Illinois**
Dongola, Ill.
**GEORGE ENDICOTT,
Mgr.**

**Part of C. and M. Section
Recently Put in Operation**

It is with a great deal of pleasure that we can announce that a portion of our C or M section has been energized. The first line is the G4 Line from H. A. Keller's through the Moscow and Pizah School locality which was energized on December 15. The contractor has completed this line and has started work on the J1 taps,—that is, those taps east of Anna along Route 146—and it is hoped by the time the paper is received that this section of line will have been energized. There is sufficient wire on hand now to complete these two sections as well as the sections from Mt. Pleasant to Lick Creek and Lick Creek to Buncombe and from the Hall Church to Goreville.

The second car load of conductor for 65 miles of line is expected in any time and this is scheduled to be used on the extensions west from Lick Creek and south from Aldridge through Alexander County. Mr. Nash is now installing the service entrances and he is sufficiently ahead of the contractor not to cause any bottle-neck on the entrance installation.

We want to make special warning not to install any wire from the meter pole to the various buildings until after the contractor has put up the service wires as any wiring installed on the meter pole is subject to being cut down.

Any individuals that do not have all their wiring completed can make arrangements with Mr. Nash for the completion of this wiring or if they know of no other wireman to complete their wiring as in some cases the wireman who wired the buildings, is not now available and in these cases arrangements can be made with Mr. Nash or word left in the office so that we can send one of the group wireman out to complete the installation of the outside wiring.

Each individual section will be energized as it is completed and turned over to the cooperative by the engineer and the contractor as being completed.

SYSTEM CHANGES

The engineer has just submitted the complete system study for changes needed in our system to fit it up with the ultimate picture of the completion of the system. These changes entail some changes in the present line as well as the line which the contractor is now working. Those changes which can be made before the line is completed by the contractor, will be done by the cooperative so that they will be ready for the ultimate type of construction as needed at a later date. Work was started on December 12 on the changes on the line from Mt. Pleasant to Lick Creek which will ultimately be a feeder line from the Lick Creek sub-station.

D or P Sections

Of interest to members on the D or P Sections is that a bid date was December 16, for opening of bids on the P-Section. A bid date had been scheduled for December 2, but due to lack of contractors taking out specifications the bid date was postponed to the 16th.

It is hoped sufficient and low enough bids will be received so that the major part can be contracted out permitting the cooperative to have their own crews for the extension work and they can start on the reconversion work and do the routine work so that the greatest number of people can be served as quickly as possible.

Material is arriving each day for this section and sufficient material is now on hand for the contractor to start work at this time with the exception of transformers and conductor.

The cooperative is building all of the P-extensions that are less than two miles as shown on the pre-allotment maps which were received back from REA. Several of these extensions are ready for conductor and several have the poles delivered ready for setting just as quickly as weather conditions permit.

Providing satisfactory bids are

not received it will be necessary that the cooperative put on a extra construction crew to take care of the extra work and start work on the J-Section.

Equipment has been ordered for this extra crew which has been tentatively set to start shortly after the first of the year. The present crew has been built up to it's fullest strength and an additional truck secured to permit the fullest use of this construction crew.

It is the plan of the cooperative to start another maintenance crew and truck just as quickly as this can be secured so that we will be able to take care of the various trouble and maintenance work as the area now covered by one will be covered by two at a later date.

CLEARING PRESENT LINE

In order that the greatest number of employees can be released for regular construction work we are contracting for the brush clearing under our present line to members for clearing at their own convenience. We have ridden over the line and checked the type of clearing to be done and this has been set down on memorandum sheets for use of these individuals.

At the present time we have set up S. Hartman for west of Dongola on the B-Line, Ira Toler on the A-Line, George Aden on the G and C line to New Columbia and Reuben Maess from New Columbia on in the Massac County area. We are attempting to secure someone for the Pulaski County area and the J and K Line in Union County.

CLEARING ON THE P-SECTION

It is the plan of the cooperative to start a clearing crew to begin clearing of the P-Section just as quickly as we know what plans to make. This will be a crew of four or five under the supervision of one of the cooperative personnel with truck and equipment for this purpose.

We appreciate the cooperative which has been given our employees and other individuals working through the cooperative up to this time and we know that this cooperation will continue. We especially appreciate the cooperation given the individuals doing the clearing in helping them move and dispose of the brush. It is through cooperation of this type it is possible for us to make service available to the greatest number of people.

ELECTRICAL MERCHANDISE

The cooperative has just received a limited supply of refrigerators and ranges as well as small electric appliances. We have been supplied with a limited shipment of radios, irons, ironers, hot water heaters, and electric blankets. Special prices have been made available for members on these various items. On major appliances, we have a special arrangement whereby they will receive a patronage dividend above the actual cost of supplying these appliances at the end of the year.

We have a list of those members who have indicated their desires and as this merchandise arrives, we mail them a card and they have five days to either notify us that they desire this merchandise or they do not want it and then we mail a card on to the next name on the list. We, also, have a number of feed mills and motors which can be supplied for electric operation. We have these available in 1, 5, and 7½ H.P. sizes which will take care of any requirements from the smallest to the largest. Users are very enthusiastic of the savings in time as well as the economy of the operation of these motors.

RADIO CHANGES

We have made a recent change in the two-way radio on our project. As originally set up, we had the transmitter of the unit in the main office in Dongola and plans for one at the branch office in Massac County, with this thought it would have been required to have someone in Dongola to be here in the office all the time in order that this unit could be of the greatest value to the maintenance crews and this would have caused considerable inconvenience.

We now have a remote control in the office in Dongola and one, is being installed in the manager's house which will permit the maintenance crews to be in contact with the manager and mobile-to-mobile after the main office is closed. The one in the Massac County Office is

in the process of being installed at this time.

During the short time the radio has been installed it has been of inestimable value to the cooperative. The original idea that it would take approximately three years to have a savings to cover the cost of this unit has now been lowered to two years as our operations spread and become more complicated and we can take care of our needs with no increase in personnel or equipment. We feel that we will be able to take care of the maintenance work with about half of the maintenance units that would have been required without the radio.

ANNUAL MEETING

Plans have been made to hold the annual meeting at the Dongola High School Gymnasium on Saturday, February 21, 1948. A very interesting program is being planned and plans are being made for a large attendance so be sure your reservation cards are returned if you plan on attending as each lunch will be paid for by the individual that no reservation is made and it may be that no lunches will be available for those without reservations so please be sure and return your reservation cards.

FUSTATS

We have now added two more stores to our list which can supply you with the new fustats. They are Worthington Store at Roth Crossing and Dominges Store at Sandusky.

POWER SHORTAGE—

(From Page One)

significance insofar as REA borrowers are concerned. "Most power sources are fully loaded and borrowers have reason to be wary of firm power assurances that are given on the basis of power to be purchased from other sources which also may be fully loaded.

"There are also two other factors which should be taken into account in attempting to appraise the seriousness of the power situation at both the national and local levels. The first of these is the degree to which power suppliers are depending on reserve generating facilities that, under normal circumstances, would have been retired or, at most, used only in case of emergencies of short duration.

"In other words, it would appear that power company figures on dependable capacity might include many facilities of questionable operating ability.

"Also, it should be borne in mind that power production estimates are made on the basis of normal rainfall. Widespread drought conditions any time within the next few years would no doubt further contribute to the seriousness of the situation."

REA Chief Critical

Wickard referred critically to "the traditional lack of foresight which power company leaders have displayed in their estimate of the potentialities of rural electrification.

"We are all familiar with the statement made by Grover C. Neff, past president of the Edison Electric Institute, in 1935 that 'there are very few farms requiring electricity for major farm operations that are not now served.' The National Association of Electric Companies, March, 1946, statement that 'there will be a surplus of power' comes in the same class.

"Now, with power shortages appearing in every section of the country, Mr. Oakes, president of the EEI said that 'rumors' of an impending widespread shortage of electric power in the United States were unwarranted and untrue."

"So long as that kind of thinking dominates in power company circles, it is obvious that rural areas are going to be severely handicapped in their attempts to grow and develop on a scale comparable to that of the rest of the country.

"More than ever before, as the demand for food production continues to increase, adequate rural power is vital to the nation's farms—as well as to the nation as a whole."

Limiting grain in the ration for fattening steers slows down the rate formation to some extent and permits the building-up of more lean tissue in immature animals.

**NEWS FROM
McDonough
Power**

Macomb, Ill.

Arthur H. Peyton, Mgr.

**Receipt of Material
Enable Hooking-on 200**

During November, we have connected over 100 new consumers in the various sections of our project. We received sufficient transformers during this period to complete this service and it is expected that during the month of December, another 100 will have received service. The manufacturer has not set up a schedule for shipping during January at this writing. We will continue to do everything within our power to expedite the delivery of additional transformers.

ANNUAL MEETING

The tentative date for our annual meeting is February 19, 1948. You will all be notified by news letter sent out from your cooperative office of the details concerning our annual meeting. We want to make this annual meeting the biggest and best one we have ever had. To all new members who have been connected during the past year, the importance of this meeting cannot be stressed too highly. It is your cooperative; you, individually, have the same rights to vote and dictate the manner in which you want your cooperative managed. We have secured the services of a notable lecturer, Tenyson Guyer, D. D. Your directors and manager have had the privilege of hearing Dr. Guyer and we assure you that it will be a treat you will long remember.

CHRISTMAS PARTY

The employees and directors of your cooperative enjoyed a pot luck Christmas Party on the night of December 18. Turkey and ham and other good things to eat, far too numerous to mention in this short space, were enjoyed to the extent that all of our ladies present forgot their "figgers" and all the fellas felt like life was again worth living. Too bad Christmas Parties do not come each week.

TWO-WAY RADIOS

Your cooperative office is negotiating with the radio manufacturers in the installation of a two-way radio FM radio communication between the general office and our trucks. It is hoped to have this installation in operation prior to the season when we experience so many storms. This will facilitate the restoration of service in a shorter time, eliminating the inconveniences to our consumers. It makes it possible to maintain constant contact with our crews regardless of where they are working in our area. Crews, in turn, can talk to the office requesting assistance or additional materials without interrupting their work.

APPROVED APPLIANCES

It constantly comes to the attention of our office that appliances that are in use on the consumers premises are not approved for safety and economy of operation. We especially want to stress the popular item now on the market; such as, portable water heaters. Many of these items are not approved and for your own protection, you should always look on these items to see if it bears the stamp of the Laboratory Seal of Approval. Sometimes this seal appears on the cord only, which means that the cord is approved but not the appliance itself; therefore, always look for the seal of approval on both the cord and the appliance.

REPORTING TROUBLE

On December 7 we had a phase wire broken on our three phase, which resulted in a long interruption to many of our members and a large expense to your cooperative in finding the trouble. Undoubtedly, some member in the vicinity of this trouble noticed that this wire was broken. If you would have called us, collect, (remember, telephone Nos. 802, 1301, and 1022X, all

at Macomb), would probably have shortened this interruption. The necessary patrolling of this line and looking for this trouble cost your Cooperative \$42 to find this trouble. If some member would have called us, and informed us of this location, it would save your Cooperative \$30, which, in turn, is your money as each member is part owner of the cooperative.

New Equipment

We have replaced in our fleet an inadequate piece of mobile unit for a modern International one and a half ton line truck. This truck is completely equipped so that all operations necessary for construction or maintenance is available in one piece of equipment. This truck and its equipment will haul the pole, dig the hole, set the pole, string the wire, which makes it a complete construction unit within itself to expedite line construction and maintenance.

Know Your Employees

We want you to meet our oldest employee—Mrs. Helen Gillidette—who has served you so faithfully over the counter for so long. Mrs. Gillidette was the first office employee when we started the cooperative with so few members. She feels that after meeting all of you since the time you have made your approved application for service, continual billing, and receiving your checks each month, that you are individual acquaintances of hers. Her pleasant personality and willingness to help you in your problems is just showing the cooperative spirit which reflects our entire aims.

JO-CARROLL LOOKING—

(From Page Four)

terial for the substations made it evident that these stations would not be in operation to meet the fall and winter peak loads, we had to resort to emergency measures and by refitting our lines have been able to bring in to our substation in the north an additional source of power supply from our wholesaler. This will benefit those in the northern section of the system and we hope it will see us through the peak period. By Spring, we are counting on Dairyland to have reached us and thereby solving our power problem permanently.

The co-op is ordering a motorized toboggan capable of carrying two men and equipment over snow at a speed of 40 miles an hour, Ruble informed. "This may be the solution to prompt restoration of service following heavy snow storms, which has been delayed in the past until the roads could be opened.

The manager stressed the "danger of low voltage". He cited examples of several deaths caused by shocks from 120 volts. Quoting from a magazine article on the subject, he said, "that the current in a 10 watt bulb is eight to 10 times the amount of current sufficient to kill a human." Ruble emphasized that members "should not take any chances with 120 volts as it can kill you just as surely as 7,200 volts."

Arthur Smith, manager of Grant Electric Cooperative, Lancaster, Wis., explained the capital credits plan which was unanimously adopted. An address of welcome was given by Philip Jenks, president of the Savanna Chamber of Commerce.

The membership voted to adopt a resolution calling for staggering terms of directors. Beginning with the 1948 annual meeting, only three directors will be up for election each year.

The entire board of directors was reelected to office. They were: Everett R. Read, Boyd Handel, Morris W. Birkbeck, Mrs. Bernice Moore, E. L. Dauphin, Clayton Dittmar, H. E. Adair, Hasyr A. Stanger and Henry G. Dittmar.

Entertainment was furnished by the Glen Law orchestra and the Magical Wursters. Lunch was served in Savanna restaurants. Distribution of attendance awards concluded the meeting.

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Home-makers' Page

Edited by Kay Conlan

Ground Beef's Versatility Is A Big Help To The Present-Day Thrifty Homemaker

Provides Appetizing And Nutrition Needs Of Healthy Appetites

Making the meat budget stretch and at the same time providing healthy appetites with appetizing and nutritious meat requirements, is a problem which ground beef is helping to solve for many thrifty homemakers.

Attesting to the versatility of ground beef are the following tasteful combinations in which it plays a major role. And when used in such savory dishes as Ground Beef Steak Supreme, it can be served to the family often. This delicious ground beef "steak," cooked in a mushroom sauce, is one of those delightful top-of-the-stove dishes.

Ground Beef Steak Supreme

1 pound ground beef
 3/4 cup fine dry bread crumbs
 1 egg, beaten
 1 teaspoon salt
 3/4 teaspoon pepper
 3 tablespoons minced onion
 1/4 cup finely chopped celery

Mix one pound beef with 3/4 cup fine dry bread crumbs, one beaten egg, one teaspoon salt, 3/4 teaspoon pepper, three tablespoons minced onion and 1/4 cup finely chopped celery. Shape into an oval about one inch thick. Brown in a skillet in hot fat; carefully turning and browning other side. Pour over the meat one can mushroom soup which has been diluted with 1/2 cup water. Cook slowly in covered skillet for 25 minutes. Serve mushroom gravy over boiled or mashed potatoes.

And here are other rich-tasting examples of ground beef's versatility:

Baked Tomato Beef Balls

1 pound ground beef
 3/4 cup finely chopped onion
 1/4 cup finely chopped green pepper
 1 1/2 teaspoons salt
 3/4 teaspoon pepper
 1 teaspoon Worcestershire sauce
 1 cup crisp rice cereal
 1 egg

Combine beef with onion, green pepper, seasonings, rice cereal (or other crisp cereal), and beaten egg. Form into 10 balls. Roll balls in flour and brown in a little hot fat. Place balls in a large casserole and over them pour tomato soup which has been diluted with one can of hot water. Bake, covered, in a moderate oven, 350° F., for 45 minutes. Serves five.

Five-Layer Dinner

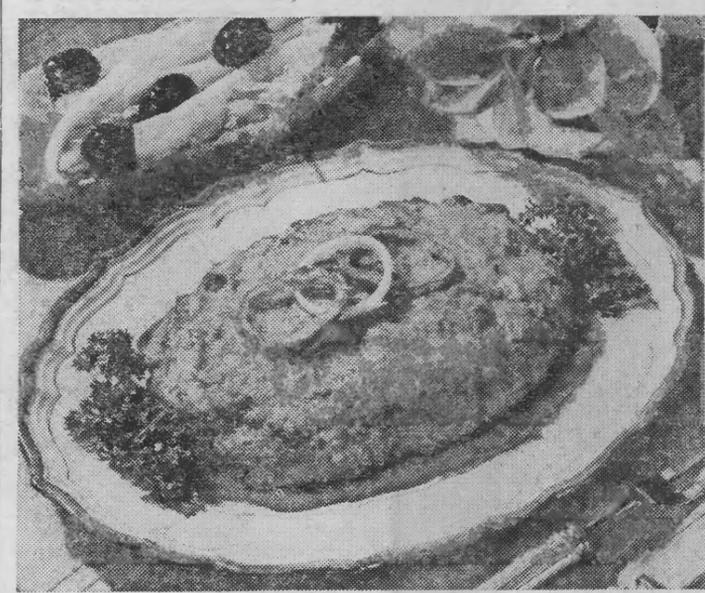
1 pound ground beef
 4 medium potatoes sliced
 1 medium onion sliced
 2 cups canned tomatoes
 1 small green pepper cut in rings
 2 teaspoons salt
 Pepper

Brown meat in small amount of beef suet. Arrange in layers in flat greased baking dish in the following order—meat, potatoes, tomatoes, green pepper and onion. Season each layer. Bake in a moderate oven (350° F.) for about one hour.

Beef Burgers With Spaghetti In Shells

1 1/2 pounds ground beef
 2 teaspoons salt
 3/4 cup chopped onion
 1/4 teaspoon pepper
 1/2 cup evaporated milk
 1/2 cup bread crumbs
 2 green peppers
 1 can spaghetti with tomato sauce
 3/4 cup water
 Salt and pepper to season
 1/2 cup grated American Cheese

Lightly mix ground beef, salt, pepper, onion, milk and bread crumbs. Form into eight patties about three-quarter inch thick. Cut green peppers lengthwise, remove seeds and cook in boiling water about five-seven minutes, or until tender but not limp. Heat spaghetti with water and salt and pepper to season. Fill green pepper shells with spaghetti. Top with grated cheese. Place patties on broiler rack four inches below unit and broil seven minutes. Turn patties and add filled green pepper shells to rack. Broil seven-eight minutes and serve immediately with individual tossed green salads. Makes



Here's an appetizing way of fitting ground beef into your menu. And it should help the budget, too.

four pepper shells, eight meat patties.

Chile Con Carne

1/2 pound chili or red kidney beans
 1 quart water
 3/4 pound suet
 1 onion, sliced
 3 garlic buttons, sliced
 1 pound ground beef
 Chili powder
 Paprika
 Salt

Soak the beans overnight, then cook in the same water until almost tender. Add more water if needed. In the meantime cut the suet into small pieces and fry it crisp, add the onion, garlic, and meat and cook for a few minutes. Add this mixture to the beans and season to taste with chili powder, paprika, and salt. Cook slowly for about one hour or until the mixture thickens. Stir occasionally to prevent sticking to the pan.

Potato-Hamburg Pinwheels

1 pound ground beef
 1 tablespoon minced onion
 1 egg
 1 teaspoon salt
 3 cups seasoned mashed potatoes

Mix ground beef, egg, onion, and salt. Place mashed potatoes between two pieces of waxed paper and pat or roll to about three-eighth inch thickness. Remove top waxed paper. Spread potato with meat mixture and roll up as for jelly roll. Chill. Cut in one-inch thick slices. Place on baking sheet and broil five to six minutes on each side or until well browned. Serves eight.

Ground Beef Broiled On Toast

6 to 8 slices of bread
 Fat
 Salt and pepper
 1 pound ground beef
 2 to 3 tablespoons top milk or undiluted evaporated milk

Toast the bread on one side. Spread the untoasted side lightly with fat and sprinkle with salt and pepper. Season the meat with salt and pepper and add the milk. Spread the meat mixture over the untoasted side of the bread slices, covering evenly to the very edge. Broil by direct heat, under a flame.

Combine ground beef, salt, and or a grill, for five to 10 minutes. Dot with fat, if desired. Serve hot.

Spanish Meat Sauce

1/2 pound ground beef
 3 tablespoons fat
 2 tablespoons chopped onion
 1/2 cup chopped celery
 2 tablespoons flour
 1 cup water
 2 tablespoons chopped green pepper
 1/2 teaspoon chili powder
 1/2 teaspoon salt
 1/4 teaspoon black pepper
 2 cups cooked tomatoes

Brown meat slightly in fat in heavy skillet. Add onion and celery and continue cooking until well browned. Add flour and blend. Add remaining ingredients. Simmer one

hour or longer. Serve over hot fluffy rice, noodles, or toast points.

Individual Stuffed Meat Cakes

1 pound ground beef
 1 1/2 teaspoons salt
 1 egg
 1/4 cup pickle relish
 2 tablespoons minced onion
 1/4 cup soft bread crumbs
 egg. Divide into six equal parts and flatten each into round patties one-quarter inch thick. Combine remaining ingredients. Place three meat patties on baking pan. Put one-third of dressing in center of each patty. Cover each with a second meat patty. Press together firmly. Bake in a hot oven (400° F.) about 20 minutes. Serves three.

Deviled Meat Loaf

1 pound ground beef
 1 cup soft bread crumbs
 3 tablespoons prepared mustard
 2 tablespoons horseradish
 1 tablespoon minced onion
 1 teaspoon salt
 1/4 teaspoon pepper
 1 beaten egg
 1/4 cup catsup

Combine all ingredients thoroughly. Place mixture in a quart casserole and shape into an oblong loaf. Bake at 350° F. for about 50 minutes, basting a couple of times with drippings.

Little Things Wear Out Fur Prematurely

It's the little things that wear out a fur coat. Such a small thing as carrying a handbag under the arm can produce a worn spot long before to show signs of real age.

The same sort of damage, of course, can be caused by carrying books against the coat, by wearing heavy jewelry at neck or wrist or by wearing hats that rub the collar. A silk scarf worn at the neck, however, will help to prevent soil as well as wear on the coat neckline.

It is an easy matter to unbutton a fur coat when you sit down and it will prevent much strain across shoulders and hips. These are the points where rips and worn spots are all too familiar.

Heat is one of the worst enemies of fur. For this reason fur coats should be stored in closets that are comparatively cool—not close to any radiators. Even when the fur gets wet, it should be hung in a cool, well-ventilated place while it dries. When it is dry, the fur can be shaken gently and brushed carefully with a soft brush.

Use old curling iron for handy glove stretcher before gloves are dry after washing.

Grain Saver

In order to help save grain, farmers are culling their poultry. This means that more poultry is available at present. Now, while it is in good supply, is the time to can and freeze it for the future—when supplies are likely to be lower.

Grain saved by the culling of flocks does much to relieve starvation and suffering in war-torn countries. Culling a chicken that is a non- or low-producer will save from four to five pounds of feed grain a month. In other words, as it takes only 15 pounds of cereal grain to feed a human being for one month, three or four hens eat enough to keep a needy person in cereal food.

By preserving the poultry that is culled, homemakers will do a great deal to aid in the food conservation program.

Wet Shoes Must Dry Properly To Preserve Leather

Shoes often suffer from wet weather. Once soaked, they may never look as well or fit as comfortably unless they are properly dried and cared for afterward.

Take off wet shoes as soon as possible. Leather is weak when wet. Wearing wet shoes may pull them out of shape and cause breaks or other damage. Stuff shoes with soft paper or absorbent cloth to take up moisture. Never use tension shoe trees because they may stretch the leather out of shape. Instead of drying the outside of shoes by rubbing, which may roughen the wet leather, pat with a soft cloth. When the inside moisture is absorbed, remove the stuffing and let shoes dry slowly away from heat. Fast drying with heat makes leather shrink, harden or crack.

As shoes dry, clean with saddle soap. Then with the hands rub in a little sulfonated castor oil, which can be had at drug stores. It keeps leather soft and pliable. Use only as much oil as the leather will absorb; otherwise, the shoes will be too greasy to take a polish. When shoes are soft and dry, polish with any good paste or cream. Two coats of polish may be needed to bring back the fresh new look to the leather.

Work or play shoes that do not need polishing may be softened and made to resist moisture by rubbing with beeswax, tallow, wool grease or petroleum jelly. Well-oiled shoes not only turn off moisture but also last longer. Outdoor work shoes or children's shoes which have hardened after getting wet may be softened by rubbing with warm—not hot—neat's foot oil or tallow. To make leather soles moisture-resistant, set shoes in a pan of just enough warm oil to cover the soles and let stand about 15 minutes. Never let oil get on rubber heels or soles because it rots rubber.

Suede shoes should be thoroughly dry before they are brushed or rubbed. Use a rubber sponge or stiff brush—never a wire brush because it may damage soft suede. After brushing, spread on liquid suede dressing in one direction; when dry, brush in opposite direction to lift the nap. If further treatment is needed to restore the appearance of suede shoes, have them "rebuffed" or "vaporized" at a shoe repair shop.

Helpful as these treatments are for wet shoes, prevention in the form of rubbers or overshoes is easier and better. Almost any handbag has enough room for a pair of toe rubbers for unexpected showers. In seasons of snow and slush, however, galoshes or boots are needed to save shoes.

New Remedy Is Invented For Cold Feet Sufferers

For the seven out of ten people who have trouble keeping their feet warm at night during cold weather, a new electrical appliance, designed to bring them relief—and longer, more restful sleep—has been invented and is now on the market.

An electric footwarmer is the answer to the prayers of the cold-footers. Placed between the top sheet and the first blanket, it maintains an even warmth of 105° F. to the foot of the bed throughout the night. This temperature was arrived at after exhaustive physiological tests showed that 105° was the optimum temperature for warming the feet without making them uncomfortably hot.

Cost of operating the new footwarmer will average about one-third of a cent per night. The 36 by 17 inch rough-finished sanforized cotton cover keeps the footwarmer in place at the foot of the bed. The water-proof, insulated wiring system is approved by Underwriters' Laboratories.

Guard Against Hidden Waste in Vegetables

If the family is to get the most in health value from food, the housewife must avoid not only the obvious waste which shows up in a full garbage pail, but also the more subtle waste of nutrients which results from keeping food improperly or too long.

Wrong storage of vegetables in the home results in considerable loss of nutrients. Vegetables such as peas, broccoli, cauliflower, lettuce, spinach, endive and kale lose vitamin C rapidly at room temperature—as they stand and wait on the kitchen table, for example, or are kept in an open bin in the kitchen. In the refrigerator the loss takes place much more slowly.

Use When Fresh

Keeping vegetables too long causes losses. Although vitamin A is not so easily lost as C, it will gradually disappear from green vegetables which are not used immediately. Lettuce loses vitamin A even when kept in the refrigerator, the rate of loss corresponding with the amount of wilting.

Leftover cooked vegetables also lose value as they stand. Although it is thrifty practice to save and use all leftover food, it is thrifter to plan so that vegetables will all be eaten at the meal with none left over. Vitamin C is lost in leftover foods kept in the refrigerator, the amount depending on the length of storage. Uncovered foods in the refrigerator lose more than covered foods.

Success Secret For Cooking Eggs Is Low and Even Heat

The secret of success in cooking eggs is low or moderate, even heat. Cooked at low heat, eggs are tender when done; at high heat they become tough and leathery. Egg and milk mixtures are likely to curdle at high heat.

When cooking eggs in water, have the water simmering but not boiling. When frying eggs, use a thick skillet and keep the heat low under the pan.

Cooking over water is an easy way to keep the heat low and even for sauces or other mixtures thickened with eggs. When cooking such mixtures on top of the stove, use a double boiler.

When baking custards or similar dishes, set the baking dish in a pan of water in a moderate oven. For cakes made with many eggs like sponge cake, have the oven moderate; for baked fruit whip or soufflé, have it low.

Warm foods should be allowed to cool before they are stored in an electric refrigerator.

Overheating shortens the life of an electric iron.

Patchwork Quilt Bedspread



More colorful than the flower it depicts, this sunflower pattern has petals of gay cotton prints. Each flower is set in a white square bordered by strips of dark cotton. A SELF-ADDRESSED, STAMPED envelope to Kay Conlan, Illinois REA News, Petersburg, Illinois, will bring you the direction leaflet for making this lovely patchwork quilt bedspread. Just ask for Sunflower Quilt.

It's Simple To Re-dye Light Colored Stockings To New Style Darker Shades

Darker stockings are in style for winter say the fashion experts. But what are you going to do with those pairs of nylon or rayon stockings that you already have on hand? They are too light, yet too good to throw away!

Re-dye them. It's easy to do, and is sure to be a success with both nylons and rayons.

First of all, buy a household dye that is made especially for hosiery. You may have to plan to combine two or more colors in order to get the shade you want. Remember that the original color of the hose will combine with the dye colors you choose. Experiment with one pair of hose until you get just the shade you want.

Strip Out Color

Sometimes you'll need to strip out the original color, before dyeing it. There is a special color remover for this. You'll want to use it if the stockings are uneven in color, if they are a color which will

not mix well with the new dye, or if you want to dye several different pairs exactly the same shade.

Another use for the color remover is in your experimental work. If you don't like the color you get after the stockings have dried, it's easy to remedy. Just strip out the color, change the "formula" in the dye pot, and start over again.

There are three important things to remember when you re-dye stockings. Follow the directions on the dye package carefully. Use a container that is large enough so the stockings aren't crowded. Be sure to use a smooth stirring rod, so the hosiery won't be snagged. Small round rods that are very smooth on the ends make good stirrers.

Crocheted Hat



Crocheted hats have never been more fashionable. The middle of winter is a good time to add a new, jaunty accessory to your wardrobe for its pep-up value. Make a new chapeau, a crocheted wool cloche of brown and gold with gold metallic thread accents. Trim the back with a big brown bow of grosgrain ribbon. Another smart style you can crochet is a wine wool hat with an off-the-face cuff edged in metallic thread and sporting two long wool tassels. A direction leaflet for crocheting the wool hats may be obtained free by sending a STAMPED, SELF-ADDRESSED envelope to Kay Conlan, Illinois REA News, Petersburg, Ill. Just ask for Crocheted Wool Hats.

Not All The Stories Of Carrots Are Myth

Don't think that all stories about the powers of carrots are myth. Perhaps you were disillusioned when you found that carrots didn't make your hair curl, but it really is true that they are such a good source of Vitamin A that eating them helps to preserve good eyesight. They have calcium and iron, too. But in cooking them, use only enough water to keep them from burning, or you'll be throwing all these nutrients down the sink, along with plenty of good flavor.

There are many ways to serve cooked carrots beside the old standby of carrots and peas. You'll like the taste combinations of lemon butter on carrots and of celery and carrots creamed together. You'll also like the full flavor of carrots baked whole and sprinkled with chopped mint. Carrot halves boiled and then glazed in melted brown sugar and butter and sprinkled with minced parsley are especially good eating.

As most people like them raw—to eat as they would popcorn, you'll add to the economy and attractiveness of your relish dish if you include lots of carrot sticks and carrot curls with your celery and olives. And don't forget to tuck some raw carrot sticks in the lunch boxes you're packing for the children. These crispy bites of raw carrots make the sandwiches taste better.

PATTERN LIST

Our sincere thanks go to Joan Cameron for her kind introduction of your new homemaker's editor in last month's issue. We, along with all of you homemakers extend our warmest wishes to Joan for continued success in her new position in Oklahoma.

Although the pattern list helped many of you solve the Christmas present problem this year, you may now want to do a little sewing, crocheting, and knitting for yourselves. The flood of requests for nearly all the patterns listed the last few months, assures us that many of you who have not ordered, some will want to do so. With such a great variety offered, we feel that there will be something of interest both to the beginner and the expert.

Order as many as you wish—all the patterns and leaflets are free. Just include a STAMPED, SELF-ADDRESSED envelope for every FOUR patterns you request and mail your request to Kay Conlan, Illinois REA News, Petersburg, Illinois. If possible make the self-addressed envelope of the larger size.

Ideas for Fun

- Knick-Knacks from Wax
- Bridal Showers
- Wedding Wishes
- Baby Showers

Toys

- Bunny Horse
- Lamb and Scottie
- Crocheted Cock Horse
- Crocheted Lamb
- Crocheted Pompon Cat and Kittens
- Crocheted Elephant and Scottie

Items to Knit

- Argyle Socks
- Cable Stitch Stocking Cap and Mittens
- Baby Carriage Cover, Bonnet, Cardigan
- Baby's Sacque and Kimono
- Shoulder Bag and Belt
- Men's Quartet
- Men's Wool Socks
- Muff, Bonnet; Beanie, Bag
- Skiing Mittens

Sweaters

- Little Boy's Sweater
- Little Girl's Sweater
- Little Girl's Pullover, Cardigan
- Tot's Cardigan
- Child's Coat Sweater
- Boy-Girl Companion Sweaters
- Girl's Sleeveless Slipon
- Man's Sleeveless Slipon
- Twin Sweaters

Items to Crochet

- Loop Stitch Moccasins (Mite Size)
- Men's Slippers and Scuffs
- Black and White Handbag
- Star-Studded Bedspread
- Red and White Potholders
- Eight-Point Star Doily
- Hat and Bag Set
- Ballet Slippers
- Blue Bedjacket
- Capitol Hill Bedspread
- Girl's Turban and Hat Set
- Dandy Dickey
- Girl's Hood and Mitts
- Lacy Curtains
- Sequin-Dotted Blouse
- Stocking Cap
- Striped Bed Socks
- Tailored Bedspread
- Vine and Trellis Afghan

Items to Sew

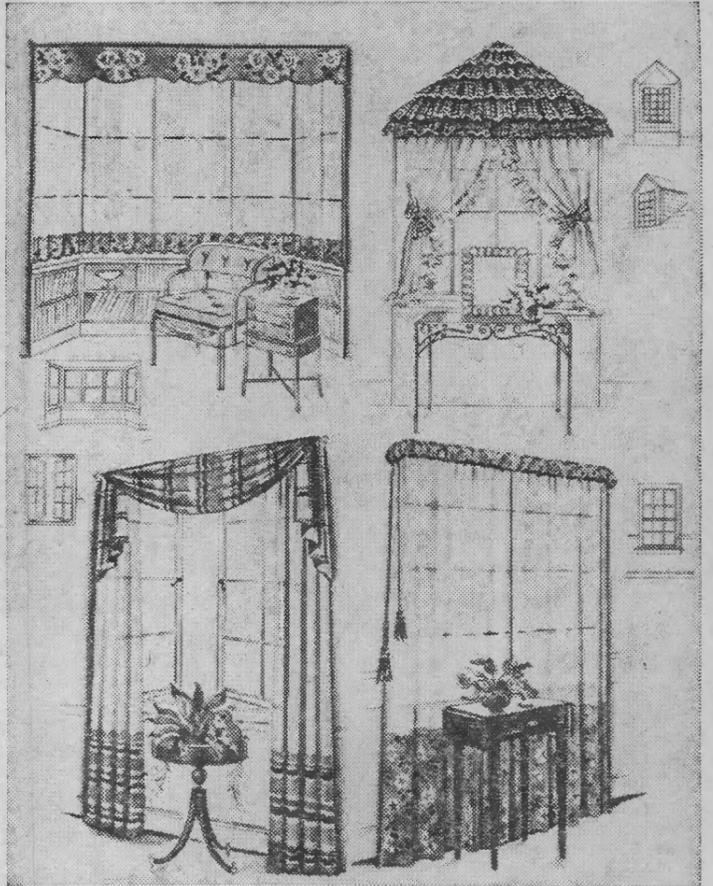
- Embroidered Handkerchiefs
- Embroidered Pillow
- Accessories
- Baby's Coverall Bib
- Drawstring Apron
- Belts of Felt
- Collar and Cuff Set
- Half Hat
- Overnight Bag
- Rose Place Set
- Tubular Jersey Dress
- Felt Shoulder Bag
- Peplum Evening Skirt
- Velveteen Bedroom Slippers

Helpful Hints

- Lengthening Skirts
- How to Wash Rayon
- How to Iron Rayon
- How to Buy Rayon
- Sewing Tips
- Color and You
- Sewing Success Secrets
- Trimmings for Children's Clothes
- Fabrics for Fashionable Sewing
- Good Grooming and Wardrobe Plan
- Fine points of Tailoring

A good height for placing the convenience outlet for the washer, electric iron, or ironer is about 40 inches from the floor.

Window Dressing Ideas



Here are some smart new window decoration tricks combining remnants of cretonne or figured cotton with sheer glass curtain material that even a beginner seamstress can manage.

Top left: It's easy to dress up a bay window by covering a valance board with floral fabric and using deep matching bands to give dramatic effect to sheer glass curtains.

Top right: A dormer window will look gay with a deep ruffled valance used over sheer tie-backs.

Bottom left: Sheer and solid fabrics co-star here to eliminate the need for glass curtains on a casement window. Bottom right: Draw-string curtain styled for sash-type windows give it a lavish draped effect. Cretonne co-stars dramatically with sheer fabric.

Helpful Hints

Dust hangs downward, so when you brush walls, brush up. That prevents smearing and streaking.

A short cut for making a cream sauce for an au gratin dish, if you are in a hurry, is to open a can of undiluted cream of mushroom soup and sprinkle in some grated cheese.

Rolling sausages in flour before frying will prevent their breaking.

Croutons, those neat little cubes made from enriched bread slices, may be toasted or fried in bacon drippings, to add extra flavor to soups.

Urge Group Action To Supply Doctors For Rural Illinois

Many rural sections of Illinois lack an adequate supply of doctors and hospitals, physicians attending the ninth annual meeting of the Illinois State Medical Society were told at Chicago recently.

At a conference, Dr. Harlan English of Danville made public the results of questions asked leaders of farm groups and medical students.

Most of the medical students said they would not consider beginning practice in a town of less than 10,000 persons. Many of the spokesmen for rural groups doubted whether farmers would be willing to tax themselves to establish hospitals where they are lacking.

Dr. English urged the house of delegates of the medical society to consider three steps to remedy the existing conditions:

1. Educate rural groups to foster interest in medical and nursing careers. In one county no young man had studied medicine over a 26-year period.
2. Consider grouping of poorer counties into areas capable of supporting hospitals without high taxation. Individual counties now cannot always support such an institution.
3. Explore the possibility of scholarship funds under the direction of medical and rural groups, either jointly or individually. Repayment of funds could be made over a number of years.

In Illinois, south of a line drawn

Cold Symptoms In Children Should Be Watched Carefully

Youngsters who have symptoms similar to those of a cold may be victims of one of the so-called "children's diseases," remind medical authorities, and they should be kept out of school and away from other children until the illness is diagnosed. Characteristics of some of the more common diseases are as follows:

Measles begins like a cold with running nose, sensitive or inflamed eyes and fever. The rash consists of small irregular groups of dull red, slightly raised spots about the third day. It usually appears first on the forehead and face, spreading rapidly over the entire body.

Chicken pox usually starts gradually and there may be mild fever. The rash usually appears on the second day as small raised pimples which soon are filled with clear fluid. These break out in successive crops most marked on trunk for the first few days. Scabs form later.

Scarlet fever often starts suddenly. Sore throat, headache, fever and, sometimes, vomiting may be early symptoms. In the beginning the eyes are not watery or congested as in measles. Unraised, bright red rash with evenly diffused fine spots usually appears in less than 48 hours on the neck and upper chest, later extending to the limbs. The surface layer of the skin usually peels later.

Mumps may develop slowly or suddenly with slight fever and nausea. Swelling which may be painful usually appears about the angle of the jaw and in front of the ear.

The periods of incubation or length of time between exposure and the development of symptoms for these diseases are: Measles: from seven to 18 days, usually 14; Chicken pox: 14 to 21 days; Scarlet Fever: two to seven days, usually three or four; Mumps four to 25 days, usually 18.

Daylight-type bulbs are handy for laundry rooms because they make it easier to detect spots and stains. Why buying a daylight-type bulb, get a size brighter than the ordinary bulb you would use.

through Springfield, there now are only 1,140 doctors, Dr. English said. Of these, 460 compares with about 10 times as many in proportion in the state north of Springfield.

**NEWS FROM
M.J.M. Co-op**
Carlinville, Ill.
A. C. BARNES, Mgr.

**TELEPHONE NUMBERS FOR
OUTAGE CALLS**

Office ————— Carlinville—136
Homer Virden ————— Carlinville—326-L
John Scroggins ————— Carlinville—577-Y
A. C. Barnes ————— Carlinville—565-L
Aerio Balestri — Hillsboro County—2005
Claud McAfee ————— Brighton—40

ATTENTION:
New members in Jersey County who live south and west of Fieldon in the vicinity of Otterville, Nutwood, Rose-dale and along the blacktop, place all trouble calls to Claud McAfee—Brighton—40.
Charles W. Witt, lineman, now lives in Herseyville to assist in giving attention to requests of members in Jersey County. As yet he does not have a telephone, but he can be reached at his home on Walnut street which is west and north of Jerseyville High School.
Cut out this list and keep it near your telephone or in your meter book. Check with your neighbors before calling to see if their lights are out. Then report that the line is out as well as your own lights.
YOUR COOPERATION SAVES YOUR COOPERATIVE!

Ordinary Outages Will Not Cause Frozen Food To Spoil

We have had numerous inquiries as to what procedure should be followed in preserving food which is in deep freeze in case of a long power interruption. We would assure our members that there is no reason for any great danger unless a serious interruption would be prolonged for several days. The ordinary short interruptions do not require any special attention to your deep freeze, except that it is our suggestion that you do not open the freezer anymore than is absolutely necessary during the time of the interruption.

The following questions have come to us and we quote another article on answering these questions:

How long after the power goes off should the dry ice be put in the freezer?

Answer: If the power goes off, your freezer box itself will have a certain amount of cold stored in its walls, coils and insulation. In addition, all the frozen food in it will contain stored cold. In order to find out how long the box will "hold" safely we must compute or estimate the amount of cold in it and also the rate at which the heat leaks through the walls into the box. To get at something specific, we must make some assumptions:

Let's assume: The box and its contents will be at zero when the power goes off. The air around the box will be 80 degrees. The freezer has four inches of insulation. A cubic foot of food weighs 40 pounds. Half full means 15 solid cubic feet of food in a 30 cubic foot box. The temperature inside the box must not rise to more than 24 degrees when the power is off. The box lid will be kept closed while the power is off.

Based on these assumptions the following table gives the approximate length of time two different popular sized boxes will hold below 24 degrees with different amounts of food in the box.

Hours For Freezer To Warm Up From 0 Degrees to 24 Degrees With Power Off

Amount of Food	16 cu. ft. box	30 cu. ft. box
Empty	5 hrs.	5 hrs.
1/4 full	15 hrs.	16 1/2 hrs.
1/2 full	23 hrs.	28 hrs.
3/4 full	29 hrs.	35 1/2 hrs.

Most foods will start thawing at temperatures below 32 degrees. The 24 degrees in the above table allows for a reasonably safe margin. The hours given indicate the time when dry ice should be put in the box if the power is still off.

Must the lid be opened a crack so the gas from the dry ice can escape?

Answer. It is not necessary to open the lid to let the carbon dioxide gas escape. Just unlatch the lid. The gas will get out. It will get out of front opening boxes with the doors closed. The carbon dioxide gas will not harm foods. In fact, it will help preserve them.

How much dry ice would be needed to hold a 30 cubic foot box two-thirds full of frozen foods?

Answer. The amount of dry ice needed to hold a freezer at 24 degrees under the conditions assumed is based on the heat passing through the walls of the freezer. The heat passed through the 16 cubic foot box is 343 Btu per hour. The dry ice needed, therefore, is



REA REPRESENTATIVES and officers of the Accountants Association are, seated, left to right: A. B. O'Donnell, J. J. Murphy, Harry D. Clarke, and Everett R. Brown, all of REA. Standing (left to right) Karl Backer, of REA, and Association officers, Harvey Schmidt, treasurer; Clara Thomas, president, and W. H. Alms, vice president.

**NEWS FROM
Rural Electric**

Divernon, Ill.
RALPH V. WHITE, Mgr.

Time To Begin Thinking of Annual Meeting Next Month

It is now time to begin thinking about your annual meeting, which will be held on Monday, February 2, 1948, at the Divernon High School, Divernon. Make your plans now to attend this important meeting where you can mix business with pleasure and gain both ways.

Your business for the day will include the full discussion on the capital credits plan, which, if adopted, will assure you of your full personal share in the ownership of your co-op as we pay off the REA loan. Reports will be made on the progress of your electric cooperative and also the election of three members to your Board of Directors will take place. Our committees are rounding out plans for a lively entertainment program. Good eats are in store for you and many valuable awards will be offered. You won't want to miss this annual meeting. Be sure to mark the date on your calendar, FEBRUARY 2, 1948. Come rain or shine, and bring your family.

BOARD MEMBERS

On February 2, 1948, the terms expire for three of your Board of Directors. These Directors are Lester Miller, Girard; Frank Caruthers, Waverly; and Clyde Deal, Pawnee. Lester has been serving you well ever since your co-op was organized while Frank and Clyde are rounding out their three-year terms on your board. All three of these men have had a great interest in your cooperative since its beginning and have worked faithfully and sincerely for your best interests. It has been a privilege and a great pleasure to work with these men and your manager wishes to take this opportunity to express his thanks and appreciation for the loyal support and cooperation that each of these men has given.

A nominating committee will be appointed in the near future to submit the names of candidates to be elected at your annual meeting.

billing work and other clerical duties. She was formerly employed in Springfield.

Melvin Holliday, son of Mr. and Mrs. Wm. Holliday who are members of this Cooperative, Palmyra, joined the office staff on November 1. Melvin is helping with the billing work. We are glad to have both of these new employees in our organization.

It was with much regret that Gracie Bettis, Billing Clerk, left us this month on a leave of absence. Gracie's pleasing smile and sunny disposition is missed in the office and we look forward to the time when she will be with us again.

If you so desire, candidates can also be nominated from the floor. It is your duty and privilege to attend your annual meeting and vote for the men you think best suited to carry on the policies and necessary work of your cooperative.

SHOOTING INSULATORS

Your electric cooperative has experienced several outages during the last two months due to hunters or vandals shooting the insulators along your electric lines. These acts not only greatly inconvenience and impair your electric service but also cost your co-op a lot of money in repairing the damage done. These broken insulators are hard to find and as a result plunge whole sections of line out of service and our members in total darkness. Just recently, we experienced several outages on one of our lines northwest of Waverly. After each interruption, the line was patrolled but nothing could be found that was causing the trouble. Finally, two broken insulators were discovered; apparently shot by someone who gave no thought of the inconveniences to you and to your co-op. Other electric cooperatives are also experiencing this same trouble and we are again asking your cooperation in reporting the names of anyone found damaging your lines in any way.

CLEARING BRUSH

We are happy to report that most of our members are keeping the brush and hedge cut away from our lines. In doing this they are performing a great service to their co-op. Any of our members who have not already done so will find this a good time to get this clearing done. They are not only paid with better electric service but they will also have the satisfaction of knowing that they have saved their co-op a lot of extra expense. So let's cooperate!

FIRE PRECAUTIONS

Before the weather gets too severe perhaps it might be a wise thing to eliminate all fire hazards around your place. Fires cost the farmers and rural people in our country more than \$200,000,000 each year and about 3,500 people are burned to death each year in farm and rural fires. Among the most common causes of fires are faulty flues, combustible roofs, lightning, matches and smoking and also the misuse of electricity. The elimination of the following hazards may keep you from having a disastrous fire this winter:

Keep basement and attic free from rubbish.

Check chimneys regularly for cracks—repoint chimneys and seal unused flue openings.

Use a fine mesh screen in front of fireplaces.

Use approved spark arrestors on chimneys.

Always use safety matches or keep common matches in metal boxes out of the reach of small children.

Keep an extra supply of fuses of the right size on hand.

Break match sticks and snuff out cigarettes and cigar stubs before throwing them away — or better still don't smoke the stuff.

**NEWS FROM
Wayne-White**

Fairfield, Ill.
OWEN J. CHANEY, Mgr.

TELEPHONE NUMBERS
In case of emergency call before 8:00 a. m. or after 5:00 p. m. call the following:

For Carmi, McLeansboro, Norris City and vicinity, call Chalon Carter, Phone No. 123, Norris City, or Everett Phillips, Phone No. 33 J, Norris City.
For all of Edwards County, all of Wayne County, Crossville, Calvin and Phillipstown, in White County, call Cloyd Musgrave, 60M, Norman Davis 18F21, Charles Mann 451M or Bill Fleming, 11F23, all of Fairfield.

Cooperative Marks 10th Year Of Service to Its Members

Ten successful years of brightening the lives of rural folks in Wayne, White, Edwards, Hamilton, and parts of Clay, Richland, Gallatin, Jefferson and Marion Counties was observed in November, 1947, by the Wayne White Counties Electric Cooperative. It was 10 years ago on that date that the newly organized Coop sent its first electricity through the power lines and into the homes of its charter members.

When it made its pioneer beginning, it had only 175 miles of line bringing electricity to 500 rural consumers. Today it has 1400 miles of line serving over 6000 rural consumers and has plans for doing a complete job of Rural Electrification, in this area, in the future.

At first electricity meant mostly good lights. Gradually, however, we've been finding additional jobs for it to do until today it is being put to a couple of hundred different uses up and down the power lines.

Electricity has not only brought joy and comfort to those living on farms that now have it, thanks to the Coops, but also it has been good business for the farmer. The electrified farms on our lines turned out more food during the war than they could have without electricity and are making worthy contributions now during the days of peace time food problems.

The Wayne White Counties Electric Cooperative was set up 10 years ago through the assistance of the Rural Electrification Administration. To date the Coop has borrowed \$1,910,000 from REA for setting up its power system. The loan is being paid back over a period of 35 years and bears an interest rate of two percent.

The cooperative is a corporation and is operated like any business. It has been a substantial taxpayer during its 10 years of life having paid a total of \$13,680 in taxes during these years. Of this amount \$59,508 went for local taxes, \$7,202 for state taxes, and \$6,970 for Federal taxes.

The 6,000 consumers who get this electricity from the co-op have the final say about its policies in that they meet once a year and elect their board of directors. The directors, in turn, appoint a manager who directly supervises its operations. The present directors are J. W. Barth of Enterprise, G. O. Deem of Geff, Frank Gray of Sims, Herald Shepard of Albion, L. M. King of Mill Shoals, L. P. Dolan and Evans Williams of McLeansboro, G. O. Moreland of Norris City and Ervin Yohe of Enterprise. Owen J. Chaney of Rinard is the co-op's manager.

The recent history in Rural Electrification in Illinois has been one of consistent progress. In 1935 when REA first began making loans for rural electrification only 12 percent of the farms in Illinois had power line electricity. Today 60 percent of the farmers in the state have power line electricity and the rural electrification program is moving forward toward its eventual goal of helping all farmers and other rural residents to get electricity.

We are now started on a new year. Another year for the cooperative began in November and for the cooperative consumers January 1, 1948.

We hope that everyone had a Merry Christmas and will have a prosperous 1948.

FACTS AND FIGURES

Do you know that your cooperative is one of the largest in the state. That it is the only cooperative that has a \$1.50 minimum; that we have been in operation 10 years and now have 1,400 miles of line serving 6,040 members; and last but not least, that this is your cooperative and you are largely responsible for its success.

Be a booster for your cooperative.



This Farm Is Near Top of List When It Comes To Electrical Equipment

Has Wide Variety Of Appliances To Make Life Easier

There may be some more completely equipped farms in Illinois, but chances are few will be able to compete with the Roy H. Campbell place, located three miles north and a half-mile east of Cisco.

A survey conducted by Corn Belt Electric cooperative of Bloomington, which serves the farm, shows that the Campbells use electricity for 21 household uses and to operate more than 20 electrical units, including motors, used in farming or repair operations.

The Campbell household is equipped with the following electrical appliances: Coffee maker, clock, stoker, blower, fan, food mixer, heating pad, hot plate, iron, mangle, inside toilet, three radios, range, refrigerator, sewing machine, toaster, two vacuum cleaners, washing machine, two water pressure pumps, water heater, waffle iron . . . and an electric doorbell.

On the farm, electricity is used to operate a livestock clipper, cream separator, electric fence, feed grinder, lawn mower, nine portable motors, poultry lighting, poultry water warmer, seed cleaner, two tool grinders and a welder. Additional equipment not listed on the questionnaire used by the Campbells in their farm shop include a lathe and test devices.

Their post-war plans include the proposed purchase of an electric dishwasher, pop corn popper, waffle iron, water heater, deep freeze unit and a fly trap.

Large Farm

Farming approximately 1000 acres, Mr. and Mrs. Campbell need all the help they can get from their electrical equipment. If you ask Mr. Campbell what he thinks of REA service he'll tell you "it's the greatest blessing which has ever come to the farmer."

Operating eight tractors and many other rubber-tired pieces of equipment inflated without an electric air compressor would be almost too much to handle without additional help, this Corn Belt co-op member declares.

Asked to compare his present REA service with the fuel oil-operated generating plant which formerly served his home, Mr. Campbell's comment was: "There is no comparison. Electricity has enabled me to equip and operate my farm shop so that I can make my own repairs; provide our home with lights and numerous household appliances, and make our farm work easier."

Central station electric service also has given Mr. Campbell sufficient power to economically operate numerous farm shop equipment, including a lathe, grinder, welder and testing machine. All of these devices and many others, he says, are needed these days to keep his equipment in repair and make whatever changes he thinks necessary in new machines to suit his own particular harvesting or planting problems. His welder alone, Mr. Campbell stated, has saved him many valuable hours, for he now can do himself what he had to hire others to do for him—and, he adds, the welding jobs are done at the farm and not miles away in town.

Mrs. Campbell, too, has nearly all the appliances she wants to lighten her household chores and shares with son, Martin, and her husband the joys of seeing farm work made easier because of electricity. Mrs. Campbell cites for particular high praise



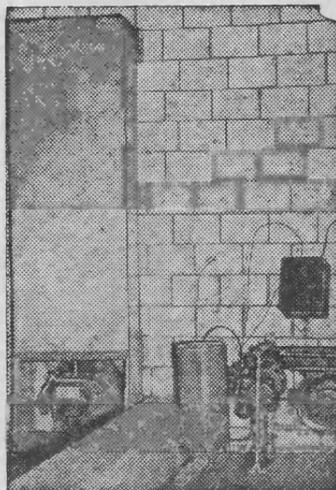
CORN BELT DOES ITS SHARE—on the Campbell farm. In the UPPER LEFT Mrs. Campbell finds sewing easy with her electric sewing machine, while in the UPPER RIGHT picture, Carolyn Campbell and her school chum, Doris Bailey, work on newspaper reports for the Big and Little Sisters 4-H club on a typewriter under electric lights. The LOWER photo shows Martin Campbell all set to make a few repairs with the aid of a large assortment of electrically-operated equipment in the farm shop.

Modern Ventilation Keeps Costs Down, Output High

Damp dairy barns and poultry houses never worried granddad. They were too well ventilated—and cold as all outdoors in winter. Cracks between boards and loose fitting doors and windows took care of his ventilation problems. They also accounted for piles of snow which sifted inside.

True, the passing winds carried away the excessive moisture given off by cows and poultry. This kept granddad's rafters from rotting. But he paid a stiff price for his primitive ventilation system. Winter milk and egg production slumped, the drafty buildings were unhealthy for stock, chickens and help. His high feed bill ate up his returns—if any—on cold weather production.

That was yesterday. Today, scientifically designed electric ventilation systems put granddad's crude methods in the shade. Not only do they protect timbers, wiring, paint, piping and nailheads against dampness, but they do it in tight-sided buildings where doors and windows fit snugly. As a result, winter winds howl outside, rather than inside. Because such systems keep the atmosphere of the buildings dry and comfortable, cows and chickens housed in



NO-DRAFT ventilation is accomplished easily with this type of equipment. The fan is located near the floor.

them are able to maintain milk and egg production at a high level during the winter months. Feed costs remain average, since stock and poultry do not have to eat an abnormal amount to keep warm. Efficiency of workers is maintained. Poultry litter stays dry longer and the danger of colds to chickens and stock is lessened.

Modern ventilation systems depend on fans, operated by small motors, to exhaust used air, and intakes near ceilings to permit entry of fresh air. Fans should be located so as to draw out used air from near the floor of the buildings. Intakes should be built to deliver air upwards toward the ceiling in ord-

Simple Measure For Most Benefit From Electricity

Adequate Wiring Is First Essential Of Efficient Power Use

By T. P. Branch, REA Power Utilization Specialist

Pride of ownership which farm families feel for their livestock and the care they show to them is an old story that probably had its beginnings when primitive man first domesticated animals.

Pride of farm families in their electrical systems and equipment is just as genuine and justifiable. But because these things are relatively new many farm families do not know the simple principles of care and maintenance which are essential for reaping the full benefit from their new servant, electricity.

The wiring system is not ordinarily visible. But don't forget that an adequate wiring system is a preliminary requirement for satisfactory use of power.

Step one to having an adequate wiring system is to start right with careful planning. Plan to have a good wiring contractor install plenty of outlets of the correct type and plenty of circuits of adequate size wires, all protected by the correct sizes of circuit breakers or fuses at the panel or load center.

Step two is to have the original installation inspected and have periodic re-inspections every few years and after any additions or alterations have been made in the wiring.

If fuses blow out, replace them with same size fuse—never with a piece of metal nor with a larger fuse. Fuses are safety valves. Re-

placing them with wrong size fuses or with metal takes away this protection.

Electric lights help mightily to brighten life on the farm and are great work savers compared to smoky oil lamps. But even electric lights call for some care. Reflectors, bulbs and shades should be cleaned or washed occasionally in order to get the maximum amount of lights from the fixture or lamp. Occasionally a bulb becomes dark from age or burns out and must be replaced. When that happens, be sure to select the correct type, wattage, and voltage bulb for the purpose and fixture for which it will be used. For this information, consult the manager or electrification adviser of your REA co-op.

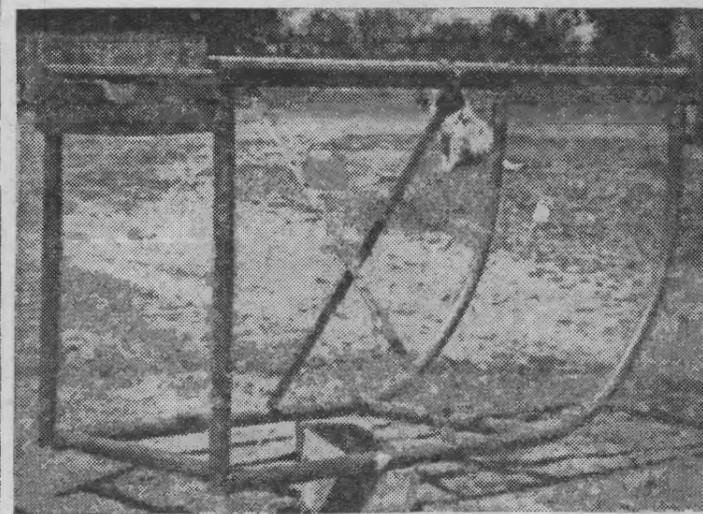
Movable and portable equipment present their own special care problems which should not be overlooked by owners who want to enjoy the maximum service from their possessions. Such appliances depend on the use of flexible cords with an attachment plug for connection to an appliance outlet. Any injury to the cord—or the use of the wrong kind of cord for that matter—is likely to cause trouble.

Never disconnect the appliance by pulling the cord. Instead, pull the plug from the convenience outlet and thus avoid the danger of breaking the cord wires or pulling them loose from the connecting plug. When cords are worn at the connection plug, they should be shortened and reconnected or should be replaced with new cords of similar type and quality. Keep cords free from grease and kinks. Protect them from being pinched or stepped on. See to it that prongs of attachment plugs are kept straight and parallel to each other in order to provide a suitable connection.

Using the right type of cord is very important. For example, a rubber covered cord is suitable for use with lamps, radios and so forth but should never be used with heating equipment which requires a special type of cord having asbestos or heat resisting insulation. Heavy duty equipment requires heavy duty cords, for the reason that thicker wires and heavier insulation are required to carry a strong current of electricity safely and protection against hard usage. Drop cords or light fixtures do not carry enough electricity for most appliances. These should be connected to a wall outlet.

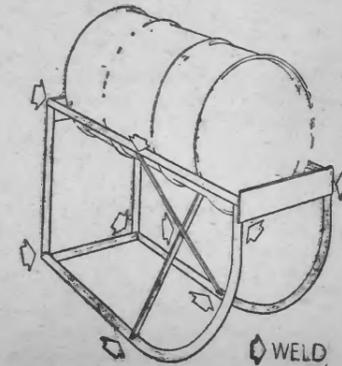
As different types of equipment call for different treatment and

(Turn to Page Ten)



THIS LABOR-SAVING barrel tilter was made by Joe Rosentiel, Freeport, from three-quarter inch pipe, three-quarter inch angle iron and three inch wide plate, from the scrapyard. Of course, the size of material can be varied. The pipes forming the basic structure and the cross struts of the appliance are welded at all points of contact.

The tilter is operated vertically. The barrel can be tilted for emptying or filling and can be snaked around the barnyard if necessary.





JUNIOR REA NEWS

NEWS FROM Adams

Camp Point, Ill.
DEAN SEARLS, Supt.

New Substation Results In Much Better Service

On November 22, our Mt. Sterling Sub-station was energized. A complete story of which will appear in detail elsewhere in this issue. Residents in the eastern part of our project who have been experiencing low voltage have had this difficulty corrected, and are now receiving better service. Our engineers, and construction crews working on this project deserve much praise for their splendid cooperation in erecting this fine structure under the most difficult conditions. It is a job well done.

MEMBERSHIPS

We wish to call to the attention of our members to pass on to their neighbors and friends who do not have electric service, and have not signed a membership for service, to do so immediately, if they desire to have electricity installed in their homes within the next few years. We expect to submit an application for a loan from the Rural Electrification Administration this month, to build more electric lines. We must submit the names of applicants along with our request for funds. If their names do not appear on the list, it means that they will have to wait a much longer time, as we make only one application for funds to build lines each year. This is only the first step, as the application must pass through numerous Government channels before approval is finally granted.

We hope everyone who has not signed a membership for electric service, will take advantage of the opportunity to do so at this time, as many families were disappointed the past year when they were told upon their request for service, that their names were not on file when we made our last request for funds, and consequently, we were unable to build lines to their homes until our next allotment might be approved. Many had their homes already wired, and needless to say, were gravely disappointed. Don't let this happen to your friend and neighbor. Advise them to call at our office at Camp Point, and get their application on file before the names of applicants are sent to Washington for approval.

MANAGERS' MEETING

The regular bi-monthly meeting of District Managers was held at the REA office in Camp Point, November 19. Manager Dean Searls served as host to the group and chairman of the meeting. A telegram was received from Manager L. C. Groat of the Spoon River Electric Cooperative, Inc. from Washington expressing his regrets at not being able to attend. Those attending were: L. C. Marvel, Carthage, Fred Darr, Petersburg, S. R. Faris, Winchester, Arthur Peyton, Macomb, and visiting Manager from Harrisburg, A. F. Lentz, was also present.

RATES

We have had numerous persons making inquiry during the past several months in connection with our electric rates on appliances, such as ranges, water heaters, stokers, grinders, deep freezers, saws, etc. Many have been informed, or are of the opinion, that a special, or lower rate exists on such equipment. Many of our members have delayed purchasing their new electric range or other appliances, believing that the cost of operation will be excessively high. For the benefit of those who are not familiar with our rate schedule, we shall outline briefly our procedure in determining your electric cost in Kilowatt hours. For the first 45 Kilowatt hours or less, you are charged the minimum of \$3.50 per month. Next 45 Kilowatt hours used, four cents per month. Next 110 Kilowatt hours, two-and-a-half cents, and over 200 Kilowatt hours, one and half cents per month. You can readily see by the above schedule, that the more current you use, the lower the cost. In this way, you receive the benefit of the low rate on all electric appliances, and not on just one or more you are now using, or wish to purchase.

GIVES DEMONSTRATION

A meeting which was arranged by one of our directors, Glen Warner, was held at South Prairie School in connection with the reg-

ular P. T. A. meeting on November 21. Miss Elva Sargent, home economist for our co-operative, gave a very interesting demonstration on the use and care of the electric roaster, and well cooker. Cheese sandwiches were broiled in the roaster, and spanish rice was prepared in the cooker. Manager Searls spoke briefly. This meeting was followed by a box and pie supper, and everyone present reported a most enjoyable evening. The following article will be of interest to the women, and gives a clearer outline of the many uses of this cooker.

The well-cooker is a boon to the woman who will use it. This utilitarian piece of equipment will save time and money for you because it uses so little current. It is possible to cook a dinner in the cooker at less expense than in the oven. Many one-dish meals that use inexpensive cuts of meats and pot roasts that require slow cooking will mean more economy.

The cooker is excellent for vegetables. Place spinach, cabbage, broccoli, cauliflower, brussels sprouts, asparagus in the frying basket or drop them directly into the cooker. Peas, lima beans, and other small vegetables may be placed in a fruit jar, the seasoning, salt, and butter added, and the jar set in the cooker to steam with other foods.

Soups, chowders, baked beans, cereals, stews, dried fruits are excellent prepared in the cooker. It is also used for deep fat frying, canning, preserving, warming over rolls and muffins, cooking eggs, baking potatoes, sterilizing jars, glasses and bottles.

When you are planning for parties, the cooker utensil is splendid for coffee, tea, cocoa, spaghetti, chop suey, etc. We have range users who broil thick chops, bake little cakes, pies, biscuits, potatoes in the cooker equipped with a closed unit. For one or two persons in the family, the cooker is used more than any other unit on the range.

More suggestions for its use, and tested recipes will appear in later issues.

News Comments

Mrs. Della Baxter, Golden, writes us that she arrived home on December 2 from a very pleasant trip through the West. She was gone eight weeks, and saw many interesting places, and beautiful scenery.

Thank you, Mr. and Mrs. Raymond Wills for your note of appreciation for our prompt and courteous service after your complaint of low voltage. We are glad this condition has now been corrected.

On the Humorous Side

"Bessie sure likes the radio in the barn."—Wm. Schmiedeskamp.

Attended Meeting

Harvey L. Schmidt, bookkeeper, and Miss Leora Longlett, assistant bookkeeper, attended the Illinois REA Co-op Accountants Association conference which was held at the Abraham Lincoln Hotel, Springfield, November 24 and 25. Manager Searls, and Miss Margaret Funk, assistant Billing clerk, attended on November 25.

New Employee

Lyle Dunham, Clayton, who has had many years experience in the Electrical field, joined our staff on December 1st. Lyle will assume the duties of wiring inspector.

HAPPY NEW YEAR TO ALL!

SIMPLE MEASURE—

(From Page Nine)

care, it's important to read carefully and follow faithfully the manufacturer's directions. If no directions are attached, ask your dealer or write the manufacturer.

Guard electric equipment against falls. Avoid over-heating appliances. Never put a heating element in water except one made specifically for immersion. Appliances should be cleaned regularly, however. Wipe off any spilled food immediately from electric cooking appliances, using a dry cloth on hot surfaces. After the equipment has cooled, clean with a soapy cloth. Rinse with a damp cloth and dry with a soft, clean rag. Space or air heaters should occasionally have dust removed from reflectors, grills or guards. No heating device should be cleaned while connected to a circuit. Always disconnect an appliance when you are through using it.

Electrical equipment works hard for farm families, but to keep them on the job requires care.

Jesse James Rides Again

I am a boy 18 years old the 18th of September. I have light brown hair and blue eyes. I am five feet nine inches tall. I weigh 154 lbs. I am an employee of the railroad. —Jesse James, Royalton, Ill.

Riding Horses Favorite Hobby

I do enjoy the Junior REA News. Always read the boys' and girls' letters and have written to some of them. I am 12 years old and go to Lamer School. We live on a farm and have three dogs and two cats. I love best of all to ride horses.



I want to get a good saddle horse next summer. At present I ride one of Dad's work horses, named Ruby. I also love to fish, go swimming and go to the movies.

I have two sisters and no brothers. My sisters are: Janice, nine, and Alice Kay, five. I forget to say I really like to hunt. I have a new B B Gun and sometimes use Dad's rifle. I am also waiting for a big snow as I have a brand new sleigh. Come on, boys and girls, write to me. I promise to answer all letters and exchange pictures with girls and boys from 12 to 15. —Teddy Earl Holderfield, Route 1, Ill.

Wants Pen Pals

I am 12 years old, have brown hair, brown eyes, am four feet eight inches tall and weigh 94 lbs. I am in the sixth grade. I have three brothers and three sisters, I go to Parks School. My birthday is March 10.—Fern Tanner, R. F. D. 2, Marion, Ill.

A Strawberry Blonde

I am a girl 11 years old. I am three feet tall and weigh 65 lbs. My hair is a strawberry blonde. I will be 12 February 26. I go to Akin School and am in the sixth grade. My hobbies are playing the piano and writing letters.—Sandra Fae Hundate, Akin, Ill.

Likes Riding Horses

I am 11 years old. I have brown hair and gray eyes. My birthday is March 13. I am in the seventh grade. I am four feet eight and three-eighths inches tall. I weigh 70 pounds. My hobbies are playing ball and riding horses and bicycles. I will answer letters and exchange pictures with Pen Pals.—Shirley Ann Taylor, R. F. D. 5, McLeansboro, Ill.

Gladys Has Many Hobbies

I am 17 years old, am five feet, two inches tall and weigh 118 pounds. I have blonde hair and blue eyes. I go to school at St. Mary's and I am a senior in High School. My hobbies are reading, dancing and playing volleyball. I would like boys and girls between the ages of 17 and 20 to write to me. I will answer all letters and enclose photographs.—Gladys Denninger, R. No. 2, St. Mary's, Mo.

More Pen Pals for Barbara

I am a girl of 16, five feet, two inches tall, have dark brown hair and eyes. I weigh 111 pounds, have medium complexion. I have many hobbies, but my favorites are hiking and writing letters. I live on a large farm four miles west of Ottawa. I would like to have more Pen Pals to write to. I will write to boys as well as girls, from 15 to 20. —Barbara Gass, R. R. No. 3, Streator, Ill.

June Sings In Trio

I am a girl 13 years old. My birthday is May 13. I weigh 100 pounds and have brown hair and blue eyes. I go to Neal School, District 57. I am in the seventh grade. I have two sisters and four brothers. My hobbies are playing the piano and singing. I sing in a trio. I would like both boys and girls to write to me, so come on, fill my mail box.—June Hankins, R. R. 2, Galatia, Ill.

Likes Cooking and Sewing

This is my first letter to the REA News. I am a girl nine years old. I have blue eyes and blonde hair. My hobbies are reading, writing, cooking and sewing. I like to send mail, but would rather receive it. So come on, Pen Pals, write to me. Lucy Eunice Grisham, R. F. D. 2, Eldorado, Ill.

Barbara Sews and Cooks

I am a girl 14 years old. My birthday is May 13. I weigh 122 pounds and am five feet, five and one-half inches tall. I have brown hair and blue eyes. I have one sister and two brothers. My hobbies are sewing and cooking. I would like letters from both boys and girls to fill my mail box.—Barbara Hankins, R. 2, Galatia, Ill.

Jean Plays Piano

I am eleven years old, have long, brown curls and blue eyes. I like to ride a bicycle and play the piano. I have one sister and two brothers. I go to Neal School and North America Baptist Church. I would like my mail box to be full of letters from Pen Pals soon, both boys and girls.—Neal Jean Hankins, R. F. D. 2, Galatia, Ill.

Phyllis Has Pet Collie

My name is Phyllis. I am 11 years old. I am in the sixth grade. My pet is a collie dog named Maggie. I have two brothers, Lyle, six and Larry, four. I like to go to school, listen to the radio and read. Pen Pals, write letters to me. I will answer your letters.—Phyllis Wood, R. R. 1, Bluford, Ill.



Plans Completed For 3-Day Power Use Conference

Completion of plans for the three-day instructional session for managers and power-use advisers of Illinois electric co-ops to be held January 7, 8, and 9 at the University of Illinois, Urbana, has been announced.

Speakers for the conference will include, Prof. E. W. Lehmann, G. E. Dillon, N. D. Wrinkle, Hadley Read, John Waggoner, V. C. Kallal, E. R. Read, A. E. Becker, F. E. McVey, Elva Sargent, F. W. Andrew, W. E. Murray, Agnes Wilson, D. M. Hall, K. R. Wallace, J. C. Spittler, Mrs. K. V. Burns, J. E. Hill, Miss Rena Hodgens, Fred Darr, and T. H. Hafter.

The purpose of the conference will be to emphasize the need for more concerted and correlated power-use programs on the part of Illinois rural electric cooperatives. General discussions of rural electric development will be included along with specific information on the latest techniques in the field of power utilization.

Chairmen for the sessions will be Professor Lehmann, of the University of Illinois, January 7, afternoon meeting; E. R. Brown, of REA applications and loan division, dinner meeting, January 7; Dean Searls, manager of Adams Electric Cooperative, morning, January 8; F. W. Andrew of the University, afternoon, January 8; D. G. Carter, dinner meeting, January 8; F. W. Andrew, morning, January 9.

Sponsoring the meeting are the Power Use Committee of the State Association of Illinois Electric Cooperatives, the University of Illinois, and REA.

Tractors, machinery, fuel, oil and the reserve for depreciation on machinery now make up 33 per cent of the cost of producing corn.

Xenophon wrote that in Athens, Greece, in 400 B. C. a knowledge of the grain business was considered one of the qualities of a statesman.

Pen Pals

HI PEN PALS

Let's get acquainted. Yes, this is Kay Conlan, your new Junior REA News editor and your newest Pen Pal. I'll be looking for a letter from each and every one of you this month so we can get off to a good start to make 1948 the biggest Pen Pal year yet. Tell all our Pen Pal friends about your work, your play and yourself. And we'd like to see your picture too, if you have one. Get your letter in the mail today and let's have our mailbox brimful. The address is, Kay Conlan, Junior REA News, Petersburg, Ill.

Betty Plays Piano

I am 10 years old. I have brown hair and blue eyes. My birthday is March 23. I have two brothers. I am in the sixth grade. My hobbies are playing the piano and riding a bicycle. I would like to have some Pen Pals.—Betty McNail, R. F. D. 2, Marion, Ill.

Likes School Parties

I will be 16 the fifth of December. I am five feet two and one half inches tall and weigh 115 pounds. I have red hair and blue eyes. I am a junior at Neponset High School. I have two sisters, Arlene and Marjorie, and one brother, Delbert. They are all married. I belong to Neponset F. H. A. and G. A. A. I like going to school parties best. I have many pet cats and one dog to play with. I would like to hear from boys as well as girls from 16 to 20.—Betty Lou Jackson, care of Maggie, care of Maggie Turnbull, Neponset, Ill.

Loretta's Hobby Going to School

I am a girl of 12. I have brown hair and blue eyes. I am five feet one and one half inches tall. I go to the Neal School. My teacher is Miss Joan Moore. My hobby is going to school. This is my first letter to the Junior REA News and I want all girls to write to me.—Loretta Taylor, R. R. 1, Box 68, West Frankfort, Ill.

Likes To Play Ball

I am a boy 14 years old, am five feet tall and weigh 97 pounds. I have dark brown hair and blue eyes. I have three sisters. My hobbies are all kinds of ball. I would like both boys and girls to write me. Come on, Pen Pals, fill my mail box.—John Tath, R. 1, Harrisburg, Ill.



Wants to be Pen Pal

I will be 15 on February 14. I am five feet three and one half inches tall and weigh 126 pounds. I have black hair and black eyes. I would like to hear from boys and girls between the ages of 14 and 18. I will answer all letters.—Patsy Cooper, R. No. 3, Bluford, Ill.

Likes to Sew and Embroider

I am 13 years old, have blue eyes and blonde hair. I am five feet one inch tall. I like most all kinds of sports and like to sew and embroider. I would like to have Pen Pals from 13 to 18 years of age.—Louresia Tanner, Rt. 2, Box 95, Stonefort, Ill.

Embroidering and Crocheting

I am a girl 11 years old, have light brown hair and gray eyes. I am four feet eight inches tall and weigh 141 lbs. I am in the sixth grade. My hobbies are embroidering and crocheting. I have one sister. We live on an 80-acre farm.—Geraldine Eberhart, R. F. D. 1, Edwardsville, Ill.

**NEWS FROM
Farmers Mutual
Geneseo, Ill.
WALTER PARSON, Mgr.**

**Manager Outlines Problems
Being Encountered By Co-op**

The Board of Directors of your cooperative and I have been very conscious of the fact that in recent months the service you have received has not been as uniform and continuous as we would have preferred.

The fluctuation in the uniformity of service and the unfavorably variations in the voltage, especially during the peak load periods, was caused by a much more rapid increase in the use of electricity than the management of the Geneseo Municipal Plant, which is also the source providing the power for your cooperative, anticipated and as a result at times placed an overload upon the existing generating facilities.

The unprecedented increase in the consumption of electrical energy was and is due to the substantially improved financial position of the consumer and in becoming more familiar with the many things for which electricity can be used to a great advantage. This is very applicable to rural electrification and especially so when applied to your cooperative, because your overall rates are unusually low. For example, in the month of November approximately 21 percent of the members of your cooperative consumed enough electricity whereby it cost them less than I pay for a corresponding amount here in Geneseo.

So you see the general situation when applied to you members is so overwhelmingly in favor of the use of electricity in preference to any other commodity that the rapid increase would seem to be a natural procedure. When applied to the entire community being served by the existing facilities at that time it placed an excessive load upon the Municipal Plant.

PREPARATIONS MADE

The management of the Geneseo Municipal Plant obviously foreseeing the substantially increasing demands that were to be made upon its existing facilities made preparations and put forth strenuous effort to provide for the installation of additional equipment with which to cope with this situation, but the procurement of equipment, materials etc., in the last 18 months, being even more critical than during the war, together with complicated labor problems causing unavoidable delays, prevented the completion of the installation sufficiently to cope with the increasing demands that were being made upon it.

However, we are pleased to inform you that the installation of this equipment has now been completed and placed into operation and facilities have been provided for further expansion as the demand increases. Mr. Burgin, superintendent of the Municipal Plant and his assistants, in view of the many complicated problems they had to contend with, are to be complimented upon a job well done.

Your board of directors and I anticipated the correspondingly increased demands that were to be made upon the existing facilities of your cooperative, which we knew would be even more pronounced because of the overloaded demands being made upon the facilities of the Municipal Plant.

We immediately made a very thorough study of the situation in order to determine what we thought would be the best way to cope with this complicated problem. We decided upon a plan and the forepart of this year we started to shift and install larger consumer transformers. In some instances we changed the voltage ratio, capacity of conductors, etc., which helped substantially to overcome the voltage deficiency caused by the excessive demands being made upon our source of power. This enabled us to provide you with service in the critical months which followed, although at times the service was not as satisfactory as we would have preferred and caused those of us who are responsible for its operation considerable anxiety.

However, we have a great deal to be grateful for when we consider that in many communities the power shortage has become so

acute that at times entire sections have been without power for prolonged periods of time. I would like to thank each and every one of you for your cooperation and consideration shown during these trying months and we hope your service will be much more favorable in the future.

PRAISE FOR BOARD

It is in my opinion significant and appropriate to state that although the members of your board of directors, engaged in farming and various other personal responsibilities, requiring a great deal of their time, nevertheless, they manage to assist me and their knowledge of the business acquired over years of active participation in the program of your cooperative has proven very helpful. We have reason to believe that our concerted plan which was promptly carried out saved the cooperative thousands of dollars in the preservation of critical equipment.

We would like to give you a further detailed report as to what we have done and plan to do in the future in order to improve the quality and dependability of your service.

We have just completed the erection of a new modern substation and installation of equipment increasing its capacity very substantially, also providing for further increase as the demand warrants, to further increase the efficiency of your service we have in recent months been busily engaged in rehabilitating the lines serving you. This work consists of installing heavier equipment, repairing and replacing poles and equipment damaged by lightning, strengthening weak points against strong winds and more particularly sleet and removing any hazardous conditions that may exist.

Lightning, hedge, underbrush and trees are the more common causes of interruption to electric service in rural areas. Because of the high voltage necessary to provide sufficient power, rural lines are very susceptible to lightning, making it difficult to cope with, however, we are in the process of installing equipment which is proving to be very effective in reducing the number, and more particularly the duration, of the interruptions caused by this element. This work has been completed on about 40 percent of the system and will be completed over the entire system as rapidly as the weather and conditions will permit.

HEDGE REMOVAL

As our program is carried forward, hedge, underbrush and trees are being removed. It has been the policy of your cooperative to remove trees where it is necessary and permissible because we have the equipment with which to handle this work. However, we must necessarily depend upon you farmers to remove the hedge and underbrush and to maintain proper clearance thereafter.

We wish to thank you farmers who have cooperated so satisfactorily in this work, and may we appeal to those of you who have not as yet seen fit to cooperate in this program to please do so.

Your board of directors and I are assuming the responsibility of providing you with efficient and dependable service but in order to do this and in fairness to those members who have cooperated, it is imperative that places where hedge has not been removed, arrangements be made to do so as soon as possible.

Hedge and underbrush in addition to causing interruptions to service create a very hazardous condition and more particularly during the rainy season. Should a person or livestock come in contact with hedge which has grown up into the high voltage line it is very possible they could be electrocuted. During the rainy season high voltage wires coming in contact with wet hedge places an excessive load upon the equipment of the cooperative which will cause it to break down resulting in interruptions to service and tremendous cost in replacement of such equipment.

It is impossible for the cooperative to stand the expense of removing underbrush and furthermore it would be unfair to discriminate against those who have and are cooperating in the program. As hedge, underbrush and trees are removed your service will become more dependable and in view of the fact that electricity is more economical, sanitary, efficient and comparatively safer than any substitute commodity, there should be

**NEWS FROM
Clinton County
Breese, Ill.**

JOSEPH HEIMANN, Supt.

HONOR ROLL

Commercial:
Herman Graham, 2403; Gulf Refining Company, 1993; Paul Doran, 1844; C. F. Frazier, 1602; J. J. Lynn, 1444; Nick Babare, 1260; Alphonse Huelsmann, 892.

Farm:

Charles Stein, 1792; Clarence Dickhaut, 1293; Joseph Meyer, 1190; Narvey Klingelhofer, 1100; Lewis Wiedel, 1076; Vincent P. Schaefer, 1072; Joseph H. Heimann, 985; Otto Luginbuhl, 881; Edward Hugo, 830; Ed. Merrill, 800; John Kalmer, 776; Russel Klingelhofer, 761; Wm. Fuehne, 755; Leo Sudholt, 743; Kay S. Jennings, 739; Cyril Huelsmann, 725; Louis Heimann, 730.

Henry J. Etter, 716; Ferd Hilmes, 700; Al Renschen, 700; Paul Norris, 700; William Varel, 700; Rudolph Buehler, 670; John Gebbke, 666; Armin Richter, 658; Gaylord Smith, 650; Theo. Zurliene, 650; Arthur O. Riess, 648; Talmadge Out-house, 624; Carl H. Sohn, 614; John Vahlkamp, 611; Ben H. Meyer, 603; Mrs. John B. Ratermann, 600; Anthony Huels, 600; Fred Beckmann, 600; M. D. Walker, 600.

WEDDING BELLS

Miss Rosalie Wolters, daughter of Mrs. Anna Wolters, Aviston, became the bride of August Earth, son of Mr. and Mrs. Rudolph Barth, St. Rose, Wednesday, October 22, in St. Francis Church, Aviston. Congratulations and best wishes! The parents of the groom and the mother of the bride are REA users.

Miss Dorothy Wolters, daughter of Mr. and Mrs. Herman Wolters, became the bride of Richard Richter, son of Mr. and Mrs. Kasper Richter, Breese. Congratulations

no further hesitancy on your part to the installation of such equipment as—electric range, refrigerator, deep freeze, pressure water system and heater, all electric automatic laundry equipment.

FOR SALE

The Farmers Mutual Electric Company, Geneseo, Illinois, has for sale and immediate delivery:

Three 75 KVA General Electric transformers, Serial Nos. 6580039-40-41, Single Phase Tap Transformers providing for 5 percent increase above or below the standard 6900 Volt. Step-up 2300 to 6900 volts which should be in excellent condition.

We also have one 50 KVA Single Phase Moloney transformer having the same characteristics as the G. E. and is still in the original crate and has never been used.

We wish to call your attention to the annual meeting of the members of your cooperative which will be held at the Geneseo City Hall at 1:30 o'clock Tuesday, January 27, 1948, to take action upon the following matters:

1. The reports of officers, directors and committees; 2. the election of three directors for the ensuing year; and 3. all other business which may come before the meeting of the members.

The present directors of your cooperative consist of the following members: Jacob Gottsche, president; Ira L. Sieben, vice president; M. Theo. Anderson, secretary-treasurer; Charles Klavohn, Matthew Smith, Charles Yager, William Meier, William Fairlie and Maurice Lewis.

The committee on nominations, which was appointed by the board of directors of the cooperative pursuant to the by-laws at their regular meeting November 13, included the following members: William Bismark, Chairman; Oscar Hulting, Floyd Nelson, Arthur Nelson, Edward Klavohn.

The Nominating Committee met November 28, and nominated Charles Yager, William Meier, Maurice Lewis, in appreciation of the competent services rendered, to succeed themselves as candidates for directors for the ensuing three years. Additional nominations for directors may be made at the meeting.

It is especially important that you attend this meeting and we will be looking forward to seeing you there.

and best wishes! The parents of the bride are REA users.

REA ARRIVALS

Baby girl to Mr. and Mrs. Frank Nordmann, Breese. Baby girl to Mr. and Mrs. Elmer Nehrt, Carlyle. Baby girl to Mr. and Mrs. Frank Beckmann, Bartleso. Baby boy to Mr. and Mrs. Leo Kuhl, Trenton. Baby girl to Mr. and Mrs. Maurice Cox, Patoka.

NEW APPLIANCES

Walter Geiger, refrigerator and range; Mrs. Elizabeth Langenhorst, range; August Ratermann, range; Daniel H. Baer, water heater; Eugene Trame, milking machine; Donald W. Baer, range.

The Board of Trustees of the Clinton County Electric Cooperative and the personnel take this opportunity to wish you all a very Happy New Year!

**NEWS FROM
Menard
Petersburg, Ill.**

A. E. BECKER, Mgr.

**Prospects of Completing
Service Extensions, Good**

Looking Ahead 1948

Good News for the members who have been patiently waiting for REA electricity to be extended to their premises.

There is every indication that these extensions will be completed and lines energized prior to May 1, 1948. Prior to this date a majority of homes along the high-lines should be receiving service.

WORK NEARS COMPLETION

Work on the feeder line will be completed this month, permitting the entire crew of the Continental Construction Company to concentrate on setting poles and stringing wire to complete the single phase extensions, in the eight counties, served by the Co-op.

The task of distributing 9,000 poles (90 carloads) and framing (installing pole-line hardware) will also be practically completed at the same time. This was quite an undertaking as all poles had to be loaded, hauled to their destination, and unloaded again. The contractor has been conscientious in pushing construction to get the maximum amount of work done to get all extensions completed as soon as possible.

**COOPERATIVE TO MAKE
CONNECTS**

The maintenance and service division directed by our line foreman, Albert L. Hinrichs, will follow through and energize each extension as completed and make it "hot."

The men in "Maintenance Service" have been with your cooperative over a period of years and are as concerned in getting electricity to your premises as you are to have it. They have a full realization of what REA service means to those who are awaiting it, as well as to those now using service. "Maintenance Service Division"

The following employees are in Maintenance Service and are located in the towns indicated:

Dawson: Guy L. Sanford, first class lineman and Raymond Kitchen.

Mason City: Robert McLean, first class lineman and Roy McDaniel.

Virginia: Ray Logan, first class lineman and Alvin Bertram.

Petersburg: Albert L. Hinrichs, line foreman and Elwin DeLong, first class linemen; and William Sams, Elvin Kenoyer and William Morgan.

George L. Davis, storekeeper, is also a first class lineman. He works in this capacity whenever needed.

IN APPRECIATION

The management wishes to express its appreciation of the service rendered by this group and all other employees during the past year for their loyalty in building toward the permanent future for your Cooperative.

MEMBERS VISIT CO-OP OFFICE

During 1947 there were hundreds of members and other interested persons who visited your cooperative office. Many of the new members wished to know "How soon or when will our line be completed?" All have been welcome and every effort was made by personnel to furnish data and accurate information to them available at the time of their visit. You are cordially invited to visit your co-op office

whenever you are in Petersburg.

SEND IN YOUR BILL STUB
Your cooperation is requested when mailing in a check or money order to pay your energy bill to also send in the smaller half of your statement which indicates the amount of money to be paid.

The BILL STUB lists your account number, KWH used, and amount of your energy bill. It is essential that it accompany your remittance. While only a small per cent of the membership neglects to send in this "bill stub" even several hundred checks to trace down and tabulate requires considerable time. Thanks to those who have been sending in their bill stubs and thanks to those of you who do it from now on.

Co-op Annual Meeting

FEBRUARY 28, 1948, marks the date of the 11th annual meeting for members of the Menard Electric Cooperative. The meeting will be held in Petersburg.

This is the annual business session of your cooperative, which as part owner you should be vitally interested in. There are not many individuals who have part ownership in a \$1,800,000 business that will remain away from an important meeting in which they are part owner.

Your business, if you attend on February 28, will include a full discussion on the capital credits plan which, if adopted, will assure you of your full personal share in the ownership of your cooperative as the REA loan is liquidated.

Other matters to be discussed and reported on include financial and progress reports by President Henry B. Colby, Secretary-Treasurer William H. Montgomery and Manager A. E. Becker. There will be an election at which time nine members will be selected to serve as your Board of Directors for the next 12 months. Those members will be responsible for the progress of your cooperative over that period.

It is the desire of your program committee to secure an inspiring speaker and arrange for the type of entertainment that the majority of members will enjoy. This is your annual meeting and if you have any recommendations or suggestions regarding the program please mail them in or come to the office and discuss them with Manager A. E. Becker or Fred E. Darr before January 15th.

You are personally appointed to assist in making the Eleventh Annual Meeting for Members a Success. Remember the date SATURDAY, FEBRUARY 28, 1948.

December Program

The Homemaker's Institute of the Tallula Community High School sponsored a Home Appliance Show augmented by demonstrations of electrical appliances. Your cooperative assisted the committee with arrangements for the show which was attended by approximately 400 persons, many of them members of your cooperative. Mrs. Carl Kirby of Tallula served as chairman of the committee; other cooperative families were represented on the program by Mrs. George Henderson, Mrs. Irving Woodrum, Nancy Zillion, Margery Hinrichs and Bernice Stiltz.

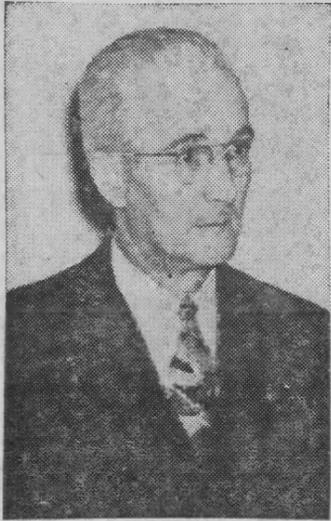
Your cooperative supplied programs and material for 28 school and community club gatherings during December. Among them was the Christmas party for all the school children of Menard County held on Friday, December 19, at Petersburg.

The annual meeting of the Cass County Farm and Home Bureaus was augmented by the showing of the film, "Dawn of Better Living" at the meeting of all members attending the session the morning of December 11th.

Mason County Farmers Institute

Your cooperative Program Service has been invited to present the program on Friday afternoon, January 9, in connection with the Mason County Farmers' Institute to be held at Mason City. The subject to be discussed is "Preparation and Processing of Foods for the Locker" and a sound film in technicolor, "Frozen Foods", made available by the General Electric Company will be shown in connection with the demonstration. Further information regarding the program of the Farmer's Institute is contained elsewhere in this issue of your Illinois REA News.

Co-op Accountants Association Holds Two-Day Meeting



J. J. Murphy

Twenty-four of the state's 27 rural electric cooperatives were represented at the mid-winter meeting of REA Co-op Accountant's Association, at the Abraham Lincoln hotel, Springfield, November 24 and 25.

Principal address of the two-day session was given by J. J. Murphy, assistant regional head, REA Finance Division. Murphy spoke on the accounting aspects of capital credits and explained the book-keeping procedures involved.

Other REA representatives included, Harry D. Clarke and A. B. O'Donnell, field auditors, and Everett R. Brown, applications and loans division, and Karl Backer, field engineer.

In opening the meeting, Association President Clara Thomas of Paxton, explained that the program had been planned to promote a greater degree of participation on the part of association members. Topics for discussion were assigned each cooperative.

Discussion topics and those taking part, were: Memberships, Manford White, Divernon; Forrest Stahly and Beulah Miller, Bloomington; Gertrude M. Wolfe, Waterloo; Construction Accounting, Garetta Schrieber, Champaign; Don Miller and Virginia Giltz, Canton; Mary Brady, Carthage; Henrietta McCord and Beulah Stever, Greenville; Tom Clevinger and Aileen Clarke, Harrisburg; S. L. Thomason, Shelbyville; Carrol Cox, Mattoon; Gerry Hull and Fred Holleman, Flora; Mary Hawkins, Paris; Thomas Reeves, Dongola, Rowena Hutson, Newton; Cy Anderson, Paxton.

Other topics were: Accounts receivable, Marie Weigand and Helen Garrison, Mt. Vernon; Dorothy Korando and Wilbert Alms, Steeleville; Winifred Stewart, Winchester; REA Manual, Harvey Schmidt, Camp Point; Howard Bell, Petersburg, June McCarty, Macomb.

Miss Thomas presided at the morning session of the first day's meeting. Harvey Schmidt, secretary-treasurer of the Association, presided at the afternoon session the same day. Vice President Wilbert Alms served as chairman for the morning meeting, November 25, and President Thomas presided at the concluding session that afternoon.

The Association took under consideration the possibility of holding a joint meeting with Iowa or Missouri accountants in 1948 and voted to try to arrange such a meeting.

Present at the two-day session was Lester L. Luna, president of the Missouri REA Cooperative Accountants Association.

Pictures Inside

ADAM CO-OP DEDICATES

(From Page One)

the high production of food on the country's farms and expressed the hope that it would not be too long before every farm in the country was receiving service.

Manager Dean Searls told those assembled that the new station exceeded by 250 KVA the greatest capacity of any of the co-op's other stations. He highly praised the co-op's personnel who built the new addition to the co-op's system and particularly, Omer Kestner who supervised the pouring of the concrete and installation.



TWENTY-FOUR OF THE 27 Illinois rural electric cooperatives were represented at the two-day mid-winter meeting of the Illinois REA Co-op Accountants Association held in the Abraham Lincoln Hotel, Springfield, November 24 and 25. Shown in the picture are 47 of the 54 who registered for the meeting.

NEWS FROM Southeastern

Harrisburg, Ill.

A. F. LENTZ, Supt.

New Year's Resolution—'Not To Miss Issue of REA News'

Well folks, here we are again, having missed last month's issue of the Illinois REA News due to the fact that we simply forgot to get it in on time. (One of our New Year Resolutions will be to, "Never miss an issue of the REA News with an article from this Cooperative".)

We are proud to report that all hands are still on deck so to speak, and that our operations have been very satisfactory to the personnel.

BRUSH CLEARING

One of the ways we are endeavoring to improve your service this winter, as well as next summer, is to clean all lines of brush this winter. We have had a couple men cutting brush all summer in Franklin and Williamson counties and they have most of the lines in Franklin, with the exception of the lines west of Sesser—Christopher highway, which are yet to clean.

If our farmers along the lines would keep their fence rows cleaned there would be no need for your cooperative to spend the amount of money we have spent for this type of maintenance, however, since there are so many who do not clean their fence rows, we have had to add that additional expense to our operations. We have a crew of six men working in Hardin and Pope counties and they have been doing nice work, along with clearing for some new construction in these counties.

In areas where the lines have not been cleared of brush as yet this year, and some of our members interested in a brush cutting contract, they should contact Manager Lentz at the Harrisburg office, who will be glad to figure with them on a clearing contract.

BROKEN INSULATORS

We still have some folks, who either carelessly, or through pure "cussedness" have the habit of using pole line insulators as targets for rifle practice, that is causing your management no end of worry and trouble and a heavy, needless expense restoring service, which has been caused by a broken insulator having been shot previously. It usually breaks down during a heavy rain when every one, including our maintenance linemen, should be enjoying the warmth of their own firesides and a line goes out, and members begin to call in reporting the outage.

Probably raining, yet your cooperative has prided itself in the fact that our men have always gone out regardless of weather conditions to restore your service, which in far too many cases was caused by someone's thoughtlessness or purely cussedness.

REWARD OFFERED

Your cooperative will pay \$25 reward for information leading to the arrest and conviction of persons or person caught shooting insulators on our lines. We trust that should there be anyone guilty of this practice, take warning for your neighbor might be watching you, for he doesn't want his service disrupted by such a malicious practice, neither will he sanction this needless expense required to find the trouble before service can

be restored, to say nothing of the inconvenience of being without electric service.

"C" Section Construction

Your cooperative crews are racing against time to complete the "C" section construction program before bad winter weather will hamper our work. We have completed and have energized over 100 of the 140 miles of this section, and have built some 45 miles of Force Account construction along with this "C" section work.

We do not plan any halt in our building program but expect to continue through the winter unless hampered by weather. And we expect to continue right into the "D" section construction program following completion of the present "C" section, in fact, our men do not know the difference of which section is which and we hope to build the 240 miles of this "D" section in 1948 providing wire is received. All other materials will be ready along as needed.

NEW GARAGE BUILDING

We have finally completed the purchase of a plot of ground on the north edge of town from the Big 4 Railroad tracks to State Route 45, consisting of 3.88 acres and have built a new pole yard consisting of six pole bunkers, each of which would hold four carloads of poles. This new pole yard will permit our men to load onto the pole trailers much easier and faster, thus permitting more production in that department.

We are ready to pour concrete for the footings for our new garage building which will be 88 by 100 feet, of concrete block construction with a concrete floor, this to house a portion of the cooperative's fleet of 19 units, beside trailers and other equipment which is needed for our ever expanding operations.

New Allotment Plans

We are now in the process of developing a new section which will be known as our "E" section, and we expect to have some 300 miles of lines ready to submit to REA Washington immediately after January 1, for an allotment. The funds will be dependent upon what our National Congress does toward an additional appropriation for the needs of REA over the United States.

Major Household Appliances

We have received information from sources that have been considered reliable, to the effect that there will be less steel allotted for civilian goods in 1948 than there was allotted for civilian uses in 1947, which means that there will be fewer cars and trucks produced in 1948 than there were in 1947, fewer refrigerators, washing machines, etc.

We have been informed by one of our suppliers that there will not be as many refrigerators next year as last year, however the outlook for new electric ranges is better than 1947. So all you members that have been looking forward to getting that new electric range this year should see your local dealer as soon as possible and let him know your needs, he may be able to supply you.

Wiring Materials

Housewiring materials are getting in better supply, and wiremen can demand and receive from his dealer now, better quality, and more in quantity, than he could possibly get the first half of 1947.

Information that we have is that there will be advance in the price of copper wire in the spring, so if you have been planning or putting in those extra convenience out-

lets (so the wife won't have to "drape" a makeshift cord all over the house, and which outlets you should have put in when your home was wired, and didn't think you would ever need them) better get in touch with your wireman and have him do that extra wiring before prices advance.

By the way, it would be a fine time to run that new line to the barn and all those other outbuildings that are not wired as yet. No use putting it off, materials won't be any cheaper for a long time to come, and we might as well look that fact squarely in the face. It will be a long time before you will be able to buy a new car for \$800, or a good milk cow for \$40.

If your local dealer can't supply your needs at a fair price for wiring materials, we would suggest that you check with "Little Joe" in the basement of your cooperative headquarters, and he probably will be able to supply all your needs, and we know that the price will be right.

You farm ladies who have had a dream of a new electric range, and haven't been able to get one as yet because they have not been available, tell "Little Joe" your needs, he might be able to help you before you can find one at some other dealer.

In checking over some figures for 1947, I noted that at the close of December, 1946, we had a total membership receiving service of 5,225 and in checking the November 30 report I note that we have now 5,986 members receiving service, thus making a gain of 761 new connections in 11 months. We promised "Brownie" of applications and loans division, that we would connect 800 new members during the year (and confidentially he insisted on us making it a 1000) and we are sure that we will make that goal in fine shape.

Folks, come in and see us, don't just come in when you may have a "gripe", but when you are getting good service, we like to have you tell us so. It is the fact that we are doing big business, rendering real worthwhile service that makes the work of our employees lighter, and a word of encouragement to them helps, we assure you, and further we might add, that if can catch the manager in, he gets a kick out of showing people over the building, explaining what makes your cooperative "Tick", so come in and see us, won't you?

ASKS FOR SIGNED—

(From Page One)

tax committee was submitted to the board. The committee plans to meet in December to compile figures on taxes of cooperatives which it will present to the state tax commission for inclusion in the commission's revised tax schedule.

Director Everett R. Read was appointed by the statewide board to inquire into the progress being made by the National Association board to inquire to the promotion of research on electrical equipment for rural use.

Director G. Wayne Welsh was appointed to serve as a member of a four state committee which is to assist in making arrangements for the National Association's annual convention in March to be held at Chicago.

The board set the date for the State Association's annual convention for September 9 and 10 in Springfield.

NEWS FROM Corn Belt

Bloomington, Ill.

T. H. HAFER, Supt.

Bloomington Dealers Report Electric Ranges Now In Stock

For sometime past we have had many questions from people who would like to purchase an electric range but say they could not find one available. Several dealers in Bloomington now have them on hand and from this we assume that other dealers also have, or will soon have, electric ranges on the floor to sell. Two dealers have samples in the co-op office display window. They are ranges displayed by Miller Hatchery and A. D. Jones. We happen to know also that Lester Cornick, dealer in Normal, and Montgomery Ward in Bloomington also have ranges available at this time.

We would like all our members to know about this so that if they are buying a range they may buy the kind they desire. Remember

ELECTRICITY IS THE MATCH-LESS COOKING FUEL.

There are also some freezers and stock tank heating equipment on display at the co-op office. Anyone having a question as to the type of stock tank heater to buy we will be glad to give some additional information.

STOREROOM BEING REMODELED

More capacity is being needed for storage of materials in your co-op building. The first floor has been used since the building was purchased but now the time has come when more room is needed. A freight elevator is being installed and the upstairs being prepared for this use. This will give plenty of room on the first floor for truck storage.

FARM SURVEY

Members of the Co-op Booster Committee, including one member couple in each township, are assisting the co-op by making a survey of all un electrified farms in our area. When we get reports on this your co-op will know exactly how many additional places will need electric service. It is important that those who expect to need electric service any time in the next two years make their application so that we can order enough material to build lines. At the present time we have material enough on hand to connect all of those whose applications are in and some additional, but we hope to be able to take care of everyone as fast as they are ready.

H. G. Hallstein of Hittle Township, is the first Booster committeeman to get in his report. He had 15 places un electrified of which five signed for service. This we think is more than the average township will have.

Harlow Taylor and Harold Bircelbaw are two loyal members who are assuming this job for their township even though they plan to move soon. Harlow Taylor is moving to Arizona and Harold Bircelbaw to a farm south of Bloomington.

The fine cooperation of these Booster Committee members is a big help to the co-op.