

# ILLINOIS R/A NEWS

The Voice of 60,000 Members

VOL. 4. NO. 5.

SEPTEMBER—1946

SIXTEEN PAGES

## WISCONSIN CO-OP TO REDEEM STOCK ISSUED FOR NEWS' EARNINGS

### BULLETIN

Meeting at Centuria, Wisconsin, August 22, the directors of Wisconsin Electric cooperative decided not to submit a request at this time to the St. Paul Bank for Cooperatives seeking formal permission to liquidate the stock certificates issued to the subscribing Illinois cooperatives representing the 1945 net earnings of the Illinois REA News.

William E. Owen, president of WEC, advised the editor of the Illinois REA News by telephone that the board contemplates taking action on the matter of a cash redemption of the stock certificates "at the end of the year." Owen said a quorum was not present at the Centuria meeting and that William V. Thomas, general manager of WEC, was unable to attend due to an illness in his family.

Permission has been granted Wisconsin Electric Cooperative, Madison, by the St. Paul Bank for Cooperatives, to redeem in cash the stock certificates issued to subscribing co-ops for the 1945 net earnings of the Illinois REA News, according to a report made by Everett Read, vice president of the Association of Illinois Electric cooperatives.

Accompanied by A. D. Mueller, ed-  
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## OPA ORDER EFFECTS PRICES ON ITEMS NEEDED BY CO-OPS

Already troubled by acute shortages of transformers, the most scarce single item needed for construction of new lines and the maintenance of old ones, REA cooperatives now face the uncertainty of price fluctuations on such equipment as a result of OPA control over commodities and materials used in manufacture.

Under an order issued by the Office of Price Administration immediately upon resumption of business July 26 sales and deliveries of distribution transformers can be subject to future price increases. Manufacturers can collect the difference between present ceilings and later revised prices. This procedure OPA says, is "subject to agreement with the purchaser."

This appears to put REA projects in a difficult position and REA is  
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## WHAT'S THE ANSWER?

Understandably enough, the average REA co-op member may take the view that "there's going to be some kind of doings" at Springfield in connection with the rural electrification program.

The reason for the fifth annual convention and the part each co-op member plays in promoting the REA program will be found by turning the page and reading the editorial, "This Is YOUR REA Convention!"

Do YOU know the answers?

## Ralph V. White Named Manager of Divernon Co-op

On August 5, Ralph V. White of San Francisco assumed his new duties as manager of Rural Electric Convenience cooperative at Divernon, replacing Benjamin F. Snively who resigned June 15 to accept a position with a Nebraska engineering firm.

Although he returned from the West Coast to take charge of the Divernon co-op, White is no stranger to Illinois, having been born in Watson (Effingham county) and attend-



RALPH V. WHITE

ing school there before entering high school at Mattoon where he was graduated and went on to attend college at Charleston.

For several years after he left college, White worked for the Central Illinois Public Service company, getting a thorough knowledge of the practical side of electric distribution systems, working on construction, line work and maintenance. Later he was promoted to assistant superintendent at Bridgeport in Lawrence county and at Oblong in Crawford county.

Leaving the CIPS company, White moved to Constantine, Michigan, where for seven years he was manager of that city's municipal light and  
(Turn to Page Twelve)

## Truman Urges REA Program Curtailed To Fight Inflation

In an order to Secretary of Agriculture Clinton P. Anderson, March 2, President Truman directed the "slowing down" of the rural electrification program as a step conceived to help put the brakes on inflation. Anderson, in turn, directed REA Administrator Claude R. Wickard to comply with the President's order.

This directive, coming at a time when REA cooperatives are engaged in a struggle to secure even minimum quantities of materials and supplies to maintain their systems and to construct new lines, was received by co-op leaders and officials in stunned disappointment and surprise.

Consensus among co-op leaders is that rural electrification is not a public works and that new rural line construction tends to relieve the manpower shortage and increases food production, thus should not be construed as falling within the category of "government agencies" which the President urged to curtail their activities.

### President's Order

The paragraphs of the President's order to Secretary Anderson which  
(Turn to Page Twelve)

## Record Attendance Expected At Fifth Annual REA Convention

### OOPS, SORRY, EDGAR!

Through an error in reporting the names of the cooperatives in Illinois not members of the state-wide association, Edgar Electric co-op at Paris was listed as not belonging to the central organization. Edgar Electric is a member in good standing and the Illinois REA News regrets the mistake.

### "FARM DAY" PROGRAM FOR IAA-FARM BUREAU OFFICIALS; WICKARD, CROSS, SHUMAN, TO SPEAK

Preliminary estimates indicate there will be more than 500 visitors and delegates at the special "Farm Day" sessions of the state-wide REA convention September 5, the second of the three-day meeting to be held in the Abraham Lincoln hotel, Springfield.

Invitations to Farm and Home advisers, AAA chairmen and vice chairmen and the personnel of Farm Bureau offices

in the 102 counties of Illinois have brought response indicating a majority representation at the convention to hear addresses by such notables as Claude R. Wickard, REA administrator, Hugh W. Cross, lieutenant governor of Illinois, Charles R. Shuman, president of Illinois Agricultural Association, Arnold P. Benson, state director of agriculture, Prof. E. W. Lehman and Ralph R. Parks of the College of Agriculture, University of Illinois.

Special emphasis has been given by the Association of Illinois Electric cooperatives to the fact that the annual convention is open to all members of REA co-ops throughout the state, their guests and the general public. Dedicated to promoting rural electrification in Illinois, the state-wide association seeks to bring the important messages of the convention speakers to as many as possible.

### Business Sessions

Routine business of the state association will be discharged at the sessions on Monday, September 4, at which Mayor John W. Kapy of Springfield will officially welcome the delegates and convention personnel. Committee appointments will be made, delegate credentials examined and the machinery of the convention set into operation.

The Safety and Job Training program will be discussed by Prof. E.  
(Turn to Page Fourteen)

### All REA Members Welcome at State Association Meeting

Every member of an REA cooperative is cordially welcome to attend the state-wide convention of the Association of Illinois Electric cooperatives at the Abraham Lincoln hotel, Springfield, September 4, 5, and 6. Dedicated to the advancement of rural electrification in the state, the convention will bring a number of eminent speakers whose messages will be of vital and timely interest to REA members as well as to co-op leaders and official delegates.

Among those who will address the convention will be Claude R. Wickard, administrator, Rural Electrification Administration; Hugh W. Cross, lieutenant governor of Illinois; Charles R. Shuman, president, Illinois Agricultural Association; Arnold P. Benson, director, Illinois department of agriculture; Prof. E. W. Lehman, and Ralph R. Parks of the College of Agriculture, University of Illinois.

A tea and reception will be held at the Governor's mansion for the women attending the convention Thursday, September 5, and a special luncheon and entertainment for the women will be held Friday, September 6.

### PROGRAM 5TH ANNUAL CONVENTION

ASSOCIATION OF ILLINOIS ELECTRIC COOPERATIVES  
ABRAHAM LINCOLN HOTEL  
SEPTEMBER 4-5-6, 1946 SPRINGFIELD

WEDNESDAY, SEPTEMBER 4

9:00 A.M. Registration Opens

10:00 A.M. Meeting of Special Committees

AFTERNOON SESSION

Pres. Robert Schweickhardt, presiding

8:00 P.M. - 9:30 P.M. Hotel Ball Room

Call To Order ..... Pres. Robert Schweickhardt

Invocation ..... Rev. G. A. Wilson

Address of Welcome ..... Mayor John W. Kapp

Reading of the Notice of Meeting ..... E. C. Lewis, Secretary

Roll Call ..... E. C. Lewis, Secretary

Reading of Unapproved Minutes

1945 Convention ..... E. C. Lewis, Secretary

Appointment of Committees ..... President Schweickhardt

Credentials; Resolutions & By-laws, Auditing

Safety and Job Training Program ..... Prof. E. W. Lehmann

Report by Safety & Job Training Instructor ..... D. B. "Duke" Bidle

"Looking Ahead with the REA News" ..... A. D. Mueller, Editor, Illinois REA News

EVENING SESSION

Vice Pres. Everett R. Read, presiding

8:00 P.M. - 9:30 P.M. Hotel Ball Room

Entertainment

Panel Discussion—REA Regional Heads, led by Harold Whittle, Management Div., D. W. Baker, Finance Div., George Dillon, Applications & Loans Div., and Chris Schultz, Engineering Division.

Panel Discussion led by Everett R. Read

Motion Pictures—"The Farmer's Telephone"

THURSDAY, SEPTEMBER 5

Vice Pres. Everett R. Read, presiding

Morning Session 10:00 A.M. - 12:30 P.M.

Invocation

Remarks ..... Everett R. Read

Address ..... Arnold P. Benson, Director Illinois Dept. Agriculture

Talk—"Electrification Has Just Set In" ..... Prof. Ralph R. Parks, engineer, U. of I. College of Agriculture

Address ..... Chas. R. Shuman, president, Illinois Agriculture Assoc.

AFTERNOON SESSION

Pres. Robert Schweickhardt, presiding

1:45 P.M. - 4:00 P.M. Hotel Ball Room

Invocation

Address ..... Lieut. Governor Hugh W. Cross, State of Illinois

Introduction of Guests ..... A. E. Becker, Coordinator

Talk—"Farm Safety" ..... Prof. E. W. Lehmann, head, Agricultural Engineering U. of I. College of Agr.

Address ..... Claude R. Wickard, administrator, Rural Electrification Administration

BANQUET

7:00 P.M. - 9:00 P.M. Hotel Ball Room

Music ..... Gorsek Trio

Address ..... J. C. Nichols, president, National Rural Electric Cooperative Association

Address ..... Clyde Ellis, Washington, D.C., Executive Manager, N.R.E.C.A.

DANCING — 9:00 P.M. - 12:30 P.M.

Music by Gorsek's Orchestra

FRIDAY, SEPTEMBER 6

Pres. Robert Schweickhardt, presiding

9:45 A.M. Association Coordinator's Report ..... A. E. Becker

Association Treasurer's Report ..... E. C. Lewis

MANAGER'S ASSOCIATION COMMITTEES

Report of Labor Relations Committee ..... Herbert Downey

Report on Communications Committee ..... Lane Walker

Report of Insurance and Pensions Committee ..... A. C. Barnes

Report of Committee On Wiring Inspections ..... S. R. Faris

Report of Power Use Committee ..... T. H. Hafer

Report of Job Training & Safety Committee ..... Dean Searls

Report on Technical Developments ..... L. C. Groat

Election of Board of Directors ..... A. W. Lilienstein, Attorney

New Business

Unfinished Business

Adjournment

SPECIAL PROGRAM FOR WOMEN

ATTENDING THE CONVENTION

THURSDAY AFTERNOON, SEPTEMBER 5, 4:00 P.M. - 5:00 P.M.

Reception and Tea will be held at the Governor's Mansion one block South of the Abraham Lincoln Hotel, for all Women attending the Convention.

FRIDAY AFTERNOON, SEPTEMBER 6—

Luncheon—Program—Elk's Club, 509 S. Sixth St.

(Favors for all attending this luncheon)

Address of Welcome ..... Robert Schweickhardt, president, Association of Illinois Electric Co-ops

"What Makes The News For REA Women Readers" ..... Miss Joan Cameron, assistant editor, Illinois REA News.

# Editorial Page

## Illinois REA News

Published Monthly by the Association of Illinois Electric Cooperatives, Petersburg, Illinois.

A. D. MUELLER, Editor  
JOAN V. CAMERON  
Assistant Editor

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Postmaster: In using Form 3578-P, always give our key number, and address to PUBLICATION OFFICE

122 South Sixth Street, Petersburg, Illinois

Western Advertising Representative  
HAROLD POE SWARTWOOD  
123 West Madison Street, Chicago 2, Ill.



Entered as second-class matter June 1, 1943, at the post office at Madison, Wisconsin, under the Act of March 3, 1879.

### SUBSCRIPTION RATE

Members, per year .....60c  
Non-members, per year .....\$1.00

### THIS IS YOUR REA CONVENTION!

Springfield is so continuously host to conventions it is unlikely the natives of that bustling city will so much as notice the opening of the fifth annual convention of the Association of Illinois Electric Cooperatives during the first week of September.

But to members of REA cooperatives throughout Illinois and to those who have followed the growth and development of the Rural Electrification Administration program since its inception in 1935, the REA state-wide convention next month takes on great significance.

Among other things, it marks another hard-earned milestone along the path leading to the emancipation of the American farmer from the day-long drudgery of his labors and toward an era of better living, greater security, and a happier, more spiritual way of life. Remove the yoke of drudgery from a man and his soul will expand.

But the struggle toward this better way of life has really only begun. Those who have followed the progress of the REA program know that today more than at any time in eleven years, the powerful opponents of REA cooperative enterprise are girding themselves for a fight to the finish . . . to the finish of the REA cooperatives and a return to serving farmsteads with central station electricity only if a profit can be realized!

We have said before and will continue to emphasize that there is strength in numbers. This premise should be readily understood by the REA co-op member. By himself he could never have hoped to install central station electric service; combining his resources with his neighbors, he has been able to establish a cooperative distribution system which brings him the limitless benefits of electricity at cost. Only by his willingness to work in harness with others has this goal been reached.

But there are still many thousands of farmsteads in Illinois (and throughout the country) where electricity is still only a dream. Farmers in every area served by an REA co-op are still waiting for the

## Let's Make It 100%!

### ILLINOIS REA CO-OPERATIVES ASSOCIATION OF ILLINOIS ELECTRIC CO-OPERATIVES MEMBERS

- |                               |             |
|-------------------------------|-------------|
| ADAMS ELEC. CO-OP             | CAMP POINT  |
| CLINTON CO. ELEC. CO-OP       | BREESE      |
| COLES-MOULTRIE ELEC. CO-OP    | MATTOON     |
| CORN BELT ELEC. CO-OP         | BLOOMINGTON |
| EASTERN ILLINOIS POWER CO-OP  | PAXTON      |
| EDGAR ELEC. CO-OP             | PARIS       |
| EGYPTIAN ELEC. CO-OP          | STEELEVILLE |
| FARMERS MUTUAL ELEC. CO-OP    | GENESEO     |
| ILLINI ELEC. CO-OP            | CHAMPAIGN   |
| ILLINOIS RURAL ELEC. CO-OP    | WINCHESTER  |
| ILLINOIS VALLEY ELEC. CO-OP   | PRINCETON   |
| JO-CARROLL ELEC. CO-OP        | ELIZABETH   |
| M.J.M. ELEC. CO-OP            | CARLINVILLE |
| Mc.DONOUGH POWER CO-OP        | MACOMB      |
| MENARD ELEC. CO-OP            | PETERSBURG  |
| NORRIS ELEC. CO-OP            | NEWTON      |
| RURAL ELEC. CONV. CO-OP       | DIVERNON    |
| SHELBY ELEC. CO-OP            | SHELBYVILLE |
| SOUTHEASTERN ILL. ELEC. CO-OP | HARRISBURG  |
| SOUTHERN ILL. ELEC. CO-OP     | DONGOLA     |
| SOUTHWESTERN ELEC. CO-OP      | GREENVILLE  |
| TRI-COUNTY ELEC. CO-OP        | MT. VERNON  |
| WAYNE-WHITE CO. ELEC. CO-OP   | FAIRFIELD   |
| WESTERN ILL. ELEC. CO-OP      | CARTHAGE    |

### NON-MEMBERS

- |                         |          |
|-------------------------|----------|
| CLAY ELEC. CO-OP        | FLORA    |
| MONROE CO. ELEC. CO-OP  | WATERLOO |
| SPOON RIVER ELEC. CO-OP | CANTON   |

Thousands of visitors to the Illinois State Fair this year visited the booth set up by the Association of Illinois Electric cooperatives where the above sign attested to the growth of rural electrification throughout the state during recent years. Only three REA co-ops are not members of the state-wide association. There is a tough struggle ahead with those powerful forces whose aim is to hamper or destroy the REA cooperative program. There is strength in numbers. Lets have 100% membership in the co-ops' own state organization!

day when their meter pole will be installed, their lines energized and the burdensome chores now done by hand converted into light tasks with the help of a few kilowatt hours.

Those who are still waiting for electricity need their local REA cooperative. But so too, does the local REA cooperative need these farmer-members on its lines. Growth is the healthiest sign of an REA electrical distribution system and it means too that the philosophy of "complete area coverage" is not mere idle talk but the driving force in striving for a better way of life among those who dwell and work on America's farms.

What has all this to do with the Fifth Annual Convention of REA cooperatives in Springfield?

Simply that this state-wide convention is the focal point each year for the entire rural electrification program among the REA cooperatives in Illinois. From it springs new inspiration, new courage, new ideas, a renewed determination to carry on boldly in the face of the opposition.

Every member of an REA cooperative has a stake in the rural electrification program;

every member should give willingly of his support to those who are leading the way toward bringing electricity to every unserved farm in Illinois. That support can be shown actively by attending the convention September 4, 5 and 6 and then returning to your own community to preach the doctrine of service through free cooperative enterprise . . . which is REA cooperative enterprise.

### MORE DEATHS NEEDED TO WIN FIRST PLACE!

Illinois emerged in fifth place in the national race to see which state could kill the largest number of citizens over the long Fourth of July holiday week-end. Twenty-four persons met death in our state between Wednesday afternoon and Sunday night as the largest crowds since before the war swarmed to the lakes and rivers, to the country, to recreation spots, jamming our highways with more cars than service station attendants have seen since pre-gas rationing days.

Figures released by the National Safety Council show that we are rapidly reaching a total of fatalities which will

exceed our previous high and so far, every effort to combat this tendency toward more and more accidents has resulted in dismal failure.

There is perhaps nothing new to be added in the way of an appeal to motorists to exercise reasonable caution in driving a powerful piece of machinery along the highway. Oddly enough, intelligent, conservative persons, once behind the wheel of a car, seem to go berserk, taking outlandish chances, speeding in restricted areas, swerving in and out of traffic lines, passing on blind hills and curves . . . all of the maneuvers which court sudden death or send maimed and broken passengers for a patch-up job in the hospitals.

We don't know what statistics will show, but from our own observations we are reluctantly forced to admit that many farmers are hazardous drivers who show no appreciation of the dangers of the road and blithely ignore even the common courtesies which, when observed, cut down the number of accidents.

In the past thirty days we have made a special point of keeping track of farm trucks on the highways, and observ-

ing cars known to be driven by farmers . . . those which swung out of farm yards with an overalled, straw-hatted man of the soil at the wheel.

We counted eight such drivers who rolled through their gates and into the highway directly in the path of oncoming traffic without so much as a pause or the blare of a horn to announce that they were willing to kill or be killed.

On two occasions drivers rolling ahead of us, suddenly swung over into the lefthand lane of the highway without so much as a hand signal, and continued along on the wrong side for nearly half a mile, where they turned left onto a side road or into a farm yard. Following along behind, there was no way to fathom what these drivers had in mind. Nothing to do but creep along slowly behind them and wait for the unexpected.

We have always boasted that farmers are not lazy, but we have discovered they are . . . dangerously so. They will drive the open highway at a good clip, suddenly slow down, causing all the traffic behind them to apply brakes, roll at a slower pace for a quarter of a mile, then duck off the road, all without so much as a hand signal which would have indicated their intentions.

Those few farm drivers who condescend to use hand signals, do so with such lazy gestures they might as well save themselves the trouble. We have seen many a hand dangle from the driver's side of farm pickup trucks, waving casually just outside the window, indicating nothing. The driver might be flicking ashes from his cigarette for all the message he conveys, but apparently satisfied he has given an understandable signal, he turns off to the right after swinging wide into the highway, before turning.

So many farm drivers do this sudden weaving before turning off, whether to right or left, that we became curious as to the reason. After making many inquiries, we finally came up with the one answer that makes sense . . . and makes accidents!

Farmers who work row-crops with their tractors, when they reach the fence, must swing one direction, then cut the wheels sharply in the opposite direction, to head back into the rows adjacent. That is the way they make a loop-turn in the narrow space along the fence. No hand signals needed!

Apparently this maneuver is carried over to highway driving by many farmers because we have watched in annoyed fascination while the farm truck just ahead swerved clear across the center line before turning to the right into a side road or farm gate. By the same token, we have watched these farm drivers swing almost off the right hand edge of the road before suddenly swinging clear across in front of traffic to dart off to the left. No signals here, either! But they were needed!

Any change in direction indicates to other motorists that a driver is planning to make a change in his course. Swinging to the right would normally indicate the car (or truck) intended to leave the highway in (Turn to Page Seven)

## Eastern Visitors Find REA Program Educational



On a nation-wide field trip, this group of students of Montclair (New Jersey) State Teachers College, included an all-day visit to an Illinois REA cooperative and the "typical electrified farm" of Henry B. Colby, president of Menard Electric coop. Arrangements were made in advance of the group's arrival with Fred E. Darr, electrification adviser of the co-op, who conducted the tour which also included a visit to Lincoln's New Salem state park near Petersburg. Many of the visitors had never seen a cow or a pig

before; all expressed delight and amazement at finding the Middle West so dotted with electrified farms and great appreciation was shown for the modern conveniences and electric appliances found in Mrs. Colby's charming home. Mr. and Mrs. Colby are at the extreme left and Fred Darr is at the extreme right of their guests-for-a-day. Highlight of the visit to the Colby farm was the dispensing of ice cream and cookies to the whole "gang" after the farm tour was ended.

## Low Voltage May Damage Electric Motors Unless Precautions Taken

By H. G. STULTS, Engineer  
M. J. M. Electric Cooperative  
Carlinville, Illinois

Of all the knotty problems which beset a co-op manager and his line crews, none causes more gray hairs or more hours of worry than interruptions in service to the co-op members. Despite all that can be done to provide continuous service, there are certain conditions beyond the control of the co-op management which will cause an interruption of service from time to time.

Since it is impossible to entirely eliminate outages, the best a co-op can do is to work to restore service as promptly as possible and in this important phase of co-op service, the members can play a very important role in assisting the manager and line crews by following a few simple rules if they have an interruption of service on their lines.

The first thing a co-op member should do if his lights suddenly turn dim, indicating a low-voltage on the line—or if service is entirely interrupted, is to immediately disconnect all his electrical appliances and as many of his electric motors as may be practicable. By simply turning off all switches, perhaps leaving only one light turned on to tell him when service has been restored, the co-op member will have done a great deal to help the troublemen to get electricity back into the lines.

### Check All Appliances

It is an excellent idea to make a list of all electrical appliances on the farm and to post it where it can be seen and checked off as appliances are disconnected should there be an interruption of service. Such a list might prevent injury to a water pump motor, for instance, during a period of low voltage, if the owner should forget that his pump is still connected and might overheat before full voltage is restored. It is generally the appliance that is forgotten that suffers injury during a low voltage period.

The general characteristics of practically all electrical appliances are such that the starting current, or the current necessary to put them into operation, greatly exceeds the normal full load current. If the co-op members will observe the momentary dimming of lights when, for example, a washing machine motor is started on the same circuit under normal conditions, he can readily understand

the problem of picking up an extra heavy load on the system caused by large numbers of appliances being left connected.

Washing machine motors and other light duty motors, such as are used on grinders and equipment requiring low starting torque, are generally of the split phase type. This type of motor costs less than other types, but requires an extremely high starting current. This momentary starting current may be as great as ten times the normal running current of the motor.

The motors used on refrigerators, water systems and other high starting torque equipment are usually of the type that require less starting current than the split phase type. They will, however, require a greater amount of current to start than is required to run them when they come up to full speed.

### Resistance Units

The resistance type of appliance, such as stoves and heaters, will momentarily draw a heavy current when picked up cold. A cold lamp bulb, for instance, will take about 200% more current than a hot one.

In addition to the extra current required to pick up such appliances as may have been left connected when the power is interrupted, the troubleman from the co-op is confronted with certain inherent characteristics of the distribution system itself.

Cold lines take extra excitation or charging current. All the distribution transformers require excitation current before they can deliver load. At the same time, the over-all voltage and power factor of the system may be abnormal if the trouble is general. The normal sectionalizing devices, which are the "watch dogs" of the system, may be called upon, due to all the excess current to operate at values of current above their settings.

Conditions may be such that when service is restored the voltage will not be high enough to carry motors connected to the system. This is particularly true of motors which are automatically controlled such as water pumps and refrigerators. If these motors are not equipped with thermal control devices, they may attempt to start and due to low voltage, never come up to proper running speed. Such conditions may soon burn out the windings of the motor and the co-op mem-

ber will be put to considerable expense for repairs. If motors are protected by a thermal control device, they will not attempt to run under low voltage conditions and there is no danger of them being damaged from this condition on the lines.

### Know Your Equipment

Lack of knowledge about the elec-

trical equipment and appliances on the farm and in the home may be costly for many reasons and every co-op member should learn as much as he can about the electrical equipment he operates in order to keep it in efficient operating condition and to avoid damage to it when unusual conditions prevail on the line.

It is a good idea to study the

specifications of motors and appliances when they are purchased and to understand enough about them to know when they require attention or major repairs. By the same token, it is important to know what type of motors are on each piece of equipment in order to know if equipment will be damaged by a period of low voltage.

It would be advisable for the co-op member who does not have sufficient knowledge of his electrical equipment, to consult with the electrification adviser or manager of his local co-op to learn what types of motors he is using and to learn what steps to take to protect his equipment under all conditions.

In general, however, the best procedure to follow if there is an interruption of service of any substantial duration, is to play safe by disconnecting all electrical equipment until service is restored. In addition to greatly helping the troublemen on your co-op who are working to get power back into the lines, such cooperation by the members themselves will often reduce the length of time of the outage.

Likewise, if lamps do not burn at their usual brilliance, low voltage is indicated and under such conditions it may not be safe to leave automatic appliances connected unless they are protected by suitable thermal control devices. Before taking a chance that equipment is so protected, check with the co-op office about such equipment and be sure you know what is the best thing to do with it in the event of a low-voltage period of an interruption of service.

KNOW YOUR COOPERATIVE!

## This Wagner Transformer is Surge-Protected with Fuse and Double Gap

**DOUBLE GAP** is birdproof. It is located on the high-voltage bushing, and is set with gap spacing equivalent to a 2 1/2" rod-gap which limits the flashover to a suitable value for 7200 and 7620-volt rural-line service.

**PROTECTIVE FUSE** is located in the high-voltage bushing, thus placing it between the line and the high-voltage winding. The time characteristics closely approximate the time-current characteristics of standard fuses, making it possible to coordinate the protective fuse with sectionalizing fuse links. It is timed to fuse within two seconds when a fault is sufficient to allow two times the normal short-circuit current of the transformer to flow within the high-voltage winding.

**HANDHOLE** of generous dimensions is provided to allow easy access to tapchanger. Cover is easily removed and replaced.

**COVER** is secured by clamps which can be quickly loosened and rotated to release the cover for access to bushings, terminal leads, etc. Design of clamps is such that there's no danger of bolts or nuts dropping into the tank, as they are loosened rather than removed.

**GAP** is provided on low-voltage bushings to prevent surges on low-voltage side from reaching the secondary winding.

**GROUNDING STRAP** of flexible braided copper grounds low-voltage winding externally to the tank wall via low-voltage neutral bushing. Another grounding strap inside tank grounds high-voltage winding to a grounding lug welded to inside tank wall.

**CONNECTION DIAGRAMS** are clearly shown on nameplate. Low-voltage bushing terminals can be connected for series, multiple, or 3-wire service.

**GROUND LUG** for grounding transformer is of solderless connector type and fits into a threaded pad welded to the tank.

TRANSFORMER LEAD

Wagner HEBF transformers are available with a "bird-proof" double gap on the high-voltage bushing and a protective fuse in the high-voltage circuit.

When these protective devices are combined in a Wagner type HEBF, no other surge protection or transformer fuses are required.

The HEBF thus equipped is but one of several types of protected Wagner transformers. For the complete Wagner rural-line transformer story, ask for BULLETIN TU-1C, and address your request to Wagner Electric Corporation, 6462 Plymouth Avenue, St. Louis 14, Mo.

**Sales & Service Branches Serving Illinois REA Cooperatives**

2411 S. South Parkway Chicago 16

2023 Locust St. St. Louis 3

# Wagner WE Electric

LOCKHEED HYDRAULIC BRAKE PARTS and FLUID... NoRoL... CoMoX BRAKE LINING

AIR BRAKES... TACHOGRAPHS... INDUSTRIAL BRAKES... ELECTRIC MOTORS... TRANSFORMERS

## NEWS FROM M.J.M. Co-op

Carlinville, Ill.

A. C. BARNES, Mgr.

### WELCOME NEW MEMBERS

Charles Newby, Plainview, Ill.  
Victor Borman, Carlinville, Ill.  
Murrel Jacobs, Godfrey, Ill.  
John Becaw, Brighton, Ill.  
Warren M. Halford, Bingham, Ill.  
J. Paul Buser, Litchfield, Ill.  
Charles Moreland, Medora, Ill.  
Fred F. Barrett, Dow, Ill.  
Monroe Garcelon, RR No. 1, Jerseyville, Ill.

### JUNE OPERATING REPORT

Number of Miles Energized	702
Members billed	1772
Density per mile	2.75
Average KWH Consumption	
Farm	141
Residential	50
Minimum Bills	416

### JERSEY COUNTY CONVERSION

In the near future we will start conversion work on our existing line running south and west of Jerseyville to Otterville. The existing line is now two phase and in view of the fact that the contractor is building a new line on west of Otterville to Nutwood it is necessary for us to add a third wire to the existing line running south and west of Jerseyville to Otterville. In order to do this work we will be required to turn off the power on this line during the day from 8:30 a. m. to 4:30 p. m. It will require about a week to complete the work.

We are sorry to cause you members on this particular line to be without service while this work is being completed. It is therefore our suggestion to you who are pumping water with electricity to store up enough water early in the morning to last through the day. There is no danger to your refrigerators and your box will keep cool all day if you refrain from opening the door as much as possible. To those who have electric stoves, you may be forced to enjoy a picnic lunch on those days if you do not have other means of cooking. It is our intention to call upon you before the work starts to give you ample time to make such preparations before the power is turned off.

### REGIONAL MEETING

The Regional Meeting of the Board of Trustees of the three Cooperatives of this region which includes the Rural Electric Convenience Cooperative, Divernon, the Southwestern Electric Cooperative, Greenville and M.J.M. Electric Cooperative, Inc., Carlinville was held at Litchfield on July 10th.

At this meeting Robert Schweickhardt, Dow, was again voted to represent the region on the State Board of the Association of Illinois Electric Cooperatives. Mr. Schweickhardt is now president of the State Association. George Simmons, Farmersville, was elected secretary for the coming year.

The annual meeting of the Association of Illinois Electric Cooperatives will be held in Springfield at the Abraham Lincoln Hotel on September 4-5-6. This is an open meeting and any member of this Cooperative is privileged to attend any or all sessions of the meeting. If you happen to be in Springfield on these dates, it is our hope that you will attend some of the sessions of this meeting because there are some very fine speakers and entertainment listed for the three days.

Additional information in regard to the meeting will be found in another part of this issue of the "News."

### MANAGER'S PICNIC

Mr. and Mrs. A. C. Barnes, Manager, of your Cooperative entertained the district managers of the Association of Illinois Electric Cooperatives, their wives and families at a picnic and all-day meeting Wednesday, July 17th, at the Gillespie Country Club.

Mr. Barnes is retiring president of the Association. Victor Kallal of Greenville succeeds him.

Bloomington, Paxton, Champaign, Paris, Mattoon, Shelbyville, Greenville, Divernon and Carlinville were

represented at the picnic.

### Rural Chorus To Present Recital

One of the features of the Illinois State Fair was the recital of the 1946 Rural Chorus presented on August 16th at seven p. m., daylight saving time. There were some 700 voices in the chorus and the singers came from 17 counties. Dr. D. E. Lindstrom and E. H. Regnier, of the University of Illinois supervised the project.

### County Festival and 4-H Show

A 4-H sitow and county festival were held Thursday and Friday, August 1st and 2nd at Blackburn College gymnasium and Cogan's Green, Carlinville, for the purpose of bringing 4-H Club work activities to the public attention.

The sports festival was under the direction of the Rural Youth Organization in the county and a complete program of farm sports activities was enacted. It included softball for adults as well as 4-H and youth division track, archery and horseshoe pitching, hog calling and many other events.

### Largest Crop Acreage Since 1918

This season's Illinois farm crop acreage is the largest since the war year 1918, and current prospects point to the largest corn crop ever raised in the state. The forecast of 461,244,000 bushels of corn compares with 391,390,000 last year. The previous high records of 445,000,000 were made in 1902 and 1937.

Corn and soybean prospects are especially good in central and northern Illinois following timely rains and hot, humid weather in late June and early July. The state's oat crop is estimated at 169,979,000 bushels, exceeding last year's big production of 158,102,000 bushels.

### Harms-Peebles Wedding

The marriage of Miss Bernice Harms to Howard F. Peebles, son of the late Mr. and Mrs. Lee Peebles of Whittier, Calif., has been announced by her parents, Mr. and Mrs. Otto Harms. Rev. John Kenney performed the double ring ceremony in the Little Chapel of Sacred Memories, First Methodist church in Bakersfield, Calif on July 5th.

Mrs. Peebles is a graduate of Carlinville Community High School, class of 1936, and for several years was employed with the Macoupin Service Co., Carlinville. A year and a half ago she went to Whittier and was employed by the Wilshire Oil Co., from which position she has resigned.

Mr. Peebles graduated from the Frank Wiggins Trade School, Los Angeles and is now employed at the Whittier Auto Electric.

### VACATION TIME

Claud McAfee, lineman, and Wm. Yost, groundman, for your Cooperative have completed their vacations and report that fishing was excellent.

Mr. Jack Scroggins, lineman, is also on vacation, but from all indications most of his time will be taken up painting and running his farm.

### Member News Items

Mr. and Mrs. Harold Stottler of Brighton are the parents of a daughter, first child, born at the Alton hospital July 20th. Mrs. Stottler is the former Leatrice Best, daughter of Mr. and Mrs. Lee Best, Carlinville. The little grandchild is the first in the Lee Best family.

Mr. and Mrs. Oren Wagner, Greenville, are now enjoying the service of an electric range.

J. W. Braundell, Hettick, is building a new structure to replace the barn destroyed by fire last spring.

During a severe electrical storm which recently struck the territory served by M.J.M. Electric Cooperative, Inc., the newly constructed dairy barn of Howard G. Stults, engineer for your Cooperative, was completely destroyed by fire after being struck by lightning. No livestock was lost.

He: "We sure had a good time last night for only fifteen cents."

She: "Yes, and I wonder how my little brother spent it."

Golf liars have one advantage over the fishing kind. They don't have to show anything to prove it.

"Oh, mother," exclaimed little Gerald when he saw a snake for the first time, "Come here quick. Here's a tail wagging without any dog!"

## NEWS FROM Jo-Carroll

Elizabeth, Ill.

FLOYD RUBLE, Mgr.

### Board of Directors

President: Everett R. Read, Elizabeth.

Vice President: E. L. Dauphin, Savanna.

Treasurer: Morris W. Birkbeck, Galena.

Secretary: Berniece Moore, Hanover.

Roy Schlichting, Apple River.

Boyd Handel, Chadwick.

Henry G. Dittmar, Elizabeth.

Harry J. Stanger, Hanover.

Carl Maring, Chadwick.

### Manager

F. I. Ruble, Elizabeth.

### WELCOME NEW MEMBERS

Raymond Haas, Massbach, Ill.

Robert W. Smith, Mt. Carroll, Ill.

Willis Deininger, Galena, Ill.

Joseph Downey, tenant on the Bough Bros. farm, Stockton (Reconnection for this farm).

### OPERATING STATISTICS

KWH Purchased	134,100
KWH Sold	99,222
Connected Members	871
Miles Energized	410
Density per Mile	2.12
Months of Operation	73
Total Number Billed	835
Average bill (Farm)	\$5.76

HONOR ROLL FOR JULY

The first 25 meter cards to be returned in July were from: Well, look who heads the list this month, Ross Potter, (our assistant bookkeeper's pop); C. R. Colehour, Ma. Carroll; A. B. Schmitz, Savanna; Erwin Spoerl, Elizabeth; Gotthilf Haas, Elizabeth; John A. Reusch, Elizabeth; Herman Krug, Elizabeth; Wm. K. Zink, Massbach; Orville Boldt, Elizabeth; Ed Ellinor, Elizabeth; Joe Reusch, Elizabeth; L. V. Clarkson, Elizabeth; S. C. Anderson, Elizabeth; Raymond Patterson, Elizabeth; Harold VandeDrink, Elizabeth; Homer Gray, Hanover; Ed Sweeney, Hanover; Herbert Shelly, Hanover; Clyde E. Hamilton, Hanover; Ellison Bertsch, Hanover; Proving Ground Villa, Hanover; George Bertsch, Hanover; Paul Grim, Chadwick; Alvin Hook, Chadwick; and George Stine, Scales Mound.

The first 25 members to pay their July bills were: Gotthilf Haas, Elizabeth; Anton Kehl, Massbach; Bernard Berlage, Elizabeth; Ralph Groezinger, Elizabeth; Elmer Plosch, Elizabeth; John Cook, Elizabeth; Ralph Leibert, Elizabeth; Rudolph Albrecht, Massbach; Frank Randecker, Elizabeth; John Freeman, Hanover; Henry Haas, Massbach; John Groezinger, Elizabeth; Glen Haas, Elizabeth; Harold Potter, Hanover; Wm. Kilpatrick, Hanover; Ivan McGinnis, Hanover; Wallace Martin, Hanover; George Ertmer, Elizabeth; George Stine, Scales Mound; J. H. Airhart, Savanna; Benjamin Siegel, Apple River; Burton Engelking, Mt. Carroll; Gus Berlage, Elizabeth; Raymond Heer, Elizabeth; and Fred Law, Savanna.

The heaviest farm users for the month were: Neal V. Dauphin, Savanna, 764; Ben H. Eden, Stockton, 654; L. C. Hesselbacher, Scales Mound, 640; Walter Schlichting, Apple River, 619; Emmett Pettigout, East Dubuque, 590; Birkbeck Bros., Galena, 584; Wayne Merboth, Lanark, 549; Harold W. Reusch, Elizabeth, 535; LaVerle Groezinger, Elizabeth, 532; Lawrence Meyer, Elizabeth 528; Maynard Gothard, Mt. Carroll, 525; Sophie Eden, Stockton, 510; J. Sherman Parkinson, 494; Arthur M. Read, Elizabeth, 455; Kenneth Schneider, Mt. Carroll, 452; Everett C. Beebe, Scales Mound, 444; Haven Noser, Lanark, 439; Dittmar Bros., Apple River, 433; Ralph Groezinger, Elizabeth, 429; Louis Haugh, Elizabeth, 429; John Rogers, Hanover, 424; Eugene McAdams, Jr., Hanover, 417; Frank Flack, Hanover, 413; August Siemen, Hanover, 412; Henry Miller, Apple River, 410; Frank L.

Burns, Jr., Hanover, 409; Elmer C. Fink, Chadwick, 406; R. R. Hostman, Elizabeth, 404; George Getz, Mt. Carroll, 402; Ben Rosenberry; Chadwick, 394; Hugh Mills, Hanover, 390; Lester Dittmar, Stockton, 382; Robert C. Carson, Savanna, 377; Clarence Bonhoff, Elizabeth, 376; Art and Roy Schlichting, Apple River, 374; Earl K. Burmeister, Lanark, 360; Willis A. Hammer, Scales Mound, 374; Ralph Norris, Galena, 353; Lewis Gerlich, Hanover, 350; Wm. E. Roberts, Sr., Stockton, 350.

### NEW APPLIANCES

Mrs. Bertha Handel: Iron and fan.

Mrs. Harry Brandt: Washing machine, iron, hot plate, pump jack and radio.

L. W. Groezinger: 3 h.p. motor.

Kneal E. Hook: Steam-o-matic iron.

Benjamin Siegel: Mixmaster.

L. A. Weede: Pump jack and motor.

Clyde Uehren: Iron, toaster, 1/2 h.p. motor.

Wayne Heidenreich: Water heater, hot plate and brooder.

Wm. E. Smart: Toaster, food mixer and heating pad.

Sam Keller: Fan.

Ben Merboth: Fan.

Kenneth Schneider: Stem-o-matic iron, and radio-phonograph.

S. A. Townsend: Hot plate and water heater.

Lee R. Bucher: Milking machine.

Arthur Williamson: Pump.

### OUTAGE REPORT

There were 17 outages in July as compared with 11 during June. Seven of these were remedied by refusing the cut out at the substation, outages having been caused by birds and squirrels.

Two were individual outages; 2 were caused when the circuit breaker locked out; one of quite long duration was caused when a tree limb broke off and fell over the line necessitating sectionalizing and patrolling. The remainder of the outages were remedied when the cutouts were refused on Lead 23, Lead 6 and Lead 3. It seems that the cutouts have greater power of attraction through the summer months for that is when most of the birds and squirrels meet their doom, making interruptions in service when it seems that there is no apparent cause.

The REA Cooperative Managers of this district met in Elizabeth on July 19th. Present for this meeting were: A. E. Becker, of Menard Electric Cooperative, Petersburg; Ted Grote, Spoon River Electric Cooperative, Canton; Stanley Farris of Illinois Rural Electric Company, Winchester; Dean Searles, Adams County Cooperative, Camp Point; L. C. Marvel, Western Illinois Electric Cooperative, Carthage; and Walter Parsons, Farmers Mutual Electric Cooperative, Geneseo.

## NEWS FROM Illinois Valley

Princeton, Ill.

JOHN H. WOLFE, Mgr.

### Cooperative To Hold Annual Meeting

On September 24, the members of this Cooperative will hold their Annual Membership Meeting in Princeton, Illinois, for the purpose of electing three directors to serve for a term of three years, to hear reports of officers and manager of the Cooperative and to enjoy some good entertainment furnished by Cooperative members as well as to partake in the drawing for prizes and refreshments. The exact place of the meeting has not been specified as yet but each one will get a detailed notice of the meeting later on after the place has been secured. The Farm Bureau auditorium has been used for the past few years but we learned last year that it was far from being large enough to accommodate the attendance. Leading manufacturers of electrical appliances are donating electrical gifts to be given away and your Cooperative will also

donate some items. They will include motors, lamps, irons, lamp bulbs and other electrical appliances. Remember the date is September 24 and everyone is invited whether a member or not. We have issued an invitation to officials of the Rural Electrification Administration to be present but we have no indication as yet whether or not the invitation will be accepted. The meeting will start promptly at 1:00 Daylight Savings Time, so make arrangements now to attend. A good time is promised for all.

### News of Folks Along the Line

Recently the family of Gifford Thompson, Putnam, Illinois, was quarantined with the scarlet fever.

Since no mail could be sent from the home, they were unable to get into the office or mail their bill, so your Director living in that community, Madge Nye, came into the office on July 17 and took care of the bill for them. Thanks, Mrs. Nye.

Mr. and Mrs. Ned Shettel, Wyanet, are the parents of a baby boy, Norman Leslie, born July 11 at the Princeton hospital.

A group of relatives gathered at the home of Mrs. Carrie Hansen, Sheffield, July 28, to celebrate the first birthday of little Paul Hansen, son of Mr. and Mrs. Boyd Hansen, Cooperative members.

Mr. and Mrs. Albert Smithey announce the birth of a son born July 29 in Princeton hospital. The baby was named Albert Neal.

Billy McCloud, son of Mr. and Mrs. Hubert McCloud, R. 1, Princeton, fell Saturday morning, July 27, from a hay rack and broke his right arm in two places. He was a patient at Perry Memorial hospital in Princeton.

A son was born July 31 to Mr. and Mrs. Donald Crosby, Sheffield, at St. Francis hospital in Kewanee.

Randell Lee Stockner, 2 year old son of Mr. and Mrs. Robert Stockner, R. 1, Kewanee, is a medical patient at Kewanee Public Hospital.

Mr. and Mrs. William Haverback, Annawan, announce the birth of a daughter at St. Francis Hospital, Kewanee, July 31.

Outages! Outages! Outages

During the past three weeks, the Cooperative has experienced one of its worst sieges of outages despite the fact that the weather has been nice and there has been no electrical storm. Two oil breakers, one on one phase of the P line serving P6 and P8 and the other on the X3 line have refused to reclose several different times and have necessitated the removal of these breakers for maintenance on them. Two outages on the E6 line were traced to a motor in use by one of the members on that line that grounded and burned up two successive transformers. We have had many individual transformer fuse outages reported that are caused by squirrels, birds and in one case by a tom-cat. We hope that this siege will soon be over and that those lines affected will return to their normal good service.

Director Takes Vacation Trip

Mrs. Edith Kays, Ottawa, Cooperative director and Board secretary, and her husband, John Kays, left on August 7 for a vacation trip through the western states including the Yellowstone National Park. We hope that Mrs. Kays had a nice trip and we are looking forward to hearing of some of the highlights experienced.

Employees Enjoy Picnic

The employees and their families of the Cooperative enjoyed their annual picnic at the City-County Park north of Princeton on July 15. About 24 were in attendance, including a guest, Billy Harrison of Lewiston, Illinois, son of the former Cooperative bookkeeper. A covered dish dinner including fried chicken and all the trimmings was enjoyed and baseball was played both before and after the dinner.

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

**Outages**

In clarification of the reporting of outages on the Project, we again wish to state that the major line outages will be taken care of first, and the individual outages will be taken care of after the major line outages have been completed, with the exception of major individuals, whose outages would cause financial loss. We still have some individuals that know where the trouble is but do not report this trouble, nor do they so inform our crews when they call upon them for the location of this trouble. Again we can not stress too strongly any time any individual notices something unusual on the line, to report this to the office which will in all probability shorten the outage on any particular section.

Just this month we had one outage wherein a line had kicked out three different nights and after having patrolled this line, each time the line held. We realized that there was trouble on the line, but not being able to see it on the fourth trip to correct the outage, we could not get the line to hold when making the test, and through a process of elimination we eliminated it down to a small section and after making our routine patrol and then stopping at one of the stores to make a check, by very strong questioning it was found that one of the members knew of the trouble in that he had heard a very unusual noise on one of the poles, and upon investigation by the crew, we found the trouble for this particular line. It was a bad insulator which was not completely broken off, and could not be seen from the ground, but after straightening it out, no more trouble was realized. These are the items that cause us untold trouble, as they can not be seen from the ground, and unless an unusual noise is heard, the only alternative we have is climb each pole and test these insulators.

Again we wish to state that at any time any member notices any unusual noise on the line to call the office collect, and if the wire, that is the main wire from the transformer to the house is noticed down, or where it can be touched, please see that the office be immediately notified, so that correction can be made.

As the first wire is the hot wire, it carries sufficient voltage to kill any individual or animal that would come in contact with it. We found a couple places during the last month where the cross arms had been broken and the wire hanging down; also at one place the pole had been broken off and I am sure that several members had noticed this trouble, but did not take the time to report it. These were in out of the way places, and would not have been found, had we not happened to pass by that way.

We also have had several cases where the members who ordinarily report, waiting four or five hours before reporting the outage. As we have stated previously, in this column, that any time the line is out for the individual to wait only 5 or 10 minutes, and then to call in, as the boys go to work at 7:00 and unless these calls are in here early, it is too late to catch them.

**Merchandise Available**

The Cooperative has been receiving a few items of electrical equipment during the last month, and it is the hopes that this material will begin rolling through in the very near future. Those individuals who have placed their name on our list are still in their same position that they originally signed for, as we are going down the list as quickly as merchandise is received for release to these individuals. We received three washers, one refrigerator and one range and of course these are going to the members on top of the list, and

if your name is not on the list it would be well to get it on, as there is no obligation in taking the equipment if the names are on the list, as we send out notices to each individual of the equipment received, which they have indicated their interest. On equipment that is on sale to any individual, we have now a supply of 5 and 7½ h.p. mills, along with the motors for the 7½ horse. These can be operated by tractor as well as by electric motors. We also have a 2 can milk cooler available and also a supply of 1 inch three strand rope. We will have a supply of the 18 inch bolt cutters and the steel work benches which are 11 feet long; ½ of the table space being in assorted size drawers, the other space for working. These have a laminated table top and sell for \$40.00.

**Wiring**

For those individuals on the C section who have waited about wiring their premises, we can not state too strongly, that they should begin giving some consideration to getting their premises wired. The wiring situation at this time is critical and we do not look for a great deal of let up in the near future. For this reason, there may be some individuals who will be eligible for service and we are not planning to install transformers due to the fact that their premises are not wired. The transformer situation is very critical, more so than it has been during the last five or six years and for this reason, there will be no transformers installed on any of the new C line that are not wired, until the transformer situation clears up and transformers are readily available. We have at this time approximately 25 miles of line of the B completion for which no transformers are available but as soon as they are available we will install them immediately. In order that you members may have a little better idea of the operation of our Project, we have not made it a practice of inserting our operation report in this column, but in order that you can compare it with the other project in the state, we will give you the operating statistics for the month of July.

Miles of Line .....	475
Number of members .....	2159
Density per mile .....	4.5
Revenue per mile .....	\$18.53

**Inspection Program**

It is with a great deal of pleasure that we can state at this time that we have secured a wiring inspector for our Project. Mr. Kenneth Brenningmeyer as we have stated previously in this column, has just returned from a weeks work with the inspector from the Petersburg Cooperative. The inspection program will be the same as it has been in the past that is there will be a \$2.50 inspection fee on each and every new installation. This is actually due at the time the wiremen wires the job, but during the last three years, we have not stressed this too strongly, in that we did not have exact data as to when we could expect an inspector and the board felt it was best not to have this dues from the member tied up that length of time.

Those that have paid the inspection fee either to the wiremen or direct to the office, a record has been kept and these are being turned over to Mr. Brenningmeyer so that he can make these inspections and deliver the sheet to the members. In those cases where the individual has not paid the fee, an inspection will be made and the member's copy will be retained by the inspector or the Cooperative office until such time as the fee is paid. The condition on the payment of this, is that the connection is subject to disconnection if this fee is not paid. We realize that some cases, it is going to mean that an individual other than the original owner will be required to pay the inspection fee, but through no fault of the cooperative this condition will exist. On those installations that do not pass the requirements of reinspection for the original installation, there will be an additional charge of \$1.50 for these particular jobs, which is payable by the individual who did the

wiring provided that they are on the group wireman plan.

**Re-Inspection**

In keeping with the wishes of the annual meeting held in February of this year, on the checking and re-inspecting of all wiring installations on the Project, Mr. Brenningmeyer will also take care of these re-inspections of the complete installation as he goes over the Project area. The charge for this reinspection is \$1.00 which will be made on each and every job and is payable by the owner or as the case may be. Mr. Brenningmeyer will check over the job for adequacy and safety on all installations.

In a great number of cases, we have found conditions which are detrimental to the Cooperative equipment and in keeping with the membership application each member signs that they would cause to be installed, wiring to meet specifications, this is the only way we can be assured the job is safe and no unauthorized wiring has been added. In all cases, Mr. Brenningmeyer will have equipment for testing along with material for making any minor replacements of defective items on the wiring for which he will make a nominal charge for this service. It is of utmost importance to each and every member that they cooperate in this re-inspection program, as it is to their benefit as well as the Cooperative, to see that these wiring installations are adequate and safe as well as meeting all REA specifications. Again, the connection is subject to disconnection if this fee is not paid to the inspector, or into the office for this service as this conditions was approved by the members at the annual meeting held last February. We are sure that each and every member will appreciate having an opportunity to see just what condition their wiring installation is in, so that it will be brought up to a safe condition. Upon the completion of this re-inspection Mr. Brenningmeyer will leave a member copy of this with the individual, upon the payment of the \$1.00 fee, which will be the basis for making corrections in those cases where needed. This is a program which the board feels will make for a more economical use of the electric energy which you have as well as add a safety factor to your home, which is necessary at this time.

**NEWS FROM**  
**Rural Electric**  
Divernon, Ill.  
**RALPH V. WHITE, Mgr.**

Your Cooperative is pleased to welcome its new manager, Mr. Ralph V. White, who succeeds Mr. B. F. Snively following the latter's resignation which became effective June 15, 1946. Mr. White's experience in the electrical distribution field is such that the Cooperative will benefit greatly therefrom. The Board of Directors and office and service personnel are very happy to have Mr. White as a member of the organization. Mr. White will be very pleased to make the acquaintance of the membership at the first opportunity. Members should feel free to stop at the office whenever convenient and become acquainted and discuss any problems they may have with the manager.

There has been no noticeable change in the material situation within the past thirty days. We were advised recently that the company making lightning arresters for one transformer manufacturer is on strike, thereby further delaying shipments of this particular make of transformer.

The recent and severe electrical and wind storms caused widespread damage on the lines of the Cooperative. Falling trees were responsible for numerous power failures, and caused considerable delay in restoring service. Lightning also caused several interruptions of service, especially at members' premises, by burning out transformer fuses. In many instances, the members again delayed

in reporting the interruptions for several hours. Let us again request that members report power failures promptly. If you prefer to designate some member in your particular area to report the interruptions, that is perfectly satisfactory, provided that you make certain that you inform that member of your interruption so that he can report it with any others that may have been brought to his attention. Unless these outages are reported, we have no way of knowing them. We feel that you must be tired of our "harping" on this subject as we are. However, in spite of what we have said and written on the subject during the last nine years, there are some who still wait until dark before calling and then are inclined to criticize because we have done nothing about it when they call. In case of severe storms the men work day and night until the lines are all restored to operating condition. When, as was the case during the recent storm, they have worked for two days and an entire night without rest, delayed reports cause them many weary and unnecessary trips, for in most instances these reports come from areas in which they have been working only a short time previously.

**Homemakers Not Doing Their Part of Fat Salvaging**

The great need for fat salvage is no secret—the United States wants fat for soap and other manufactured products, and foreign countries need it for food. Yet only 62 per cent of America's homemakers are actually saving and using all the fats that come into their kitchens, says Miss Frances Cook, foods specialist, University of Illinois College of Agriculture.

It is estimated by the Consumers News Digest that 500 million pounds of fat could be salvaged each year, but one-half of this potential goes down the drain. During 1945 salvaged fats were used for nearly one-half the toilet soap produced, all of the laundry bar soap and about 25 per cent of the heavy-duty packaged laundry soap.

Now additional demands are being made upon the fat supply to help improve the meager food stocks abroad. "With this urgent need for food, it seems inhuman for any one of America's homemakers to waste fats," states Miss Cook. "Yet one-third of them do. And this third is without question continuing to buy its share of the available soap."

"Use and reuse all the fat you can, and turn the rest in to your butcher," urges Miss Cook.

**Bring In Your Scrap Iron!**

The theme of this plea is old, but the need for your scrap iron is ever new. Inventories of iron and steel scrap are at dangerously low levels and there must be a continuing flow of it to keep industry supplied with metal as fast as it is needed.

One-half of the metal that goes into all new farm machinery comes from scrap iron. So does half of the iron that goes into sheet metal for the manufacture of cans. All of the iron and steel that goes into the manufacture of your electrical facilities and appliances, your pumps, your motors, must have scrap iron in it when it is made.

Farm scrap is highly prized because it lends itself to peak steel production quickly. So, when you get a new farm implement, don't leave the old one out back of the barn or down in that out-of-the-way fence corner. Get it started back to the furnaces where it can be melted down, recast and put to work again. It may come back to you in another new farm implement, a tractor, a truck, a transformer for your power line or some other equally useful, hard-to-get item.

**Sewing Machines Decline**

June shipments of sewing machines declined to 27,000 units, only about 40 percent of the prewar level of 67,000. Production is delayed by continued shortages of castings, motors, electrical components and lumber for cabinets.

**NEWS FROM**  
**McDonough**  
**Power**  
Macomb, Ill.  
**RAY GRIGSBY, Supt.**

Owing to the fact that the Illinois REA News will hereafter be published by the state Association instead of Wisconsin, we have had to submit this column for publication about one week earlier than usual so no operating report for the month of July will be available. However, we will try to include it with the August report.

Since our last writing there has been very little change in the status of our Section D-1 build. While your Cooperative has received considerable copper for the conductors, poles, line hardware, transformers and meters are still in very short supply. In fact, no 30 and 35 ft. line poles for Section D have been received. So for the time being we can only wait and hope that those conditions will gradually clear themselves.

On last Thursday, August 8, we had notice of a line outage on our three-phase line. When the linemen investigated they found the line was clear. However, in the course of their investigation they learned that one of the members along the line had observed a limb that had fallen across two-phases of the three-phase line which was causing the lines to arc. Knowing that the line would not work until the limb was removed, he immediately brought into play his trusty gun and with four well placed shots, severed the limb in the center and allowed it to fall clear of the lines. While we do not recommend this method of clearing the lines unless the person is an expert shot, yet in this case it worked fine.

We have received several inquiries in regard to the water heater rate and since that rate is not printed on the back of the bills, we will give you the information through the medium of this paper. The rate is one and one-tenth cents for 300 kwh as follows: If you have a stove the one and one-tenth cent rate applies after you have used 200 kwh; without a stove it applies at 100 kwh. So you can pretty well estimate what water heating would cost you by knowing the amount of your own usage. We have found that with the average family of four or five, a water heater will cost around \$2.50 per month. Of course it all depends on the amount of water that is heated and used. But we believe that it compares favorably with any other method of heating in regard to the cost. It is entirely automatic and trouble-free and you have hot water twenty-four hours each day. In fact one of our members this past month made the statement through the medium of a letter that it may cost a little more than the method he had been using but it was well worth the difference.

We want to take this opportunity to compliment you on the good record that you made August 1 in sending in your meter reading cards. We have devoted quite a bit of space in this column to that subject, and possibly you think we have crabbled too much about the meter readings, but we believe it has brought some results because we are getting a higher percentage of cards each month. So please let's keep the good work going and we will eliminate some errors and misunderstandings at the counter. Thanking you.

**Washing Machines**

More washing machines were manufactured in June than in the average month of 1940-41. Shipments totaled 193,000, which is 22 percent above the prewar monthly rate of 158,000 units. The industry still suffers from lack of fractional horsepower motors, copper and steel products, porcelain enameled tubs, and rubber and plastic parts.

From 30 to 40 per cent of your freezer storage space may be saved by boning meat before packaging.

# Along the Line

in ILLINOIS  
WITH DAVE MUELLER

The old gag about mistaken identity has generally produced a situation of some humor. At least old Bill Shakespeare made it click in his play *As You Like It*, and it has been used in varying themes in movies and on the stage until, as the younger generation would describe it, the situation is corny.

With our unmistakable appearance (no comments, please!) we have rarely been confronted by any one who thought we were somebody else, unless we admit that a waitress in Morristown, New Jersey, once insisted we removed her appendix and showed her appreciation for "the doctor" by giving us heaping portions of a luncheon on an occasion when we weren't particularly hungry.

But the fact remains that in Madison, Wisconsin, last month, we had just pulled up to the curb in front of our hotel after the Illinois REA News was safely to press when a fellow came directly across the street and accosted us through the car window before, in our stunned surprise, we realized he was actually talking to us.

"Hi ya, about ready to go?" he grinned amiably. "Gladys is over at the house waiting for us so we'd better hurry."

We tried to explain that perhaps there had been some mistake.

"Aw, come on, don't give me that stuff," our new-found buddy pleasantly insisted. "And by the way, where's my car?"

"What kind of a car?"

"Why, you know. A 1936 Oldsmobile," he prompted.

"Let's see, now, a 1936 Oldsmobile," we muttered, scrutinizing the cars parked up and down the street. "You're sure you drove it?"

"Aren't you coming along tonight?" he repeated his cordial invitation. "We could go in your car."

We tried to explain about how being in a printshop all day isn't very conducive to putting one in a mood for frivolous diversion come night fall and that after all, we hadn't even had a shower or a chance to get into some fresh clothes.

"Well, I take it you're not coming," he said with a crestfallen countenance. "Gladys will be awful disappointed."

More hurt than angry, he turned quickly away and walked on down the street, shaking his head slightly from side to side as if trying to understand our refusal to join him.

And we'll never know, it seems, what he told Gladys.

Those who were on duty at the REA booth under the grandstand at the Illinois State Fair reported that thousands of people stopped to peer through the knot holes in the fence to see what was taking place on the other side.

Designed as a simulated fence around a construction project, the knot holes permitted the visitor to gaze upon enlarged photographs of REA cooperative operations and to read a small card describing the scene.

We heard one little lady remark, "Sure puts a strain on one eye to try to take in all that writing!"

Across from the REA booth was one operated by the Illinois Civil Service Commission and part of their interest-getting stunt was to give sample tests to visitors to see if they might qualify for a civil service job.

Fred Darr, electrification adviser of Menard Electric co-op at Petersburg, and a mainstay at the REA booth all

during the fair, had time occasionally to get around to see what his neighbors were doing in their booths.

Just for the fun of it, Fred took the examination for Cook and in competition with several ladies, was the only one who rated a passing grade.

Fred got 100!

We've never checked into Fred's ancestry but we are beginning to understand why we enjoyed such extra good Chop Suey at his house one Sunday.

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With all the additional time-consuming conferences and assignments involving the separation of the Illinois REA News from the Wisconsin Electric Cooperative we have missed our old routine schedule of jaunts around the state to call on the co-ops and we look forward to the time when we can again get back into the swing

and keep in closer touch with each co-op office.

But even with our greatly curtailed schedule of visits we have gathered that Dick Atkins of Princeton had more fun at the Springfield bookkeeper's meeting than anybody.

## WISCONSIN CO-OP TO—

(From Page One)

itor of the Illinois REA News, Read went to St. Paul August 5 where he was granted an interview with H. W. Knipfel, secretary of the Bank of Cooperatives.

Knipfel reviewed the correspondence between the Wisconsin co-op and the bank concerning the request for permission to pay the Illinois cooperatives in cash, and finding the financial structure of WEC in a healthy state of affairs, took up the matter of the cash refund with other policy-making officials of the bank.

After a brief consultation, Knipfel advised Read that the bank was agreeable to having the Wisconsin co-op make the cash refund and suggested that Read convey this information to WEC with the suggestion that formal request be made to the bank by the Wisconsin management.

### WEC Agreeable

Read and Mueller went to Madison

from St. Paul where they were given a courteous hearing by William V. Thomas, general manager of WEC, who promptly agreed that the cooperative would take immediate steps to put the machinery in operation to declare a cash redemption of the stock outstanding to the subscribing Illinois cooperatives.

He consulted the legal counsel of the co-op for instructions concerning the approved method for having this stock assigned to the Association of Illinois Electric cooperatives and advised that action would be taken by the Wisconsin board of directors when it met August 20 to complete the transaction.

Assignment of the stock certificates to the Illinois association by each subscribing co-op was recommended at a recent meeting of the Managers Association and concurred upon by the state association directors at their last regular meeting.

### Funds Constitute Loan

Funds realized from the assignment of the stock will be credited to the account of the Illinois REA News to be used for operating expenses during the next several months. Such funds, however, will be set up on the publication's books as a direct loan from each of its subscribing co-ops and repayment will be made before

further dividends are declared from future net earnings of the paper.

To be officially separated from the Wisconsin cooperative on September 1, the Illinois REA News faced the problem of being on its own without liquid assets. Without such cash redemption and assignment of its 1945 net earnings by the subscribing co-ops, the News would have been compelled to seek support during the next few months from the state association treasury, approval of which was granted by the association directors at their last meeting.

In discussing the transaction with Read, WEC's General Manager Thomas suggested that it was altogether possible his organization would be in a position to make a cash refund of the current earnings (to September 1) which under cooperative laws, must necessarily be held until the end of WEC's fiscal year in January when action can be taken concerning the method of refund or distribution.

### Refrigerators

Shipments of domestic mechanical refrigerators in June continued upward to 210,000 units but that is still 32 percent below the pre-war level. During the first half of 1946 approximately 843,000 refrigerators were shipped.

A PRIMER ON

# ALCOA A.C.S.R.

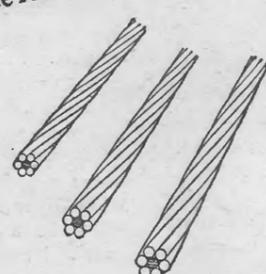
FOR NEWCOMERS

You old timers can pass up this page

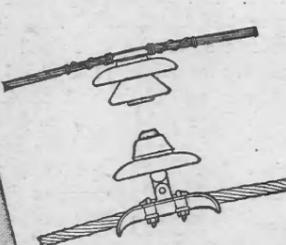


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# ALCOA A.C.S.R.

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# New Scout Camp Served By REA Line



## Old Chautauqua Grounds Is Scene Of Fun For Campers

Located in the cool shade of a heavily wooded 83-acre site, which a quarter of a century ago echoed to the rich oratory of William Jennings Bryan and the musical offerings of noted soloists in the chautauqua field, is the camp of Cahokia Mound Council of Boy Scouts, opened for the first time last summer.

The camp started its regular weekly periods for scouts this year under direction of Laurence R. Hawkins, council executive, and Earl B. Snyder, assistant executive and camp director. The new camp attracted approximately 100 boys for each of its weekly summer sessions.

Doing its part to bring as many conveniences as possible to the camp is M.J.M. Electric cooperative of Carlinville. Through REA service, the scouts are provided with lights for dining and headquarters tents, electricity to draw water from two deep wells for use in showers, for drinking water, and for kitchen use; power to operate a refrigerator and run electric fans.

### Familiar Site

The beautiful site, with its rolling wooded hills, lake and scores of trees, flowers and plant life, is a familiar one to early residents of the area.

Twenty-five or more years ago, it was the mecca for a month each summer for scores of families who came to enjoy outstanding chautauqua entertainment. Cottages were located where scout tents now are pitched, and not far away the old Litchfield-Hillsboro street car line unloaded visitors from all sections of central Illinois who came to enjoy the daily programs.

### Extensive Plans

Camping at Cahokia is a rugged, summer pleasure now, but the day is not far distant when the site will be transformed into one of the outstanding scout camps in the middle west.

The big dining hall tent will give way to a building to house a combination auditorium, dining hall and sheltered campfire site. There will be several other permanent structures also erected at the camp so that it can be used in the winter as well as in the summer for outdoor activities.

Plans now call for the expenditure after the war of approximately \$50,000 to bring the camp up to highest scout standards. One of the outstanding future developments will be the construction of an outdoor amphitheater for the presentation of scout programs and other entertaining features. It is also planned to raise the level of the present dam to create a 10-acre lake. If this can not be done or scout executives decide that other improvements suggested for the lake are inadvisable, plans are to construct a swimming pool at the camp.

M.J.M. Electric cooperative's pow-

er will go hand in hand with these new developments lending valuable assistance in every way where electricity can prove useful. Electricity for the camp comes from the Taylor Springs substation in Montgomery county. Cooperative linemen brought service to the scouts through construction of a quarter of a mile of line.

Boys attending the camp are members of the scout troops in Granite City, headquarters of the council; Collinsville, Edwardsville, Highland and Greenville.

The camp is ideal for the promotion of outdoor scouting activities and the small lake provides the boys with opportunities for swimming, fishing and boating. Although all of the boys eat in the central dining hall they are divided into patrols and camp in separate sections of the wooded area under direction of adult leaders. The scouting program during the summer is directed toward assisting the boys in completing outdoor requirements for their various scout and merit badges.

One-fifth of the national fire loss last year was on farms, with the property loss being estimated by the National Safety Council at \$90 million.

## GOBBLEDYGOOK

To the average farmer, the hen is merely part of the every-day production problem whether she is raised for home consumption or as a marketable item.

To the educational world, however, the hen has been something quite different, as a recent report in a Kansas City schools magazine points out. The following "gobbledygook" tells the story:

"The evolution of the prescribed educational lingo has been an amazing development. If about 1900 a teacher at a university brought a hen to the classroom for teaching purposes, while this was an innovation, the hen was simply a hen.

"By 1910 this hen was a 'problem.' In 1915 it has become a 'project.' Around 1919 the hen was a 'unit of work.' By 1925 it had become an 'activity.' In 1930 it was the 'basis of an integrated program.'

And lol! in 1936 the poor hen had become a 'frame of reference.' As 1941 drew to a close, it was 'implemented' into an 'area in a workshop.' In 1942 it appears to have been 'calibrated' as part of the orchestration of school community activities."

It would appear that sometimes even the educators can "lay an egg!"

## PREDICT ENOUGH FARM LABOR FOR ILLINOIS HARVEST

Farmers will have sufficient labor for the season's harvest according to A. J. Surratt, state and federal farm statistician. Surratt declared the farm labor situation was the best since before the war and gave the return of service men and the unprecedented high farm wage as the chief reasons for the improvement.

Wages nearly three times as high as the prewar scale are being paid by farmers this year, Surratt said. He pointed out that the average wage for a hired man in April was \$110 compared with \$48 with board in 1941. The day rate this year averages \$5.20 without board while in 1941 the scale was \$2.85, he said.

During the war high school boys took city jobs at vacation time but now are finding veterans filling these positions so they are turning to the farms for summer work, Surratt disclosed. Under existing wage scales, he said, farmers can afford to be more selective in hiring workers than during the war years when women and children helped out during harvest time.

Farmers this season are looking for and getting more experienced help, he said.

## EDITORIAL

(From Page Two)

that direction and a car following would normally expect to drive on past. We have seen some near-misses as farm drivers suddenly changed course to swerve to the left after making every indication they were turning right. And visa-versa. Squealing brakes and muttered cuss-words are really not a very great penalty to pay for such stupid driving tactics, but too often smashed cars, shattered glass, injured or dying passengers result from such stupidity.

Every farm driver knows the rules of the road because they were required reading for a driver's license. But too few observe those important rules on the highway and the accident tolls are proving it. Who knows, Illinois may be in first place next Fourth of July with more highway deaths than any other state!

## United Nations Recognizes Co-ops

The United Nations organization gave recognition to cooperatives throughout the world when the International Cooperative Alliance was invited to serve as a permanent consultant of the Economic and Social Council of the UN.



M. J. M. COMES TO AID OF SCOUTING—This group of pictures was taken shortly after the opening of Cahokia Mound Council's Boy Scout camp. Shown in the photos are: 1—Left to right, Earl B. Snyder, camp director; Vardie Lawrence, scout executive of Piasa Bird Boy Scout council, Alton; A. N. Ekstrand of Chicago, deputy regional scout executive of Illinois, Indiana, Wisconsin and Michigan, and Laurence R. Hawkins, Cahokia Mound council executive, pointing to the location of the proposed new permanent dining hall. 2—Swimming time finds the boys enjoying themselves in the camp lake. 3—Meet Leland Pinkel of Collinsville. Leland, son of Mrs. Leland A. Pinkel, is 17 and assisted M. J. M. wiremen in connecting electrical facilities at the camp. Leland is shown standing in front of one of the two pressure tanks into which REA power bring water for use in the camp.

4—It's canteen time and the boys line up to buy candy bars and other articles for sale at the camp. 5—There's K.P. duty at a scout camp too, as this photo shows. REA service makes the chore easier by providing the boys with running water. A hot plate is shown in the right foreground. 6—Thanks to M. J. M. the scouts can enjoy shower baths at the camp.

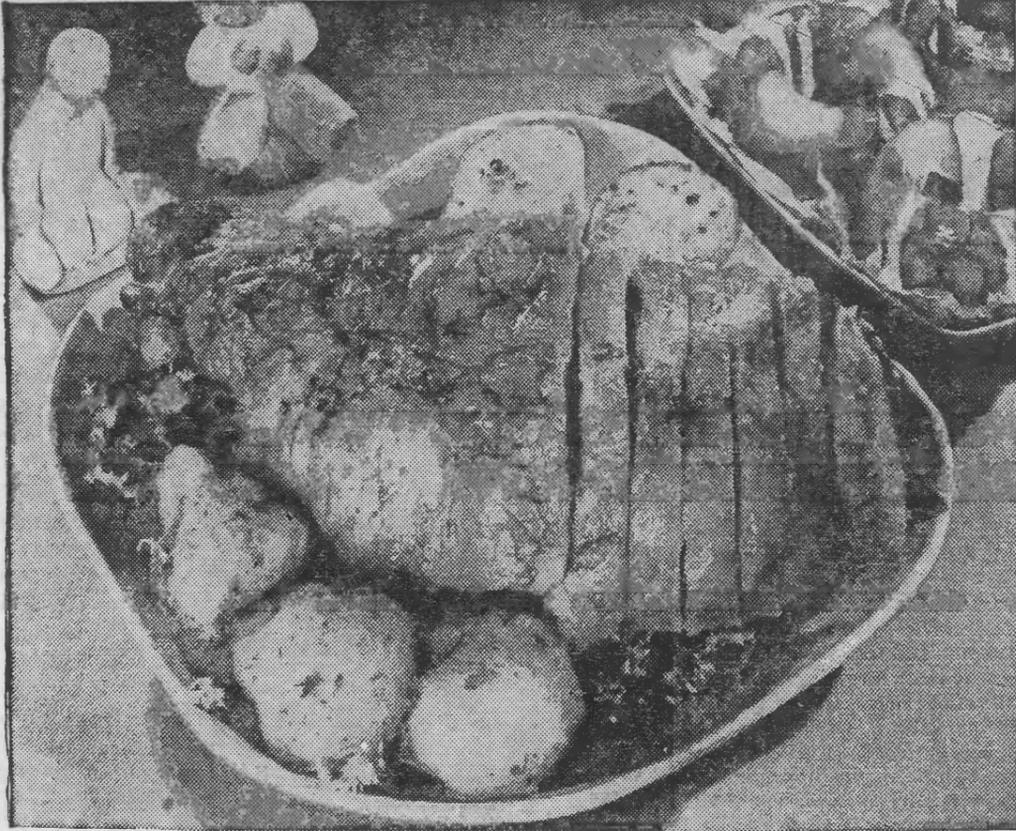


# REA Women and The Home

Edited by Joan Cameron

## Serve Oven Meals

To Help Reduce Electrical Peak Loads



Build an oven meal around a savory roast leg of lamb. Photo—American Meat Institute.

If your co-op is making a plea to members to reduce the peak load of electricity between 5 and 8 or thereabouts in the evening, one of the ways you can make a slight contribution to the cause, in addition to turning off all unnecessary lights and not using any appliances except the absolute essential, is to prepare oven-cooked meals if you have an electric range.

The secret lies in preparing the meal in advance of the peak-load hours. Though you turn the range off, the heat will be retained in the oven, keeping the food piping hot until your family is ready to eat.

Fortunately, there are innumerable combinations of meat and vegetable dishes which can be entirely oven-prepared. Roasts, baked meats, and casserole dishes are the foundation of an oven dinner and vegetable dishes and salads are added to them.

### Sliced Leg O' Lamb

Lamb makes a delicious roast and you can use leftovers wisely. The 6 pound roast leg of lamb pictured above combines well with browned potatoes and a fruity gelatin salad. To prepare, select a leg of lamb weighing 4½ to 6 pounds. Do not remove fell. Rub with 1½ tablespoons salt and ¼ teaspoon pepper. Place roast, flat side up, on a rack in uncovered roasting pan. Roast at 325° F. for 35 to 40 minutes per pound or to 175° to 180° F. on the roast meat thermometer. If desired, insert tiny slivers of garlic into deep gashes before roasting, and remove before serving.

### Meat Pies Anytime

There's something about meat pies that's appealingly different. You probably wouldn't want them every day, but serve them often. Here are several recipes that will surely please your family's taste-buds and satisfy their ravishing appetites.

### Bacon and Beef Pie

A baked pie crust filled with a savory meat mixture and covered with a top "crust" of semi-crisp bacon lattice work is a beef and

bacon pie — as simple and tasty a dish as you could wish for. For the filling, brown lightly in a little hot fat, ¼ cup chopped onion and ½ green pepper, chopped. Add 1 pound ground beef and sear well. Add 1 teaspoon salt and 1 cup tomato juice and simmer 15 minutes. Thicken with flour and water paste. Pour into a baked pie shell, top with interwoven strips of partially fried bacon, and bake in a 450° F. oven for 10 minutes. Serves 5.

### Mexican Meat Pie

3 tablespoons shortening  
2 cups chopped onion  
1 pound ham, cut in ½ in. cubes  
1 pound veal, cut in ½ in. cubes  
4 tablespoons flour  
2 cups tomatoes  
1 tablespoon minced parsley  
½ bay leaf  
½ teaspoon cayenne pepper  
2 whole cloves  
¼ teaspoon mace  
½ teaspoon salt  
½ teaspoon pepper  
2 cups oven-popped rice cereal

Melt shortening, add onion and meat. Cook until lightly browned. Add flour and mix well. Add remaining ingredients except rice cereal and turn into a large baking dish. Top with cereal and bake in moderately hot oven (400° F) about 35 minutes.

### Luncheon Loaf Pie

1 can pork luncheon loaf  
1 can cream of mushroom soup  
¾ cup milk  
¼ cup green pepper  
¼ cup pimiento  
1 teaspoon meat extract  
3 slices bread

Cut luncheon loaf in ½ inch cubes. Add to the mushroom soup which has been diluted with ¾ cup milk. Add green pepper, pimiento, and the meat extract mixed with a little hot milk. Place in greased individual baking dishes or one large one and cover with bread slices lightly brushed with melted butter. Sprinkle with grated cheese. Bake at 425° F. for 15 to 20 minutes.

### Casserole Dishes

What is easier and quicker to prepare than a casserole dish when you simply put the ingredients together and leave it to do something else? They come in especially handy during these busy autumn days.

### Scalloped Ham, Potatoes, Corn

1 cup cubed cooked ham  
1 cup corn, cream style  
8 green pepper rings  
1 quart sliced potatoes  
1 teaspoon salt  
½ teaspoon pepper  
¼ cup finely chopped onion

Alternate layers of corn, green pepper, potatoes and seasonings (salt, pepper and finely chopped onion) in a baking dish. Pour milk over top, cover, and bake in 350° F. oven for 1 hour or until potatoes are tender. Remove cover and brush top of potatoes with butter. Bake 10-15 minutes or until potatoes are brown. 5-6 servings.

### Vegetable Casserole, Ham Biscuits

1/3 cup butter  
1/3 cup chopped onions  
1/3 cup chopped green pepper  
1/3 cup chopped celery  
1/2 cup sliced mushrooms  
1/2 cup sliced almonds  
3 tablespoons flour  
2 cups milk  
1 cup peas  
½ teaspoon salt  
¼ teaspoon pepper

### Biscuit Topping:

1 cup cubed cooked ham  
¼ cup lard  
2 cups sifted flour  
3 teaspoons baking powder  
½ teaspoon salt  
1 cup milk

Saute onions, green pepper, celery, mushrooms, and almonds in butter in heavy skillet. Add flour and blend well. Then add milk and cook, stirring constantly until thickened. Add peas and seasonings. Pour into 2-quart casserole.

Make drop biscuits by cutting the lard into the flour sifted with baking powder and salt, then add the milk and ham and stir only until blended. Drop by spoonfuls on creamed mixture in casserole. Bake in moderately hot oven (400° F.) for 25 minutes, or until biscuits are browned.

### Beef Short Ribs and Beans

Short ribs of beef set in brown baked beans are a golden dish of flavor and tenderness when baked long and slowly. Serve them in a fat bean pot with Boston brown bread and crisp relishes. Wash 1 pound navy beans, then cover with water and soak overnight. Drain but save water. Put beans in large kettle. Add

2 tablespoons brown sugar, 2 teaspoons salt, ¼ teaspoon pepper and 1 sliced onion. Add water in which beans were soaked and additional water to cover. Cover kettle and simmer beans 2 hours. Dredge 3 pounds beef short ribs with flour and brown in hot fat. Place beans in large pot or two smaller casseroles, top with short ribs and cover. Bake at 350° for 1½ to 2 hours or until meat is tender and beans are done. Add more water when necessary.

### Cured Pork with Sweetpotatoes

1½ lbs. sliced ham or shoulder  
3 cups raw sliced sweetpotatoes  
2 tablespoons sugar  
1 cup hot water  
1 tablespoon drippings or other fat.

Cut the ham or shoulder into pieces for serving. If the meat is very salty, parboil it in water and drain. Brown the meat lightly on both sides and arrange the pieces to cover the bottom of a baking dish. Spread the sliced sweet potatoes over the meat, sprinkle with sugar. Add the hot water to the drippings in the frying pan and pour over the sweet potatoes and meat. Cover the dish and bake slowly until the meat and sweet potatoes are tender, basting the sweet potatoes occasionally with the gravy. Toward the last, remove the lid and let the top brown well.

### Ham Shortcakes

2 cups cubed cooked ham  
¼ cup butter  
¼ cup flour  
2 cups milk  
¼ teaspoon salt  
½ teaspoon pepper  
1 teaspoon Worcestershire Sauce  
¼ cup minced green pepper  
Biscuit dough

Make a white sauce by melting butter, adding flour and stirring in milk. When thickened, season with salt, pepper, Worcestershire sauce. Add green pepper and ham and let heat through. Meantime, make regular biscuit dough, pat out ½ inch thick and cut 4 circles with a plain biscuit cutter and 4 with a doughnut cutter with same size. Bake 450° F. oven for 12-15 minutes. Put together like shortcake with ham mixture between biscuits. Other seasonings such as celery, pimiento, sliced olives or sliced toasted nuts may be added to the creamed mixture for variety. 4 servings.

Try these recipes and add them to your collection of old stand-bys. And for the sake of yourself and your co-op, try to avoid using your electric range and other appliances during the peak load hours.

## Home Accidents Injure 5,000,000; Cost Many Lives

Is your home really as safe as you want it to be? You usually like to think of it as the safest place in the world.

Let us consider these facts for a moment. In 1945 accidental deaths in the home increased 4½ per cent over the year before. More than 33,500 deaths occurred, 5 million people were injured and at least 130,000 of the injured were permanently disabled.

Home demonstration agents tell us that some of the places that create accident and fire hazards are stairways, electrical equipment, ladders and spilled liquids.

Stairs may be cluttered with paint cans, cleaning materials, soap, toys and tools. Electrical cords may be frayed, hang over nails, or be within reach of children or electrical connections may be faulty. Makeshift ladders or chairs, stools and boxes are unsafe. Other ladders may be shaky or unsafe, particularly if rungs are broken or missing. Ink, grease or liquids spilled on floors, stairways or walks make a fall likely.

### Candle Power Clarified

Technicians estimate that the amount of light used by the average family each month is equivalent to the rays of 1,000 pounds of candles.

### Grateful Housing Victim

A Los Angeles appliance dealer reports that a victim of the housing situation left a thank you note and a dollar bill after sleeping several nights in an empty refrigerator case at the rear of his store.

## PEP UP APPETITES WITH TEMPTING SALAD

Do appetites in your house sometimes lag on these hot summer days? Then pep them up with a cool refreshing salad. This tangy Salad Ring Mold will prove both delightful to taste and pretty to serve. Arrange a few bright berries on the greens on the outer edge of the mold and place a pretty crystal dish of honey salad dressing in the center of the mold.

### Salad Ring Mold

2 tbs. cold water  
2 tbs. gelatin  
¼ cup hot water  
¼ cup honey  
3 tbs. lemon juice  
1 cup ginger ale  
½ cup white grapes  
½ cup apple  
½ cup celery  
1 banana  
1 slice pineapple or other fruit  
½ dozen marshmallows.

Add cold water to gelatin and let stand a few minutes. Add hot water and stir until dissolved. Add honey, lemon juice, and ginger ale. As soon as the mixture begins to harden fold in the fruit. (Prepare fruit for salad by washing, removing seeds and cutting into small pieces.) Add marshmallows. Place in a ring mold and put in refrigerator to harden. To serve, place salad greens on edge of large plate. Turn salad out so that the greens will show around edge. Place small dish of honey salad dressing in center.

### Honey Salad Dressing

2 egg yolks  
¼ cup honey  
Juice of 1 lemon  
1 cup cream

Place beaten egg yolks in top of double boiler. Add honey and stir well. Cook for one or two minutes—just long enough to become thick. Cool. Add lemon juice and before serving fold in one cup cream that has been whipped.

### Turkish Towels Again

As Turkish towels come into the stores again, homemakers are advised that the thickest, heaviest bath towels wear longest, but the thin, lightweight towels absorb moisture more readily though they wear out much sooner.

## Colorful Aprons



Aprons are utility items, but they can be pretty enough to wear to a party. The plaid gingham style with ruffle-trimmed edges and pockets is a teen-age delight. There's a touch of peasant in the mother and daughter pinafores with their fitted bodices and full skirts. To obtain a direction leaflet for making GAY PINAFORES AND APRONS, send a stamped, self-addressed envelope to Joan Cameron, Illinois REA News, Petersburg, Ill.

## Summer Weather Means More Work— Also More Care—For Refrigerator



**RIGHT AND WRONG**—Hands off the cushiony strip of rubber, known as the gasket, on the inside of the refrigerator door. Strong cleansing agents and grease and oil from human hands are equally ruinous to rubber and when young Mrs. Housewife in this photograph let her left hand slip, she made a common and costly mistake. But she's got the right idea about wiping off the gasket with a mild solution of baking soda and warm water each time the refrigerator is cleaned. Use a damp, not wet, cloth.—Photo, courtesy of Westinghouse.

Your refrigerator is "feeling the heat" this summer and is working overtime so needs a little extra care to provide maximum efficiency. Be considerate of it and it will reward you with better service.

Don't waste space and electricity on foods which don't need cold to preserve them—jelly, pickles, unopened cans, etc.

Wash salad greens and some other vegetables before storing. Shell peas and lima beans and store immediately in a tight container to keep the sugars from changing to starch. Sweet corn, too, holds its sweetness best if kept very cold. Wipe or rinse solid fruit before putting into the refrigerator. Berries and other soft fruits keep better if stored without washing.

In most refrigerators, all foods should be covered. Otherwise, they not only dry out and lose flavor, but their moisture collects as frost on the freezing unit, and necessitates more frequent defrosting.

### Keep Perishables Coldest

Store highly perishable foods such as milk and meat in the coldest part of your refrigerator, usually directly below the freezing unit and on the first shelves beside it. Keep milk at a temperature below 45 degrees. No place in the cabinet should be above 50 degrees.

Don't overcrowd. Arrange food so air can circulate freely inside the cabinet.

Store small quantities of food in glass jars or covered refrigerator dishes; use as small containers as possible; needlessly large bowls waste refrigeration.

Never put hot foods in the refrigerator.

Don't open the refrigerator oftener than necessary. And close the door as rapidly as possible. Form the habit of taking several foods out at once. Keep those used frequently near the front.

### Care

Cleaning the refrigerator is simple if you store only clean foods. Wipe up spilled foods immediately. Those containing acid injure the glaze, making the surface hard to clean.

Always defrost before the frost on the freezing unit is ¼-inch thick. Clean right after defrosting.

For the interior, use a solution of one tablespoon baking soda in three quarts of warm water. Wash the freezing unit inside and out. Dry the whole interior with a clean, dry cloth.

Wash the outside with mild soap and water. Rinse, using a cloth wrung out of clear warm water. Dry

well with a clean cloth.

Keep coils and exposed parts of the mechanism dust free. Use a long-handled brush or whisk broom, or the vacuum cleaner attachment used for cleaning pictures and walls. Always disconnect the refrigerator from the outlet before cleaning the mechanism.

### Gasket Care

Make sure the rubber gasket around the door fits snugly. Close the door on a new dollar bill. If the bill pulls out easily, there is too much air leakage. Have the door adjusted or the gasket replaced. Keep the gasket clean and free of grease to prolong its life.

Don't use sharp instruments to remove ice trays. They may damage the coil or the trays.

Under normal temperatures, the refrigerator motor runs about one-third of the time. If it runs much more, have a service man check it. Follow manufacturer's directions for oiling.

### Going Away?

When you plan to go away from home for a short period, you needn't turn off the refrigerator. Just turn the control to its warmest setting. The food will get proper refrigeration, the mechanism will run less than normally because the door remains closed, food is not added to the "load" and no additional ice cubes are frozen.

If you will be away for an extended period and your refrigerator has a sealed mechanism, disconnect the motor by pulling the plug from the outlet. Remove all food and ice trays, defrost and clean interior thoroughly. Leave the door open so that air can circulate throughout the inside.

## SOUR CREAM DRESSING

If cream turns sour, put it to good use in saving other fats and oils now in scarce supply. Even a half pint of sour cream can make enough dressing for salad to serve six, thus saving salad oil, home economists of the U. S. Department of Agriculture suggest.

A recipe that is especially good for a chilled fruit salad follows: Use 2 whole eggs or 4 egg yolks; ¼ cup vinegar; 1 cup sour cream; ½ tablespoon sugar; ½ teaspoon salt; ¼ teaspoon mustard; ⅛ teaspoon paprika. Beat the eggs and add the other ingredients. Mix thoroughly. Cook in a double boiler and stir constantly until the mixture thickens. Chill before serving on chilled fruit.

## Switch Clickers

Clever Things To Do  
By REA Women

Our Switch Clicker column is failing fast and may soon go out of existence unless some REA housewives do something to revive it. What can you do? Just send in your favorite homemaking hint. Other women are anxious to hear about it. Enclose it with your pattern request to Joan Cameron, Illinois REA News, Petersburg, Ill.

### Catsup Making

When making catsup, cut tomatoes in half, do not mash. Cook under cover, when done drain off oil juice and water. Let stand a few minutes and drain again. Rub through colander drained carefully, the catsup will not require long cooking and will retain its color.—Mrs. Alva Smith, Adair, Ill.

### Painting Woodwork

When painting woodwork, try coating knobs, locks and hinges with vaseline. Then any paint that gets on them can easily be wiped off.

### Soften Laundered Blankets

If your blankets are slightly harsh after laundering, try hanging them out on the line on a cloudy day.—Mrs. E. Wenzel, Poskin, Wis.

### Clean Waffle Iron

For sparkling results in cleaning a waffle iron after the batter accidentally burns, use a small piece of fine steel wool on the end of a wooden skewer. Gently prod the burned pieces out of the corners. Saves your fingers, too!

## CAULIFLOWER SEASON APPROACHES; SERVE IT OFTEN IN VARIED WAYS

Call for cauliflower! Call it "botrytis cauliflora" to be botanical; call it sister to the cabbage, cousin to Brussels Sprouts, broccoli, kale and kohlrabi, but if you are the canny housewife, serve cauliflower frequently while it is in season.

Cauliflower may make an appearance either cooked or raw. To prepare cauliflower for cooking, remove leaves and stalk; soak head down in salted water about 30 minutes. Cook in heavy kettle in 1 to 2 inches boiling water, covered tightly; or place cauliflower in large amount of boiling salted water and cook uncovered. By either method it will take 10 to 25 minutes, depending upon the size of the head. Be careful not to over cook. This will destroy texture, flavor and color. Drain and pour over it a small amount of melted butter. A dash of paprika will add color and interest. Or serve with buttered oven-popped rice cereal crumbs, or cheese sauce.

For salads, the cauliflower head is separated into flowerets before soaking. After soaking in salted water, flowerets are drained and dried and ready to include in a mixed vegetable salad.

Here is a recipe for Cauliflower with Egg Sauce which is recommended for luncheon entree or dinner vegetable.

### Cauliflower with Egg Sauce

1 medium-size cauliflower  
2 tablespoons butter  
2 tablespoons flour  
¼ teaspoon salt  
dash of pepper  
½ teaspoon Worcestershire Sauce  
1 cup milk  
2 hard cooked eggs, coarsely chopped  
1 cup corn flakes

Remove leaves and stalk of cauliflower. Soak in salted water about 30 minutes; drain. Cook in boiling salted water about 20 minutes, or until tender. Drain carefully; put into greased baking dish.

Melt butter; stir in flour, salt, pepper and Worcestershire sauce. Gradually add milk. Cook until thickened, stirring constantly. Fold in eggs. Pour over cauliflower. Sprinkle with buttered corn flakes crumbs. Bake in moderate oven (375° F.) about 20 minutes or until crumbs are browned.

Yield: 4-6 servings.

## CROCHETING ART HAS INTERESTING HISTORY

Have you noticed that more and more women are crocheting both practical and decorative articles—not only for their homes but for themselves, too? One of the advantages of crochet is that you can make any number of small items, which serve as handy pick-up work. That's a point to be especially appreciated during the hot summer months when most of us don't have the energy to attempt any large project. Since crochet is so popular perhaps you enthusiasts would like to know something about the historical background of this needlework art—it's an interesting story.

Although crocheting has been universally popular for the past fifty years, just where or when it began is unknown. About 1500 A.D. a hook similar to the crochet hook was employed in

crochet, and their work was sold by the school.

No machine has yet been invented which can duplicate crochet work. And today, because we are so keenly appreciative of the finest in everything we use in our homes and for our wardrobes, more and more women



lace-making, to draw a thread through the lace. This hook became more and more a part of lace making, being used to make looped connections for needle lace motifs. But it was not until 1800 that crocheting—which

takes its name from the French meaning "Little Hook"—began to be used for making the lace motifs themselves, as well as the fill-in parts. Crocheting became a popular needle art about 1840—when it was taken up by Queen Victoria and the English Royal Family. Books were written on the subject, design books began to appear, and schools were established to instruct young ladies in the art of crochet. In 1846, when whole families were starving during the Irish Famine, Susanna Meredith started the Adelaide Crochet School at Cork in order to give the women a chance to earn a living. They were taught how to

are learning how to crochet—so that they may possess these priceless needlework treasures.

Every home should have its share of precious belongings—things that remain a joy forever. Just such an article is the lacy chair back set pictured here. Queen Anne's Lace, covering the country wayside, is brought to mind by the design of this set. Made in small round motifs, this is ideal pick-up work for spare moments. The finished sets are the perfect answer to gift problems, or how to keep your own furniture in good condition. If you would like to receive crochet directions for this set, just send a stamped, self-addressed envelope to Joan Cameron, Illinois REA News, Petersburg, Ill.

## Pattern List

Calling all crocheting fans . . . we've got lots of new patterns for you this month. And lots of other patterns, too. If you've never sent for any of our free patterns, do so now. Just send a self-addressed, stamped envelop for every four patterns requested to Joan Cameron, Illinois REA News, Petersburg, Ill.

### Ideas For Fun

Home and Hostess Handies  
Novelty Jewelry  
Party Ideas  
Baby Showers  
Bridal Showers  
Children's Outdoor Party  
Fall Fairs

### These You Sew

Applique Bibs  
Checked Gingham Dickey  
Embroidered Pillow  
Lingerie and Housedress Wardrobe  
Little Cut-Ups  
Make-Over Ideas  
Novelty Accessories  
Ruffled Closet set  
Scallop Envelop Bag  
Utility Apron and Cap  
Warm Weather Hats

### Good Homemaking

Care of Home Furnishings  
Mending Tricks  
The Story of Rayon  
Redecorating Dining Room  
Removing Spots and Stains  
Selection and Care of Curtains and Draperies

### These You Crochet

Chinese Potholders  
Baby's Softy Bib  
Child's Carrot-Eater R'  
Circular Rug  
Baby Sweater  
Date Blouse  
Table Runners  
Irish Edging  
Baby's Shawl and Bunting  
Lacy Curtains  
Little Girls' Dress  
Loop Hat and Bag Set

## Teach Children Bicycle Safety

"Teach your child that he is not merely the rider of his bicycle but that he is the driver of a two-wheeled machine, just as an adult is the driver of a car," is advice offered by the State Medical Society of Wisconsin.

Instruct him in these fundamental rules of highway safety:

1. Stay on the right side of the road and close to the edge.
2. Look behind before making a left turn.
3. Comply with traffic signs or lights.
4. Use white light on the front of the bike and a red tail light or reflector on the back of it at night.

Many youngsters can't resist the temptation to show off with tricky maneuvers, zig-zagging and other unsafe practices. The perils of trying to compete with the speedier and heavier traffic on the highways should be explained to them and the necessity of paying attention to what they are doing impressed upon them. Make them understand that stunts must be confined to the back yard.

### Other Vehicles Dangerous

Coaster wagons, tricycles and roller skates which also provide excellent opportunities to develop balance and coordination can, likewise, be dangerous vehicles if children are not taught how to handle them correctly. Little children do not realize that the combination of wheels and inclined driveways and sidewalks will give them extra speed causing them to careen into the path of approaching traffic in a second's time. Rules designed to protect pedestrians should govern a child using these devices, that is, to cross streets only at intersections and in accordance with the traffic lights.

Another safety rule which applies to roller skates is to store them, when not in use, in a place where some other occupant of the house cannot possibly step on one by mistake and fall.

## NEWS FROM Menard

Petersburg, Ill.

A. E. BECKER, Mgr.

### HOW'S YOUR WIRING?

For about a year a systematic check and re-inspection of wiring, authorized by your board of directors, has been underway on the cooperative by Harold Hedgecock, the co-op wiring inspector. This re-inspection will continue until every farmstead and building wired 12 months or longer ago has been carefully checked over.

In the course of this re-inspection, Mr. Hedgecock has found a number of hazardous conditions, many of them duplicated on a number of premises. The following are some of the unsafe and dangerous conditions prevailing:

1. **Over-size fusing.** Using heavier fuses on overloaded circuits. This is a sure invitation to trouble.

2. **Pennies back of fuses.** This is an extremely dangerous practice and is a definite fire hazard and one that is inexcusable. A fire resulting from a penny back of a fuse may cost thousands of dollars for the sake of a few pennies invested in new fuses.

3. **Make-shift wiring.** Too much "temporary" wiring has been installed and then left as a permanent installation. Improper wiring or make-shift wiring is unsafe. It is a condition for which you can blame only yourself if you have a fire caused by neglect in having it remedied.

#### Get Good Electrician

Many of the rejections in wiring and the changes recommended by Mr. Hedgecock have been necessary because of a lack of knowledge of wireman. Be sure the person who does your wiring understands what he is doing and is qualified to do the job!

It is important to make sure when circuits are taken off at the meter pole or at any other junction, that they are properly fused.

There has been a number of re-inspection rejections because of wiring on meter pole to yard light switch. Romax or open wiring should NEVER be used.

It is also important to check on wire size. Improper wire size to buildings can cause you much trouble including low voltage to the source where power is needed.

These are but a few examples of common hazards and faulty wiring which Mr. Hedgecock has located on the re-inspection tour. You will welcome, we feel sure, this opportunity to have your place checked over to prevent trouble before it starts.

#### Liability For Damage

An damage to Menard Electric Cooperative equipment such as the meter, transformer or other co-op owned property which is caused by faulty wiring on the premises of a member after an inspection or re-inspection, will be charged to the member if it has failed to correct the faulty conditions after being notified of them.

Don't permit yourself to become liable for such damage to your cooperative's equipment but take immediate steps to correct faulty wiring as soon as you learn it. With the acute shortage of maintenance equipment it is of great importance that all members do everything possible to prevent damage to the co-op system.

#### Community Fish Fry

The fourth annual REA community picnic and fish fry sponsored by Mr. and Mrs. Audace Herzberger, their neighbors and your cooperative, was held Friday evening, August 2.

Four hundred and fifty members and guests were present to consume the 200 pounds of buffalo, carp and white perch together with all the tasty vegetable salads, sandwiches

and desserts supplied by the families attending.

After the dinner, served cafeteria style, an enthusiastic audience made clear its enjoyment of an hour-long program arranged by the program committee. After the invocation asked by Ross Manning of Virginia, music was provided by the Virginia Hot Shots; there were selections by the Cass County Four (quartet) and a one-act skit "The Enumerator," by Mrs. Harry Hutches and Mrs. George L. Coraor. Guy H. Husted, Cass County farm adviser spoke briefly and information concerning construction of new co-op lines was given by Fred E. Darr.

A second skit, "It's a Homer" by Mrs. Hutches and Mrs. Coraor was followed by a vocal solo "Don't Fence Me In" by Wayne Struble. Two attendance awards were presented at the end of the program. A heating pad donated by the Wessler Electric Shop of Arenzville went to Wilcox Greeley of that community and an automatic Westinghouse electric iron went to Mrs. Carl Wallicoat, also of Arenzville. Fred Darr acted as master of ceremonies and made the presentation of the awards.

The sincere thanks of the entire community was extended to Mr. and Mrs. Herzberger for their cordial hospitality to everyone, the crowd rising to express a vote of appreciation.

Those master fish fryers, Audace Herzberger, Ed Carls, Bill Witte, A. B. Cline and Bob Vergin, assisted by several others, also received high praise for their ability to do an excellent job.

The large tent in which the tables were placed was furnished at a very nominal cost by Claude De Ornellus of Jacksonville who delivered it to the picnic grounds, supervised putting it up and taking it down. He also supplied a sound system and record-player to augment the sound system owned by your cooperative. Claude's generous cooperation was greatly appreciated.

A special vote of appreciation was given the serving committee for its excellent job of getting the food placed on the long tables so that everyone was served in record time. This committee was comprised of Mrs. Audace Herzberger, chairman, Mrs. L. D. Burrus, Mrs. Louis Brauner, Mrs. Ed Carls, Mrs. Lulu Crum, Mrs. Harry Harper, Mrs. George Huffman, Mrs. Ernest Leinberger, Mrs. Cora McFadden, Mrs. Frank Rolf, Sr., Mrs. Charles Quigg, Mrs. Herbert Strubbe, Mrs. Elmer Reichert, Mrs. Carl Thornely, Mrs. Horace Virgin, Mrs. Leslie Wildt and Mrs. William Witte.

Special mention should be made of work of Junior Thompson who secured the Virginia Hot Shots, William Yapple, William Starbaugh, and Junior Thompson, with Henry George McDonald as vocalist.

Sincere thanks also are extended to Montgomery Ward Company of Jacksonville who sponsored the appearance of Mrs. Hutches and Mrs. Coraor whose humorous skits were enthusiastically received.

## NEWS FROM Clinton County

Breese, Ill.

JOSEPH HEIMANN, Supt.

Marcella Poelker, Office Secretary and Grace Niemeyer, Billing Clerk, are enjoying a vacation at Echo Lake Ranch near High Ridge, Mo.

Alfred Korte of Albers and Lucy Varel of Bartleso were united in marriage on Tuesday, July 30th. They will reside on an REA electrified farm near Germantown, Ill. Congratulations and best wishes.

#### REA ARRIVALS

Baby boy to Mr. and Mrs. Frank Wobbe of New Baden, Ill., on August 3rd.

We wish to extend sympathy to the bereaved family of Mrs. Catherine Haar.

Vincent Albers, President of this Cooperative was nominated for the position of Director of this district

at a meeting held on July 30th at Mt. Vernon, Illinois, by the Cooperatives of this district. Mr. Albers is to represent this district in the Association of Illinois Electric Cooperatives for the ensuing year.

Electric Range: Thomas Hayes.

Milkers: Mrs. Elizabeth Jansen, Joe Voss.

Milk Coolers: Theresa Korte, Adolph Baer, Henry Luginbuhl, Ray Ratermann, Fred Zachery, Adolph Grasher, Frank Langenhorst, Charles Stein, Henry Koopmann.

Water Heaters: Fred Toennies, Barny Schumacher, Fred Koelmel.

Refrigerators: August Lager, Sr., Emil Feldmann, Theodore Frohn, Joe Feldmann, Henry Niemeyer, Gus Wessel, George Meyer.

During the first two weeks of August we have had considerable damage by lightning on our lines. The electrical storm of August 3rd caused seven breaks in the conductor, 14 broken lightning arresters and we replaced 75 fuses.

#### HONOR ROLL

##### Commercial

Gulf Refining Co. 2674, Herman Graham 2214, J. J. Lynn 1703, C. F. Frazier 1526, Nick Babare 1262, Fred Sanders 441, Southern Railway Co. 423, John W. Jaske 300.

##### Non-Farm

E. W. Striebinger 537.

##### Farm

Harvey Klingelhoefer 1050, Clarence Dickhaut 976, Edward Hugo 876, Joseph H. Heimann 846, Louis Heimann 791, Joseph Meyer 730, Paul J. Huels 698, Emma Schumacher 686, Alfred L. Stein 675, Frank Hansemann 638, Gerhard Timmermann 631, Arthur O. Riess 620, Joseph F. Ratermann 597, Fred C. Freund 595, William Varel 590, Talmadge Outhouse 586, Albert Leicht 582, Vincent Albers 581, John Kalmer 565, Alvis B. Loepker 560, Henry Ahlf 560, George Zieren 559, Ed Merrill 557, Vincent P. Schaefer 540, Melvin Hoffman 532, Al Renschen 503, Arthur Nettles 500, Ben M. Meyer 500, Delmar Heuberger 489, Anthony Huels 479, Bernard J. Gebke 477, George H. Rohling 472, Frank Heinzmann 456, Orville Rinderer 451, Albert E. Debatin 450, Rudolph Buehler 446, Henry Korte 440, Charles C. Virgin 437, Leo Freker 432, Louis Wiedle 430, Harvey Harpstrite 423, Arnold E. Henss 419, Harry Huelskoetter 415, George Wesselmann 412, Joe Detmer 406, Charles R. Good 405, Theresa Korte 402, Bert Mathews 402, Herman Dierkes 401, Fred Huelsman, Sr. 399, Myrtle Dierkes 398, Paul Zurliene 397, Herman Wiedle 395, Edw. Korte 388, Henry Bergmann 383, Anthony Rakers 379, Ben Toebe 376, Alphonse Varel 375, Ben Schumacher, Jr. 373, Ben Rensing 372, Joe Kampwerth 369, Fred J. Hemen 369, Leo Sudholt 365, N. K. Meadows 364, Edw. Kniepmann 363, Paul H. Renschen 362, Alphonse Kampwerth 360, Ben B. Spihlmann 360, Frank J. Huelsmann 359, Wm. Usselmann 359, Frank Holtgrave 359, Mrs. Eliz. Langenhorst 354, Edward C. Defend 352, Henry Lueking 350, Wm. Murphy 350, Frank Rakers 350, Victor Timmerman 349, Anton Thole 347, C. F. Zimmerman 346, George Zollner 334, Herbert Kraemer 333, Henry Hollenkamp 332, Alphonse Hustedde 331, C. F. Heinzmann 328, August C. Timmermann 327, Ed Carson 327, Frank Frueke 326, Otto Reinkensmeyer 326, John Kloecker 326, Ben Rakers 326, William H. Michael 324, Charles Pigg 320, Ben Bruns 319, Chas. Boeker, Jr. 319, Henry Molitor 316, Millard Felton 316, Mont Criley 316, George Gerling 315, Edward Voss 314, H. H. Kampwerth 314, Charles Stein 310, John Knolhoff 308, August Jansen 308, Gerhard Schumacher 307, Adam Kohrs 306, Arnold H. Henss 306, Menard Etter 306, Kaskaskia Council Boy Scouts 305, Wm. Rans, Jr. 302, Carl Treffert 301, Henry Himes 301, R. L. Twenhafel 300, Martin C. Obermeyer 300, Mrs. John Ratermann 300, John H. Kalmer 300, M/Sgt. Mededith C. Lockwood 300, Tony Rensing 300, Delmar Fochtman 300, Paul Poettker 300, Theo Zurliene 300, Clifford Nehrt 300.

## County Fairs Boost Agriculture's Cause Throughout All of Illinois

Illinois agricultural fairs, some of which have operated annually for nearly a century and are nearly as old as the counties in which they are currently being held are again demonstrating their value as educational and recreational institutions.

"Last year, sixty-two of these outstanding agricultural events were held in Illinois with an estimated attendance of over 2,000,000 persons," Ray A. Dillinger, president of the Illinois association of agricultural fairs disclosed in an interview with the Illinois REA News.

"State aid to these fairs amounted to \$397,811.60 last year and it is anticipated that this figure will be exceeded since there are 77 fairs scheduled for 1946—fifteen more than last year," Dillinger observed.

Reports from the fairs now being held indicate that another successful year will be enjoyed as there is better than usual attendance, more interest displayed in exhibits and the joy of freedom from wartime restrictions.

#### Fairs Popular

The appeal of livestock, society horse shows, harness racing events together with an opportunity to meet old friends and form new acquaintances never grows old at county fairs, fairs which are also promoting the activities of rural youth groups as no other agency has done. Fair

exhibits are an incentive to the junior club members to do better work and through their activities, to interest other young people to join their ranks.

As a retrospective view is taken over the years, observers have been deeply impressed with the importance of Illinois agricultural fairs because they perpetuate solid American traditions. They are unequalled civic enterprises and have enjoyed an enviable reputation throughout a century of progress in Illinois.

These fairs, particularly during the war period, served as vacation and relaxation events during those days of hard work and anxiety; now as Illinois farmers labor intensively for maximum production of food stuffs with which to feed this nation and the starving peoples of the world, Illinois agricultural fairs continue to promote the welfare of this great agricultural state.

Climaxing the county fairs throughout Illinois will be the reopening of the huge State Fair in Springfield August 9 to run through August 18 at which a million persons are expected. This great fair, closed for five years during which time the agricultural exposition grounds were used by the Army Air Forces, will be the most attractive in its 90-year history, fair officials have predicted.

## NEWS FROM Southwestern Electric Co-op

Greenville, Ill.

V. C. KALLAL, Manager

#### TELEPHONE NUMBERS

Bond County—Office 366 Greenville. Before or after office hours or on Sundays or Holidays call Paul G. Morgan—796 or V. C. Kallal—379.

Fayette County—Maurice Ketten 982 Vandalia.

Madison County — Ed Barnes — 1087 Edwardsville.

#### ANNUAL MEETING OCTOBER 19

Plans are being made for the 8th Annual Meeting of the members of your cooperative. Each year much time and effort is spent in preparation for the annual meeting. Numerous problems present themselves and many details must be worked out to assure a little fun, a little business and a little food for all who attend. Little is to be learned from the experience of other cooperative organizations in the state or from the experience of other cooperative organizations in the area in planning of your meeting. The hopes of those who plan the meeting are up and down many times before the meeting is over. The reward is a good turnout of the membership at the meeting and the arrival of the speakers and entertainers on time.

Many members ask why they should attend the annual meeting. First of all, as a member it is your privilege and duty. In the election of the officers and in other matters coming up at the meeting each member gets one vote. Cooperatives are founded on this principle (one member, one vote) which is also truly democratic. As a member of your cooperative it is your duty to acquaint yourselves with the operation of your cooperative. By attending the annual meeting you get such information. You are then better equipped to answer questions about your cooperative when approached by non-members, business and professional men and, last but not least, enemies of the cooperative movement. And so, why not plan now to attend your annual meeting and help select three trustees to replace three whose terms expire and otherwise participate in the meeting. The annual meeting is your opportunity to hear reports of your officers, to ask questions, make suggestions, etc., that will help your board of trustees in determining the course to follow for the ensuing year. The board can

be guided by the membership only if the membership make their wishes known.

#### Many Desiring Service

The extension of the system into un-served territory is still greatly handicapped by shortages. Manufacturers can't make commitments as to delivery schedules since their stock piles of raw materials are depleted. Most of them operate on a day to day or month to month basis. To say that production of certain items is above the pre-war level means nothing when compared with the great demand for all types of finished goods. Those who should know disagree as to the real cause and yet it seems unthinkable that a nation that did such a magnificent job in production of war material cannot do the same in the production of consumer goods. Until our industries are geared up to a higher rate of production shortages will continue.

#### Rehabilitation of System

Work on the rehabilitation of the system is progressing slowly. The engineering firm is working out the details as to substation locations and sizes, wire sizes, pole sizes to support the heavier conductor, location of the lines to connect the new substations with the systems, etc. Your cooperative has purchased five new substations sites, has ordered steel structures, substation transformers and many miles of heavy conductor for the work. Right of way for the tie lines is being secured as quickly as possible. The construction of these tie lines means securing additional right-of-way from some of the members already receiving service, in a few cases from farm owners receiving electric service from another source, and, in some cases from owners who have recently made application for service. This makes some of the right-of-way solicitation very difficult. However, cooperation has been good and it is thought that most of these important tie lines can be built on the roads specified by the cooperatives engineers. Like everything else the progress in this work is dependent upon so many factors that estimates as to starting and completion dates are impossible.

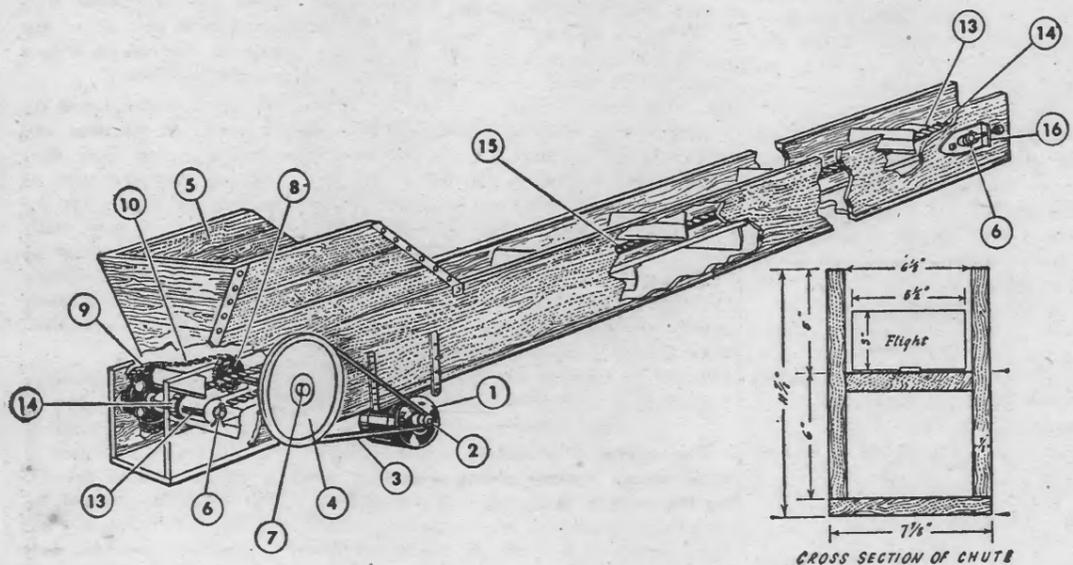
Plan now to attend the annual meeting. In next month's issue we hope to give you more of the details of the meeting. You'll enjoy meeting and visiting with your fellow cooperative members.

#### Joint Memberships

If you haven't filled out the request for change to joint membership which was sent you in the mail please do so at once.

# Electricity For Farm and Home

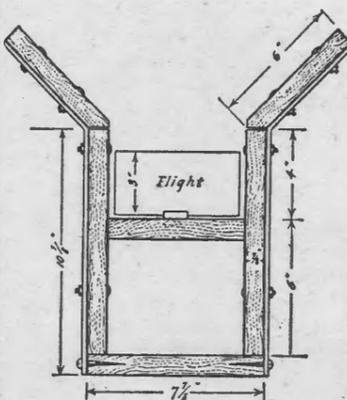
## Build An Ear Corn Elevator To Save Countless Hours of Labor



Plans and specifications for farm-built ear corn elevators. In specification table below ASSEMBLY NO. corresponds to numbers in small circles on diagram. I. H. CO. PART NO. is the International Harvester Co. catalogue number of parts obtainable from that company. Other parts, when suitable, may be substituted.

Assembly No.	Description	Quantity	I. H. Co. Part No.	Other Parts
1	1/2 H.P., 230V., single phase, 60 cy., Repulsion-Induct'n or Capacitor Mot.	1		
2	2.4" P.D. sheave for motor shaft	1		Rockwood No. BS-26
3	V-belt, B section	1		Rockwood No. 14960
4	10.4" P.D. sheave for counter-shaft	1		Rockwood No. 1102
	Bushing, 1" to 7/8"			Rockwood No. 10018
5	Lumber—7/8" thickness for chute and hopper—	As required		
6	Shaft, 7/8" x 12-1/16" shaft	2	U16910	
7	Shaft, 7/8" x 15" cold rolled steel counter-shaft	1		Purchase from machine shop
8	Sprocket, 18 tooth	1	U1904	
9	Sprocket, 38 tooth	1	UA1931	
10	Roller Chain, 3/4" pitch	1	1338D	
	Roller Chain, 3/4" pitch	1	1340DA	
11	Keys	2	141	
12	Bearing Box	6	U1303	
	Roller Bearing	6	1359	
	Grease Fitting	6	14178DA	
13	Bottom extension—Upper	2	U18466	
14	Conveyor chain sprocket, 8 tooth	2	UA1455	
	Pins for attaching sprocket to shaft	4		
15	Conveyor chain unit with 11 flights attached per 12 foot length	As required	U17407	
	Flights, extra—complete	required	U15779	
	Conveyor chain links, extra		No. 62	
16	Chain tension adjustment plates RT.	1	U18232	
	Chain tension adjustment plates Left	1	U18233	
	Chain tension adjustment eye bolts	2	U15977	
	Chain tension adjustment holding bolt	1		
	Chain tension adjustment spacer—3/8" x 6 1/2" iron pipe	1		
Misc. Items	Step Washers, 7/8"	6	M3388	
	Flat Washers, 7/8"	6		
	Carriage bolts	As		
	Wood screws	required		
	Cotter keys	6		
	Small section of fabric belting to close lower side of hopper	1		

### Optional Construction For Flare Boards



Flare boards may be attached to chute as indicated on above diagram. They should be set at an angle of 45 degrees to chute sides using 1/4 in. x 1 in. strap iron braces held with carriage bolts — bolt heads inside. NOTE: Depth of chute should be reduced to 4 in.

may be effectively treated with the chemicals.

No one is immune to them as continued heavy exposure will eventually cause skin irritation to those who have been hardy for years.

### Vacuum Cleaners

June shipments of vacuum cleaners totalled 177,000, which is 13 percent above the prewar rate. During the first six months of 1946 approximately 928,000 units were produced. Shortages of switches, fractional horsepower motors, magnet wire, steel and electric steel laminations continue to retard production.

### Ranges

Production of electric ranges in June almost reached the 1940-41 monthly rate of 47,000 units. Shipments of gas ranges increased to 141,000 units, 11 percent above the 1939 monthly level.

### More Radios

Almost a million and a half radio sets were produced in June. The largest production gains have been made in small table models. Of the total number of radios shipped, 88 percent were table models, 6 percent consoles and 6 percent automobile radios.

### Avoid Dangerous Practices When Using Appliances

A home electrical inspection is a worthwhile project as it will point out more readily conditions likely to result in fire, loss of life, as well as great loss of property.

Corrections should be made immediately if anything amiss is discovered and re-inspection should be made every three months.

#### Dangerous Practices

Following is a list of very dangerous practices which should be avoided at all times.

1. Hang cord over a nail, wrapped around a pipe or bed post.
2. Permit defective light switches of any kind to be used.
3. Permit floor lamp cords to be hidden under rugs or to be stepped on.
4. Use appliance cords showing signs of wear.
5. Use larger than 15 ampere fuse plugs for lighting circuits.
6. Have any electrical wiring or other repairs done except by licensed electricians.
7. Use any type of electrical appliances while in the bathtub.
8. Use small heaters for heating inhalants for sick rooms.
9. Turn a light or motor switch while the free hand is resting on a metal stand, pipe or other metal.
10. Permit extension cords to extend through doors to adjoining rooms.
11. Permit any form of substitution such as pennies or tin foil, etc.
12. Disconnect cord appliances except at the plug end and grasping firmly and pulling out gently.
13. Overload lighting circuits by using too many electrical appliances.
14. Buy unapproved appliances or

### HAVE YOU HEARD?

The battery that powers the U. S. Signal Corps handie-talkie is an inch in diameter but only five-eighths of an inch high.

New York City's subway system, largest passenger-carrying railway in the world, collects 5,716,000 fares daily.

The electric tattoo machine was first used in New York City's Bowery in 1875. The tattoos were called "tattoo-graphs."

The electric self-starter for automobiles was introduced in 1911.

Uncle Sam bought \$10,700,000,000 worth of electronic products to supply his armed forces during the war.

Sales of electric farm pumps and water pressure systems are expected to reach an all-time high of 500,000 this year, despite the shortage of component parts and labor.

Telephone service is dependent upon 25 varieties of wood, uses of which range from poles to switchboards.

A new x-ray device that can spot fake coins or diamonds has been developed.

Applications for patents have increased 30 per cent since the end of war and now exceed 8,000 a month.

A new source of lime for soil enrichment has been located in Turtle Lake, Barron county.

wiring. Underwriters' approval is approved safety.

15. Use a brass shell light socket that has become defective.

## ELECTRIC COLD STORAGE AND REFRIGERATORS WILL SAVE FOOD, WORK, AND MONEY ON FARMS



Farm cold storage equipped with cooling apparatus.

By IRA MILLER

### Farm Electrification Bureau

Before the war the electric refrigerator had become commonplace in city homes. After the war, when manufacturers are again allowed to make them, millions of farm families will be able to enjoy the real and everyday benefits of electric refrigeration in the home and about the farm—savings in food, protection of health, and care-free low cost operation.

Many forms of electric refrigeration have been developed for the the farm home and for the business end of farming.

In selecting any refrigerator it is important to have it large enough to take care of all your needs. For instance, select a home refrigerator with 2 cubic feet of storage space per person, and never less than a total capacity of 6 cubic feet. Properly used your electric refrigerator, if of average size, will cost you about 5 cents a day to operate.

Electric cold storages will also be used much more on farms after the war. Farmers engaged in truck, poul-

try, dairy or fruit farming make excellent use of large walk-in electric storages to obtain higher off-season prices. A newer form is the farm freezer—low temperature units which enable you to retain the "fresh" original quality of foods for periods up to a year or more.

In planning for the future remember that you can use electric refrigeration profitably and in many different ways.



Is the corn harvesting one of the biggest jobs of the year for you? Did you ever figure out just how many hours, days, or weeks you spend at it? Mounts up to quite a few, doesn't it?

If you could cut down the time spent at this job, it would be common sense to do so, wouldn't it? Perhaps an ear corn elevator could do that. And if you build it yourself, you will be making a comparatively small investment from which you will reap big dividends in the form of time and labor saved.

Plans for this and other elevators, which may be used for other grains as well as corn are available. Just send a self-addressed, stamped envelope to this paper and ask for Ear Corn Elevator Plans.

### Chemical Spray Will Kill Poison Ivy Effectively

Poison ivy, which yearly causes suffering to many persons, may be effectively sprayed with either of two new miracle weed killers, 2, 4-D or ammonium sulfate.

Best results are obtained when poison ivy is in full leaf. Early morning or late afternoon, when the air is cool and moist, is the best time to apply the spray as maximum results are obtained when the soil is moist but not wet.

More than one treatment usually is needed, so re-treat the weed in two to eight weeks, but watch it for a year to be sure it is really dead.

Poison oak or poison sumac also

## NEWS FROM Adams

Camp Point, Ill.  
DEAN SEARLS, Supt.

### Thirty-five Highest Farm Users

Kent Leeper 365, James H. Gunn 375, Victor C. Carty 376, Hubert Myers 378, Ernest W. Flesner 379, Carl E. Dingson 380, Herbert Orr 384, Alice B. Sterne 400, Tom Kirkpatrick 400, C. M. Ridings 406, J. Roscoe Willard 407, Willis Shriver 414, Wm. D. Walkington 415, John T. Gilmer 417, Earl Dralle 417, Albert A. Hillebrenner 419, Floyd Daugherty 427, Harry Sherrick 435, Earl Tenhouse 435, Wilbur Pearce 440, Duncan Bros. 441, Jacob Jacobsen 450, Herman Heitman 453, Wayne L. Laning 462, L. E. Pickinpaugh 486, Raymond Leeper 491, Thomas D. Sorrell 495, Elmer Alsbmeyer 525, Edward L. Durst 534, R. Wray McIntyre 592, Edward Althoc 603, Clarence Seeland 663, Howard E. Huey 715, Orville Loos 810, Roy Pfanschmidt 1045.

### Ten Highest Village Users

Clara Agans 100, E. A. Flachs 103, Fred L. Camp 105, Sam Howell 110, Henry Friday 130, Fred Grant 133, Bill Irwin 146, Methodist Parsonage—Buckhorn 145, Laura Ritter: 201, Hal Vandiver 283.

### Five Highest Commercial Users

Town of Camden 460, Clayton Waterworks 494, Harry H. Hertzler 528, Green Lantern 672, George Kestner Store 781.

### Members Purchase New Labor-Saving Electrical Equipment

REFRIGERATORS: Cleve Cooley, E. R. Diseron, O. R. Gibson, Carl F. Henning, J. H. Janssen, Iva Mollenhauer, Neil Underwood, Ralph Pope.

ELECTRIC RANGES: Harold Sickles, Melvin Sims, Ralph Pope.

ELECTRIC FAN: Frank Wagner, Pauline Green, Paul Schwengel, Joe Aiken, Burton Chamberlin, Elmo Dunn, Earl Rawson, L. L. Rigor, J. E. Stratton.

ELECTRIC RADIOS: Russell Burnside, Hazel Davis, Hipp Ennen, Frank Knuffman, Leland Payne.

ELECTRIC WASHERS: Hazel Davis, Glenn Muegge, Ed. Totsch, Neil Underwood, Ralph Pope.

ELECTRIC IRONS: Cleve Cooley, Hazel Davis, Hipp Ennen, O. R. Gibson, Frank Knuffman, Neil Underwood.

HOT PLATES: Vernon Decker, Roger Loos, Iva Mollenhauer, Alvin Post, Joseph Schroeder, J. E. Stratton.

ELECTRIC CLOCKS: Harry Bowman, G. E. Janssen, Melba Janssen, Earl Means, Fred Schnellbecher, Jr., Roy Schnell, Frank Wagner.

PUMPS AND MOTORS: Albert Vinson, Melvin Sims, L. L. Rigor, John Gronewald, Elmo Dunn, Frank Rohn.

TOASTERS: Elba Francis, O. R. Gibson, Mrs. Carrie Lierly, Harold Sickles.

WATER HEATERS: Roy Arnold, W. A. Kelly, Darwin E. Musick.

MILKING MACHINES: Frank Croxton, Wilbert Maas, Bernard McCombs, Joseph Zanger.

MISCELLANEOUS ELECTRICAL APPLIANCES and EQUIPMENT: Rudolph Geisler, Master Mixer and Table Lamp; John Gronewald, Furnace with stoker and blower; Lowell Knox, Electric drill; Wilbert Maas, Cream Separator; L. L. Rigor, Electric Heater; Mrs. Lenora Ritchey, Motor for Maytag washer; Chester Root, Pail water heater; J. C. Quinn, Cream Separator; Roy Schnell Waffle Iron; C. V. Weaver, Vaporizer; Lloyd Shoopman, Electric razor; J. A. Stoner, 1/2 HP Electric motor; Ralph Pope, Electric Sweeper.

### OFFICE NOTES

Manager Dean Searls attended the Northern District Managers' Meeting which was held at the office of the Jo-Carroll Electric Co-op at Elizabeth, Illinois, on July 19.

Miss Florence Weisinger, our assistant cashier, left our employ on August 3rd. She was the honored guest at a surprise luncheon given for

her at Hendricks Drug Store in Camp Point, by the other girls in the office. On August 18 Miss Weisinger became the bride of Mr. Lyle Meathering of Camp Point. The scene of the wedding was the Congregational church in Payson. The ceremony was witnessed by the relatives and close friends of the couple. A wedding dinner was served later at the home of the bride's brother and sister-in-law, Mr. and Mrs. Carl Weisinger of Payson. The couple departed by auto for a short wedding trip. Upon their return they will be at home on a farm near Camp Point.

Mr. Harold Harkness left Camp Point on August 8th to deliver a truck chassis to the American Coach and Body Co. in Cleveland, Ohio, where a new body will be mounted on the truck. Mrs. Harkness accompanied him on the trip.

The office force is happy over the arrival on August 6th of a new Addressograph machine. Our old machine was in bad condition and gave a great deal of trouble when we were trying to get meter cards and monthly bills addressed for mailing. The new machine eliminates much of the handling of the address plates, and will save considerable time in sending out meter cards and bills.

Mr. Karl Backer, field construction engineer for REA, visited our project on July 31 and August 1.

Mr. Dean Searls, and several officials of the Cooperative and their wives plan to attend the Annual Meeting of the Association of Illinois Electric Cooperatives to be held at the Abraham Lincoln Hotel in Springfield on September 4th, 5th and 6th.

Our line foreman, J. C. Carpenter, and Mrs. Carpenter and Marjorie, expect to leave on August 16 for a two-week vacation. They will visit relatives in Eaton Rapids and Kalamazoo, Michigan, and also in Sault Ste. Marie, Ontario, Canada. They plan to drive through Wisconsin and visit points of interest on the way, and hope to take a boat trip on Lake Superior.

We had an unusually large number of members in the office on August 7. That was the date of the Farm and Home Bureau picnic held at Bailey Park in Camp Point. The picnic was well attended and it seems that a great many of our members are also Farm and Home Bureau members. At any rate a large number were in the office that day to pay their monthly bills and care for other business matters.

As most of you know, we have experienced two outages already this month. The first occurred on Monday, August 5th and was caused by the heavy rain and accompanying electrical storm. In most cases the outages were caused by fuses blown along our line and lightning striking the line. The most extensive outage occurred on August 8th. The entire system was out of service from 1:00 a. m. until about 8:00 a. m. Most of the trouble was due to an outage on the C.I.P.S. transmission lines which serve our substation. However a large section in Schuyler County was without service until late afternoon. The Bell Telephone Co. also had an outage on their lines and it was impossible to call in to inform us of the trouble. Finally Mr. John Sargent of near Rushville sent his son to Camp Point to bring us the message and we were able to contact our line crew and dispatch them to that area to restore service.

### More New Members Connected To Our Lines During July

These names should have been included in the list of new members published in the last issue of the News, but because they had to be returned for correct signatures, they were not accepted until after the news had been sent in for publication.

Hearl and Ruth Chockley, Moneta and Walter Shank, Rosalee and Russel Koch, William Dunbar, Edwin and Frieda Sims.

Following are members who received service and whose memberships were accepted during July:

Robert E. and Betty Hawe, Mel-dred and Howard E. Huey, L. H.

## NEWS FROM Wayne-White

Fairfield, Ill.  
OWEN J. CHANEY, Mgr.

### Board of Trustees

President: J. Wess Barth, Cisne.  
Vice President: Harold Shepherd, Albion.

Treasurer: L. M. King, Mill Shoals.  
Secretary: Frank C. Gray, Sims.  
Evans Williams, McLeansboro.  
Irvin Yohe, Mt. Erie.  
G. O. Moreland, Norris City.  
George O. Deem, Geff.  
L. P. Dolan, McLeansboro.

### Manager

Mr. Owen J. Chaney, Rinard, Ill.  
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.

For all of Edwards County, all of Wayne County, Crossville, Calvin and Phillipstown, in White County, call Cloyd Musgrave 60M, Norman Davis 18F21 or Bill Fleming 11F23, all of Fairfield.

### First 20 Meter Cards To Come In

Herschel Carter, Geff; George Felix, RFD No. 1, Barnhill; J. H. Dauby Springerton; Francis Gardner, Mill Shoals; Lawrence Lewis, RFD No. 1, Enfield; Manda Frazier, Cisne; Lester Flexter, Johnsonville; Wm. Fleming, Jr., Fairfield; Mrs. Susie Schukraft, Thackeray; Bert Fraim, Golden Gate; George Stull, Wayne City; J. J. Moore, Dahlgren; Herschel Bunting, Albion; Rank Rippey, RFD No. 1, Maunie; Carl E. Pampe, Parkersburg; Andrew W. Miller, McLeansboro; W. O. Harrison, Belle Prairie; H. C. Koertge, Calhoun; Edgar Bryan, Flora; Piercy Atteberry, Mt. Erie.

### 25 Highest Farm Users

Jake Bowyer, Keenes, 1136; W. F. Ackerman, No. 3, Carmi, 755; J. E. Dennis, Crossville, 729; John Spence, Geff, 727; Ben Nation, Fairfield, 599; Carl Shelton, Fairfield, 556; Perry Fulk, Noble, 431; Thomas Bunnage, Ellery, 415; Luke Fyie, RFD, Springerton, 398; Arthur Ackerman, Carmi, 397; Harry Lasater, No. 1, Barnhill, 391; Judge Williams, No. 5, Carmi, 387; H. G. French, Mill Shoals, 380; Loren Ackerman, Rt. 1, Crossville, 380; Earl G. Clemmons, Barnhill, 375; Ulla Givens, No. 3, Carmi, 373; Howard Bunnell, Geff, 372; John L. Rudolph, No. 3, Carmi, 370; Roscoe Wisner, Parkersburg, 352; Holmes Brockett, Carmi, 337; Kermit Mills, No. 1, Bluford, 330; Roy Mokler, No. 1, Crossville, 323; Everett Spencer, Grayville 320; T. B. Melton, No. 1, Johnsonville, 318; G. P. Calvin, Calvin, 312.

### WELCOME NEW MEMBERS

C. D. and Rosemary Saunders, Clay City; Earl and Ruby Marshel, Sims; Ace and Norma Draper, Wayne City; Curtis and Layla Herman, Maunie; Eugene and Velma

and Pearl Barry, Carroll F. and Fleta Burke, Charles S. and Clesta M. Armel, Emmett and Florene Hart-rick, Bennie and Alice Mowen, W. E. and Mabel Smith, Ernest and Rose Juett, Wayne and Virginia Reische, Maurice Bond, Marvin and Julia Chockley, Anthony and Lucille Blickhan, Clarence and Irene Chockley, Alma and Harry C. Bunting, Clarence and Jean Logsdon, Louis D. Prillmayer, Dow and Lulu Leezer, William B. Ward, Sherman and Rella V. Ward, Mrs. Mary Wagner, Fred and Julia Wagner, Earl E. Fredlin, Chas. and Lillian Fuqua, Raymond and Marie Koch.

Verda Bissey, Clay City; Kenneth E. and Ada Belle Bissey, Clay City; S. E. Long, Fairfield; C. J. Brehm Production Co., Geff; Joe H. and Mary I. Moore, Fairfield; R. A. Opal Cooper, Albion; Clyde E. and Elizabeth Inboden; J. T. and Pearl Crabtree, McLeansboro; Stanley and Iona Greathouse, Johnsonville; Lilburn and Cusene McGhee, Maunie; Emil C. and Venora Ahlers, Sims; Brown Bros. Store, Springerton; Miss Dorothy Smith, Wayne City; Nancy Greer,

Henderson, Clay City; J. Milnor and Thackeray; Albert R. and Mary E. Eckleberry, Fairfield; R. L. and Wanda L. Franklin, Fairfield; Clifford O. and Lucille Thomas, Clay City; Leo and Norma Holman, Wayne City; Amos Jones, Xenia; Albert and Ella Simms, Ellery; Allen and Freeda C. Vendever, West Salem; Robert and Hazel Smith, Rinard; Olin and Vada V. Coates, Wayne City; Everett and Emily Buttry, New Haven; Vince and Mabel Lindsey, Clay City.

### ANNUAL MEETING

The Annual Meeting of your Cooperative held August 12, 1946 was well attended by members and their families. Preparations were made to accommodate the usual number that have attended past meetings, but soon after noon it became necessary to rush out for more chairs and by the time the meeting started we had the assembly hall of the Fairfield Community Club almost filled. We hope that this is an indication that our members have at last taken an interest in the operation of their Cooperative and the things that have been accomplished and that we expect to accomplish toward electrification of the rural areas in the counties we serve.

This meeting was strictly a business meeting. Reports were given by the President, J. Wess Barth, by the Treasurer, L. M. King and by the Manager, Owen J. Chaney.

Mr. Barth opened his report by thanking those attending for their presence and for taking enough interest in their Cooperative, during this busy time on the farm, to come out and participate in the activities of the Cooperative. He reviewed briefly what has been accomplished stating that we now have approximately 4800 consumers and that our goal is to bring rural electrification to every farm home within the area we serve as soon as circumstances will permit.

Mr. King reviewed the years business calling the members attention to the financial statement and the statement of income and expense for the year 1944 and 1945. He brought out the fact that our margin of revenue over operating expense totaling \$58,410.28 was \$9,985.94 larger than last year. This enabled the Cooperative to make all of their interest and principal payments as scheduled and to invest \$19,000.00 in Government bonds as a reserve fund to take care of maintenance and replacement in future years, of existing lines. He stated that the Board of Trustees feel that this is good business and is an essential part of any sound business enterprise.

Mr. Chaney compared the years operation with that of previous years. Charts were used to illustrate the growth of the Cooperative, stating that we had 2150 consumers in 1940 and were serving 4500 consumers at the end of 1945.

These 4500 consumers used an average of 59 KWH per month in 1945. This represented a steady growth in the use of electricity since 1940. The average KWH consumption in 1940 was 37. This increase in consumption during the six years resulted in an increase in revenue of approximately \$116,000.00 for the six year period and the average income per month per mile of line climbed from \$8.00 per mile in 1940 to \$15.89 in 1945.

After these reports were heard, the nine members of the cooperative that had been nominated for Trustees by the Nominating Committee were elected to serve on the Board of Trustees for the coming year or until their successors have been duly elected and qualified.

Those elected are as follows: L. P. Dolan, McLeansboro; G. O. Deem, Geff; Harold Shepherd, Albion; Irvin Yohe, Mt. Erie; Evans Williams, McLeansboro; J. Wess Barth, Enterprise; G. O. Moreland, Norris City; Frank C. Gray, Sims; L. M. King, Mill Shoals.

The meeting was concluded by the awarding of a fine collection of electrical appliances and three minimum light bills. Here is a list of prizes

## TRUMAN URGES—

(From Page One)

concerned the REA program read as follows:

"I recognize that in the case of the loan program of the Rural Electrification Administration, direct Federal action is not possible. The program and project determinations are in the various REA cooperatives, and other local groups. However, in view of the importance of curtailing Federal expenditures to decrease inflationary pressures, and in view of the magnitude of the Federal financial participation in the Rural Electrification Administration program, it is important that expenditures for this program also be held to a minimum. "Therefore, I am asking you to take up this matter with the cooperatives and local groups and urge them to keep expenditures for construction to a minimum consistent with the curtailed activities in other Federal public works during fiscal year 1947. The most effective assistance would be obtained if the local groups would voluntarily follow the spirit of the directive issued by the Office of War Mobilization and Reconversion during fiscal year 1947."

A survey is being conducted by the National Rural Electric Cooperative Association among co-ops throughout the country to learn the reaction of officials and managers to the President's order and to crystallize into a forceful protest the opinion of all who feel the White House directive unjust to the rural electrification program.

## DIVERNON MANAGER—

(From Page One)

power plant. He took charge shortly after the municipalization program was voted and served during the period of development which ultimately brought the plant to a high rating of efficiency among municipal plants in the country.

His work in San Francisco for the past two and one-half years was as supervisor of the electrical division of the San Francisco Naval Shipyard.

It was while attending college he met the girl who was to become Mrs. White, a native of Charleston. With their daughter, Charlotte Anne, 17, the Whites are endeavoring to find suitable living quarters in Divernon or the immediate vicinity but current prospects appear discouraging. They are hopeful of getting settled by early September in order that Charlotte Anne will be ready to start her senior year in the Divernon high school.

given and the members receiving them.  
Electric Clock—Wm. H. Martin, Norris City.

Electric Toaster—C. E. Moore, Maunie.

Electric Fruit Juicer—Fred Reid, Albion.

Electric Heater—Chalon Mayberry, Norris City.

Electric Clock—Phillip Colyer, Albion.

Electric Poultry water warmer—Willis Hunley, Johnsonville.

Electric Iron—W. E. Clark, Fairfield.

Electric brooder—John Smith, Enfield.

Electric Time Clock—Joseph Talbert, Wayne City.

Electric Poultry Water warmer—Thomas Adams, Golden Gate.

Electric Time Clock—R. R. Sanders, Keenes.

Bridge Lamp—Phillip King, Golden Gate.

6 mos. minimum light bill—Ellis Bennett, Albion.

Electric Clock—Virgil Mann, Ellery.

Electric brooder—Charlie Clark, Albion.

3 mos. minimum light bill—Mrs. Evans Williams, McLeansboro.

Floor lamp—George Haegle, Barnhill.

1 Yr. Minimum light bill—Clarence Grubb, Fairfield.

1/4 H.P. Motor—Chris Fleck, Enfield.

**NEWS FROM  
Corn Belt**

Bloomington, Ill.

T. H. ZAFER, Supt.

**4-H FARM ELECTRICITY  
PROJECTS SHOWN**

McLean County has for several years had classes at the 4-H club show for the farm electricity project. Your cooperative has helped with this project by holding three meetings each year to assist club members interested. Mr. Ayleworth and Mr. Orendorf, our wiring inspectors, have demonstrated at these meetings the major principles of using electricity and the safety rules which should be used as a guide. Several of the 4-H members have done excellent work in making of home made appliances and wiring jobs.

The high point in our 4-H club work is the exhibit. In McLean County the club members make an exhibit at the 4-H county fair, held this year August 6, 7 and 8. Following are the winners in the various classes:

Wiring cattle barn—first place, James Merna of the Towanda Toppers 4-H club.

Portable fractional horsepower motor—first place, Mark Gould, Towanda Toppers 4-H club.

Wiring display board—first place, Howard Lehman.

Miscellaneous class—first place, Loren J. Kimmick, Allen Pathfinders 4-H club; second place, Ivan Kidd, Jolly Twisters 4-H club; third place, John Lundgren, Meadows. The first two of these exhibited an electric fence which they had made and the third one equipment to use a 3-phase motor on single phase current.

Loren J. Kimmick was awarded the trophy for the outstanding electric exhibit.

**C.B.E.C. BOOSTER COMMITTEE  
TO MEET**

The first meeting of the Corn Belt Electric Cooperative Booster Committee is called for Thursday evening, August 29th at Bloomington. This committee is composed of a man and his wife from each township, appointed by the Board of Directors, to discuss more in detail with the board several co-op policies in order to make the electric service most useful and economical to the members. It is hoped that this committee will help promote a better understanding of their cooperative by all members. Some of the subjects to be discussed will be—

(1) Should we have some community member meetings with movies and discussions of co-op problems?

(2) Since there has been so much unsafe wiring added on members' farms, should a re-inspection be made on all premises for a fee of \$1.00?

(3) What should be done to correct any misunderstandings of co-op policies among co-op members?

(4) How should we answer the talk by many big and small business men about taxing cooperatives?

Following is the list of those who have been appointed on this committee. Any member who has any suggestions to be brought up at this meeting should make them to someone at the co-op office or any one of these committeemen.

**BOOSTER COMMITTEES**

The following gives the township, name and address:

- Allin—Mr. and Mrs. Arthur B. Warlow, Stanford.
- Arrowsmith—Mr. and Mrs. Merritt Hensley, Arrowsmith.
- Austin—Mr. and Mrs. Howard Ferry, Warrensburg, R. No. 2.
- Bellflower—Mr. and Mrs. Arthur Paulin, Bellflower.
- Bloomington—Mr. and Mrs. Herbert Schroeder, Bloomington, Rt. 2.
- Blue Mound—Mr. and Mrs. Gerald Wissmiller, Cooksville.
- Boynton—Mr. and Mrs. Park Hanning, Delavan, Rt. 2.
- Cheneys Grove—Mr. and Mrs. Herman Warsaw, Saybrook.
- Chenoa—Mr. and Mrs. Elza Pick, Chenoa.
- Clatonia—Mr. and Mrs. Carl Mil-

- ler, Clinton.
- Creek—Mr. and Mrs. Lee McCammon, Maroa.
- Dale—Mr. and Mrs. Ed Cordes, Bloomington, Rt. 3.
- Danvers—Mr. and Mrs. Newton Bostic, Danvers.
- Dawson—Mr. and Mrs. Geo. Coale, Downs.
- Deer Creek—Mr. and Mrs. John Roth, Deer Creek.
- DeWitt—Mr. and Mrs. Clarence Glawe, Farmer City.
- Dillon—Mr. and Mrs. Dewey Winkler, Delavan.
- Downs—Mr. and Mrs. Arthur Flugel, LeRoy.
- Drummer—Mr. and Mrs. Arthur Jensen, Gibson City.
- Dry Grove—Mr. and Mrs. Parke Stahly, Danvers.
- Elm Grove—Mr. and Mrs. A. P. Luft, Tremont.
- El Paso—Mr. and Mrs. W. C. Shaffer, El Paso.
- Empire—Mr. and Mrs. Wm. Vance, LeRoy.
- Friends Creek—Mr. and Mrs. Fred Waller, Maroa.
- Funks Grove—Mr. and Mrs. Ernest Lambert, Randolph.
- Goose Creek—Mr. and Mrs. H. B. Husinga, Deland.
- Greene—Mr. and Mrs. Carl Quiram—El Paso.
- Gridley—Mr. and Mrs. Ed Kearney, Gridley.
- Harp—Mr. and Mrs. John Robison, DeWitt.
- Hittle—Mr. and Mrs. Homer Hallstein, Armington.
- Hopedale—Mr. and Mrs. E. F. Paine, Tremont.
- Hudson—Mr. and Mrs. Ralph W. Burtis, Hudson.
- Kansas—Mr. and Mrs. Harold Cdump, Carlock.
- Lawndale—Mr. and Mrs. J. F. Gray, Colfax.
- Lexington—Mr. and Mrs. Ray Ricketts, Lexington.
- Little Mackinaw—Mr. and Mrs. Wm. Kuhfuss, Mackinaw.
- Mackinaw—Mr. and Mrs. Clarence Appenzeller, Mackinaw.
- Maroa—Mr. and Mrs. Wallace St. John, Maroa.
- Martin—Mr. and Mrs. Harold Birckelbaw, Colfax.
- Money Creek—Mr. and Mrs. Warren Dodson, Lexington.
- Montgomery—Mr. and Mrs. Leroy Schertz, Eureka.
- Mt. Hope—Mr. and Mrs. Jesse Stubblefield—McLean.
- Nixon—Mr. and Mrs. W. H. Brighton, Weldon.
- Normal—Mr. and Mrs. Glenn Rader, Bloomington, Rt. 4.
- Old Town—Mr. and Mrs. J. E. Gresham, Bloomington, Rt. 1.
- Olio—Mr. and Mrs. Claude D. Mishler, Eureka.
- Palestine—Mr. and Mrs. James McWilliams, El Paso.
- Panola—Mr. and Mrs. Roy Alt, El Paso.
- Randolph—Mr. and Mrs. Dwight Homenover, Shirley.
- Rutledge—Mr. and Mrs. Carlos Seifert, Farmer City.
- Santa Anna—Mr. and Mrs. Clyde Warren, Farmer City.
- Texas—Mr. and Mrs. S. F. Weaver, Clinton, Rt. 2.
- Towanda—Mr. and Mrs. Edwin Sutter, Bloomington, Rt. 1.
- Tremont—Mr. and Mrs. Roy Parkhurst, Tremont.
- Wapella—Mr. and Mrs. Gerald Brown, Wapella.
- West—Mr. and Mrs. Harlow Taylor, Farmer City.
- White Oak—Mr. and Mrs. Ralph McKinney, Carlock.
- Whitmore—Mr. and Mrs. Everett McClelland, Oreana.
- Willow Branch—Mr. and Mrs. W. E. Miller, Cisco.
- Wilson—Mr. and Mrs. Wilbur Longbrake, Wapella.
- Yates—Mr. and Mrs. Jay C. Smith, Chenoa, Rt. 2.
- Logan County—Mr. and Mrs. Logan Gilchrist, Emden.

**QUESTIONS OFTEN ASKED**

Q. I have installed an electric

range. What kind of a rate do I get?  
A. An economical rate for the electricity used by a range is already included in the regular farm rate which almost all of our members are using. This rate is so arranged that for the electricity used for lighting and small electric appliances the rate per kilowatt hour is higher in order to take care of the overhead expenses of the cooperative. Then as more electricity is used the rate rapidly reduces per kilowatt hour until any power used over 200 kilowatt hours per month comes at the low rate of 1½ cents per kilowatt hour.  
Most members will find that when they get a range they will already be using enough electricity that the rate for that used by the range will be used in the 2½ cents bracket or at 1½ cents brackets. Experiments by the University of Illinois, Home Economics Department showed that for cooking meals electricity at 3 cents per kilowatt hour is as cheap as bottled gas. Therefore, on our regular rate schedule electricity for cooking is very economical.  
The complete rate is printed on the back of your bill.  
Q. Do I get a special rate for my hot water heater?  
A. Yes, there is a special rate for a hot water heater which meets certain requirements. This is possible with a hot water heater because it can be so arranged that this heater will use electricity only at periods of the day when ranges and other equipment is not being used. This is what is called an "off peak" rate. Electricity can be delivered to the farm more cheaply at times when the lines and transformers are not already loaded. This situation, of course, is not in effect at present because the REA lines here are not yet loaded to capacity. We still have plenty of room for additional load but this hot water heater rate is in effect so that members will purchase the right kind of heaters in order to keep from overloading our lines later.  
Eligible heaters for this special rate must be 30 gallons insulated tank, or larger, and must have two heating elements in them.  
Members interested in this rate should request a special application blank from the office.

**NEWS FROM  
Western Illinois  
Carthage, Ill.  
L. C. MARVEL, Supt.**

**HAVE PATIENCE!**

Another month has gone and still we are waiting on that hard to get material to build lines. We know there are a good many people who are anxious for the electric service; and we are very anxious to get started on our work, but like a good many of our members who are still waiting on that new refrigerator, stove, water heater, or electric iron, we are waiting on poles, wire, anchors, transformers, etc. If your neighbor asks why we aren't building that line to him, we would appreciate if you will give them this little bit of information. You can be assured that we have done, and will do, all that is in our power to get that service to your neighbor.  
People everywhere are disappointed in not being able to secure new cars, radios, refrigerators, tires and scores of other items but we can assure you it is much easier to pick up a few of the above items than it is to secure enough construction materials to build hundreds of miles of power lines.  
Everyone concerned and associated with your co-op is doing everything possible to rush the rural electrification program.  
It is the policy of the Board of Directors to build lines where we can serve the most people for the least possible material while materials are so hard to get.  
**NEW APPLIANCES**  
Since last month Mrs. Florence

Wisehart, Lyle Livingston, and Leonard Reed have purchased new refrigerators, George Luft has installed a new electrical water system (Red Jacket Pump), and August Wipff has installed an electric range. Mr. Lloyd Dickson, the Coop. President, has installed a new electric water heater.

**NEW MEMBERS**

Cleo and Louise Campbell, Howard and Mabel Hitz, Paul and Alice Alden Olson, Wm. Cheesbro, Shirley and Kathryn Walbring, John and Leona Hart, James D. and Eula Rogers, and the Olena M. E. Church are new members during the month of June; Violet and Gene Edmunds, Lester R. and Nadyne S. Fooker, Earl P. and Daisy Horney, Erma and Clifton O'Harra, and Louis and Inez Thompson, are new members during the month of July.

**OFFICE NEWS**

We have three new employees. Donald Hutchins, groundman, and John Gerdes and Luther Bennett, G.I.s, training to be linemen.

Mr. Lloyd Dickson, President, Mr. Lee Murphy, Secretary, and Mr. L. C. Marvel, Manager, are planning on attending the 5th Annual Meeting of the State Association REA Co-ops, on September 4th, 5th and 6th.

**BRING IN YOUR SCRAP IRON!**

The theme of this plea is old, but the need for your scrap is ever new. Inventories of iron and steel scrap are at dangerously low levels and there must be a continuing flow of it to keep industry supplied with metal as fast as it is needed.  
One-half of the metal that goes into all new farm machinery comes from scrap iron. So does half of the iron that goes into sheet metal for the Manufacture of cans. All of the iron and steel that goes into the manufacture of your electrical facilities and appliances, your pumps, your motors, must have scrap iron in it when it is made.

Farm scrap is highly prized because it lends itself to peak steel production quickly. So, when you get a new farm implement, don't leave the old one out back of the barn or down in that out-of-way fence corner. Get it started back to the furnaces where it can be melted down, recast and put to work again. It may come back to you in another new farm implement, a tractor, a truck, a transformer for your power line, or some other equally useful, hard-to-get item.

A broken or displaced power line may look innocent enough, but it is too dangerous for anyone but trained men to handle. When you see anything of this kind, keep entirely free from any contact with it and notify the Co-op office at once.

**OPERATING REPORT FOR JULY**

Members billed	1330
Total Sales	\$7,362.52
Average Bill	\$5.54
Total KWH Sold	152,230
Minimum bills	333

Mr. F. C. Hyndman of Hamilton tells us he has about 10,000 turkeys. About 5,000 each of Broadbreast Bronze, and Beltville Whites. The Beltville Whites, are a new strain of turkey and are called family size, the hens weighing from 8 to 10 pounds, and the Toms not over 16 pounds. Mr. Hyndman has installed the light to the turkey pens to assist him in raising this fine flock.

The officers and directors of the McDonough Power Cooperative, and the Western Illinois Electrical Co-op will hold a joint meeting on August 19th at Carthage, Illinois, to elect a director to represent our district in the Illinois State Electrical Cooperative Association.

**IMPORTANT NOTICE**

If your service is off, do not wait until after five o'clock, or the next day to notify the office of the Co-op. Check your fuses first to see that it is not your own trouble, then with your neighbor, and call the office collect.

**NEWS FROM  
Southeastern**

Harrisburg, Ill.

A. F. LENTZ, Supt.

For Sale: About 5 million sparrows, on the wing, cheap.

A number of our members have been asking us what is causing so many transformer fuses to be blown, thus disrupting their service and in the great majority of cases we find sparrows at the base of the pole by the hatfuls, and up to now, we have found no effective relief. We have noticed particularly where there is water such as a large tank in the barn lot, or a pond that there will be hundreds of these birds in this water and then they fly up on the transformer pole and all "snake" themselves at once causing a heavy mist which causes a short and out goes a transformer fuse. Of course if our transformers were all self protected type we would avoid that trouble but all the original section on some 816 miles were of the old style and the "go out." We just have to tret through this particular season and restore service as best we can, however all new transformers are "CSP" (completely self protected) which gets away from bird trouble.

We have had considerable rain in this area which has slowed up our construction program somewhat, however we did receive a supply of poles, the first received in 1946, the past couple weeks and are now able to build some extensions that have been waiting due to a shortage of poles particularly 35 ft. poles.

**"C" Section**

Poles for this section have not been received as yet, however we do have about all the pole line hardware and conductor, but do not have the transformers. No further information is available at this time relative to a contract for this section.

**Payment of Bills**

Each month we have a number of members that mail in their bill and just put the money in the envelope. We wish to caution everyone that we cannot be responsible for money placed loose in the envelope and mailed, as there is too much danger of it becoming lost or the envelope being torn and the money lost. In such cases the member would be sure that he sent the money, we could be sure that it was not received by us and both be right, but unless the money is received the account is still open and unpaid, so we ask that everyone mailing in their bill that they mail a check or money order to avoid loss.

**Electric Motors**

In answer to a great number of questions relative to the possibility of new electric motors we wish to state that no small motors are available as yet. We have been able to get a few 2 h.p., 3 h.p. and 5 h.p. but our stock is all gone at this writing.

**Vital Statistics for July 1946**

Members Connected	4975
Members billed	4958
Farm Members billed	3872
Non-Farm Members billed	561
Commercial Members	190
Public Bldgs.	303
3 Phase Members billed	32
Miles energized	1204
Average per mile	4.13
Operating revenue per mile	\$23.10
Kilowatts purchased	
CIPS reading (calendar month)	917,100
Our reading (20th-20th)	827,100
Kilowatts sold	606,410
Line loss	266
Kilowatt demand:	
Ledford substation	1224
Benton substation	267
Galatia substation	246
Marion substation	348
(Coal mines not working)	
Minimum bills	2444
Min. per cent	49.2
Total Amount billed	\$27,816.60
Power bill	9,501.80



# Junior News

from REA farms

## Pen Pals

### Fair Time Is Here Again!

Did you know that there will be 77 county and district fairs in Illinois this year, Pen Pals? They started in July and the last one will be in December, but most of them will be held during August and September. We know that all you 4-H Pen Pals will come through with lots of prizes and honors for your projects and that all of you will have a grand time. Write and tell the other Pen Pals all about it. Better do it before school starts, too. Send your letter to Joan Cameron, Junior News, Illinois REA News, Petersburg, Ill.

### Delores Likes Volleyball

This is my first letter to REA Junior News although I read every issue. I am 14 years old and will be a freshman when school starts again. My birthday is March 30. My hair is dark brown and my eyes are greenish-blue. I am about 5 ft. 4 in. tall. I have a brother, 2 dogs, and a cat with kittens. I like to go to movies, sew, play volleyball, and ride horses. I also like to cook. I would like both boys and girls 14 years or older for Pen Pals.—Delores Cross, R. R. 2, Granville, Ill.

### Joyce Plays Piano

I am a girl of 12 years, have sandy brown hair and hazel eyes. I am 5 ft. 6 in. tall. I will be in the eighth grade this year. My favorite hobby is playing piano. Come on, boys and girls, write and fill my mailbox. I will answer all letters.—Joyce Arliene Barger, R. 1, Stonefort, Ill.

### Tray Has Pet Dog

This is my first letter to REA News. I am 9 years old, have red hair and green eyes, weigh about 65 lbs., and am about 4 ft. 5 in. My hobby is raising a pet dog. I have two sisters. I go to the Stone Church School and I am in the fourth grade. So come on, girls and boys, write.—Tray Turner, R. R. 2, Elizabethtown, Ill., c/o Myrtle Vaughn.

### Has White Cat and Dog

I am a girl of 10. My birthday is Oct. 21. I have dark brown hair and bluish-gray eyes. My height is 4 ft. 5 in. I weigh 64½ lbs. My complexion is fair. I have many hobbies, such as reading, writing, and collecting souvenirs of all kinds. I also like to care for pets. I have a white cat named Snowball and a white dog named Powder.

I have one sister. Her name is Betty Joan. She is 11 years old. I will be in the seventh grade this fall. I go to a country school. I will answer all letters written to me. So come on, Pen Pals and fill my mailbox with letters.—Bonnie Jean Bayne, R. R. 1, Cave-in-Rock, Ill.

### Collects Shakers

I am 14 years old, 5 ft. 4 in. tall. I have blond curly hair and blue eyes. I live on a county farm. My hobby is collecting salt and pepper shakers. I will be a freshman in Downs High School next fall. I'd like boys as well as girls to write to me. I will answer all letters.—Maxine Tallon, R. R. 1, Downs, Ill.

### Mary One of Twelve

I am from a family of twelve. I have 8 brothers and 3 sisters. I belong to a 4-H club of 17 girls. We gave our leaders each a nice picture for leading. We have a clothing club. We have two dogs. I am 11 years old. My hobby is reading and I love to write letters, so please, Pen Pals, write to me. I will answer any letters I receive.—Mary Jane Ratermann, R. R., Breese, Ill.

### Wants To Be Reporter

I am 14 years old and my birthday is June 14. I have blue eyes and brown hair. I weigh 105 lbs. and am 5 ft. 4 in. tall. I will be a freshman in high school this year. I like many sports but my favorites are horseback riding and ice skating. I also have quite a few hobbies which are stamp collecting, collecting movie star pictures, picture cards, and different buttons. I also belong to the Sunat Carson Fan Club.

My greatest ambition is to become a reporter. At least, I hope to be one someday. I would like very much to be a Pen Pal, and would like other Pen Pals to write to me, boys as well as girls, and I will be glad to exchange pictures with them.—Gloria Jean Dawes, Grantsburg, Ill.

### Jackie Likes Cats

I am 10 and have brown hair, green eyes. I go to Hickory Grove School. I will be in the sixth grade. My hobbies are bike riding, sewing, collecting pictures, reading, playing with cats, listening to a radio. I have a sister 18, three brothers, 7, 14 and 16. I get a bike soon. My birthday is No. 8.—Jackie Kay Wyatt, R. R. 1, Dorsey, Ill.

### Raises Blue Ribbon Hereford

I'm 16 years old, my birthday being July 15, am 5 ft. 6 in. tall, have blond hair and green eyes. I'll be a Junior in high school and like school very much. I like to dance, skate, and listen to popular music. I live on a farm and belong to a 4-H club. It is an Agriculture Club and for a project I have a registered Hereford. Last year I got a blue ribbon on it. I'm all for 4-H work and think all children should belong to a club. I'm also a Rural Youth member. To learn more about me, you gals and guys between 16 and 21 will have to write. I'll be looking for some mail and I'll exchange snapshots.—Lillian Mansholt, Box 4, Hookdale, Ill.

### Elizabeth Is Cheer Leader

I like to read the Junior News, but this is my first letter to it. I am a cheer leader of McGuire School. I am 9 years old. I am in the fifth grade. My birthday is Aug. 25. I have 4 brothers, 2 sisters, and 2 sisters-in-law. Come on, Pen Pals, I like letters. Fill my mail box. I will answer all letters.—Elizabeth Ann Balance, Wolf Lake, Ill.

### Cooking, Gardening Mary's Projects

I am 14 years old. My birthday is Jan. 1. I am 5 ft. 4 in. tall and have brown hair and hazel eyes. I have many different hobbies. I collect paper napkins, movie star pictures and picture postcards. I like all sports.

I have 3 brothers and 1 sister. One of my brothers is in the Navy. I belong to two 4-H clubs. I take cooking and garden projects. I would like to have boys as well as girls write to me. I will exchange snap shots. I will answer every letter I receive.—Mary Louise Bergland, R.F.D. 3, Princeton, Ill.

### Marilyn Collects Pennies

I am 4 ft. 8 in. tall and 10 years old. I have blond hair and brown eyes. I weigh 80 lbs. I will be in the sixth grade this year. My birthday is Dec. 24. I collect pennies and like to ride bikes. Write me, Pen Pals.—Marilyn Neldner, R. R. 1, Lexington, Ill.

### Two Pet Bantam Hens

I am 10 years old. I have blond hair and gray eyes. I weigh 69½ lbs. I'm 4 ft. 9 in. tall. I go to Hickory Grove School and am in the sixth grade. My hobby is collecting pictures or movie stars and sewing for my doll. I have two pet bantam hens, a dog named Snookie, and a calf. I read every issue of REA News. So come on, Pen Pals, write me lots of letters. I will answer all of them.—Bonnie Moon, R. R. 3, Litchfield, Ill.

### Collects Western Songs

I'm writing to Junior News because I wish to have some Pen Pals. I am 15 years old. My birthday is the 12th of February. I have brown eyes and brown hair. I weigh about 115 lbs. and am about 5 ft. 2 in. tall. I have 8 sisters and 1 brother.

My hobbies are collecting Western songs and photos of my friends and pals. So come on, boys as well as girls. Let me hear from you soon. I will exchange pictures and answer all letters I receive.—Roberta Ann Piper, R. 1, Carlock, Ill.

### Frances Writes Fiction

I am a girl 13 years old. I am 5 ft. 1½ in. tall and weigh 98 lbs. I have brown hair and gray eyes. My hobbies are writing fiction stories and riding bicycles, also writing letters. I live on a 750-acre farm 10 miles north of Geneseo, Ill., and 3 miles south of Hillsdale, Ill. I will be a freshman in Hillsdale High School this fall. I also am a girl scout in Troop No. 2, Hillsdale. I have 3 brothers.—Frances Ropp, R. R. 1, Geneseo, Ill.

### Many Movie Favorites

This is my second letter to the Junior News. I will be in the fifth grade this year. We have 65 young ducks. We have 4 cows and 3 calves. The calves' names are Beauty, Betty and Ruby, and the cows' names are Judy, Dan, Toots, and Blackies. My sister and I have some young chickens.

My hobbies are reading, spelling, English, drawing, coloring, embroidery, arithmetic. I like to read movie magazines and collect movie star books. Some of my favorite games are doged ball, Kix ball, and tennis. Another is jumping the rope and hopscotch.

My favorite movie stars are Roy Rogers, Gene Autry, Margaret O'Brien, Allan Sane, Betty Hutton, William Boyer in Hopalong Cassidy.

We went to Bible School and we went every day but the first day. It was Suthers' birthday and I missed the first day.—Mary Kay Jones, R. R. 1, Box 160, Ridgway, Ill.

### Plenty of Shoes

Forty-six and a half million pairs of shoes were manufactured during June, which is rapidly leading to a supply-demand balance. Some types of infants' and women's shoes are in surplus and have resulted in price declines. Total employment in the shoe industry is approximately 250,000, an increase of about 80,000 persons since August, 1945.

## RECORD ATTENDANCE—

(Continued from Page One)

E. Lehmann of the University of Illinois and a report of the past year's activities in safety and job training will be made by Instructor D. B. Bidle.

"Looking Ahead With The REA News", will be the topic of a discussion by A. D. Mueller, editor of the Illinois REA News, and a panel discussion will be conducted by the regional heads of the Rural Electrification Administration comprising Harold Whittle of the Management Division, D. W. Baker of the Finance Division, George Dillon of Applications and Loans, and Chris Schultz of the Engineering Division. A motion picture, "The Farmer's Telephone" will be shown.

### Important Messages

Lieutenant Governor Cross has indicated he will discuss the road building program in Illinois particularly the emphasis being placed by the state government on the construction of farm-to-market roads in the immediate future as restrictions on materials and manpower are lessened and the post-war period of public works development gets into full swing.

Always an inspiring speaker, Administrator Wickard is expected to bring a significant message concerning the future development of the REA program, its opposition by powerful enemies of cheap electricity for American farmers and homeowners, and the plans of the federal agency for stimulating and encouraging the co-ops to strive for complete area coverage of electric service in all sections of the country. Wickard's outspoken campaign against the utility interests whom he has charged with seeking to hamper the REA program has taken him into all sections of the United States during recent months and his report on conditions promises to be of great interest.

Director Benson of the state department of agriculture has demonstrated an enthusiastic interest in the development of rural electrification in Illinois since his appointment to his present post. He has advised the state association he hopes soon to have the Division of Rural Electrification in his department again functioning as an aid to the overall program in Illinois. This division suspended activities during the war but its need as a coordinating agency has been keenly felt by REA cooperatives since V-J Day. Benson's anticipated message on general farm affairs is expected to be of particular interest to the IAA and Farm Bureau guests at the convention.

### IAA Representative

Formerly president of Coles-Moultrie Electric cooperative at Mattoon, a post he resigned last year when elected president of the Illinois Agricultural Association, Charles R. Shuman is particularly well qualified to discuss the many and varied phases of the entire farm and REA programs in the state and to bring to the convention audience a message of timely importance. He accepted with alacrity the invitation to appear on the program and his address is expected to be one of the highlights of the three-day meeting.

Invitations not yet confirmed have been sent to J. C. Nichols, president, and Clyde T. Ellis, executive secretary, of the National Rural Electric Cooperative association, who have been billing on the program in anticipation of their being able to crowd a visit to Springfield into their busy schedules. President Nichols this month called a meeting of the national organization's board of directors in Yellowstone National Park and he and Ellis, it is hoped, will be able to return as far as Illinois to report on that meeting enroute to Washington, D. C.

### Women's Program

Immediately following the afternoon session on the second day of the convention, the women will be guests at a tea and reception in the Governor's mansion situated one block west of the Abraham Lincoln hotel.

On Friday, September 6, a special

luncheon for the women will be held in the spacious dining room on the top floor of the Elk's Club with favors for all who attend.

Miss Joan V. Cameron, assistant editor of the Illinois REA News, will be the principal speaker on this occasion. She has chosen for her topic, "What Makes the News for REA Women" and from her background as a farm girl turned journalist, is expected to bring an unusually interesting discussion of special significance to women who live on REA-served farms or are still waiting for the benefits of electric service.

Recognizing that all business and no play makes a convention dull, the state association program committee has provided for musical interludes during recesses in the business sessions and for professional entertainment at the banquet on Thursday evening.

Following the banquet, at which G. Wayne Welsh, state director, will serve as toastmaster, a job at which he is an artist, the ballroom will be cleared for dancing to the music of the Gorsek Orchestra, famed group of instrumentalists of Springfield.

## GRAIN CEILING RISE HOPED TO CUT FEED USED FOR LIVESTOCK

With the nation's default in famine relief shipments soaring toward the 1,000,000-ton-mark, officials in Washington were reported this month to have decided on a new price formula for getting more grain from livestock bins for use as human food.

Announcing a new program, officials of the Agriculture Department said it probably will involve an upward readjustment in the ceiling prices of grain and livestock feeds.

One of the major causes of the current shortage of wheat for food has been heavy use of this grain for livestock feed. Many farmers have reported that they could make more money feeding grain to livestock at present ceiling prices than by selling it as grain.

### Probable Increases

Agriculture Department officials predicted an increase of between 20 and 25 cents a bushel in the ceiling price of corn, 5 to 10 cents a bushel for wheat, and "several cents" for oats, barley, and grain sorghums.

The decision was said to have been made after it became apparent that this country may not be able to meet its wheat export goal for the first six months of 1946.

Secretary Anderson admitted, after being optimistic earlier, that it looked as if the grain quotas would not be reached. This change in mind reflected department reports that exports of wheat for the period January 1 to May 8 fell 881,000 tons, or 33,033,000 bushels, behind the goal for that period.

### Orient To Suffer

The lag in American exports will be reflected, Anderson said, by a "particularly acute" shortage of food in many famine areas during May, especially in China and India.

Countries served by UNRRA will get only about 60 per cent of what UNRRA Director-General F. H. Law Guardia described as "minimum needs."

If the corn ceiling is raised, the government's offer to pay a 30-cent-a-bushel bonus on 50,000,000 bushels of corn for famine relief will be withdrawn, officials said. The greater part of the 50,000,000 bushels already have been obtained. But the present 30-cent bonus on wheat were to be retained until last week.

Increases in feed grain prices could be expected to cause hogs and cattle to start moving to market at lighter weights. For a short period the amount of meats available would be greater, but supplies later would suffer.

One fifth of the national fire loss last year was on farms, with \$90 million as the property loss, estimated by the National Safety council.

## MERCHANDISING OF ELECTRIC APPLIANCES OF DOUBTFUL BENEFIT TO COOPERATIVES

By CLAUDE R. WICKARD  
Administrator  
Rural Electrification Admin.

Within the limits of its charter, the REA cooperative can undertake anything its members consider desirable—providing, of course, that such action is to the best interests of the REA program and not in conflict with the REA mortgage.

But the co-op Board, while not actually managing the co-op, does carry full responsibility for management and is expected to use sound judgment in directing the cooperative's affairs.

It is, therefore, up to the Board to keep the cooperative from becoming involved in activities which might endanger the success of the cooperative enterprise or needlessly create antagonism toward the cooperative.

One such activity which might do this very thing is the merchandising of electrical appliances by the cooperative. There is, of course, no question but that the market for electrical appliances of all kinds is going to be tremendous during the next few years. At first glance it might appear that selling appliances by the cooperative itself would be an easy way to kill two birds with one stone. It would make money for the cooperative and it would build load. Some Boards and managers will obviously be tempted by these apparent possibilities.

However, the financial risks involved in merchandising are so great and the consequent loss of good will is so real a danger that we feel it our duty to urge REA co-op Boards to avoid the actual selling of appliances by the cooperatives themselves.

Anyone not familiar with the many

special problems in the appliance sales field is bound to run into grief and headaches which can only detract from its effectiveness of the cooperative in carrying out its primary objective. Furthermore, it should be kept in mind that a merchandising department would have to stand entirely on its own feet and cannot be supported with revenue derived from the sale of electric service. Nor could any surplus from merchandising activities be diverted to the appliance purchasers.

It is our belief that REA cooperatives will find it more satisfactory in the long run to rely on local dealers to sell equipment and appliances if the dealers will provide adequate servicing.

Existing merchandising facilities include commercial dealers as well as farm supply purchasing cooperatives and rural co-op stores which increasingly are adding to their other lines of merchandise.

Cooperatives can and should work closely and impartially with dealers in their areas in utilizing programs aimed at enabling members to make full use of electric power. Furthermore, the local cooperative will do well to work with local dealers to the end that cooperative members will be assured a fair share of the available merchandise—especially during the early stages of reconversion.

## Engineer Offers New Solution To Missouri Valley

A proposal that the engineering profession conduct a survey "to show the necessity for a detailed study of the water needs in the Missouri Valley" was proposed by W. W. Horner, St. Louis, consulting engineer in an address before the convention of the American Water Works Association.

Horner rejected both controversial plans already proposed for solution of the valley's problems. These are the Pick-Sloan inter-agency plan adopted by Congress, which he said had not met the tests necessary to prove it is in the public interest, and the Missouri Valley Authority plan, which proposes a Tennessee Valley Authority type of control.

Under Horner's suggestion, after the need for detailed studies had been shown by the engineer's survey, actual studies would be continued by existing government agencies, with a control council to be created to serve as co-ordinator and referee on the various plans resulting.

### Analysis Board

A five-man executive committee of the proposed council, Horner suggested, would analyze the economic soundness of the various plans, and present the full results of its findings to the public.

"The average taxpayer," he said, "has difficulty in becoming informed of the struggles for attention between the agencies and the pressure blocs.

"Even when we develop a strong opinion as to the public interest, the taxpayer finds no existing organization through which he can express himself," Horner declared.

In rejecting the Pick-Sloan plan, sponsored by the Army Engineers, the Bureau of Reclamation and the Department of Agriculture, Horner said:

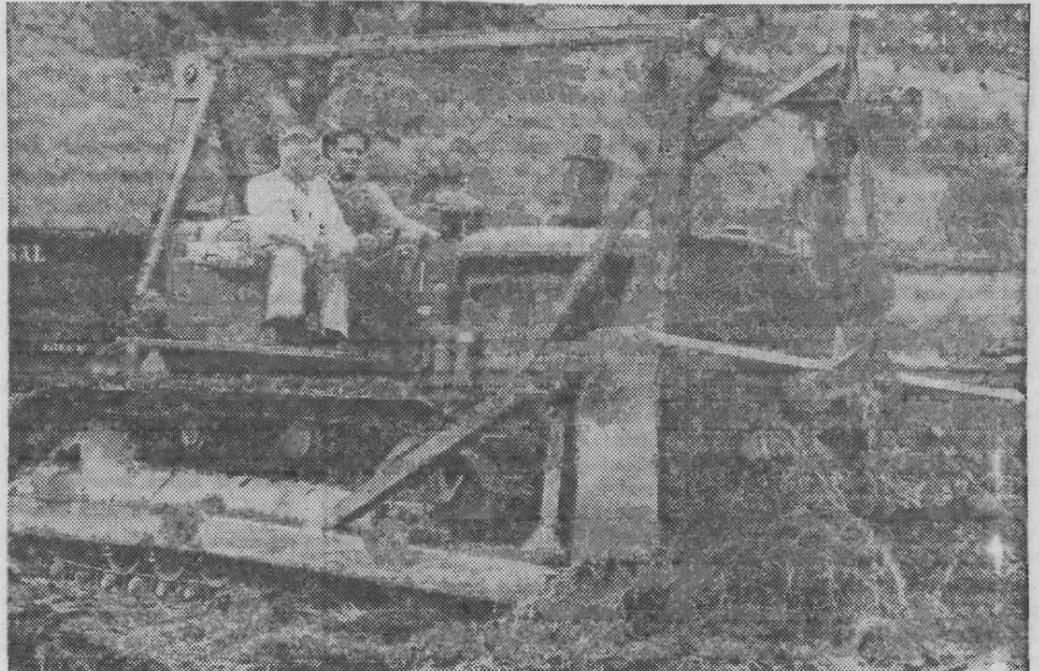
"Natural pride of the agencies in their accomplishments and prerogatives will result in unsatisfactory 'horse trading' procedures both by the inter-agency committee in Washing-

## Taking A Squint At REA Co-op's Work



Many thousands of visitors to the Illinois State Fair this year got their first glimpse of what goes on behind the scenes of an REA cooperative when they visited the booth at the north end of the grandstand set up by the Association of Illinois Electric cooperatives. This was a typical scene at the REA booth during the fair.

## LOOK OUT BRUSH, HERE WE COME!



Keeping brush cleared from beneath the lines of Menard Electric cooperative, Petersburg, will be simplified in the future, as will all other jobs involving the moving or leveling of dirt, by this huge Diesel-motored crawler tractor and bulldozer recently acquired by the co-op through the War Assets corporation. Manager A. E. Becker is shown riding with Line Foreman Al Hendricks as the big machine levels off the pole yard near the railroad siding at Petersburg the first day the ex-GI outfit was put to work. Each member of the co-op line crew has learned to operate the tractor and bulldozer.

ton, and the Missouri basin committee (a co-ordinating Pick-Sloan group in the field) which will include state representation."

He acknowledges the need for control and development of water resources in the basin under a coordinated plan, but said: "There is no justification for establishment of an authority of the autocratic paternalistic type."

Rather, he said, what is needed is the preparation of a variety of plans from which the best plan would be adopted "with full consideration to conflicting interests and with detailed study of the economic justification of the various elements."

He said the Tennessee Valley Authority had proved "a distinct success" in the "noble experiment" phases of its organization such as processing of products in the region, and entering into various forms of industry and business.

Advocates of public power developments in the Missouri valley urge that the waters which annually flood thousands of acres doing countless millions of dollars in damage be harnessed to develop electric energy. Electricity generated by harnessing the Missouri river conceivably would be available to municipalities and REA cooperatives at low rates sim-

ilar to the program developed by the TVA along the Tennessee river and its tributaries, regardless of what agency might be in control of the project.

### Some Sweetenings Absorb Moisture

Housewives who use honey or brown sugar in summer cooking should consider the fact that both honey and brown sugar absorb moisture readily from the air. Icing, jelly, cookies, meringues and confections made with these sweetenings soon become soft and moist on standing in humid air, according to home economics authorities.

### More Women's Hose

Production of women's hosiery in May was at the highest level since the end of the war, with an estimated 58.7 million pairs. The increase was in both full-fashioned and seamless hose, and in nylon, rayon, and silk types. The greatest jump was in silk stockings. This type made its first appearance since the war in April with a production of 73,000 pairs and in May the output increased ninefold to 653,000 pairs.

Rusted nuts may be easily removed from farm machinery by applying heat, which expands and loosens the nut.

**A 5 IN 1 MACHINE**

**NEW GEHL FORAGE HARVESTER**

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## CO-OP LEADER ASSUMES ROLE OF ART PATRON AT JO DAVIESS COUNTY JAIL

By K. V. AMPERE

It isn't often that a distinguished REA cooperative leader finds himself mixed up with a jailbird or pays frequent visits to the county hoosecow to visit a fellow constrained to peer at society from between the bars of a cell, but that is what Everett Read, president of Jo-Carroll Electric cooperative, Elizabeth, has been doing for the past several months.

In addition to serving as president of this co-op and as vice president of the state association, Read has innumerable other jobs which include the chairmanship of the Jo Daviess county board of review, a direct result of the fact that he is chairman of the county board of supervisors.

During these hot days while others enjoy the summer season, Read and his two board of review colleagues sit in daily session in the old courthouse at Galena hearing appeals to tax evaluations and handling the routine tasks relating to the county's revenue raising statutes.

### New Visitor Arrives

In the routine of law enforcement around the court house, an artist with the pen was apprehended for forgery a few months past and after due process of law, was remanded to the lockup to ponder the seriousness of his rare and profitable penmanship.

Merle ("Mick") Sankey, 36, formerly of Marshalltown, Iowa, has repeatedly offended the privacy of his father's checking account by drawing unauthorized drafts. When he erred in this connection in Jo Daviess county, States Attorney Donald H. Eaton did the necessary and helped Mick off to jail for a spell. Eaton, also attorney for the REA co-op at Elizabeth, is not unaccustomed to association with those heading for a vacation behind bars and his dealings with Mick Sankey were speedy and efficient.

Not long after Mick was in the old four-story jail, however, he sent out a requisition for a bucket of paint, asking Jailer George Herman for permission to spruce the place up a little to "make it more cheerful so a fellow doesn't get so downhearted."

Herman took the request to the head of the board of supervisors and Everett Read said, why not? If the guy wants to paint a little, give him some paint.

But little did Read suspect that his newest guest would keep slapping a brush around until he had used up nearly 40 gallons of wall, cement and trim paint, and had transformed a dreary, oppressive jail house into such attractive quarters even the local paper observed that "eighteen attractive rooms" were available to those who found the housing shortage too great a problem.

### Goes Artistic

Sankey was not satisfied just to brighten up the corners where inmates reside; he manufactured small brushes from the bristles of a shoe dober and set to work doing artistic rug designs on the floors, transforming flat cement paint into deceptively accurate pat-

terns which give all the appearance of linoleum.

With such willing free labor at hand, Everett Read furnished all the requisite art supplies Sankey requisitioned for the outlet of his talents. With Read's contribution of camel's hair art brushes and tubes of oil paints, Sankey turned to the expression of the ironical and the sardonic. He did a special job on the cell reserved for intoxicants, those suffering from delerium tremens and others with hallucinations.

This cell, completely stripped of furnishings on which violent inmates might injure themselves, Sankey turned into a study of captivating scenes. A simulated window looks out on an inviting landscape where tall, verdant trees beckon one upward into the cool retreats of majestic mountains.

Another mural depicts a brownish-pink elephant encircled by a venomous green reptile, both so realistically reproduced as to give a drunken guest ample reason to take the no-liquor pledge.

Crowning touch to this room (cell, that is) is a painted ladder leading to a painted trapdoor in the ceiling. As the future inmate takes his bearings after recovering from the effects of "the night before" he will discover this inviting avenue of escape and he can spend his lonesome hours in futile climbing, thus keeping hope alive.

Read's interest in offering Sankey paint with which to divert himself has not been merely the response to a whim. In addition to the fact that Sankey holds a union card and is experienced in such work as interior decorating, he is also an artist of above average talent, having been at one time a student in the Chicago Institute of Fine Art and later a portrait and landscape painter with a ready market for his work.

"It was so unusual, and such a good chance to get the jail slicked up, there was just no turning him down. I've never seen anything like the job he's done," Read admits.

States Attorney Eaton is not so forbearing. "He's just working around to the suggestion that he be permitted to do a little of his painting on the OUTSIDE of the jail," Eaton surmises laconically. "Then watch him drop his paint brush and high-tail it over the hill!"

Whatever the true motive for Sankey's arduous labors in behalf of better living accommodations in the Jo Daviess county jail, he has transformed it into a model of cleanliness and cheery brightness and those who, unfortunately, must enjoy its hospitality in the future, will find their accommodations second to none as incarceration spots go.

More than 3 million of the nation's 5,950,000 farms now have electricity. More than 270,000 farms received electricity in 1945.

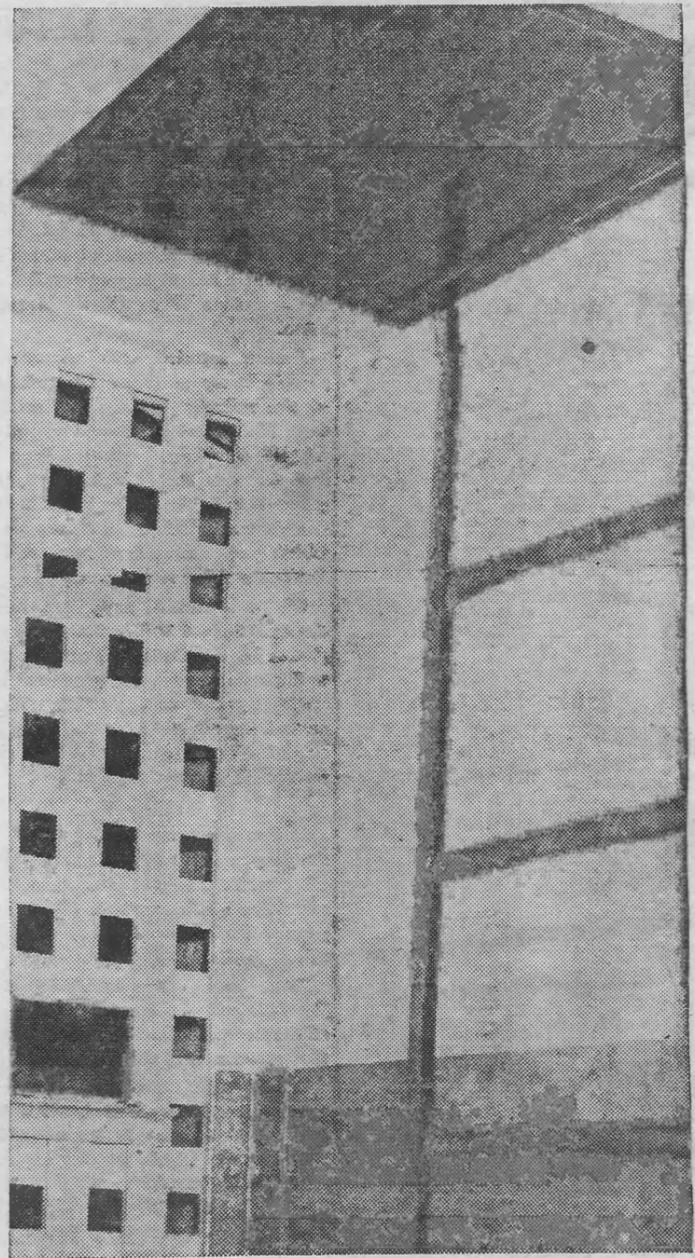
A card table laid unopened on the grass is a good foundation for dishes and food on a picnic.

## "If I Had The Wings Of An Angel"



**ABOVE: Incarcerated Artist Merle Sankey receives art supplies from Everett Read in the third floor "reception room" of the Jo Daviess county jail where Sankey currently resides while he turns his talents to exceptionally good use renovating the place complete with murals on the walls of cells and special artistic effects for the benefit and enjoyment of future inmates. Read, chairman of the county board of supervisors, is also president of Jo Carroll Electric cooperative, Elizabeth, and vice president of the state association of electric co-ops.**

**RIGHT: With art supplies furnished by Read, Sankey painted the cell reserved for inebriates in the Jo Daviess county jail with this simulated ladder and trapdoor which leads exactly nowhere, the fake ladder providing the inmate with an opportunity for continuous diversion and the trapdoor (painted on solid steel) a reminder that everything is not always as it appears to the eye. This cell also boasts a mural depicting a pink elephant entwined with a green snake and another with a broad vista of mountain peaks in the distance.**



George Herman, jailor, hands his artistic prisoner another can of paint and a camel's hair brush which will be used to transform a drab cell floor into one simulating the pattern of expensive linoleum.

## OPA ORDER EFFECTS—

(Continued from Page One)  
attempting to get producers to agree that they will notify buyers 20 days prior to delivery what price will ultimately be charged, and to allow buyers 10 days in which to cancel if quoted prices are too high. So far, the sellers are not willing to accept such a "cancellation clause."

Private utilities are willing to purchase all transformers manufactured

for use in urban expansion and "cream-skimming" in rural areas and many companies are building on a cost-plus basis with rate-payers footing the bills.

Cooperatives on limited funds borrowed through REA must, necessarily, be wary of excessive costs and every effort is being made by REA to get the cancellation clause put into effect to preclude obligating cooperatives for excessively high charges for desperately needed equipment.

## Fewer Irons

Fewer electric irons are on the market because of the difficulty manufacturers experience in obtaining electrical temperature controls and steel. May shipments declined 9 percent from that of April to 430,000 units.

Six billion pounds of milk go into the manufacture of ice cream each year. Ice cream plants also use 70 million pounds of fruit and 8 million pounds of nuts.