## **PULS SUCCEEDS PAYNE** AS REA CONSTRUCTION ENGINEER IN ILLINOIS

Better known by his own admission as "Sandy," Alexander E. Puls has been named REA field construction engineer of the Design and Construction Division to succeed Russell E. Payne who has been promoted to the position of assistant regional construction engineer at REA headquarters in

Puls will remain in the former St. Louis headquarters of the agency with offices in the Boatmen's Bank Building, until about February 1, after which time he will live in Collins-

A native of St. Louis, Puls is an engineering graduate of Washington University. During the eighteen months he has been with REA he worked in the Design and Construction Division offices of Regions Four and Five where he gained a thorough understanding of construction activities. He is especially familiar with conditions in Illinois which will now be his bailiwick.

Payne fiirst joined the REA staff in June of 1941. From September, 1942, to September, 1944, he served as an electrical engineer with the War Department.

A. Hoosier Engineer

Born in Rockville, Indiana, Payne graduated from Purdue University with the bachelor of science degree in electrical engineering and later studied law at the University of Indiana. He is a registered professional engineer in the Hossier State.

His interest in REA dates back to the time when he became a member of Parke County Rural Electric Membership Corporation in 1939, a membership he still retains. Having benefited by the REA program as a member of a cooperative, he has had the advantage of understanding the significance of electricity on the farm from a practical and economic standpoint. Mrs. Payne is also a native of Rockville.

For three years prior to 1940, Payne worked with a consulting engineer building REA projects. His "grass roots" background has proved helpful to him in working out REA construction problems and will serve him well in his new position in the Washington office.

A welcome and popular visitor to REA cooperative offices in Illinois, managers throughout the state responded to the official announcement of his promotion with mixed emotions, wishing him luck in his new job while expressing regret that he will not be a frequent caller in the

## Russell Gingles Pays Fleeting Visit To Old Illinois Haunts

In Chicago the first week of December to attend several sessions of the national 4-H. Club congress, Russell Gingles, former editor of the Illinois REA News, paid a brief visit to Menard Electric cooperative, Petersburg, enroute to his old home in Jacksonville where he transacted business before starting back to New York

"Makes me kinda homesick for good old Illinois and all the co-ops," Gingles commented as he drove through countryside intimately familiar to him from his two years of traveling the state visiting co-op projects in quest of news.

Gingles is currently manager of the Farm Electrification Bureau of the National Electrical Manufacturer's problems, including work on a con- Sadler Electric company of Nash-

## Work Interrupted For Lunch



MEETINGS THROUGHOUT THE STATE to discuss new REA work-order procedure and other technical and accounting problems to go into effect the first of the new year, were held in Jacksonville, Decatur and Mt. Vernon, this month. A typical scene is the one pictured above when the co-op personnel joined J. J. Mur-phy, assistant REA field auditor and other members of the REA field staffs, at lunch in Hotel Emmerson at Mt. Vernon. Seated around the table, from the left: Wm. F. Laufer, Marian Hartman, Dorothy Korando, Steelville; Emma Belle Sexton, Lois Hall and Lola Kelly, Mt. Vernon; Arleen Clarke and Helen Beam, Harrisburg, O. I. Cheney, and Kathleen Enlow, Fairfield; H. L. Faulkner, Mt. Vernon; Mr. and Mrs. R. S. Holt, Steelville; Roy L. Morris and Samuel J. Miller, Fairfield; A. H. Lentz, Harrisburg; Joseph Heiman, Breeze; C. W. Crawford and Elmo Cates, Flora; George W. Endicott and R. T . Reeves, Dongola; Thomas Clevonger, Harrisburg; Paul Vursell, Mt. Vernon; Ben A. Hughes (REA auditor) and Wendell Newton of Mt. Vernon. At the table in the back, Harry D. Clarke is at the extreme left, J. J. Murphy and H. G. Downey of Mt. Vernon facing the large table, and Everett Brown, REA field engineer barely shows at the right. Ed Collier, REA field engineer with operations division attended but was "missing in action" to hold a flashbulb reflector.

## High Costs of New Lines May **Hurt Program**

## Legislation Sought By **Contractors Would Force Bid Taking**

Sharply rising costs of rural electric line construction have compelled REA cooperatives to follow a policy of throwing out contract bids and negotiating with low bidders in some cases in an effort to reach a price which is not prohibitive.

Bids submitted by a majority of contractors dealing with REA cooperatives in Illinois have been greatly in excess of pre-war levels and in most instances, reflect a higher figure than can be justified by the increased cost of materials and labor during the war years.

So many contractors, have been out of reason in their prices for construction that many Illinois co-ops have elected to do all construction work, both in building new lines under recently received allotments, and in handling major extensions and reconversion lines where planned.

In rejecting all bids where prices (Turn to Page Sixteen)

## LINEMEN OVERCOME MUD TO STRING WIRE FOR POLIO VICTIMS

build over three-quarters of a mile of

line through clinging gumbo, and rain to bring the therapeutic benefits of electricity to two tiny victims of infantile paralysis in a farm home in Southeast Missouri.

Assisted by willing volunteers, the skilled linemen of the Scott-New Ma-A dramatic incident in the history drid-Mississippi Electric cooperative of REA rural electrification was writ- at Sikeston worked around-the-clock ten during the second week of De- hours to cross muddy cotton land in cember when the line crew of a co- two days to connect the farm of operative worked against time to Leslie Gaines in order that his two (Turn to Page Ten)

# Happy REA Year?

After four long years of bitter struggle against the forces of evil and destruction, America again faces a New Year in which our efforts can be dedicated to the pursuits of peace and the building of a better way of life.

Retarded while the nation was unified in its war against those who would have destroyed our freedom, the program of the Rural Electrification Administration is again moving forward, waiting only for a more settled peace-time economy to speed the job of bringing the limitless benefits of electricity to all who live in rural areas.

Dormant but watchful during Those distribution?) to the greedy hands of the utility interests.

Will 1946 be a happy REA

It behooves every member of an REA cooperative, and every farmer who hopes some day to be connected to an REA cooperative line, to take a firm stand against the selfish interests who would destroy what is rightfully his due-electrifica-

the war years, those who oppose the REA cooperative program have now come into the open in their determined effort to curtail, perhaps ultimately to destroy, all that has been accomplished by the REA during more than ten years of prodigious endeavor. who for fifty years had the opportunity to construct rural lines, but who declined to do so because they were motivated by a desire for profit, now have raised their voices in loud headquarters will be at the Statler lamentations over the success of the REA cooperatives and for room reservations, convention and condemn them as "unfair com- conference rooms, and space for expetition" and "socialistic threats hibits. The National office feels that to free enterprise" in a concerted attack designed to undermine the program and return all power generation, transmission (and who knows

year? Will those who have worked so hard for so long to bring central station electricity to its fitting climax—complete area coverage—be thwarted now by those who oppose further expansion of the cooperative rural electrification program?

(Turn to Page Sixteen)

## **Buffalo Selected** By National For **Annual Meeting**

The fourth annual convention of the National Rural Electric Cooperative Association will be held in Buffalo, N. Y., on March 4-5-6, 1946, according to announcement from the Washington offices. Official Hotel, where facilities are available this arrangement offers the ultimate in convenience to delegates and to shaping the convention program.

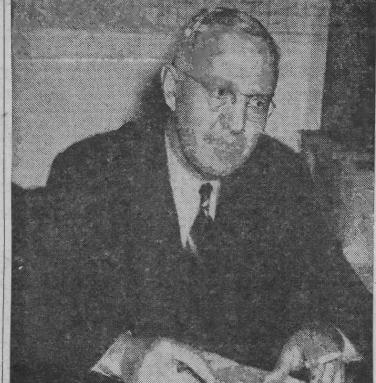
A three-day program is also a de-(Turn to Page Ten)

## Pie Eating To Bring New Village Lights!

In the tiny, unincorporated village of Bible Grove, 20 miles north of Flora, some thirty houses were recently connected to a newly energized section of the Clay County Electric cooperative lines.

Infused with the cooperative spirit, the residents of Bible Grove now are enthusiastically planning a series of pie suppers and community socials to raise money for the construction of street lights in the village.

When sufficient funds have been accumulated, the cooperative line crews will set the poles and install the fixtures to bring light to streets which have always been plunged into inky darkness with the coming of night.



**NEW MANAGER AT CLAY COUNTY CO-OP** 

Flora Project Brings Lights to Entire Village in Area

Since he took over his new duties north of Flora. as manager of Clay County Electric cooperative at Flora, Charles W. Crawford has had his hands full of of new line, and if approved by REA, tract for the construction of 125 miles

of new line and that of energizing 28 miles of new line to bring service to nearly 100 new members including the residents of Bible Grove, a village

A contract has been let by the Board of Directors for the 125 miles

(Turn to Page Ten)

# Editorial Page

Published Monthly for the Association Hinds Electric Cooperative by Wis-onsin Electric Cooperative of Madison,

A. D. MUELLER, Editor REVIEW COMMITTEE Rob't Schweickhart, Carlinville, Illinois A. E. Becker, Petersburg, Illinois Floyd I. Ruble, Elizabeth, Illinois

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#### WICKARD'S ANSWER ON THE GENERATION ISSUE

Perhaps it is because we have been unduly tolerant of this unprecedented contribution to the Christian characteristics of rural living and the ever attending problems which surround the constantly expanding program of serving American farms with electric power. Perhaps we have been unduly tolerant of human frailties. Perhaps we wrongfully seek only the processes of understanding. Regardless of our guilt in these presumptions, we have chosen to accept the present REA program until something a little more convincing than arrogant predictions come along to change our mental approach to the problems ahead.

No sooner had. Claude Wickard been appointed to the job of Administrator of the Rural Electrification Administration than certain people and publications started whet-ting the axe of bitterness, in quest of his scalp. There were others who had been slated for the job whom many favored for the appointment. But the ob went to Wickard—an Indiana farmer who has proven that he possesses the qualifications to decide issues to the welfare of REA.

A few days before his appointment was announced, in a press conference in St. Louis, Wickard met head-on every question that could be fired at him by reporters representing both the friendly and tion service at a reasonable unfriendly press. A few days after his acceptance of the of- able cost power we will not fice (July 2, 1945) Wickard have the full utilization of elecdeclined an invitation to adtricity to make farming efficient and profitable. Still worse, it association—until he had a few months to "get his feet on the ground" in his new job. During the weeks that followed we that I have made many timesread and heard charges of him 'selling out to the utilities."

months to "get his feet on the ery request for a loan for the ground" and on November representatives in Red River considered in light of the Dakota, he made his first address to an audience of REA of furnishing adequate service often controlled by a few per-co-op leaders since taking over at a reasonable cost? the job of Administrator. We believe that in the excerpts from his Grand Forks speech which follow, Mr. Wickard gives his answer to the question of cooperative generation and transmission and his answer to "selling out to the utilities":

'I regard as our greatest responsibility the taking of

Illinois RAA New The Spirit of The Pioneers



central service to unserved rural areas. However, I cannot overlook the absolute necessity of seeing that REA consumers receive adequate service at a reasonable cost. I believe I can truthfully say that it is worse to receive inadequate central station service than to receive no central station service at all. For example, I am a livestock farmer and I depend entirely upon REA electric service to provide water for my livestock. Nothbe more harmful to my farm enterprise than to have a long period without electric current or to have motors burn out because of low voltage. This is true because I have discarded water. I know also the great difficulty that dairymen are in when their milking machines or their milk coolers are not functioning because of inadequate service.

"It is only less critically necessary to have central stacost. If we do not have reasonmay not be feasible to take electricity to all the people in an area. I repeat the statement that it is impossible to have an American standard of living in Mr. Wickard used those few unelectrified rural homes. Evconstruction of generating and 7, at a meeting of cooperative transmission facilities must be Valley, at Grand Forks, North answer to this question: Is it necessary from the standpoint like amount to a corporation

"Another difficult but most important question is how much more would farm people have to pay for their power if they did not have the opportunity, afforded by the REA Act, to own their own generating and transmission facilities. Our figures show that there has been a large and very significant decrease in private utility rates in nearly every instance where there was a generating and transmission construction project authorized, or even contemplated.

"Farm people have always liked, whenever possible, to own their own equipment. Such ownership always offers a sense of security and provides a protection against contingencies which may be most ing that I can think of would seem to feel that farmers should should be reserved for some-body else. Now, the Federal all other means of pumping government, by one means or The right to embark freely in another, has extended loans to corporations so that they may undertake the furnishing of many services to our citizens.

> Just why some people think it is all right to make such loans to corporations but unwise to make them to cooperatives is more than I have been able to understand. They may have the idea that loans to cooperatives interfere with private enterprise. I submit the argument that the cooperative is an absolutely pure form of free and private enterprise.

Also it seems to me that it is a much better use of government funds to loan a million dollars to a cooperative composed of 5000 members to enable them to own and operate their own facilities, for their own benefit, than it is to loan a sons in a distant state when such loan is used for the sole purpose of making profits from the same 5000 individuals. I was astounded recently when I heard the manager of a testify before a committee in Commission. Congress to the effect that

own their own generating facilities. Apparently this man was advocating that farm people be deprived of the same opportunity that the city people have who are served by the municipally owned utility which he

manages.

'I have often heard-and you have heard—statements that farmers should limit themselves to tilling the soil; that there is something presumpdetrimental to their welfare, tious in farmers going into However, there are those who business even to serve themselves. I have recently heard not be given loans so that they power company officials talk may become owners of their about "our territory" in tones own electrical facilities—that that implied sovereign and exfor some reason this right clusive rights. That is dangerous philosophy in a country with our democratic traditions. new enterprises belongs to every American citizen and that freedom of opportunity has made America what it is. Farmers are hard-headed people, careful of every dollar; they have had to be. They are big business but they are the people's business.

'The statement is made by the opponents to REA generating and transmission cooperatives that such cooperatives that are now in existence are for the most part operating at a loss. They even intimate that the REA method of bookkeeping is misleading. In answer to that intimation I want to point out that after the system is energized the cooperative uses the standard system of accounting established by the Federal Power Commission. It is the same system which is required of all the private utilities which come under the jurmunicipally owned power plant isdiction of the Federal Power

"Now, to go back to the farmers should be deprived of statement that the REA genthe opportunity of getting government aid so that they could eratives are operating at a loss. Best quality cream.

by Ellis Let us examine the situation involving the nine REA central generating and transmission cooperatives which are in operation. According to our record five of these cooperatives have a combined surplus of \$199,000, and four of them have a combined deficit of \$322,000. Practically all of this deficit has come as a result of interruption in development caused by the war.

"There is one thing of which I am positive—one thing which I hope is realized by every REA consumer, every prospective REA consumer, and in addition, every rural consumer of private utility power—and that is that we, in REA, must never be deprived of the authority to finance cooperative generating and transmission lines for the benefit of rural people. If rural people lose this opportunity they will lose their most potent defense weapon against inadequate service and exhorbitant rates—a defense weapon against those who in the past have always charged for electricity all that traffic will bear."

To our way of thinking, Mr. Wickard has his "feet on the ground." If he held any thought that cooperative generation and transmission was not essential to the future welfare of REA cooperatives, he has learned differently during his six month's tenure of the Administrator's chair. Perhaps we are a little too cooperativelyminded. Perhaps we, too, should have expected him to plunge neck-deep into the wallow of jump decisions no later than last July 3rd—and thus contribute to the face-saving of those "I-told-you-so's."

And perhaps, after all, an agricultural publication editor is close enough to the people who count in this REA program to give just a little recognition to the word-"cooperation."

## 「高いないない

Better Take It Easy A sharp rise in the number of influenza cases in the nation, from 13,220 to 49,694 in a week-is reported by the United States Public Health Service, with above normal incidence in several states includnot likely to embark on unwise ing Illinois. From reports gainenterprises. But they have the ed in travelling around the same right as any citizens to state and visiting the several serve their own interests in cooperative offices, we see that keeping with our modern age. illness is likewise on the up-Cooperatives may have become grade in the ranks of the REA offices and among the mem-

> Under such circumstances, it is only common sense to wear adequate clothing, get plenty of rest and avoid crowds as far as possible. The flu hasn't reached epidemic proportions and apparently there is no cause for alarm at the prevalent mild form. Nevertheless, each individual should protect himself and his work by taking reasonable precautions.

> Heavy alternate grazing gave best results in a three-year pasture test at the Dixon Springs Experiment Station, Pope county, Illinois. The field which was grazed heavily and then rested on alternate months produced the largest animal gains per

Hand skimming does not give the

## Farmers Mutual To **Hold Annual Meet**

TO OUR MEMBERS: We take great pleasure in extending to you, your family, and friends, a cordial invitation to attend our Eighth Annual Meeting, which is to be held at the City Building in Geneseo, Illinois, at 1:30 P. M. on Monday, January 28, 1946, to take action upon the following matters:

1. To hear and act upon the reports of officers and directors.

2. For the election of three directors for the ensuing three years.

3. All other business that may come before said meeting or any adjournment or adjournments thereof.

The day of the Annual Meeting is the most important day of the

## IMPORTANT

Please execute the proxy forms which you have received and return to the cooperative office immediately, if you have not already done so.

year to both you and your Cooperative. It is the day when you may learn just how your Cooperative is progressing, when you can meet your Board of Directors, and employees; you can ask questions; obtain any and all information you desire; all figures and facts will be available, and complete reports will be made, reviewed and discussed.

It is important you plan to attend the meeting YOURSELF because it is absolutely necessary there be enough members present at the Annual Meeting to make a quorum. Otherwise, the election of officers cannot be held. Failure to have a quorum would make it necessary to adjourn the meeting which will only add extra expense to your Cooperative.

Please plan to be on hand at your Annual Meeting, January 28th, at 1:30 P. M. Your board of directors and all of us here at "your cooperative" wish you and your loved ones "A Joyous Christmas" . . . and may the new year hold for you the promise of a pleasant road ahead.

## RIGHT OF CO-OPS TO SEEK LOW BUILDING COSTS IS DEFENDED

Protests by the electrical construction contractors over the power of REA to reject bids has been given nation-wide publicity, much of it inferentially or directly critical of the REA cooperative policy of seeking to have lines erected at the least possible

In an editorial December 11, the St. Louis Post-Dispatch clearly and concisely stated the case in the following words:

"It is not surprising that electrical construction contractors oppose the power of REA borrowers to reject all bids and then contract with the lowest bidder at a negotiated price less than his bid. No trade association we ever heard of was eager for any device that would lower prices in its industry. It is for that very reason, of course, that Congress should refuse to withdraw or reduce the negotiation

"Reserving the power to reject all bids is common practice in contractletting. When no bid is reasonable, the power to contract by negotiation should be common practice. We can see no reasonable objection in principle so long as negotiations are rigidly confined to the lowest bidder who meets the specifications.

"It is specially important that this alternative be preserved at the present time, because costs are rising and there is a general propensity to bid high. Fairly close bargaining is necessary for electric cooperatives at any time. The only hope of making farm electrification reach far and wide lines in reasonable costs, and in this field, of course, carrying charges on capital are a very large part of total costs.

## **NEWS FROM Clinton County**

Breese, Ill. JOSEPH HEIMANN, Supt.

#### HONOR ROLL

Commercial

Herman Graham, 4455; Nick Babare, 2764; Gulf Refining Company, 2185; C. F. Frazier, 1576; J. J. Lynn, 304.

#### Non-Farm

E. W. Striebinger, 867; A. J. Marcham, 380; Rev. Elmer Holtgrave, 329.

Ed. Merrill, 1538; Clarence Dickhaut, 867; Jos. H. Heimann, 850; Vincent P. Schaeter, 850; Harvey Klingelhoefer, 765; Joseph F. Ratermann, 619; Paul J. Huels, 572; Harvey Harpstrite, 550; Emma Schumacher, 546; Alvis B. Loepker, 541; Albert Leicht, 541; Oliver J. Schroeder, 529; Louis Heimann, 520; Henry Kalmer, 512; Wm. Ranz, Jr., 500; Vincent Albers, 491; Alfred L. Stein, 437; Hy. Bergman, 426; Adam Nettles, 421; Mrs. John B. Batermann, 417; Frank Heinzmann, 416; Ed Carson, 409; Arthur O. Riess, 409; Edmund Riess, 405; Geo. J. Ratermann, 402; Frank Hansemann, 394; Ben Bruns, 393; Bernard Gebke, 393; Meyer, son of Mr. and Mrs. Ben M.

Wm. Murphy, 390; Lewis Wiedle, 388: Fred C. Fruend, 383; Joseph Meyer, 380; Edward Hugo, 372; Henry Molitor, 370; August C. Timmermann, 364; Charles R. Good, 360; Mont Criley, 353; August Buehne, 351; Anthony Rakers, 351; Ben Rensing, 349; Harry Huelskoetter, 346; Myrtle Dierkes, 341; Ray Roper, 334; Wilmer Schlichter, 333; Alphonse Varel, 330; Fred Thoms, 329; Fred Newberry, 325; Ben M. Meyer, 322; Henry Ahlf, 320; Talmadge Outhouse, 320; Henry Korte, 320; August Jansen 313; Orville Rinderer, 313; Carrie Felton, 310; Alphonse Hustedde, 309; Alphonse Olliges, 307; Walter Hester, 306; H. H. Kampwerth, 301; Robert Hayden, 300; Paul H. Renschen, 300.

Miss Blance Dierkes, daughter of Mr. and Mrs. John Dierkes, and Captain Arvell N. Mahlandt, son of Mrs. Anna Mahlandt, were united in marriage on Wednesday, November 28th, by Rev. Father Elmer Holtgrave, Marydale. The groom has been over seas for the past forty months. He is home on terminal leave and expects to be released from service soon. Congratulations and Best Wishes! The Dierkes' and Mahlandt's are REA members.

Miss Mary Margaret Lampen was united in marriage with August F.

Meyer, in St. Mary's Church, Caryle on November 29th. The groom has been recently discharged from the Army Air Forces after serving two years in England. Congratulations and Best Wishes! The groom's parents are REA members.

Miss Mary Pingsterhaus became the bride of Bernard W. Spihlmann on November 14th. The groom was recently discharged from the Army in which he served for three years and eight months, two years of which he spent in the Mediterranean Theatre. Congratulations and Best

Paul C. Molitor of Germantown and Josephine E. Kuhl of Aviston were united in marriage Thursday, November 29th, in St. Frances' Church, Aviston, by Rev. Urban Kuhl, brother of the bride, Congratulations and Best Wishes!

Anton Schwierjohn died November 18, 1945, at 12:45 a. m. at his home near Germantown, Illinois. Ten children and his wife survive. Deepest sympathy is extended to the family.

Mrs. Virginia Becker, wife of Ernest Becker, passed away very suddenly on Tuesday, November 27th, at 1:00 o'clock. P.M. at the St. Joseph's Hospital. Funeral Services were held on Saturday, December 1st, at 9:00 from St. Dominic's Church, Breese, Illinois. The pallbearers were members of the Board of Directors of this

Cooperative. Mr. Becker has been employed as Lineman for this co-op since 1941. Deepest sympathy is extended to Mr. Becker.

Mrs. Eulah Marie Marcham, age 47 years, wife of Arnold J. Marcham, died Monday, December 3rd, in St. Mary's Hospital in Decatur, Illinois, having been a patient there for three weeks. The funeral was held at 9:00 o'clock Friday at St. Mary's Church, Carlyle. Her husband and three daughters survive. Deepest sympathy is extended. The Marchams have been REA users since the erection of a lovely new home South of Carlyle several years ago.

#### REA Arrivals

Baby boy to Mr. and Mrs. Bernard Schuette, St. Rose-November 15th.

Baby boy to Mr. and Mrs. Bernard Becker, Bartelso-November 13th.

Baby girl to Mr. and Mrs. Hy. Eversgerd, Germantown-November

Baby girl to Mr. and Mrs. Robert W. Holtgrave, Breese-November 13th. Mr. Holtgrave is the Secretary-Treasurer of the Board of Trustees of this Co-op.

Farm wages in Illinois have almost doubled since the start of the war. In 1940, average wages paid ranged from \$2.10 per day without board to \$29.75 per month with board.



Alcoa can take care of your power conductor requirements for rural and hi-lines. Joints and other accessories for this construction are likewise available.

Aluminum Cable Steel Reinforced has the

high strength and dependability required in modern line construction. Alcoa engineers will help you select conductors having suitable characteristics. Write Aluminum Company of AMERICA, 1876 Gulf Bldg., Pittsburgh 19, Pa.

## **NEWS FROM** McDonough Power Macomb, III.

RAY GRIGSBY, Supt.

Operating Report

		\$9912.83
Members	billed	1912
Average !	bill	5.19
Average	KW us	ed97
Income p	er mile	14.17
Density p	er mile	2.71

#### Section D-1

In some of our other issues we have been discussing the status of our Section D-1 build. Bids have been opened on the 7th of November but were all rejected and new bids ordered for December 17th so those bids will again be taken. At the present time of writing this article we are, of course, not in a position to tell you whether any of them will be accepted or whether they will again be rejected. The unsettled condition of materials and labor seem to be contribtuing largely to the detail in getting construction contracts let and construction started, so it looks very much that it will be well into 1946 before very much can be done. However, we believe that all of our members and all our applicants for service will understand the situation and will be patient while they are awaiting for service. We can assure that everything possible is being done to expedite

#### Annual Meeting

The annual meeting of the Cooperative will be held this year on the first Monday in February which is the 4th, and we hope you will begin to make plans to attend this meeting. We are arranging a good program of entertainment and we believe we will have a good speaker. The operating reports for the past year will be given to you at that time and we hope you will all make your plants to attend. We believe that in the past you have enjoyed these meetings and it is the one contact that you have throughout the year with the officers and the management. As an entire board is to be selected, we trust that you will exercise the right and privilege, which is yours, of casting your vote. Don't fail to keep the date in mind, Monday, February 4, 1946, the time and place will be announced at a later date.

## Demonstration

Your manager, together with several other managers in this vicinity, attended a demonstration of what seemed to us to be a combination of radio and telephone but which the manager at Macon, Missouri was able to sit in his office and communicate with any of his line trucks out on the system, and they in turn through the medium of telephone and radio could communicate back to the office. Something of this sort is very much needed on all of the system in order to shorten the length of outages in getting the men on trouble calls more quickly, and something of this sort is no doubt on its way. Mr. Adams, the manager of that Cooperative, was the inventor of this system and he surely has something. We are going to watch it very closely to see if that one or something similar can be coordinated into our system here . . . Don't forget the Annual Meeting February, 4. 1946.

## Safety

On our October issue of the News we wrote an article stressing the importance of being very careful in the handling of corn pickers and corn elevators. While we have no deaths These meter cards are sent merely to report in our system, we are very sorry to say that we did have two or three accidents resulting in the loss of fingers and hands, and some near fatalities. So agin let us emphasize that we can not be too careful in the handling of fast moving machinery. It is far better to be safe than sorry.

## Tree Trimming

cayed or dangerous trees on their PAY THE 25c PENALTY which is hours. premises along our lines which should be taken down if they will just drop us a card so we may get them on our list, we will try and remove them during the winter months. That type of work can very well be done in the winter and we are very anxious to get them removed if they are in bad shape. So won't you just drop us a card telling us what you have and we will do the rest.

#### Last Minute Flash

Mr. Elzie R. Bown, mental wizard expert of Springfield, will be with us at the Annual Meeting. It has been the privilege of the writer of this column to witness one of Mr. Bown's demonstrations and we know that you are going to miss something if you fail to be here on February 4th at our annual meeting.

## **NEWS FROM** Jo-Carroll Elizabeth, III.

FLOYD RUBLE, Mgr.

We received the following letter from Mr. and Mrs. Roy Hinebaugh, of Mt. Carroll, Illinois, and we think it is an exceptionally good greeting Bourquin, Apple River, III., 309. to our new members. The letter fol-

Mt. Carroll, III. December 10, 1945

Dear Sir:

We read the REA News regularly and enjoy it. Always pleased to see names of new subscribers for we know how much it means to them to have the electricity denied them for so many years.

Greetings for the holiday season,

Sincerely, Mr. and Mrs. Roy Hinebaugh.

With the above letter acting as our welcome handshake, let us introduce our new members:

George Albrecht, Massbach; Wm. Randecker, Massbach; Clarence J. Haas, Massbach; Adam Walter, Massbach; Donald Dewey, Mt. Carroll; Rudolph Albrecht, Massbach; | Vinegar Hill School, Mt. Carroll; Arthur M. Read, Elizabeth; Fred Boelkens, Chadwick; Ray Isenhart, Jr., Chadwick; Elmer Haas, Massbach; Mark L. Tilton, Chadwick; Gail Frederick, Savanna; Ore Mc-Coy, Savanna; Ray L. Beyers, Elizabeth; John Reusch, Galena; Chas. Gordon, Chadwick; W. F. Miller, Chadwick, Harlem Morden, Tenant; Russell Tallman, Lanark, Anton Dean, Tenant; Earl Guentner, Lanark.

## **Operating Statistics**

KWH Purchased	108,720
KWH Sold	.79,399
Connected Consumers	786
Miles Energized	393
Density per mile	2
Months of Operation	65
Total number billed	767
Average Bill	\$5.58

## Honor Roll for December

The first 25 meter cards to come in this month were from: Homer ay, E. L. Dauphin, Henry G. Dittmar, Ross Potter, Howard Emery, C. R. Colehouh, Lawrence Getz, pump but the information came in talk "Cooperation." The music was take some time to cover the complete Pleasant Hill School, F. E. Yates, Mississippi Palisades State Park, has been made happier by the addi- by the Glen Law Orchestra of Sa- is now under way. Mary Gifford, Oscar Groezinger, F. tion of these items. H. Engelking, James Feese, Edgar Deininger, Bernard Berlage, Orville Boldt, Wm. J. Costello, Mrs. Harold Willis, Clarence Bohnhoff, Philip Townsend, Herman Ege, Nolah Parrott, Alfred Altfillisch and George Backenkeller.

A word about meter cards too. as a convenience to you, and if at any time you do not receive one at the proper time, which is ordinarily on or before the 20th of the month, just send your meter reading on a plain government postcard or in a

assessed for non-return of meter cards. Why not try to get your name on the Honor Roll next month?

#### High KWH Users

Our heaviest farm users for the month were: Neal V. Dauphin, Savanna, Ill., 922; Kenneth Schneider, Mt. Carroll, Ill., 649; LaVerle Groezinger, Elizabeth, Ill., 638; Ben H. Eden, Stockton, Ill., 622; Donald Mackay, Mt. Carroll, Ill., 552; Lester Dittmar, Stockton, Ill., 546; L. C. Hesselbacher, Scales Mound, Ill., 532; Emmett Petitgout, East Dubuque, III., 496; Lawrence Meyer, Elizabeth, III., 483; John Rogers, Hanover, III., 476; Harold W. Reusch, Elizabeth, III., 444; Birkbeck Bros., Galena, Ill., 441; Roscoe Boettner, Scales Mound, Ill., 405; Walter Schlichting, Apple River, Ill., 403; Sophie Eden, Stockton, Ill., 395; Louis Haug, Elizabeth, Ill., 392; Zella C. Corbett, Mt. Carroll, Ill., 370; Elmer C. Fink, Chadwick, Ill., 359; Art and Roy Schlichting, Apple River, III., 354; Henry Miller, Apple River, 356; C. W. Paschal, Lanark, Ill., 325: Wm. Scheele, Scales Mound, Ill., 315; Art Groezinger, Massbach, Ill., 311; Louis W. Sikkema, Savanna, Ill., 314; Ben Rosenbery, Chadwick, Ill., 313; Ralph Groezinger, Elizabeth, 313; A. L.

#### First Paid Bills

The first 25 members to pay their December 1st billing were: Bernard Berlage, Ralph Groezinger, Clem Schreck, Gotthilf Haas, Elmer Plosch, John Cook, Gus Berlage, LeRoy Schubert, Wm. Kilpatrick, Russell Wills, Clifford Bahr, Earl Ginn, George Albrecht, L. Art Winter, Erwin Spoerl, Glen Gill, Henry G. Dittmar, John Schaible, Helmer Dittmar, Amos B. Reed, Arthur Busch, George Gaffner, R. E. Boyd, Fred Engelking and Lee Bucher.

## New Appliances

John Cook, a refrigerator.

J. Alfred Zemke, an arc welder. Wm. Peters, an iron, chicken fountain and electric pump.

Everett C. Beebe, Electric fence, food mixer and drill.

Adolph Ostendorf, Electric pump, radio, hot plate, popcorn popper, and washing machine.

Erwin Spoerl, a home freezer. Harlan Reusch, forced heat system

on furnace using a 1/4 H.P. motor. Ralph Hesselbacher, Milking machine, water heater.

Orville Boldt, refrigerator.

Wallace Moore, water heater. Joe Reusch, 3 H.P. motor on ele-

Richie B. Williamson, 1/2 H.P. motor, pump jack.

Fred Katzenberger, deep well Francis Speaker, pump jack, solder-

ing iron, radio and two ¼ H.P. motors.

Leo Stricker, washing radio and pump jack.

A. F. Bonjour, electric fan and heater.

Earl R. Holy, vacuum cleaner.

## Outage Report

During the month of November there were eight outages as compared with nine during October. Three of these outages were remedied when the cut-out was refused. The circuit spirit of this glad and joyous season, breakers on two different leads locked out causing two of the outages, operative join in sending you every one caused by overload on the line The other three outages were of very short duration caused when the sub-station was killed to set up taps to increase voltage on the line and when a tree had to be taken off the letter or any way so that we receive line. In addition to setting up the it on or before the 27th of the month. taps at the sub-station we have instal-It is not absolutely necessary to use led a voltage regulator near Fair-Our cutting and trimming crew are the meter card we send you, but it is haven which will tend to raise the still at work and we would like to necessary that we receive your meter voltage on that end of the line where offer this suggestion to the members reading on or before the 27th of the there has been a tendency toward KNOW YOUR COOPERATIVE! for much happiness and success.

on our line that if they have any de- month unless you actually LIKE TO low voltage during the peak load

Letters From Our Readers Savanna, Illinois November 24, 1945

Dear Mr. Ruble:

I just thought I would write and tell you how much we appreciate the electric lights. They sure are wonderful after having those old kerosene lights.

If you would have seen how happy Gail was when he saw we were hooked up, that would have been thanks enough for you I am sure. I haven't seen him so happy for ages. And of course I was very, very happy myself.

So I wrote this letter, Mr. Rouble to thank you for being so obliging. We will always be grateful to you for everything you have done.

Sincerely yours, Mr. and Mrs. Gail Frederick.

Adolph Ostendorf, of Hanover, Illinois, writes, "We like electricity very much, and wouldn't like to do without it."

John Cook, of Elizabeth, Illinois, tells us he reads the Jo-Carroll News and enjoys it very much, as well as other features in the Illinois REA

#### Notes On Annual Meeting

The Annual Meeting of members of the Jo-Carroll Electric Cooperative, Inc., was held at Savanna, Illinois, at the Lincoln School gymnasium on Thursday, November 15th, 1945. Because it was such a beautiful day and much of the corn harvesting was being done, the attendance was not as great as it had been in previous years. There were, however, over 100 members present in person and 97 by proxy. Our goal for next year's Annual Meeting is personal attendance of 300 or over, think you can help us reach that goal?

The election of nine directors of the Cooperative was held, the following named persons being elected for the coming year.

Harry J. Stanger, Hanover, Ill. E. L. Dauphin, Savanna, Ill. Morris W. Birkbeck, Galena, Ill. Berniece Moore, Hanover, Ill. Roy Schlichting. Apple River, Ill. Boyd Handel, Chadwick, Ill. Everett R. Read, Elizabeth, Ill. Henry G. Dittmar, Elizabeth, Ill. Carl Maring, Chadwick, Ill.

Mr. Roy Schlichting and Mr. Boyd Handel are new directors who are replacing Frank Bonjour and Henry Geldmacher who asked that they not be considered as candidates for reelection.

One of the most important subjects to be brought before the meeting was the plan of advertising for bids for the construction of 100 miles of new line. There is a great deal of preparatory work that has to be done however, before bids are let and a contractor is hired, but it is hoped that this construction can be started by late spring or early summer.

The principal speaker at the meet-Some one also has an electric ing was Dr. Calvin Schnucker of the ing and the line—think nothing of it! cream separator, and someone else University of Dubuque, Dubuque, We now have a representative check-

Now, the message of "Peace on Earth and Good Will Toward Men" can ring again over all the Earth. It is CHRISTMAS again, and in the all of us at Jo-Carroll Electric Cogood wish for a Merry Christmas and and the other caused by a squirrel, a New Year filled with peace and happiness.

"Everywhere, everywhere, Christmas tonight!

For the Christ-child who comes is the Master of all, No Palace too great, no cottage too

small." From a poem by Phillips Brooks.

## **NEWS FROM** Illinois Valley Princeton, III. JOHN H. WOLFE, Mgr.

Project Statistics Total Billed Members .. Revenue per Mile . 14.27 Revenue per Members .. Average KWH Consumption \_\_\_\_118 Number of minimum bills ... Members connected in November 43

Members disconnected in November Miles energized Members per mile

This will be the first issue of the Illinois REA News in which we have a chance to thank the editor for the nice welcome given to the members of this Cooperative in the last issue. We feel that our members are going to appreciate and look forward to each issue of this informative publication. The office force and manager are going to make every effort to work up a nice message for them with all the local news possible. So, we invite your comments! If you have news that would be of interest to a large group of members, we will be glad to have it before the 5th of each month and will use it if at all possible. We especially invite news regarding returning service men and will be glad to give a nice write-up for a member of the family of any member who has been in the service and has returned to civilian life.

#### Please Mail Meter Reading!

In the month of November, the biller and assistant biller estimated bills of 115 members who either forgot or did not take the time to read their meters and mail the meter reading card. It is impossible for us to have a true report unless we have a true record of consumption. Remember that we must have a billing in our books by the last day of the month, so please make a special effort to read your meter on the 20th and mail the card immediately. Your cooperation is always appreciated.

## Trouble Located on D 8 Line

Those of our members receiving service from the D8 line will be relieved and glad to know that the trouble has been located which has caused numerous outages on that system within the last few weeks. On December 2, the line went out of service and our men found two pin insulators cracked and broken by shot. Of course, when the weather was dry. there was no trouble, but as soon as the weather became damp or wet, the line went out of service. Evidently some one did not have too much luck in hunting and decided to take a shot at the insulators. This is very destructive as well as disgusting to both our maintenance men and the members. We hope that there will be no further excuse for disturbances along that line in the future.

## Personal News

If you members see a man in a panel truck drive into your place, look at the meter, look over the wirhas an iron, toaster, radio and electric Iowa, who chose as the subject of his ing lines, meters and services. It will unsigned so we can't tell you who furnished this year, as in past years, project, but the W system checking

The assistant biller, Irene Simon, is enjoying a week's vacation from the office this week. She'll have no excuse now for not getting her Christmas shopping done in good time!

The 24 employees of the Cooperative and families will hold their annual Christmas party, December 12, at Newbury's Elm Crest. The evening will be spent in organized entertainment, exchange of gifts and refreshments. This event is one that is happily anticipated each year, and you can depend upon the fact that a good time will be had by all.

Congratulations to three of our members-Mr. and Mrs. Russell Stroud, Mr. and Mrs. Emil Olson and Mr. and Mrs. Clayton Guither. They all have had recent new arrivals in the family and have our best wishes

## **NEWS FROM** Wayne-White Fairfield, III. 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, McLeans-

#### Manager

Mr. Owen J. Chaney, Rinard, Il-

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, 6. 1, Norman Davis, 18F21, or Bill Fleming 11F23, all of Fairfield.

First 20 Meter Cards To Come In D. T. Bunting, Fairfield; Harold port. Riggs, Golden Gate; Walter Wilson, Wayne City; Maurice Mills, Sims, MI.; Sam Livingston, No. 2, Bluford; Marvin Roberts, Route No. 1, Clay City: J. C. Henson, Norris City: Dora Johnson, Macedonia: Clifford A. Scott, Albion; Carl E. Pampe, Parkersburg; Roy Ibbotson, West Salem; John Orr, Mt. Erie; Hershel Fitch, Cisne; John Spence, Geff; Delbert Strange, Rinard; Ray Kohler, Grayville; Lawrence Ramsey, Enfield; August Stocke, Carmi: Walter Melvin, Springerton; Ralph Metcalf, Mill Shoals.

25 Highest Farm Users

Ben Nation, Fairfield, 830; H. W. Smith, Star Route, McLeansboro, 741; J. E. Dennis, Crossville, 677; James Bford, Calvin, 596; Ed. Mc-Rill, Wayne City, 520; Amzie Buttler. Albion, 516; Harry Lasaster, Barnhill, 505; John Spence, Geff, 483; Ulla Givens, Carmi, 393; Oral Brown, Fairfield, 369: Thomas Bunnage, Ellery, 365; D. D. Burton, Cisne, 358; Wallace Simpson, Fairfield, 330; W. F. Ackerman, Carmi, 319; Ira James, McLeansboro, 296; Mrs. Enda Nash, Albion, 293; Cloyd Stewart, Springerton, 292; G. P. Calvin, Calvin, Illinois, 292; H. G. French, Mill Shoals, 292; Luke Fyle, Springerton, 286; Loren Ackerman, Crossville, 281; Mrs. Beulah Evans, Crossville, 281; Fred Noah, Albion, 278; Odes Baylay, Norris City, 274; Peter Westergard, Maunie, 268; Tom Potter, Calvin, 260.

Welcome New Members

Ledger and Edna May, Fairfield. Herman and Ella Brooks, Noble. John and Julia James, Maunie. Cal and Ethel Blankenship, Mc-

Leansboro.

Wm. and Edith Dye, Fairfield. W. Ezra and Ruth Fry, Fairfield. Willard Wiley & Mary Ann Wiley, Fairfield.

Walter L. and Louise Melvin, Springerton.

Everett and Ruth Sturm, Crossville. Boyleston School Dist., 118, Fairfield.

Edger and Emma Simpson, Barnhill. Glen Thomason and Noma Thomeson. Sims.

Harvey Taylor, Fairfield.

John A. Goud and Pearl A. Goud, McLeansboro.

Hayward Gifford and Bessie Gifford, Mill Shoals.

Charley Kingery and Dellia Kingery, Emma.

Chester R. Fiscus and Mrs. Chester

Fiscus, Crossville. Bayless and Birdie Fears, Fairfield.

Harvard School Dist. No. 72, Geff. Nelson Kendrcik and Evelyn Kendrick, Ellery.

Martin and Violet L. Barbre, Carmi, R. 2.

J. W. and Mary E. Reed, Fairfield. Cisne.

Claud and Alma M. Watson, Fairfield.

Henry Harre and Pearl Harre, Mc-Leansboro. Jack and June Rodgers, R. 3, West

Salem. Mary and Oliver Bailey, Wayne

O. E. and Katie Brock, Fairfield.

W. E. and Mamie Slover, Xenia. Blanche and Willard Buchanan, Wayne City.

Burl Henson, Geff.

Irl R. and Bernadine Auvil, Cisne. John R. and Wadlin Aydt, Dhal-

S. Lynn Blood and Elsie Blood West Salem.

Tom and Maggie Goodwin, Fair-

Nicholson, Edgar, Springerton. John F. Payne and Gladys Payne,

George and Dicy Miller, Noble. R. T. Dennis and Anna M. Dennis, Calvin.

Clifton and Juanita McIntosh, Springerton.

O. G. and Sillie Durst, Mill Shoals. C. H. Robison and Stella Robison, Barnhill.

Philip and Gertrude Graf, Bridge-

Ballard and Cordie Fenton, Sims. Maurice E. and Violet Clark, Mc-

Alva Walker and Dorothy Walker, Fairfield.

South Lily School, Keenes. Charles Baker, Sims.

Bessie Peer, Wayne City. Clyde Vandaveer and Mamie Van-

daveer, Mt. Erie. Everett and Hazel Daughenbaugh,

Rinard. Wm. and Bertha Gray, Burnt

Prairie. Charles and Edith Winkleman, Crossville.

Carter School, Fairfield.

Charley and Liza McKinney, Keenes.

Loren and Fern Garrett, West Robert and Mary J. Headley, West

Herman and Lula Simpson, Mill Shoals.

C. and Ada Ile, Albion.

Lynn E. and Glenna C. Morris, Fairfield.

Robert and Blanche Wilson, Keenes.

S. L. Moore, McLeansboro.

Walter I. Taylor and Maude B. Taylor, Mill Shoals. Ed. Miller and Ethel Miller, Rin-

Dan P. Campbell and Frieda H. Campbell, Evansville, Ind.

Perry and Nellie Shannon, Mt.

Ehramm and Velma Thomas, En-Walter and Velma Duncan, Box

126. Crossville. Richard and Flossie Hooper, Fair-

field. Frank Bell and Josephine Bell, Fair-

Carl Shelton, Fairfield. Chelsea and Jeannetta Sheraden, Mt. Prairie.

Fred and Carrie Morris, McLeans-

Herschel Upton and Ruby Upton, Mill Shoals.

James Gifford, Mill Shoals.

For some unknown reason the Coop. message to our consumers failed to get to the printer in time to petition. be published in the November issue of the REA News.

We, therefore take this belated opportunity to inform you that your Cooperative has passed another birthday. November 16th marked the beginning of the ninth year of successful operation.

The Cooperative put it's first 175 miles of line into operation in Wavne and White Counties on November 16, 1937. The first line served only approximately 950 consumers. In 817A variety which won this high Farm Members billed ... eight years the system has grown to 1020 miles of distribution line serv-Elmer Grove and Ollie Grove, ing 4480 consumers. Since our first bers of this Cooperative and if you Public Bidgs. line was energized vast strides have should be around the home of any of 3 phase power ...

J. M. and Alice Kilpatrick, Carmi, been made in the application of elec- them you will find about all kinds of tric power to farming operations.

During the war years farmers along our lines have put electricity to work at a great variety of farm tasks, reducing labor requirements and adding to farm profits. Electric water pumps to provide water for live stock and poultry as well as for household use. milking machines, chick brooders, feed grinders, milk coolers and varlous other appliances have definitely proved their worth on many of the farms our Cooperative serves.

We anticipate a great demand for water pumps, bathroom installations, refrigerators, electric stoves, as well as radios, washers, vacuum cleaners and other small appliances. It will probably be some time before manufacturers can turn out enough electrical equipment to meet pent-up demand on electrified farms throughout the country. However, your Cooperative will do everything possible to not being able to have electricity to help it's members get the equipment they need, through established dealers in their territory, as fast as they appear on the market.

Your Cooperative has been allotted loans of \$1,340,000.00 by the Rural Electrification Administration to finance it's lines and other facilities. It has drawn advances of \$1,003,007.43, leaving a balance of \$336,992.57 of allotted loan funds to finance construction under-way. It has met all it's obligations in making contracted interest and principal payments when due and in addition has paid on principal in advance of due dates, a substantial sum as a cushion of credit, in preparation for larger loan amortization and have created a very satisfactory reserve in Government War Bonds in preparation for future maintenance requirements.

We wish to take this opportunity to thank all of our consumers who have in any way helped to make the Cooperative successful and to wish all of you a happy and prosperous

## NEWS FROM Southeastern Harrisburg, III.

A. F. LENTZ, Supt.

Well, folks, it looks like winter is really here this time, and, as usual, it has caught us with blood thin, and we get the shakes and shivers every time we venture outside today. We note also that our farmers took advantage of the nice weather to get their corn out of the field and most of them are all through and have their corn in the dry and very fine yields are reported. And speaking of good yields of corn, we wish to correct a misconception of this section of our fine state by some of our neighbors living up in the so-called "corn belt" of Illinois by quoting from the December 10 issue of the Harrisburg Daily Registers

"A crop of 109.48 bushels per acre DeKalb Corn Growing contest, it was learned this week.

Kenneth Berry of Harrisburg is the corn grower who has made this outstanding yield in this locality in competition in which thousands of farmers from 19 principal corn producing able. states participated, according to officials of this biggest corn yield com-

Other big yields were recorded: Virgil Levellete, Harrisburg, Illinois, yield 97.38 bushels of 922 var-

Eugene Lamkin, Harrisburg, Illinois, yield 95.53 bushels of 923 var-

nois, yield 92.90 bushels of 022 var-

yield 69.24 bushels of 816 variety. Mr. Kenneth Berry planted the yield.

The above named men are all mem- Commercial members billed

modern machinery, including all kinds of electrical equipment for both farm and home. Mr. Kenneth Berry, winner of the trophy with above 109 bushels of corn has always been one of our top user of electrical current. His service was first hooked up January 24, 1940 and his average usage for 1945 has been 495 kilowatta costing him an average of \$12.02 per month or an average cost per kilowatt of \$.0242 per kilowatt. So if the balance of our members would increase their kilowatt usage they too would get into the lower block of our

Your Cooperative, like all other Co-ops, is having difficulty in getting transformers from the factories and in fact we have not received any transformers since early part of September. so it is going to be very disappointing to a great number of our folk in light the home and those new floor and table lamps that they have been buying for Christmas. But we assure all of them that as soon as materials are available we will get to them as rapidly as our crews can hang these transformers. For we have at least 100 applictaions that are right along the line but will have to have a transformer before they can be connected for service.

#### Poles

Another short item that is plaguing all Cooperatives is obtaining a supply of poles. We have always maintained a good stock of about all sizes of poles, but in response to our recent order for some five car loads, we were informed that delivery would be made in 10 months, which means sometime next fall.

### New Appliances

We know that hundreds of our members are looking forward to the time when they can take home that new electric refrigerator, washer, ironer, electric range, or some other item of household appliance that they have been wanting so badly, and walted so long for. Well all we can say is that you have been patiently waiting all through this war period and another month or so won't make much difference, particularly after you have finally received those new items and have really come to know what real comfort is through the use

## of electrical home appliances.

Hen House Lighting This would be a fine time for our members to wire that hen house that you have been putting off the past several years, as egg prices certainly are high at this time and have been for some months past and there seems to be no slump in sight in these prices. Poultry house lighting really pays, and be sure that additional wiring is done by some experienced REA wireman, and have this wiring checked by one of our inspectors to make sure that it is not a fire hazard.

## Electric Motors

We are sorry folks, but there simply don't seem to be any quarter horse power motors available anywon the corn growing championship where. We have literally been of Saline county in the 1945 Mational swamped with requests for small motbefore any extra motors will be avail- office of his interest.

We still have a good stock of Miles energized .... three-fourths h.p. and also 2 h.p., 3 Average per mile ..... h.p. and 5 h.p. motors. Our members Operating Revnue per mile ... have purchased through their Coop- Kilowatts purchased: erative over 500 electric motors of CIPS Reading (30th to 30th) 770,700 various sizes this past year and we Our reading (20th-20th) \_\_\_\_.819,900 have more requests than that which Kilowatts sold (20th to 20th) 603,675 we were unable to fill.

If you have been keeping up with KW Demand: the reports which we have been giv- Saline Substation . Willie Robinson, Harrisburg, Illi- Ing you through the pages of your Benton Substation .... Illinois REA News, you will be in- Galatia Substation .... terested in the following report for Marion Substation .... Howard Plunket, Eldorado, Illinois, November 1945: Members Connected

Members billed ... Non-farm members .... 557 188

## **NEWS FROM** Corn Belt

Bloomington, Ill. T. H. HAFER, Supt.

Annual Meeting Plans Started By Directors

Members should watch for the date of the annual meeting of this cooperative which will be held in February. The exact date has not been set but the directors have started planning for it. Since the crowds have been getting a little larger each year it seems to be necessary to find a larger place to hold the meeting. An interesting program will be planned and a large number of members should attend.

Welcome Service Men

Your co-op is doing its full share to furnish jobs for returning veterans. We already have nine ex-service men working for the co-op and others will be added as we can provide the work which we need to be done. Five former employees of the co-op are or have been in military service and one, Mr. Ronald Whitesell, has returned to his job. The others are still in service with the exception of Richard Adams who has entered the electric appliance business in Florida. Don Allen expects to be released in March. Joe Crosno is still in the Navy, and Wm. Cain is with the occupation forces in Germany.

Mrs. Katherine Wynkoop Leaves The Co-op Employ

Mrs. Katherine Wynkoop, formerly Katherine Pattison, left the co-op employ December 1st to go with her husband who had just returned from the south Pacific and is to be discharged. While we have no official announcement we understand that they expect to make their home on Mr. Wynkoop's farm near Earlham, Iowa. Mrs. Wynkoop has been working in the co-op office since 1940. and we all extend her our best wishes for the future.

REA Farm Equipment Specialist Visits Project

Mr. Dan Teare, REA Farm Equipment Specialist, who has been working on farm electric equipment with REA almost since its beginning, visited our project recently to assist with feed grinding and other special problems. Mr. Teare is available for a limited number of days to help plan the installation of special farm electric equipment such as feed grinders, hay driers, etc. We hope to have him here again for a meeting with the high school agriculture teachers, and if any members having a special problem of this kind will notify the office we will bring it to his attention for whatever help he can give.

> Electricians To Get New Specifications

REA has published some revised wiring specifications which provide several minor changes to bring the wiring methods up to date with the electric code. We plan to have a meeting of all electricians, doing wiring on members' farms, in the near ors for washing machines, but none future with Mr. Kirkpatrick, of REA. available. The manufacturers tell us present to explain these "specks." that every available one-fourth h.p. Any member who is especially inand one-sixth h.p. is going into new terested in wiring will be invited to appliances and it will be some months this meeting if he will notify this

> 3.77 .21.58 Line loss No. Minimum bills ... .4493 Min. per cent ..... 40.0% ....4486 Total billing ...... 25,758.38 ..3413 Power bill .....

> When 90 to 95 per cent of the on-...304 ion stems have broken over naturally, 24 the crop is ready to be harvested.

## **CO-OP POWER CHANGES** RUSTIC RETREAT INTO **ULTRA-MODERN FARM**

For nearly ten years Mr. and Mrs. J. Russell Carter looked forward to the time when they could build a new home on the 160 acres they owned a mile south of Chesterfield and which had served only as a retreat where they could enjoy a vacation of "roughing it" for a week-end or during the warm months.

Then came the high-lines of M. J. M. Electric cooperative of Carlinville, bringing the benefits of electricity to the area and the Carters were able to build their house and make their home on the farm.

A great deal of careful planning went into the site of their new home. First, a deep gully was surveyed and a dam 150 feet long containing 6300 yards of dirt was built to hold the water draining from 28 acres and form an artificial lake which reaches a depth of 30 feet in places and covers over three acres. The work on the dam was completed just before Christmas of 1939 and the lake was well along toward reaching the spillway the next summer and started flowing over the following spring.

A long, low brick house was erected in 1941 which provided for every modern convenience electricity could bring and Mrs. Carter started her houskeeping with the benefit of a kitchen which would do justice to a women's magazine advertisement, complete with electric range and refrigerator, built-in- cabinets and sink. Built Artificial Lake

Before a well was dug, water was drawn to the house for kitchen and bathroom use from the artificial lake, brought by electricity to a pressure tank by a pump installed in a small house some distance from the house. When the well was finished, the pump was moved to draw from it, but all connections were left intact for a quick switch back to the lake should the well ever fail.

Enjoying the out-of-doors, the Carters built a barbecue pit near the lake and used an electric refrigerator box as a weatherproof cupboard for their outdoors utensils and dishes, painting the exterior with aluminum paint to withstand the elements. It saves carrying dishes and utensils from the house each time they want to prepare a meal at the pit.

"I don't recommend putting any electric refrigerator box to such use if it is in working order," Carter advised. "This refrigerator was damaged by fire, so we removed the motor and decided to put the box to good use and it has served admirably as an outdoor cupboard."

## Have Game Preserve

A lake in their backyard did not seem complete without ducks so the Carters obtained a drake and two hens to stock it. Now they have 24 paddling around in the water and quacking loudly to be fed. Occasionnone of these transients have ever vail. become domesticated and chosen to

created by the presence of seven and aid in maintaining higher producdeer, two bucks, four does and a tion during the cold weather. faun, which roam the wooded land around the lake and make their feeding headquarters atop a hill across the lake from the house.

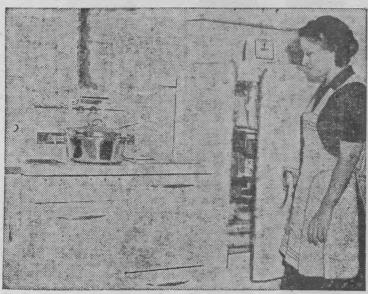
Carter secured them from the estate of the late Henry T. Rainey, former speaker of the national House palatable to the chicken. Tests made of Representatives who had them on his farm near Carrollton.

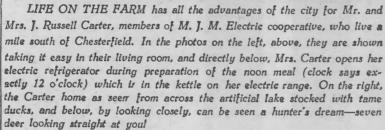
"They never grow tame nor seem to get over being skitish when you are around them, but they are pretty and we like them around," Carter

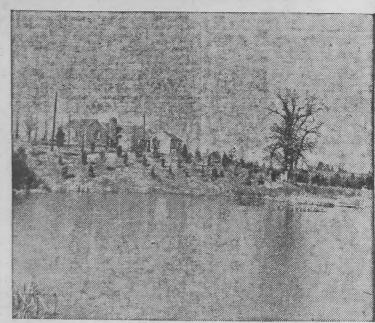
Because of the REA co-op line, the Carters are able to enjoy all the conveniences and comforts of a city dwelling in the midst of the rustic setting they both so thoroughly ap- Texas for it!

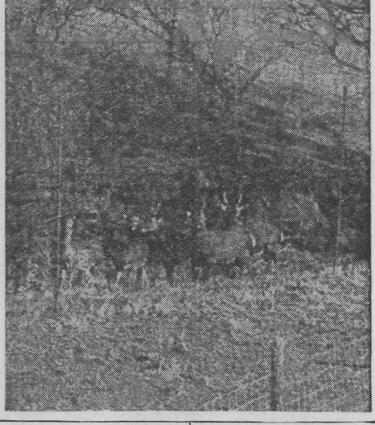
## Ducks and Deer On An REA Farm











## POULTRY RAISERS CAN PROFIT BY REA **ELECTRICITY FOR MAKING "LONGER" DAY**

be considered by the poultry-raiser have shown that layers will drink the Fall and Winter months and while it is maintained at an average temmany articles have appeared covering perature of 50 degrees (Fahrenhelt) chicken farmer, a reminder at this chilled to 40 degrees or lower. time of year may assist poultry men to obtain improved results during the cold weather ahead.

Electricity has paved the way for many members of an REA cooperative to take advantage of available facilities to increase profits from their flocks. In a recent survey made by Menard Electric cooperative, Peterstame ducks to keep them company. burg, a large number of the co-op's members were found to use electric water heaters and a small electric light ally wild ducks will stop for a visit in the poultry house to encourage and remain for several days at a heas to continue laying through the time, enjoying the free meals, but seasons when higher egg prices pre-

An adequate supply of fresh water, kept at temperatures between 50 and But the most rustic touch of all is 55 degrees, will keep flocks healthy

> Because the egg is composed largely of water, it is important to have water at drinkable temperature where the chickens can have it as often as they wish. Food too, is important, and should be warm enough to be

> preciate. Mrs. Carter's principal diversion is sewing and she designs and makes most of her own clothes, or modifies patterns to suit her own taste, doing most of the finishing on her electric sewing machine.

Asked if she liked having the machine operated by electricity, she smiled broadly and exclaimed:

"Why, I wouldn't take a farm in

There are two important factors to at the State Experiment Stations if he wishes to make a profit during nearly 25 per cent more water when the problems to be solved by the than when it is permitted to become

## Plans At REA Co-ops

Plans for building a home-made water warmer can be obtained at the REA cooperative offices by merely sending a stamped, self-addressed envelope with your request. Commercial electric water warmers may be purchased at a nominal cost from your local hardware merchant or electrie appliance dealer.

thought as to whether a 15 or 25- reflector should be washed regularly. watt bulb should be left burning all night in the poultry house or just turned on early in the morning. Both practices seem to get excellent results.

John Aden, an REA member of the Menard Electric cooperative, has a flock of 360 layers and during the first ten days of November 100 of his hens produced 499 eggs; during the same period of time his 260 pullets produced 1742 eggs. This flock was electrically brooded from the time the chicks were hatched on April 17 until they were large enough to range for themselves. The layers are kept in houses with a runway opening into the chicken yard so the flock can exercise. The poultry house is 24 by 50 feet divided by a partition with one 15-watt light in each section left burning all night.

Audace Herzberger, another REA member living near Virginia, has a flock which practically equals the record of the Alden layers, yet Herzberger advocates early morning lighting and has rigged up an alarm clock which turns the lights on in his poultry house at 4:00 A. M.

Both of these progressive farmers have earned reputations as poultryraisers and each believes firmly in his own "lighting methods" yet they get about equal results.

## Long "Day" Required

It is well known that layers need from 12 to 14 hours of light per day and such an average length day can only be provided by artificial lighting during the colder months of the year when daylight sometimes doesn't exceed ten hours.

Light fixtures should be placed high enough to illuminate the roosts and a 40-watt bulb used in a reflector will serve to properly brighten 150 to 200 Mr. C. D. Kirkpatrick, Field En-There appears to be two schools of square feet of floor space. Bulbs and

Every REA cooperative in Illinois is interested in providing information about appliances and the many benefits to be gained from the use of electricity on the farm whether for poultry-raising or not. Members who have questions concerning the proper use of lighting fixtures or appliances would find it profitable to seek information at the local REA office.

If it isn't convenient to drive into the town to call at the cooperative headquarters, a letter with a self-addressed, stamped envelope accompanying your inquiry will bring prompt response.

Each cooperative is also interested in learning what farmers are doing with electricity on their places and if new or better methods are discovered, or plans devised for putting electricity to better use, the cooperative would like to know about it so that it may give other REA co-op members the benefit of such experience and planning. The way such inmon good of the REA-served com- REA members.

## **ADEQUATE WIRING WAS** DISCUSSED AT MEETING

Adequate wiring installed in a safe manner was the theme of a meeting held by Tri-County Electric Cooperative at Hotel Emerson on the evening of November 28, 1945. The meeting was preceded by a dinner held in the Egyptian Room of the Hotel and forty-eight persons were present at the meeting. This group consisted of wiring supply wholesalers, wiremen from Marion. Washington and Jefferson counties, representatives of Tri-County Electric Cooperative, and Wayne-White Electric Cooperative.

The meeting was conducted by gineer for the Rural Electrification Administration, at which time the new REA wiring specifications were presented and discussed. Mr. Kirkpatrick cautioned all wiremen to regard the specifications as minimum requirements and told them that the past eight years of REA experience had shown that there is a tendency among all wiremen to wire a consumers premises for the present use of electricity. He further stated that a wireman must not only be a good mechanic, but he must be a salesman to sell the Cooperative member on the need for adequate wiring to take care of future as well as present requirements.

Commercial canning began in the U. S. in 1819. First American patent for the tin can was granted in 1825, although an English patent had been taken out in 1810. The word "can" is derived from the English "can-

formation can be shared for the com- munity is through the cooperation of

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

Carlinville, III. A. C. BARNES, Mgr.

### Welcome New Members

Chas. Merriman, Fillmore; Purl Skaggs, Litchfield; Lee Edwards, Carlinville; Lora M. Allen, Carlinville; P. F. Gleespin, Jerseyville; Eugene Fritz, Jerseyville; Elmer W. Keiser, Litchfield; Alfred Marburger, Litchfield; Stephen Suyo, Jr., Mt. Olive; F. B. Bornmann, Carlinville; Elvis Dossett, Shipman; Eugene Holecheck, Mt. Olive; Norman E. Drew, Irving; Lloyd Lyons, Dow.

### October Operating Report

Number of Miles Energized	689
Members billed	1837
Revenue Per Mile	\$14.07
Density per Mile	2.55
KWH Sold	
Average Bill-Farm	\$5.48
Average Bill-Residential	\$3.21
Average Bill-Commercial	\$5.16
Average KWH Consumption	1
Farm	114
Residential	48
Minimum bills	471

#### Member News Items

Mr. J. Hilbert Dubbelde, Plainview, has purchased a farm near Prairie Town and expects to move there in the near future.

James F. Tunley, 67, former resident of Bunker Hill vicinity, died suddenly at his home in Seymour, Ind., November 30th. Funeral services were held at 3:00 p. m. December 3rd at his home with burial in Riverview Cemetery. His wife survives, also a daughter, Mrs. Evelyn Glassen, of Indianapolis; a brother, Lester A. Tunley, of Bunker Hill, and a sister, by farmers saved two rooms of fur-Mrs. Wm. Strohbeck, of Brighton, and one granddaughter.

Mr. and Mrs. William Lowenstein celebrated their 30th wedding annicersary at their home near Walshville, Illinois, Wednesday evening, Nov. 21st. Many relatives were present and the couple received many beautiful gifts. The evening was enjoyed playing games and prizes were awarded after which lunch was served, consisting of sandwiches, cake and coffee. The couple have been members of the M.J.M. Cooperative for the past five years and enjoy it very much. They have many electric appliances including a beautiful floor lamp given to them by their children on their anniversary.

## Memberships

difficulty with some of our new mem- Monke, Mt. Olive, president; Frank

bers being under the impression that the membership in this Cooperative is returnable and that the \$5.00 membership fee can be used to pay final electric service bills when they discontinue using the electric service. We have found that some of our old members have been instructing new members to this effect and we wish to correct any impression that any member may have because the bylaws of the Cooperative provide that A MEMBERSHIP IN THIS COOP-ERATIVE IS NOT RETURNABLE, TRANSFERABLE NOR CAN THE \$5.00 FEE BE USED TO PAY ELECTRIC · SERVICE FINAL BILLS. The \$5.00 membership fee which is paid to join this Cooperative is not a meter deposit.

It is true that public ultilities require a meter deposit and return this deposit when you discontinue using the service provided all service bills \$5.00 fee which is paid is considered we cannot serve anyone except mem- pear on the convention program. bers; and therefore, the \$5.00 fee is not returnable.

## Carlinville Farm Home Razed by Fire

The home of Mr. and Mrs. George W. Gwillim burned Saturday, December 8th, at 8:30 a. m. Mr. and Mrs. Gwillim and their son Dale were seriously burned and their year old daughter, Carol Jean, burned to death in the fire. It was reported that Mrs. Gwillim was attempting to start a fire in a stove when the oil which she was using exploded throwing over her. The room was immediately a mass of flames. The baby, sleeping in a daybed in a corner of the room, could not be saved. The father, who had been shaving in the kitchen at the time of the explosion, was unable to enter the flaming room. Near-

The farm on which the Gwillims resided composed '120 acres belonging to Albert H. Hammann. The Gwillims had just moved in last spring and the house was recently wired and fixtures installed for receiving electric service from this Cooperative. The service was to have been extended the next week. Mr. Gwillim is employed at Producers Creamer Company, Carlin-

Our deepest sympathy goes to this family and relatives at this time. Fairview SMP Local Re-elects

## Officers for 1946

At the annual meeting of Fairview Local of Sanitary Milk Producers Recently we have had considerable elected for 1946 as follows: Adolph

## BEEKEEPERS HEAR REA CO-OP STORY



NEW OFFICERS OF THE STATE BEEKEEPERS ASSOCIATION, elected at the 55th annual convention in Springfield this month, left to right, Wesley W. Osborn, Hillsboro, treasurer; Sim Taylor, San Jose, are paid in full but in our case the vice president; Ellsworth Meineke, Arlington Heights, pWilliam H. Lynch, Marseilles, vice president; President; Foster Hanneford Jr., Winnetka, vice president, and Hoyt Taylor, Pleasant Plains, general secretary. Mr. Taylor, a membership fee and under our plan a member of the Menard Electric cooperative, Petersburg, invited Electrification Advisor Fred E. Darr to ap-

## Menard Co-op Advisor On Program of State Beekeepers Confab

Every opportunity to "spread the REA gospel" offered to him is usually accepted by Fred E. Darr, electrification adviser of Menard Electric cooperative, Petersburg, who has made an outstanding contribution to REA public relations in Illinois through his frequent appearances on the programs of organizations meeting in Springfield or vicinity.

Darr's most recent opportunity to tell the story of REA cooperative en-

terprise occurred this month when tertained the banquet guests for an Hoyt Taylor, a member of the Men- hour with sound motion-pictures made ard co-op, and general secretary of possible through the projector equipthe Illinois State Beekeepers Asso- ment of the Menard co-op. ciation, asked Darr to appear on the association's banquet program at Its convention program, which included 55th annual convention this month in many from other states, were Ray A. Springfield.

than 150 members of the beekeepers sequent appointment of Arnold P. organization, Darr explained some of Benson); Dr. V. G. Milum, agriculturthe advantages of membership in an ist, and Dr. C. W. Kearns, entomol-REA cooperative and urged his lis- ogist, University of Illinois; Glen O. teners to tell farmers in their own Jones, secretary of the national fedcommunities to join the local REA eration of state beekeeper associaco-op if they wanted central station tions, and Walter T. Kelley (the Bee electric power. After his talk, he en- Man) of Paducah. Kv.

Among speakers on the beekeepers Dillinger, acting director, state de-Addressing his remarks to the more partment of agriculture, (prior to sub-

Alden, Mt. Olive, vice president; with the specifications in this new stallation because the meter base will August L. Eickmeyer, Litchfield, secretary-treasurer.

The advisory committee consists of the following: Adolph Monke, Frank Adden, Mt. Olive, Aug. L. Eickmeyer, Litchfield; transportation, Aug. Eickmeyer, Edw. Mindrup, Staunton, Herman Franke, Litchfield; membership, Adolph Monke, Aug. Eickmeyer, Edw. Binney, Staunton, Emil Monke, Mt. Olive.

Herman Franke was named delegate to the annual meeting of the Association with Emil Monke as al-

## 4-Year-Old Nilwood Boy Dies

Harlan Lair, 41/2 year old son of Mr. and Mrs. Charles Loren Lair of Nilwood, passed away at the family life had failed. He was a victim of the dreaded blood disease, lukemia.

The plight of the little fellow drew national attention when Cecil Reed, 51-year-old Atlanta, Ga., grandfather, who had been cured of the disease offered to furnish blood for a transfusion. Reed made the trip from Atlanta to St. Louis by plane after reading of the boy's plight.

Harlan was given a Christmas party and was visited by Santa Claus on ksgiving day because physicians said he could not live until Dec. 25th. Cards and gifts poured into the Lair home from every state in the Union.

Harlan is survived by his parents, a half-sister, Marjorie Maupun, and his grandparents, Leslie Lair and Mr. and Mrs. Charles Welton.

## Wiring

We have a number of members using our service who are doing wiring for new prospects and there have been some changes in the wiring requirements. Therefore, we are asking that those members who are doing your work please contact this office for the new wiring specifications manual. This new manual explains all the recent changes.

In the future the wiring inspector expects to see that all wiring complies with these specifications before approval is given to connect the service and rather than to have any inconvenience caused by requesting changes, we hope that those members manual. We will be glad to send the be given at the time we are building manual to you if you will write us the extension to the applicant. a letter or you may call at the office and receive one.

We, also, want to call your attention to all wiremen to the effect that beginning January 1st, 1946, the or his pole meter installation. It will argument. require the applicant to furnish all meter base will not be given until inspector for Washington, D. C.,

## LET MAMMA TAKE THE WHEEL?

"Another lady driver!" Those three Cooperative will no longer furnish little words, snarled through clenched the meter loop either on his house teeth have started off many a family,

Here's ammunition for the Little wire necessary for such work. We Lady the next time those words are will furnish the meter base. Such uttered. Joseph D. Harrington, taxl we are ready to install the service; women cab drivers piled up a better therefore, we do not advise a wire- safety record than the male drivers man to call at the office and ask for and that there are far fewer come a meter base in advance of our in-plaints registered against them!

#### ENGINEER AT SOUTHEASTERN CO-OP bome December 3rd after everything held Nov. 16th, officers were remedical science could do to save his



For the past three years, Thomas Clevenger has served half of each month as engineer of M. J. M. Electric Cooperative, Carlinville, and the other two weeks as engineer of Southeastern Electric cooperative, Harrisburg, This month Clevenger moved from Carlinville to Harrisburg to be permanently assigned as full-time project engineer in the construction of 140 miles of C-section line and 244 miles of D-section, line, 45 miles of which will be conversion to three-phase line of 33,000 volts. He will also engineer work on a 3000 kva substation. Much of the work on the Harrisburg co-op will be done through force account but new construction will be handled by Mia who are doing wiring will comply chael Drazen and Associates, engineering firm of St. Louis.

PROMOTED TO OFFICE MANAGER

After serving more than three years in the Navy, from which he was honorably discharged November 19 with the rating of aviation radio technician, first class, R. T. Reeves of Dongola, has returned to Southern Illinois Electric cooperative as office manager, George Endicott, co-op manager, nounced. Reeves was employed as an office clerk for a year before he tered the Navy. He is married to the former Eulita Penrod, who is a cher in the Dongola schools.



# REA Women Edited by Joan Cameron

## 'Tis The Season For Pie

**Tempting New Recipes That Will Hit the Spot** With Family, Guests, and Sugar Ration



The never-forgotten thrill of helping Mother with the making of a pie highlights a little girl's life. Photo-courtesy of Westinghouse.

at our house," you say. And right any way. Divide crust in half shapyou are. For pies are America's No. ing each piece into round ball. Chill dessert. But during the Christmas in refrigerator for an hour or two beseason we are generally so busy with fore rolling but do not allow to chill other goodies that we may forget so long that it becomes so cold and there is nothing in the world that can firm that it is difficult to handle. take the place of a delicious homebaked pie to top off that special dinner your guests will remember as their make a regular crust, graham cracker best meal in a long time."

are swell desserts but after a few no time at all. Just roll enough gradays doesn't your palate crave some- ham crackers or vanilla wafers to thing different? Or maybe your sup- make 3/4 cup of crumbs. Cut enough ply of sugar was so limited that you crackers or wafers in half diagonally cookies this year.

In either case we have some mighty help you make your usual pies-ap- ing as usual. Try this sometime, ple, lemon meringue, etc., more tasty, as well as ideas for something entirely new in the line of pies.

## Having Pie Crust Trouble?

As long as pie continues to be America's favorite dessert, the art of making pie crust-delicate, flaky, melting-on-the-tongue-will be a culinary triumph. You have heard theories and more theories about pie crust making-ice water versus tap temperature water, baking powder versus no baking powder, cake flour versus allpurpose flour, and many more.

Here is the secret for a double crust for an 8 or 9 inch pie with the correct techniques of putting it together, that will give a tender, delicate pie crust every single time.

## Tender Pastry

21/4 cups sifted all-purpose flour 1 teaspoon salt 3/4 cup shortening 5 tablespoons water

Sift flour and salt together in a bowl: add shortening, cutting it in with 2 knives or pastry blender until shortening is in the size of peas-no larger. Add water-sprinkling one tablespoon at a time over crust while tossing lightly with a fork. Do not use more water than called for or the crust will be tough. Press mix-

"Any season is the season for pies holds together. Do not work it in

## "Quickies"

Or if you don't have the time to or vanilla wafer crusts are delicious Christmas cookies and fruit cake for a filled pie and can be made in didn't bake so many Christmas to stand around edge of pie plate and put them in place. Cover bottom of plate with crumbs and fill in spaces good suggestions for you that will between halved crackers. Pour in fillwon't you?

And here is a filling that is ideal for a crust of this kind. Very easy on the sugar, too.

## Magic Fruit Meringue Pie

1 1/3 cups (1 can) sweetened condensed milk 1/4 cup lemon juice 2 eggs, separated 1 cup sliced strawberries or other fruit

2 tablespoons sugar

Blend sweetened condensed milk, lemon juice and egg yolks. Fold in sliced strawberries. Pour into pie plate (9-inch) lined with graham cracker or vanilla wafer crust. Cover with meringue made by beating egg white until stiff and adding sugar. Bake in moderate over (350° F.) 10

minutes or until brown. Chill before serving. You may omit the meringue and garnish with strawberries.

Did you know that apple pie is the most popular pie in America? Well, it is, and if you try this recipe for an Old Fashioned Apple Pie, I'm sure you'll understand why.

Most Popular of Pies

4 cups sliced apples
1/2 cup granulated sugar
1/2 cup molasses
2 tablespoons butter
1/4 teaspoon nutmeg
1/2 teaspoon cinnamon

with sugar and pour on molasses. Dot with butter and sprinkle with spices. Adjust top crust and bake in hot oven (450° F.) 15 minutes, then decrease heat to moderate (350°) and bake 30 minutes longer.

Or try this for variation:

## Deep Dish Apple Pie

6 apples, pared and sliced
4 cup brown sugar, firmly packed
4/2 cup light corn syrup
4/2 cup light corn syrup
4/2 teablespoons alt
2 tablespoon nutmer
4/2 teaspoon cinnamon
1 teaspoon lemon juice
1 tablespoon butter
1 pie crust
4 ix apples with brown sugar, s Mix apples with brown sugar, salt,

flour, nutmeg, cinnamon, and lemonjuice. Place in 12 x 8-inch oblong baking dish. Dot with butter. Roll dough into oblong large enough to extend 1 inch beyond rim of baking for steam to escape. Place pastry over apples in baking dish, turn edge ing dish. Bake in hot oven (425° F.) 40-50 minutes. Serves 6.

### Luscious Cream Pie

This seems to be the answer to a housewife's prayer. And it's guaranteed to make a hit with the entire family, too.

tablespoons flour.
tablespoon cornstarch
teaspoon salt
cup sweetened condensed milk
cups hot water
egg yolks, slightly beaten
teaspoons vanilla
v flour cornstarch, and sa Mix flour, cornstarch, and salt in top of double boiler. Add condensed milk gradually, stirring until blended, then add hot water gradually. Cook until thick and smooth, then cook 15

minutes longer, stirring occasionally. Stir a small amount of mixture into egg yolks, return to double boiler and cook a few minutes longer. Cool and add vanilla. Pour into baked pie shell. Top with Meringue and bake as directed.

## Meringue

Beat 2 egg whites until stiff. Add 4 tablespoons sugar gradually, beating constantly. Add 1/2 teaspoon vanilla. Pile lightly on filling. Bake in slow oven (325° F.) 25-30 minutes, or until firm and delicately browned. Pecan Pie

There are plenty of nuts and candies around the house at Christmas time so the kiddies will never miss the cup of pecans that you will swipe from the nut bowl for this "treat that

can't be beat" pie.

14 cup butter
14 cup granulated sugar
15 eggs, unbeaten
16 cup molasses
10 juice of 1 lemon
1 cup pecan meats, sliced
Line 9-inch pie plate with pastry. Cream butter and sugar. Add eggs. molasses and lemon juice and beat with rotary egg beater. Add pecan meats and pour into pastry-lined pie plate. Bake in hot oven (450° F) 10 minutes, then decrease heat to moderate (350° F.) and bake 30 minutes longer.

## Prune Cream Pie

Instead of the traditional plum pudding, surprise your guests with a prune cream pie on Christmas day. They'll be glad you did.

ney II be glad you did.

1/2 pound prunes, cooked
1/2 cup granulated sugar
1/2 cup prune juice
1/2 cup molasses
1/2 cup shredded cocoanut
1/4 cup butter, melted
1/2 cup orange marmalade or candied
1/2 cup cange peel
1/2 cup orange marmalade or candied
1/2 cup orange peel
1/2 cup orange marmalade or candied
1/2 cup orange peel
1/2 cup orange marmalade or candied
1/2 cup orange peel
1/2 cup orange marmalade or candied
1/2 cup orange marmalade orange mar

syrup slowly into egg yolks, stirring constantly. Add prunes, cocoanut, butter and marmalade. Fold in egg pie plate. Bake in hot oven (450° F.) 10 minutes, then decrease heat to moderate (350° F.) and bake 30 minutes longer. Top with meringue or whipped cream if desired.

### Kiddies Favorite

This Gingerbread Meringue Pie will surely hit the spot with the kiddies, who love the rich, mellow gingerbread-y flavor in pies as much as they do in gingerbread men.

3 tablespoons sugar
4 cup molasses
54 cup corn syrup
3 tablespoons shortening
1 teaspoon ginger
1/2 teaspoon cinnamon
pinch of salt

Mix together, Then add 1/2 cup boiling water mixed with 1 teaspoon soda and stir in 11/4 cups flour. Beat all together with egg beater and add well-beaten egg. Pour mixture into crust-lined 9-inch pie plate. Bake in moderate oven (375° F.) until firm, about 40 minutes.

Just before serving, cover pie with meringue made by gradually adding 4 tablespoons sugar to beaten egg whites. Bake in slow oven (325° F.) about 15 minutes.

#### Molasses Chiffon Pie

If you want to hear those familiar 'yum-yums" all around the table, serve this pie.

1/2 cup molasses 1/4 cup brown sugar 3 tablespoons ground chocolate

3 eggs 1/3 cup milk

envelope plain gelatin teaspoon cinnamon teaspoon nutmeg

1/4 teaspoon ginger 1/4 teaspoon salt

Put molasses, milk, sugar, chocolate, spices, and slightly beaten egg dish, on all sides. Cut a few openings yolks in top of doube boiler and cook for 15 minutes. Add gelatin, which has been soaked in 1/4 cup cold water under, and press on rim around bak- for 5 minutes. When gelatin is dissolved, remove from stove and chill until thick as jelly. Fold the jellied mixture into the stiffly beaten egg whites. Pour into a baked pie shell and chill. Serve with whipped cream.

## Angel Pie

If you want to hit somebody's sweet tooth, this is the pie that guar-

antees success.

4 egg whites
¼ teaspoon cream of tartar
1 cup sugar

Beat eggs until frothy. Add cream of tartar and beat until stiff. Add sugar a little at a time, beating continually until meringue is stiff and glossy. Spread in a well buttered deep pie tin. Bake 1 hour at 200° F. Then reduce the heat and continue baking until thoroughly dry.

## Something Different

Are you game to try something new and different? Then try this Frozen Lemon Pie. You'll never forget it.

2 eggs separated
1/3 cup lemon juice
rind of ½ lemon
½ cup sugar
1 cup evaporated milk, whipped
½ cup cooky, graham cracker or cake
crumbs

and rind sliced from lemon and al! dwindle to nothingness.

## PATTERN LIST

After the busy holiday season is whites. Pour into 9-inch pastry-lined past, perchance you'll find time to do some of that knitting, crocheting, and sewing you've been planning. Let's hope so, anyway. And we've got some mighty good suggestions for things you can make and directions for making them for you.

> Just address your requests to Joan Cameron, Illinois REA News, Petersburg, Ill. You may have as many patterns as you like but be sure to enclose a self-addressed stamped envelop for every four patterns. Please do not send coins as the post office doesn't like it and it slows up mailing procedure.

These You Sew Gay Pinafores and Aprons

Hat Trims Scallop Envelop Bag Velveteen Drindle and Heart Sus-

pender Checked Gingham Dickey Dressy Faille Bag Gifts You Can Make in Rayon

New Tricks for Old Wardrobes Applique Luncheon Set Feminine Bedroom Accessories

These You Crochet Lacy Doily

Hot Plate Mats, Pot Holder Dinner Cloth Irish Edging

Edgings for Sheets and Pillow Cases

Blouse Sweaters Wool Crocheted Bag Tray Cloths

These You Knit

Hand Knit Quartet Knit Shawl and Crocheted Bunting Muff and Bonnet Set Beanie and Bag Mitten, Scarf, and Hood Set Shoulder Bag and Belt Tot's Sweater

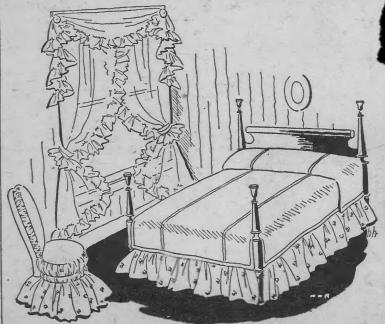
Baby Sacque and Kimona Good Homemaking Washing and Ironing Guide Mending Tricks Care of Home Furnishings Tips on Sewing Curtains and

Draperies Selection and Care of Curtains and Draperies

but 2 tablespoons of the sugar. Cook over low heat 15 minutes, stirring constantly. Remove lemon rind and cool. Beat egg whites until stiff. Add remaining 2 tablespoons of sugar and fold into cooked mixture. Fold in whipped evaporated milk. Line refrigerator tray with waxed paper. Sprinkle with 1/4 cup of the crumbs. Pour in lemon mixture; sprinkle with remaining crumbs. Freeze with temperature set at coldest. To serve, cut across tray diagonally to make pie shaped pieces. Serves 8.

These recipes, in addition to your many own recipes for fruit, custard, cream, chocolate, and other pies, Beat egg yolks, add lemon juice should make your dessert problem

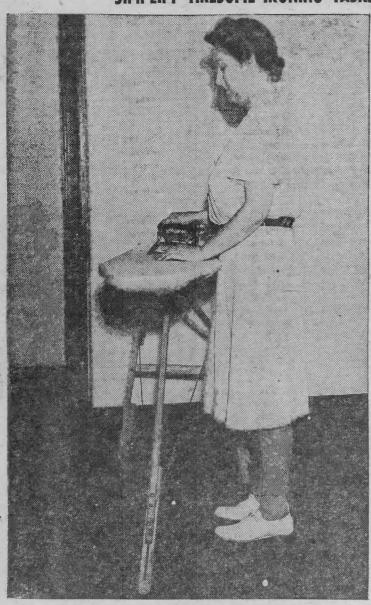
## FEMININE ACCESSORIES TRANSFORM BEDROOM



Start the New Year off by making your bedroom beruffled and feminine A few yards of the right fabric-crisp organdy and a gay print-and y Remove prune pits. Combine sughave the makings of a charming bedroom. Directions for making Fem.
Line 9-inch pie plate with pastry.

Remove prune pits. Combine sughave the makings of a charming bedroom. Directions for making Fem.
Bedroom Accessories may be obtained by sending a stamped self-addr against side of howl until it Fill pie shell with apples. Sprinkle slowly until sugar is dissolved. Pour envelope to the Women's Editor, Illinois REA News, Petersburg, Ill.

## TIME AND ENERGY SAVING TRICKS SIMPLIFY TIRESOME IRONING TASKS



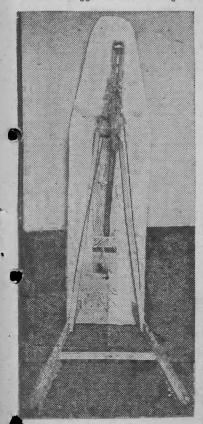
An ironing board of the right height for good posture is the first "must" in simplifying the ironing task.

tay exceeded only by the drudgery rolled on the board, they will be in of ironing? Then take heed, for here are some tips from Margaret P. Mc-Cordic and Louise A. Young, Extension Service of the College of Agriculture, University of Wisconsin, that will help you save time and energy in that age-old task of ironing.

In the first place, our experts advise us to make our time count by usng tablecloths that iron easily or do not need ironing, mats, that are easily ironed, or oilcloth and other materials that may be wiped off with a damp cloth. That would eliminate ironing—good idea, don't you think?

If you do your own sewing you can lend your ironing a helping hand by using material that does not need ironing for house dresses, aprons, and children's clothing, and by making other clothes simply.

Further suggestions for saving time



are to hang clothes on the straight of the goods and take pieces to be ironed off the line, if possible, when of the

Do you find the drudgery of wash carefully so that when they are unposition to start ironing. Sheets, kitchen towels, turkish towels and similar items do not need ironing, so should be thoroughly dry before taking off

> Put Method In Your Work Take a little time to organize your



good light, ventilation, and plenty of vent pins of the iron from losing room. Correct arrangement of basket their spring or tensionof dampened clothes (raised to pre- If the cord has a switch, make all vent stooping), ironing board and connections before turning on the rack or table for finished articles so the ironing can proceed in a convenient order is necessary.

A good ironing board is a prime requirement, according to Mrs. McCordic. It must be a comfortable height for both standing and sitting so that an erect posture can be maintained while reaching the full length of the board. A board with a wooden frame can easily be made adjustable by using slatted extension strips. A board with metal frame can be made higher if necessary by screwing wooden extensions on to the feet.

What To Look For

When buying a new board, watch for a sturdy frame, braces that allow you to sit at work and a board of a comfortable height for standing. Be sure to get a wide board with a small end well shaped and the board treated heat, such as rayons, then cottons and rather than short rapid ones. or an iron strip screwed to the underside to resist warping.

"The standard ironing board is job. needed for ironing such things as right dampness for ironing, folding skirts, children's dresses, or any gar-till garment is dry. This is especially pler, quicker, easier and better.

ment that needs to be placed over the LOOK WHAT'S COMING end of the board. Another board about 20 inches wide is more convenient for men's shirts and large pieces. Iron strips bent to fit over the wide part of the small board and screwed to the bottom of the large board make it possible to fit the wide board over the small board whenever desired. Both should be well padded," advises Mrs. McCordic.

#### Good Pad and Cover Essential

Remember-a good pad and cover will simplify your ironing. They should extend over both ends and sides of the board without laps or seams on the right side and should be easily removable for washing.

You can easily make a pad from a table silence cloth or several layers of old blanket laid out smoothly and basted or sewed together to make a thickness of not more than 3/8 of an inch. Too heavy a pad may gather moisture and mildew. A good cover can be made from a medium grade of unbleached muslin or bleached firm

#### Care For Your Iron

Treat your iron like a good friend -for that's just what it is. And it may have to serve for quite some time yet, for although electric irons are on the market again, it will take a long time before there will be enough to fulfill the demand. Sodon't forget to disconnect the iron when not using it, even when answering the telephone or doorbell. If you have an automatic iron, be sure to set the temperature control correctly as overheating the iron will shorten its life. Avoid dropping or bumping the iron as that may injure or break the heat element. Keep the iron dry putting away and store it carefully.

To keep the bottom of the iron clean and smooth rub it now and then with a small piece of paraffin folded in a small cloth. If it has stubborn stains, let the iron cool and rub with damp cloth and fine whiting paste. Never scrape with a knife or use a coarse abrasive and avoid ironing over pins, buttons, hooks, zippers. or other hard articles.

## Watch That Cord

The heater cord deserves to be 16 gauge wire is the best type to use. It is heavy enough to carry needed over the rubber insulation around If an extension cord is used, it must be of the same type since in the cords of an 18 gauge wire the conductors are smaller and the extension cord may not carry enough electricity to heat the iron satisfactorily and the cord may also become hot.

If your cord is detachable, connect it first to the iron, then at the convenience outlet. Always pull on the plug and not on the cord. Never disconnect the cord from the iron while the current is on or corroding and ironing center. It will prove well burning will result. When the iron worth while. Work where there is

current. If the iron has a heat regulator, turn the heat off before disconnecting the iron at the convenience outlet. Never let the cord come in contact with the hot iron and do not knot or twist. Broken wires, loose connections, or broken plugs can cause short circuits and blown fuses, radio interferences and poor heating. When using the iron, slide it onto a piece of asbestos, instead of raising it onto its heel. This prevents wear on the cord which is plugged into the end energy.

## Why Not Be Comfortable?

Develop good ironing practices. Sit when possible, using a stool of suitable height which has a place on which to rest your feet. Begin ironing with materials which need lower linens. Save a piece or two of rayon with which to finish up the ironing

# IN NEW APPLIANCES

Remember all the new electrical appliances you were promised "after the war"? Well, you will not have Your postwar refrigerator will fea-

new gadgets that will be offered to

#### The Latest in Irons

Hand and machine irons to make the ironing job easier will soon be



on your dealer's shelf. One automatic standard iron, with the handle and sole air cooled and the black plastic handle equipped with a headlight to spot the wrinkles, is made with twin points so you can get into small spaces without reversing.

Steam irons eliminate sprinkling and can be used to iron the sheerest curtains and heaviest woolens equally as well. Housewives are cautioned and away from water. Cool it before to use only distilled water as tap water will cause lime to collect within the iron.

If tangling cord gets in your way when you iron you will be interested in the cordless iron to be manufactured after the first of the year. The cord is attached to the iron's stand and the iron draws its heat from the upper part of the stand, thus enabling the ironer to move more freely.

## No More Washday Worries

No longer will you have your washday plans upset by bad weather. handled with care. A cord made of With the automatic clothes dryer you need not care whether the sun shines or whether it rains. You just current and to withstand hard wear, transfer the clothes from your It always contains a layer of asbestos wringer and spinner into the dryer and they will come out either dried each conductor and is cotton covered. for ironing or dried entirely as you wish.

You'll have your choice between either an automatic or non-automatic type of washing machine, probably depending upon the cost or time you have to supervise the machine. One type of machine with two separate tub units, one for clothes and one for dishes, will fit neatly into your kitchen. Other models boast new types of flush rinses, automatic sprays, and other improvements designed to save you back-breaking hours of labor and turn out a better wash.

## You'll Want a Dishwasher

No more dishwater hands if you

important for bias-cut garments. Iron on the right side of cottons and linens except to bring out pattern of fabric, an embroidered design or when there is more than one thickness of material where you iron first on the wrong side. Protect long pieces from dragging on the floor. Iron few creases, especially in linens, and change ofte nto avoid wear.

## Dampen to Correct Degree

Watch the amount of moisture, the of the iron and saves motions and method of folding and rolling clothes when dampening for ironing, and also the arrangement in the basket. Unstarched clothing needs very little dampening, while starched materials, especially linens need to be quite damp for a good ironing job. Practice using slow steady movements

Don't allow your ironing to be an

able. One model performs eight operations, starting with a spray, then rinsing and washing at one touch of a button without the use of soap, drying by a heating element turned on automatically after washing, and

long to wait now. Because some of ture more storage space for frozen those promised devices are already foods, with some models containing on the market (in limited supplies, full width freezer shelves. You will of course) and many more will soon have rustproof shelves, an ultra-viobe making their appearance in store let ray sterilamp to retard the growth of mold and bacteria, and refrigera-You'll be amazed at the number of tion coils built in the wall of the box to abolish defrosting, prevent the you in these appliances designed to drying out of foods and enable the make your housekeeping easier and placing of uncovered dishes on the

### Alarm-Equipped Freezer

Rural families will supply the greatest demand for home freezing units which will come in two styles, the apright freezer resembling a refrigerator and the top opening cabinet. The former type will freeze and store a food supply lasting from six months to a year. Packages can easily be located without rearranging and it will be equipped with an alarm that will go off when the interior temperature exceeds the danger point, 10 degrees above zero.

Vacuum cleaners, maroon with ivory trimings, brown or light gray, will be lighter and easier to use as a result of large scale use of plastics and aluminum in their manufacture. One model is equipped with a motor



which never needs oiling and an adjustment for raising or lowering the nozzle for various rug thicknesses.

## Sleep With Electricity

You'll never wake up shivering in the middle of the night if you sleep under an electric blanket. Electric flying suits used during the war have taught the manufacturer improvehave one of the completely auto- ments for the blanket which automatically adjusts heat changes while you sleep.

The new electric roasters are complete cooking units and will cook a complete meal at one time. One model with one section for meat and two for vegetables, has a look-in panel so you can watch the progress of cooking without lifting the lid. Some will have automatic timing devices for surface burners as well as ovens and V-shaped oven racks for roasts instead of the roasting pan.

## Other Newcomers

Other new appliances which you can look forward to include a disposal unit in your sink to shred the garbage, electric water heater with adjustable heat control, automatic coffe maker controlled by a thermostat which turns off when the coffee is properly brewed, sewing machine, and even an electrical flour sifter.

Toasters, portable and stationary endless job. Practice some of these food mixers, waffle irons, grills, porttime-saving tricks with a little plan- able heaters, heating pads, heat Iron with the thread of goods un- ning and your ironing will be sim- lamps, and fans will also be available

AS SOLICITOR TO REA

The appointment of K. Wilde Blackburn as Solicitor to REA, suce

ceeding the late Vincent D. Nichol son, became effective on November

14, according to an announcement by Robert H. Shields, Solicitor Gene eral for the Department of Agricule

ture. Mr. Blackburn is a native of

Pennsylvania. He received his A.B.

degree from Temple University, and his L.L.D. degree from the Universa

ity of Pennsylvania. He became asso-

ciated with the Rural Electrification

Administration, under its original its dependent status, on May 1, 1935,

and was assigned to the staff of the

General Counsel. He was first affili-

ated with the Application and Loans

Division in the processing of loan

applications, and later to acquisitions.

When REA became a part of the Dea

**BLACKBURN NAMED TO** SUCCEED NICHOLSON

# Along the Line in ILLINOIS

WITH DAVE MUELLER

heavy snow storm, we muttered to brushed himself off. "Brother, I've ourselves that there were times when been waiting for three years to roll that popular song, "Dreaming of a around in a snow bank and it can't White Christmas" might well be pile up deep enough to suit me!" holiday season, ever attempted to the outcome of their rough and tumshovel his way out of foot-thick drifts ble sport, took their places at a table along the highways of Illinois.

dowed restaurant at the edge of got in the Army!" Flora, we scraped the ice off the Suddenly the snow looked good to windshield wipers and tossed an old us, as we sat there looking at those blanket over the hood to save as three heroes of the bloody war with much engine warmth as possible the Japs. Snow which never touches while having lunch. An extra bit of the hot, steaming jungles or sifts into stomping to get the snow off our the barren quarters of men on the shoes helped us to feel a little better other side of the wide Pacific, had before we sat down at a table to been a symbol of home, and Illinois give our order .-

that one of the boys had been given a mean," Peace on Earth, Good Will good face washing by the others and Toward Men." all three had ended their tussle wollowing around in the deep snow.

as "fruit salad" bedecked the left and we grinned as we brushed the shoulders of all three men, their pro- clinging snow from the windshield fusion of colored ribbons and combat and climbed into a cold car. badges quietly proclaiming their part in many campaigns throughout the mas . . ." we warbled in our shaky South Pacific and the Philippines.

'You guys look like snow men," the restaurant proprietor called cheer-

"You're telling us!" one of the

Slipping and sliding through a soldiers grinned as he vigorously

graduated into a nightmare and we He gave one of his buddies a goodwondered if Bing Crosby, who made natured push and the three of them it into a national favorite for the still laughing and ribbing each over and gave ringing orders for "big, Skidding to a stop at a steamy-win- juicy, rare steaks like what they ain't

and of all the warm, human qualities While we were waiting, three ser-that make the holidays in America vicemen came into the cafe, laughing something a little apart from everyas they brushed the snow from their day life and fills the air with gaiety uniforms and from their hilarious ex- and laughter, Christmas carols and shange of banter, we learned they sleigh bells, good cheer and warm had been having a snowball fight and handclasps—all of the things which

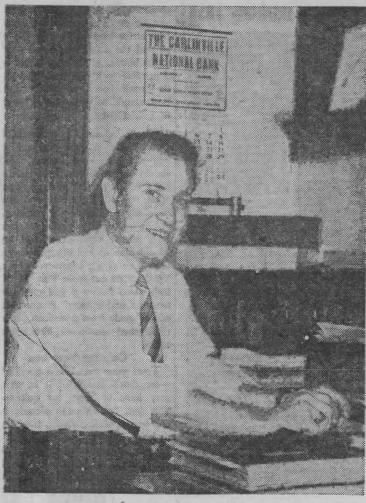
When we emerged from the restaurant, we found ourselves humming What miliary men lightly refer to a few bars of "White Christmas"

"I'm dreaming of a white Christbaritone as the rear end of the car whirled around crazily on the road.

"Let her snow!" we sang aloud as ily across the counter, "don't you the windshield wipers slapped back know that stuff's mighty cold and and forth over a crusty mass of forming ice.

"Let her snow!"

## ON NEW JOB AT M. J. M. CO-OP



orders, mapping and as materials tist.

Dave served a brief apprenticeship as a groundman to acquaint plant in Alton. He is a graduate of himself with the workings along the Carlinville Community high school, lines, then was transferred by Man- married to the former Betty Joe Nevager Barnes to a desk in the office ins, and they have one son, Dean where his specialty is mapping work, Martin, aged 3.

Home again after spending 34 a natural for him because his hobby months in the Navy Air Force from is creative art work, chalk and charwhich he was honorably discharged coal portraits and architectural drawwith the rating of Petty Officer (ord-ing. Although he has had no formal nance), David M. McKee of Carlin- art training, Dave expects to follow ville has been employed by M.J.M. his hobby as his chief recreational Electric cooperative as a general of pursuit and eventually, develop it infice worker assigned to handling work to his vocation as a commercial ar-

> Before entering the Navy, Dave worked at the Western Cartridge

First Co-op Electrical

#### partment of Agriculture, Mr. Blackburn was assigned to the legal staff under Mr. Nicholson, and he made the move to St. Louis with the agency back in 1942. In August, 1943, Mr. Blackburn

assigned to legal work with the Commodity Credit Corporation, and later to the Farm Security Corporation. He was serving as Assistant Solicitor to FSA at the time of his recent appointment to the REA post.

was returned to Washington and was

**NEW MANAGR-**

(From Page One) ville, Tenn., will start work in the near future to build 100 miles of sine gle-phase line and 25 miles of three4 phase line. Seventeen miles will be converted from single to three-phase in order to furnish power to a number of oil well pumpers in the project area. Customarily, oil wells are pumped by internal combustion gines but experiments with electric power have proven so economical that more oil producers are switching over to it throughout the oil belt of central and southeastern Illinois.

**Appliance On Market** Manager Crawford was for 29 years with Missouri Power and Light. An electric water heater is the Company and at the time of his resige first co-op appliance presented to nation, was district manager at Cline consumers. Sold by National Coopton and New London, Missouri. At eratives, Inc., shipments are being the time of his appointment as ma made to every regional cooperative. ager of the Clay county co-op, Crawa Production is in full swing and unless ford was procurement agent for the unexpected material shortages deelectrical department of the St. Louis velop, it will continue in increasing Shipbuilding company. Previously in volume output. The heater is the charge of right-of-ways and applicafirst in a series of new co-op housetions, C. D. McCommons had served as co-ordinator and acting superina appointment as manager.

## WRITE A LETTER AND EARN A DOLLAR!

Starting with the January issue and continuing for several months, the Illinois REA News will conduct a "Letters to the Editor" column and will pay one dollar (\$1.00) for every letter published. Letters must be from members of Illinois REA co-ops, (or a member of a co-op family), must not exceed 500 words, be written on one side of the paper only, and addressed to "Editor's Mail Box", Illinois REA News, Petersburg, Illinois.

Letters may be written on any subject and will be selected for publication on the basis of interest to other REA co-op members. They must bear the writer's name and address and the name of his co-op, but initials or an anonymous name will be used as a signature if indicated. Letters not appearing in print cannot be acknowledged and become the property of the Illinois REA News.

## **BUFFALO SELECTED-**

(From Page One)

committeemen for the Buffalo convention, permitting more time for DO NOT send reservations direct to committee meetings and floor discus- Buffalo hotels, or to the NRECA sion. The additional day will also permit more time to view exhibits and to participate in activtes incident to the conventon.

One of the activities will be a tour of the mammoth hydro development of the Hydro-Electric Commission of Toronto, at Ontario, Canada. Buffalo is a city of over a million population and the second largest railroad center in the country. Convenient transportation facilities also include airline and highway travel, via the Pennsylvania-Central and American Airlines, and the federal coastto-coast highway (No. 20).

Reservation Procedure

has been assured, with reservations

to be handled only through the Buffalo Convention Bureau, 602 Genessee Building, Buffalo, New York. It will be important that all delegates ctsion of the National's executive indicate the exact date of arrival and the type of accommodations desired. office in Washington.

## Senate Committee Rejects MVA Bill

The Missouri Valley Authority bill received an adverse report from the Senate Committee on Irrigation and Reclamation by a vote of 12 to 2. It now has to go before the Senate Committee on Agriculture and Forestry, where it is expected to get more favorable treatment. Previously, the proposed legislation had been Sufficient hotel space for delegates turned down by the Senate Commerce Committee.

## LARAMORE and DOUGLASS, Inc. **ENGINEERS**

Power Plants, Distribution and Transmission Lines STUDY SURVEYS SYSTEM 327 South LaSalle Street, Chicago 4, Illinois REA FIELD OFFICE-154 North Market Street, Paxton, Illinois

## LINEMEN OVERCOME-

(From Page One) children, Stephen, 3, and David, 9 months old, might have a fighting chance against the crippling disease.

After fighting mud ranging from ankle to waist deep, the poles were in place and the line connected by 4 o'clock on the second day. A heating pad was ready for instant use the minute the electricity was turned on and a vibrator and ulara-violet ray lamps soon augmented the pads to alleviate the suffering of the two youngsters.

Now that the Gaines family have electricity and can continue proper treatment of the two children, it is considered possible that serious permanent after-effects of the polio can be averted. The two victims of the dread disease had been treated in a hospital at Cape Girardeau but because it was over-crowded, nothing further could be done for them there.

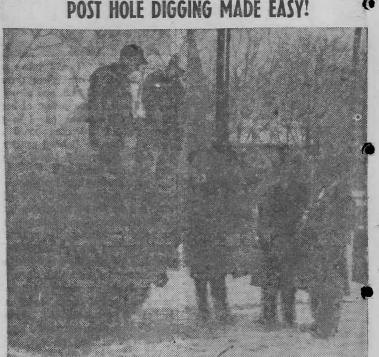
Permission to build the emergency extension was promptly granted by REA officials in St. Louis and Manager H. M. Zaricor of the Sikeston cooperative was able to get enough wire and hardware together to string the three-quarters of a mile line from the nearest energized co-op line.

Gaines signed up for cooperative service 10 months ago, before his two boys were stricken, but there were 1300 applications ahead of his and in the normal course of events he would not have been reached for several

## RADIO NOISE FILTER

Radio listening pleasure is being increased by a radio noise filter which eliminates static or buzzing in electrical equipment, making it possible to tune in a favorite program even aid of his electric razor. The new possible aboard the huge B-29

#### hold appliances, which include vacuum cleaners, refrigerators, home tendent from 1943 until Crawford's freezers, and milk coolers.



PUNCHING HOLES MADE SIMPLE! Construction of new lines will be greatly speeded up with the use of the new earth boring machine for setting poles shown above the day it arrived at the headquarters of Triwhen the man of the house is per- County Electric cooperative, Mt. Vernon. Pictured as they are about to forming facial contortions with the demonstrate how the new equipment works, N. H. Lovin, truck driver, and aid of his electric razor. The new Ralph Standerfer, lineman, put on a special show for Everett Brown, A. Egadget was developed during the field engineer of REA, Manager Herbert Downey, and Ed. Collier, REA war to make better radio reception perations division field engineer. Lovin and Standerfer accompanied Manager Downey to Edgerton, Wisconsin, to take delivery of the machine, going via Evansville, Indiana, to get the new truck on which it is mounted.

# With 109 Lights, Everything Electrical 'Old McDonald's Farm' Tribute To REA

## POWER MAKES PROFIT ENOUGH FROM INCREASE IN EGG PRODUCTION TO PAY ENTIRE COST

"You only live once, so enjoy fully Vernon, and what is more, he has nade it pay dividends.

One of the first farmers in Jefferson county to sign a membership in Tri-County Electric cooperative back in 1938 and one of the earliest to be connected with the newly energized the advent of central station power an altogether new life for himself buildings after his work is done. and Mrs. McDonald on their farm a few miles from Harmony, and he set out to make the greatest possible use buildings, and in the operation of the

Today there are 109 lights on the McDonald farm and every one of them serves a useful purpose. If counting the two Christmas lights suspended on a wreath in the window brings the total temporarily to 111, who is to say that they do not serve useful purpose in perpetuating the harming legend that they light the path of the Christ Child as he visits the homes of His own on the anniversary of His birth?

Making Kilowatts Work

For many years before he had the benefit of his REA cooperative power, McDonald worked around his farm on winter nights peering out into the darkness beyond the range of his erosene lantern or working in the Cellow glow of its rays as it hung from a nail in the barn or chicken house. Chores were slow going in those days, he recalls.

"I can't even see to work by lantern light anymore," he confeses, explaining that recently he returned after dark to finish a small job in the fields only to discover the great contrast between electric lights and the outmoded illumination of his lantern.

But McDonald has no use for a kerosene light on his farm now. He brings daylight working conditions to his entire barnyard with the flip of switches which turn on five yard lights stragtegically placed to brighten every essential part of the outbuildings and working area.

Wherever he steps into a building, what you have!" That is the motto there is a switch for lights located of Foster McDonald of Route 7, Mt. to illuminate every crevice and cranny of the interior whether it is the horse stalls, the hog pen, the feed boxes, the booders, the chicken house or the work shop.

another, McDonald can spap of switches behind him as he turns on line in 1939, McDonald recognized in more lights ahead so that he never needs to retrace steps to darken his

Makes Power Pay

Not alone lights, but bulbs of 150 to 200 watts are in each socket of electricity in his home, in the out- throughout his outbuildings to give a bright, working light where he needs

"My work goes twice as fast and there is less danger of an you're doing and get on with the job," McDonald explained in commenting on the large sized bulbs he had installed.

bulbs where less light or the factor of the proper time, starting his pig brooders, for instance, with 150-watt bulbs, then when the pigs are a little older and require less warmth, he reduces the bulb to a 100-watt and finally, as the pigs themselves generate more body heat and require less artificial warmth, he puts in small bulbs until the broooders are no longer

"I had 22 pigs from three ly lessen the possibility of the pigs and the brooders eliminate McDonald explained. "I can pay for a lot of electricity and still be money ahead when I use it to get 100 per cent returns on my

Profit from Poultry

As he moves along from one job to

accident when you can see what Of course, he uses a variety of

pointed out. In his pig brooders or his chicken brooders he changes bulbs at

sows last January and with lights and my two brooders, I saved them all. Lights in the pen greatsow lying or stepping on the any mortality due to the cold,"

But it is his egg production which



ALL NIGHT LIGHTS IN THE HEN HOUSE, electrically warmed drinking water and proper feeding has increased egg production to such an extent that profits from the increase alone pays for all the power Foster McDonald buys from Tri-County Electric cooperative at Mt. Vernon. Here McDonald is shown holding "the heat enters the picture, McDonald proof" of his daily winter egg production from his flock of Grade A-1 pullets.

chicks, a third of which he turns over lives on an adjoining farm and shares to sleep each night. the same REA transformer.

The remaining chicks he raises, culling them out to select his best lavers and roosters, and using the unproductive ones for the table, or sending them off to market.

This leaves him about 250 A-1 pullets which at six months, he puts in his hen house and never again lets them out on the ground. Following specifications from the College of Agriculture, McDonald built pit roosts and covered the concrete floor with a heavy layer of straw which he continuously covers with fresh litter. Only twice a year does he clean the chicken house compeltely.

Metal feed troughs with inch-wide flanges along the sides prevent the hens from wasting feed by throwing it out of the box and a metal cover which revolves if a hen attempts to roost on it, keeps the chickens from contaminating the feed.

Lights and Water

Using a discarded kitchen sing, Mc-Donald built a drinking water reservoir on a wooden frame with a wire grill through which the hens can reach the water but cannot get in or over it. The sinks rests on a flat water tepid in the coldest weather so that the hens drink a great deal more.

Six 15-watt bulbs illuminate the chicken house all night. The combination of constant feeding, warm water and all night lighting has increased egg production until the increase alone more than pays the entire monthly bill for all the power used on his farm, McDonald said. He averages 14 to 15 dozen large eggs a week right through the long nights and the cold weather.

Making a profit from the use of his REA power, McDonald believes in using it to the fullest extent everywhere on the farm and in the house.

In the large living room he has 13 lights including the overhead cluster. and outlets for his radio. The rooms throughout his house average five lights per room and he has them wherever they will serve a useful purpose. In addition to those on each

reflects the greatest profit from the (one he explains as belonging to Mrs. reserved exclusively for Mr. McDonuse of electricity, McDonald de- McDonald, the other as his own!) on ald. The many lights throughout the clared. Each year he buys 1000 both sides of the dressers and van- house were selected by Mrs. Mcities, he has one over the head of Donald and she has in her ultrato his father, J. S. McDonald, who his bed which he uses to read himself modern kitchen, the latest electric

"That's where I get all my reading 'In the morning, I wake up at 5 o'clock and snap on my bedside radio the farm editor of KMOX has to say,

**Everything Electrical** tricity on the McDonald farm are not

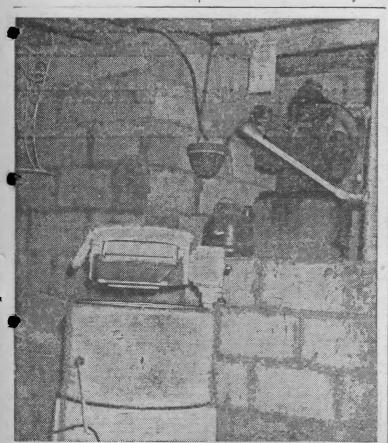
tion, her work is made easy by the done-in bed," McDonald grinned. help of an electric sweeper, iron, food mixer, toaster and sausage grinder, and whenever home-made ice cream and just lie there in luxury while I is on the menu, it is made in a freezer listen to the market and weather re-ports and hear what Charles Stooky, or! She too, enjoys a radio as she before I get up to start my day's works and benefits by the abundance

range and large refrigerator. In addi-

of hot and cold water from the electrie pump and pressure system in-But all the conveniences of elec- stalled in the basement. Even enter-(Turn to Page Sixteen)



EVEN HIS ICE CREAM FREEZER operates by electricity and Me-Donald puts it to frequent use, connecting the freezer by belt to a quarterhorsepower motor which also operates his grind-stone and emery wheel and side of his mirror in the bathroom, on being portable, is moved around to do many odd jobs on the farm. He is each side of his two ample kitchens, shown here putting his ice cream maker together to demonstrate it.



OUT OF THE WAY AND TROUBLE-FREE is the electric pump sich supplies the McDonald farm with water, 11 outlets of cold water and 9 for hot. Placed on a cement block poured at the time it was installed, the pump is bolted onto a heavy plank and operates without vibration or noise, yet is easily accessible for maintenance attention or repairs.

## **NEWS FROM** Southern Illinois Dongola, Ill.

GEORGE ENDICOTT, Mgr.

#### PLAN ANNUAL MEETING FOR FEBRUARY

The annual meeting for the Cooperative has been planned for the period between the first and fifteenth of February, 1946. The board is attempting to secure the Administrator, Claude R. Wickard as the main speaker. The date has not been set on the account of Mr. Wickard does not know just what day he will be available on.

It is to the interest of every member to plan on being present. This meeting is held in February so that the rush of farm work will permit the attendance of members at that time. A very interesting program has been planned and prizes will be offered for attendance, as well as drawing. A free box lunch will be served at noon. The notices of this meeting and cards for reservation will be sent out just as soon as the date has been definitely decided on. The meeting will be held at the Dongola High School Gymnasium, and we urge every member to plan on being present.

There are several important matters which are to come up and which will be sent out in the notices of the meeting. One of these is to be on the policy to be followed on the refunds for the appliances which the Cooperative plans on handling on their General Electric Franchise. The Cooperative has this franchise for a complete GE line in this area on the REA line and it is proposed by the board, that there be a reimbursement in the form of a patronage dividend to the members, on the money accumulated above the actual expense of delivery of these items to the Individual members.

From present indications and past experience, it seems that there will be approximately 20% dividend which can be paid back to the members on the saving which will be made possible by the merchandising of this equipment to members. This will be completed at the annual meeting, so that each member will know just what the policy will be and so that the board can follow the policy decided by the greater ammober of the members.

## NOMINATING COMMITTEE

The nominating committee was appointed at the board meeting held December 10 and consists of the following members: Massac County: Walter Arensman and Dewey Korte; Pulaski county: James Scruggs and Earl Helman; Union county- John J. Mees and W. R. Davie; Alexander county-Orris Mosby and Gerald Clutts.

Comments on the appointments of members of this committee and other appointments may be addressed to the Cooperative office.

## B-5 COMPLETION

Construction on the completion of the old B section is moving along as well as can be expected under the weather conditions we are encounterlng in this work. The lines on which work had been done by the contractor, that is, part of the poles set, can be completed and energized and also the A. S. Dale line. The extensions for Fayville; Dr. Ent place; Amos Jones; Tweente School; Vegie Brown, James McBride; C. Hornberger; M. Farris; G. E. Stuart: Oller-Enright; Peterson Estate; Sandusky; Sandy Ridge and Hodges Park, west, are complete and ready for the stringing of the conductor and the installation of transformers and service drop. It is hoped that there will be sufficient transformers arriving that these lines can be completed and energized before the first on these new books, please notify the of the year. Poles have been de- office, and if you failed to get a book, livered on all except two of the lines, please notify us accordingly.

and the balance of the Alto Pas line. They will be hauled out just as soon as a truck can be made available. The material situation is much more critical than it was during the war, but the transformers seem to be the only holder now. The factory has we can energize the lines as they become ready.

### C SECTION

The C section has been returned by the Engineer from his study and revision to bring it up to date. It is being submitted to REA for approval, in order that an allotment can be made which has already been set aside and preliminary work started after the first of the year. Just as soon as weather permits, the bids can be taken and the contract let for actual construction work if conditions permit going ahead on a favorable basis.

#### D SECTION

The Cooperative has again submitted to the local papers four weeks of advertising to get in additional members who desire to have electric service on the new section of line which has not been previously spotted by the Cooperative. It is true that everybody wants electricity, but they are not willing to sign up and do their part to make it possible to make plans until actual work has been started on the line. We are very sorry it is not possible to build line this way, but it will take signed applications to make it possible for REA to allot funds for these additional

The board was in hopes that we could get a 500-mile section of line for D section, so it could be added on to our C-section, or at least that the same contractor could go ahead on the D-section following the completion of the C which should be completed within ninety days after the contractor starts work on it. Providing material is available, this would make it possible for us to complete our C and D sections before the fall of 1946. We STRONG-LY RECOMMEND that you inform your interested and unsigned neighbors who do not have electric service to secure one of the local papers and fill in the coupon and send it to the office. Further details will be mailed upon receipt of these coupons.

## NEW BOOKS

The Cooperative is again reminding you that NEW BOOKS ARE BEING MAILED TO THE ENTIRE MEMBERSHIP DURING THE MONTH OF DECEMBER. These should reach you in time to submit your January 1st bill on the new books. Please note that new rate sheets have been printed. These sheets should simplify the figuring of your bills, and no member should experience any difficulty in obtaining the correct figures. Please, if there has been a change in tenancy, notify the Cooperative or if there is a ch your address. ALSO BARE IN MIND THE FACT THAT WE ARE NOT PERMITTED TO ACCEPT BUT ONE BILL A YEAR, THAT IS NOT AC-COMPANIED BY A METER READING SHEET, PROPER-LY FILLED IN. All bills are due on the 1st to the 10th, after which time a 10% penalty is added, and if they are not in the office by the 16th, they are subject to disconnection.

In checking discrepancy in accounts, we also note that many of the members are not keeping the stubs of their meter reading sheets properly recorded. Please remember it is important that these be filled in exactly as the sheet that is mailed to the office. It may assist you at a later date in finding a bill which we cannot locate here in the office. If there are any corrections or suggestions

### METER TESTING

During the last four months, Mr. Huff has been testing meters on our five year routine meter testing and we are finding that in practically every case where the Stewart Warner meters were installed, that there has promised partial shipments, so that been such a discrepancy, in the registration of these meters, that they are being replaced and in many cases rather than leave them on, the base is plugged until such time as a meter can be installed. These meters have been in operation approximately three years, and were a new development and experiment meter on which it did not work out for the betterment of either party. They have failed in most cases to register the juice used, and in many cases have not registered at all, which you can readily see has cost the Cooperative several dollars.

We wish to remind you here that if a meter check other than our routine check is desired, it will be necessary that a deposit of \$2.50 be made, and if the meter is found to be improperly registering, the \$2.50 will be refunded and the adjustment in the bill. However, if it is registering properly, the \$2.50 will be retained as the cost of the making the check.

CLEARING The clearing crew is getting ready to start out again shortly after the first of the year to attempt to clean up all of the line which has not been cleared up at this time. All of the line north of Route 146 in Union County has been cleared, and the boys are now burning brush which they piled and did not burn at the time they cleared this line.

John Hartline is back now and it is planned that he will start a small crew on doing the clearing and trimming on the state highway and the large trees requiring the use of the

#### REA EMPLOYEES

It is with a great deal of pleasure that we welcome back our former employees who have been in the armed service and are out again working with the Cooperative; Harold Hart and Leo Holcomb have been with us for about two months now. Tommy Reeves returned about the first of November and John Hartline has returned, and will start work the first of the year. Elmer "Bud" Koonce, the former bookkeeper has been discharged but will not return to work for the Cooperative, as he is operating a ranch in the state of Washington. Delbert "Peck" Penrod is also discharged, but will not return to work as it is our understanding he has several offers from commercial aviation for his services. This leaves only Ralph Lingle who at present is stationed at Manila. The boys all indicate they are very glad to be back on the REA work rather than where they have been, in various parts of the world in the armed service of the country.

MERCHANDISE FOR SALE In keeping with the board's policy of making available to members, merchandise which they are unable to obtain and that is hard to obtain, ve have on hand a supply of 5 and 71/2 horse power hammer mills and a limited supply of motors for the shape and in most cases we can operation of mills. We have a very limited supply of 1, 2 and 3 and 5 horse power motors, for resale to ing one of these should advise the members. The fractional horse power motors, that is, those under 1 H.P. are very dark at this time, and the indications are that there will be no receipt of these for several months. We have available several bench grinders, both in the 3/4 and 1/2 H.P. type and have the wheels mounted on each end which can be converted to one grinder wheel and 1 brush. We still have two of the fire extinguishers, which are available at a very nominal cost to the member. We also have a quantity of 18-in. bolt cutters which will take up to 3/8 material and are really a bargain, and every farm needs a couple pair of these.

## WATER PUMPS

plus war property and are in good of these items.

## **NEWS FROM** Rural Electric

Divernon, Ill. B. F. SNIVELY, Mgr.

CHRISTMAS AND NEW YEAR GREETINGS TO OUR COOPERATIVE MEMBERS!

It has come time to publish the news again. As this goes to press, we are struggling along trying to keep things in operation with the flu getting someone down about every day. Seriously, this flu epidemic that everyone is having is no joke. We are very short of help in the office and on the line and this flu can be a very serious thing, as we have found out. Nevertheless, we are glad to see anyone that wishes to discuss any of their problems and get their difficulties straightened out in regard to meter readings or payment of the same as they feel it necessary.

We, again, wish to thank all of the members of this Cooperative for the prompt payment of their current accounts, as at this writing, we do not have one past-due account. This is a greater help than any of you

In regard to reporting outages, call

Divernon 19 on the reverse and your call will be reported to the proper person that is on duty at the time the call comes. From 8 A. M. to 5 P. M., Monday through Saturday, there will be someone in the office to take calls. From 5 P. M. to 8 A. M., the call will be shunted to the person on duty to take care of the calls. If your locations is such that you have been instructed to call some person in your locality to report trouble to the office, be sure to call that person, instead of calling directly into the office and if your neighbors are out of lights and you do call the office and your reverse call is refused, you will know that it has already been reported and is being taken care of. By handling it this way, we will cut down at least 50 per cent of the cost of reporting outages. If there are any of you members that do not have a satisfactory way of reporting your outages to this office, if you will write to us, we will help make arrangements so that you will be able to report your outages in a very efficient manner in the future.

Mr. Manford White is back with us as Bookkeeper and Assistant Manager. We are all mighty glad to have Manford back out of the armed forces and back in the office with us and all extend a hearty welcome to Mr. and Mrs. White.

Mr. A. T. Ford is our new house wiring inspector, who has just been approved and authorized by REA. He will be around on inspection of all of the houses that have been wired in the last year and a half and have not, up to this date, been inspected. He will be able to discuss any wiring problems that you might have and also about any electric appliances that

secure the motors for them, as well as the accessory parts. Any one desirco-op office.

## WIRING

Due to the uncertainty in delivery of certain types of wire, the wiremen are being compelled at the present time to use some of the surplus war property material and necessarily have to increase the cost of their installations.

However, we are sure the members understand that the increase prices in freight as well as material, necessitate the increasing of installation prices.

## REFRIGERATORS - RANGES The Cooperative this month, was

fortunate to receive three refrigerators and one range, which are on display at the office. Please do not fail to We still have a supply of shallow leave your name on our want-list and deep well pumps which are sur- if you are desirous of purchasing any

you expect to purchase. Mr. Ford is acting as house wiring inspector and electrification advisor.

A word in regard to the hazards of trying to replace transformer fuses that have been blown by lightning or other causes: Under no circumstances should you try at any time to replace or close a transformer cut-out or open fuse, after the fuse has blown and the cut-out door has fallen open. Nearly every week, we get reports from some REA project in the United States where some unauthorized person has attempted to reclose the cutout after the fuse has blown. They couldn't wait until the boys got there to take care of the trouble and replace the fuse in the proper manner. All trouble crews are thoroughly educated and have all of the tested and authorized equipment that is necessary to handle these lines hot. In most cases on these reports, the person attempting to make such repairs was either electrocuted or so badly burned that they were crippled for life. Please keep this in mind and do not attempt to make unauthorized repairs to any line at any time but report it to Divernon 19 on the reverse.

Mr. Harold Weller, our plant inventory engineer, is just completing the plant inventory for the project and will be working on area coverage and pre-allotment mapping of the second pre-allotment of approximately, 250 miles. This, of course, will not be in operation until some time after next July. We have been allotted \$185 .-000 on the first pre-allotment which has been approved and the REA engineers are preparing the specifications for the letting of the contract. Your maintenance and operations divisions are still working away at new connections and are very slow at this time as most of the boys have been down with the flu.

Mr. Robert Swaggert, President of the M.J.M. Co-op and also President of the State Wide Association, and Mr. A. C. Barnes, Manager of the M.J.M. Co-op, called on this office Tuesday, December 11. We discussed quite a few items about the Managers' Association Meeting that was held in Decatur last month, which your Manager did not attend.

Mr. Fred Harms, President of this Co-op, Mr. George Simon, Vice-President of this Co-op, were here with Mr. Davis, the contractor, and went over the plans and specifications for the new vault and the amounts of materials required. We expect to get under construction in a very short time. We have purchased the vault door and have it in the store-room.

We wish to thank Mr. Fred Rich. Morrisonville, who is one of our very good members, for the good work he did in reporting a C-4 Cor ner, 3 phase pole on our No. 3 line on fire at midnight, Saturday, December 1. This enabled the boys to get down and get ahold of the fire extinguishers and get the fire out before all of the wires came down. They, also gave us some very good assistance in rebuilding and replacing this pole on Sunday, December 2. The Board of Directors and members of your Cooperative extend their thank to you Mr. Rich for the good work you did.

We wish to thank Mr. Gerald Mc-Callum for the report on the good service that you have received the past year. These kind of reports are very gratifying to your Board of Directors and employees.

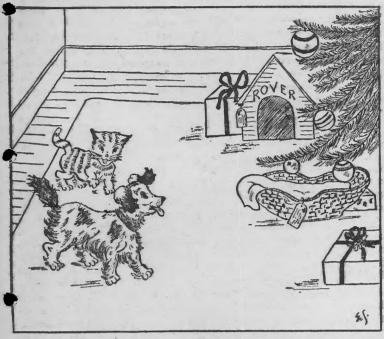
November Operating Report Number of miles energized ... Kilowatts purchased ... Kilowatts sold ... 210.941 23,23% Tine loss Density per mile .... Revenue per mile .... Average bill ..... Average kilowatt consumption 102.54 Minimum bill .... \$4.80

## FARM TANK DE-ICERS

Electric de-icers for livestock wa tanks are on the market. They insure a constant supply of drinking water for livestock, even at temperatures far below freezing.



## Rover and Flossie Learn to Forgive And Have Merriest Christmas Ever



Suddenly they both stopped short. What do you think they saw? A big, beautiful dog house and a cute little red and white checkered basket.

You could tell it was just before Christmas at the Douglas farm. Especially if you spent any time at all m the house as Rover, the dog, and Flossie, the cat, did.

As they lay on the rug in front of the stove or in the corner or curled up in the big chair in the living room they watched Mrs. Douglas hustle and bustle around the kitchen, mixing batters and dough and baking cookies of every design and color. How good they smelled when she took them out of the oven. And how tempting they

At four o'clock · Rover and Flossie new that it was time for school to let out. In a little while Jimmy and Janey would be home. They listened mas toys and baking; and Farmer for the sound of children's voices Douglas was busy with his farm shouting gaily as they came down the

"Here come Jimmy and Janey," exclaimed Rover. And he ran to the door wagging his tail as hard as he could.

"I'm so glad they're coming home," shouted Flossie as she jumped off the window sill purring loudly.

The door opened and in rushed Jimmy and Janey, swinging their lunch boxes in one hand and their school paws Rover thought and thought. bags in the other, bringing with them Suddenly he jumped up and exclaima gust of cold air and a flurry of ed, "I've got it! I know what we will snow. "Bow, wow, wow," barked do." Rover as he leaped up at Jimmy, licking his face. "Meow, meow," purred lossie as she rubbed her soft fur against Janey's legs.

"Hello, Mom, Hello, Dad," shouted both children at once. "Guess what? We just got a new piece to learn for the Christmas play at school," and they pushed Rover and Flossie away from them and said, "Go lie down in ed Rover. the parlor. We're too busy to play with you."

Yes, you could tell it was Christmas time. And Rover and Flossie were not sure that they liked it. Oh. yes, the holly wreaths looked very pretty in the window. And the little lighted fir tree on the front lawn was admired by everyone who went past. Everybody seemed so happy and the way they are treating us?" anfriendly to each other and people laughed more than they ever did be-

But Rover and Flossie were not happy. Nobody paid any attention to them. They were always in the way and they had to be careful or they

would have their paws stepped on.

"I wonder if we did something wrong," mourned Flossie one evening. 'No one seems to love us any more. I've always tried to be good and I've caught all the mice around the house and barn. And you always helped Jimmy get the cows in the summer time and you watched the chickens and guarded the farm. Why does everyone treat us so mean?"

"It's just because they are so busy," replied Rover. And he was right. Jimmy and Janey were busy learning their Christmas pieces and making Christmas cards for all their friends; Mrs. Douglas was busy sewing Christ-

"Well, I don't care," complained Flossie. "It just isn't fair that they should ignore us so. Even if they are busy! I think we should teach them a lesson. I wonder what we could do to make them sorry for the way they're treating us."

"I agree with you, Flossie. We should teach them a lesson. Let me think." And resting his head on his

What?" questioned Flossie.

"We'll fix them. On Christmas morning we will get up early. So early that all the Douglases will still be sound asleep. We will go into the parlor where the Christmas tree will be set up with all the tinsel and lights and ornaments and all the gifts will be arranged so neatly beneath it

"No, what?" asked Flossie.

"We'll mess up the whole room. Scatter the presents all over the floor. We could even hide some of them. Maybe we could knock the tree over

"Oh, Rover. That would be mean," interrupted Flossie.

"Sure it would. But do you like swered Rover irritated. "And anyway, it was your idea to get even with them. That would surely teach them a lesson."

"You're right, Rover," Flossie agreed. "We'll do just that."

So the days passed and soon it was

Christmas eve. Jimmy and Janey went to bed early because they knew that Santa Claus was going to visit their home that evening. And Rover and Flossie went to sleep early, too. so they could wake up Christmas morning to carry out their plan.

True to their word they woke up before dawn and crept silently into the parlor. Just as they expected, there was the Christmas tree-oh, so lovely! And beneath it were many, many wonderful gifts.

Just as they entered the room, Flossie whispered, "Isn't it gorgeous?"

"Don't back out now," retorted Rover. "Come on, let's go."

"Okay," answered Flossie.

Then suddenly, they both stopped short. What do you think they saw? Right before their eyes was a big, beautiful dog house, painted bright green with "ROVER" printed above the door in big white letters and on the card were these words, "Merry Christmas to my best friend, from

And right next to it was the cutest red and white checkered basket with the softest little blanket you ever saw and the card with it said, "I love you, Flossie. Merry Christmas. Janey.'

"Oh, Rover!" "Oh, Flossie!" exclaimed Flossie and Rover at the very same time. "Aren't they grand!"

"Now I know why they were so busy," murmured Rover. "They were making these things for us.'

"Aren't you sorry we ever had such bad thoughts? Let's go back to sleep again and when Jimmy and Janey are up we'll come in and pretend that we don't know anything about this," suggested Flossie.

So that is exactly what they did. And just guess who had the merriest. merriest Christmas in the world. That's right. Farmer Douglas, Mrs. Douglas, Jimmy, Janey, Rover and

## Gleaming White Dickeys Are Thrifty Fashion Aid

Dickeys are one of the most popular articles in the high school girl's wardrobe. They furnish the fashionwise way to give smart variety to sweaters, suits, and winter dresses. But to really add that touch of smartness to last year's sweater, the dickeys

must look hand-box fresh. Keeping your dickeys neat and fresh is a job which will give you teen-agers a great deal of pride. Wash them by hand and dissolve blu- eyes. My birthday is on April 5. ing flakes along with your soap automatically as you wash insures against streaks and eliminates the need for a separate bluing. Follow with two clear rinses as you do for your other dainties. And of course,

starch those that are starchable. Ironing is the job you hate, you ay, especially if there are frills and and you know what we will do?" ask- ruffles. Iron ruffles first along of the iron into the gathers. With a little practice you'll be able to do it as well as Mother, and what a thrill you'll get out of wearing a geaming, neat dickey that is that way just because of you!

Frozen Cranberries

Fresh cranberries for spring and summer meals will be more than just wishful thinking if you freeze them now while they are still on the market. Just clean the berries, removing stems and discarding any with rup is needed.

# Pen Pals

Merry Christmas, Pen Pals! Merry Christmas, Pen Pals!

This is your newest Pen Pal greeting all you REA boys and girls with "let's get-acquainted" invitation. Yes, it's Joan Cameron, your new Junior News editor, asking each and every one of you Pen Pals to write me a letter so we can get to know each other.

Madison now. When I was a little Illinois. girl I helped my family with the farm work. I attended a little red oneroom country school for eight grades. We had electricity both at school and at home, so I know how much REA means to you.

Now that I have written my Pen Pal letter, I want to receive one from you. Send your letter to Joan Cameron, Junior News, Illinois REA News, Petersburg, Illinois. Tell all our Pen Pal friends how you spent your Christmas vacation, about your New Year's resolutions, your work,

Jane Has Three Bird Dogs

This is my first letter to the Junior News. I am 12 years old, 5 ft. 4 in.

one brother and no sisters. My hob- it I made mittens for the children's by is collecting movie star pictures. Christmas box. I used an old mitten I have three bird dogs and one cat.

seventh grade. So Pen Pals, please write.-Jane Ann Doak, R. R. 2,

#### Only One In Her Class

I am 13 years old and am in the eighth grade. I have red hair, bluegray eyes, and am about 5 feet, 2 in. tall. I am the only one in my class, so I get pretty lonesome.

I have written to three Pen Pals I will faithfully answer all letters.

Merry Christmas, Pen Pals, and please, please write.-Audrey Callahan, R. R. 1, Macomb, Ill.

## Jane Is Stone Collector

read all issues of the REA News.

My birthday is Feb. 13. I am 14 looking like new! years old and am a freshman at Normal Community High School. My hobby is collecting stones, which I enjoy very much.

I will answer all letters, so please write.-Jane Buth, R. 1, Normal, Ill.

Betty Collects Movie Star Pictures I am 13 years old and in the eighth her one for Christmas? grade. I have brown hair and dark

to ride a bicycle. I will answer all letters from boys and girls.-Betty Norton, R. R. 1, Colfox, Ill.

Aileen Will Answer All Letters

I am 10 years old and in the fifth grade. I have light brown hair and blue eyes. My birthday is August 25. I go to a country school. I like straight edgese, then edge the point school. I like to read, ride horses, and ride a bicycle.

I have two sisters and one brother. I would like to have some Pen Pals, The keyboard is cut from the top so please write to me boys and girls. I will answer your letters.—Aileen R. Freeland, Keenes, Ill.

## NEW ROLE FOR RAY LAMP

Heavy cream prepared by a new method utilizing a germicidal lamp, will stay fresh at room temperatures for more than a year.

Average vitamin A value of creambruises. Rinse in clear water, drain, ery butter produced in the U. S. is Remember that for safety all homeand fill container. No sugar or sy more than 15,000 International Units canned vegetables must be boiled at per pound.

Clever Things To Do By REA Women

Here are some more helpful hints for lunch box packing and favorite recipes from some of our Wisconsin REA women passed along to our other readers.

Let's have a Switch Clicker idea from you-a favorite recipe or household hint. Include them in your pat-My home is on a 120-acre dairy tern requests or send to Joan Camfarm in Wisconsin, though I live in eron, Illinois REA News, Petersburg,

> If you will put on a pair of gloves before putting on or taking off those hard-to-get stockings, it will save many snags from rough fingers or

#### Baked Sweet Potatoes

Boil until tender, peel and quarter, place in a greased shallow baking dish and spread over the top butter and brown sugar or red syrup, to save sugar. Sprinkle any kind of nuts or peanut butter if you have no nuts. Bake until light brown Irs. your play, yourself . . . How 'bout it? Herbert Davis, Olmsted, Ill. Southern Illinois Electric Cooperative.

#### Leather Mittens

I took an old soft leather coat of tall and have blonde hair and blue my sons which was worn too much to be of service. Turned inside out the I live on a 440 acre farm. I have leather looked like new suede. From ripped up for a pattern. A warm I would like boys and girls about lining and cuffs, either knit or dark my age to write me. I am in the wide elastic, make the mittens as nice as any you can buy. I make four pairs from one old coat.-Mrs. Ray Hardesty, R. 4. Bloomington, Ill., Corn Belt Electric Cooperative.

## Frame Holly Wreaths With Fresh Curtains

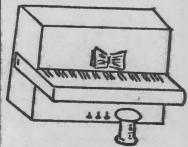
Be sure your window curtains are fresh and clean before you hang up your holly wreaths for Christmas. A previously and have not received a special laundering will do the trick letter. Two of them I wrote last year. and it isn't much trouble even amidst So will someone please write to me. the hustle and bustle of these busy pre-season days. A time-saving. wory-saving trick is eliminating a special bluing rinse by using bluing right in the wash water.

Give your curtains two clear water rinses. By adding a specially pre-I am 5 ft. 2 in. tall, weigh 102 lbs., pared wax-like product to the starch and have light brown hair and gray you can prevent sticking and pulling eyes. I live on a 170 acre farm. I when you iron. And, presto, your curtains are back on the windows

## DOLL PIANO

Does your dolly have a piano? Your doll house is not complete without a piano, you know, so if she doesn't have one, why don't you give

You can make a doll piano in a jiffy. All you need is a candy box, My hobby is collecting movie star some glue or staples, a spool, and flakes. This little trick of bluing pictures. I have two brothers. I like paint or crayons. The upright part



of the piano is made from the box. of the box and can be fastened to the upright part of the piano with glue or staples.

With your paint or crayons draw the music, pedals and black keys. You can paint the spool a bright color and there it is-a gift as nice as any dolly could want.

Are you starting on your wellstocked cellar of home-canned goods? least 10 minutes before tasting.

# Electricity For Farm and Home

# Your New Farm Home

Whether Building or Remodeling You Will Want or remodeling, ask your County Agent A House That Is Livable and Workable

KEY TO LAUNDRY ARRANGEMENT

1. CLOTHES CHUTE 2. CABINET FOR SUPPLIES 3. STORAGE CLOSET

Kitchen Planning The kitchen is the woman's domain and must be laid out to allow

her greatest efficiency in her housewifely activities. Proper arrange-

ment of stove, refrigerator, sink, cabi-

nets, and table are essential. It will

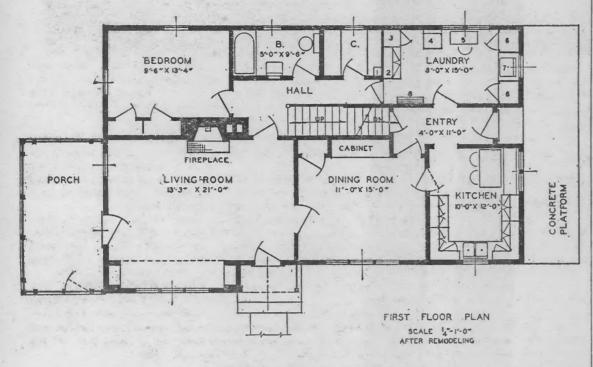
Good lighting is of extreme importance. This applies to all rooms. Plenty of windows to allow natural light to enter and plenty of artificial lights for dark days and evenings make a

Utility Room A laundry or utility room is feature of new farm homes that should not be overlooked. It is one of the most handy and most used rooms in the house. Besides containing the laundry facilities, it provides a sink and perhaps a shower, closet, cabinet, and deep freezing unit if the family has one. This saves trudging up and down basement stairs many

save her many steps.

home more livable.

6 RACKS 4. WASHING MACHINE

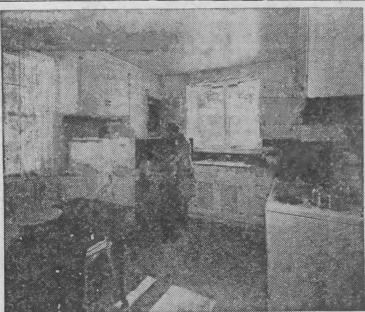


### REMODELED FARM HOUSE

Floor plans for remodeled farm house prepared by Max LaRock, agricultural engineer, University of Wisconsin,

Building a new home or remodeling your old one? You've probably been thinking about one or the othas building materials become available or maybe it's a dream that you up or down the stairs.

Or the housewife can go directly to the fireplace in the living room with the kitchen from the entry. The same | bookcases in the wall on either side principle applies to anyone going and a davenport in front of the winer. Maybe you plan to start as soon from the living room, bedroom, or dow adds a gracious air of coziness dining room to the bathroom or either to the room.



A well planned kitchen is economical, convenient, and charming.

plan to fulfill when your war bonds come due.

At any rate, you know that good planning is essential to a good job. And Max LaRock, agricultural engineer at the University of Wisconsin, wants to help you. He has designed plans for three new and seven remodeled farm homes. The purpose of these plans is to serve as a guide for farmers and they have been used at various demonstrations given by Mr. LaRock throughout the state.

The accompanying illustrations are those of a remodeled farm house on the Dave Slinger farm, near Randolph, Wisconsin. The plans were made by Mr. LaRock and carried out just before the war.

Above all, the farm house must be arranged for convenience and practicability. These features are well exemplified in this house. A farmer entering the house from the back can go directly into the laundry to clean up, and from there either to the bathroom, dining room, or living room

times a day. Almost any farm house can be re-A well laid out house will allow modeled to include these features. plenty of room without being unduly And it need not be very costly. The large. Proper arrangement of fur- trick is simply this-study carefully nishings will give that effect. In the the present set-up and plan with Slinger house the little nook opposite painstaking efforts the changes that



An attractive exterior adds beauty to the farmstead and is an indication without treking through the kitchen. of what you may expect on the inside.

will be necessary to give you the house you want.

County Agent Can Help

If you are contemplating building for advice. Chances are he has Mr. LaRock's plans in his office which will serve as a guide though you may have to alter them somewhat to fit your individual needs.

If he doesn't possess these plans, he may secure them from the Agricultural Extension Division of the University of Wisconsin for a small fee. They are well worth it for they may help you and other farmers build the kind of home you want and deserve.

## Christian Co-ops Hope of Japan, Entire World

"More cooperatives" is the answer offered by Toyohiko Kagawa, Japan ese Christian, to a question as to what Japan's future foreign policy should be.

Kagawa stated that before the seizure of cooperatives by the government during the war seven million Japanese were members, including five million farm families.

"Christian cooperatives must be the foundation not only of Japan, but of the entire world," he said. Credited with having done more for social reform in Japan than any other man, Kagawa is quoted as saying that a basic cause of the war was widespread American racial discrimination, particularly as directed against Japanese and other Asiatic races.

## Consumer Co-ops **Push Ahead Into Production Fields**

Consumer cooperatives in the United States and Canada affiliated with National Cooperatives, Inc., and the Cooperative League own and operate 158 mills, factories, and refinerles, plus 1,664 miles of pipe-line and 429 oil wells. Goods produced in thes plants totaled \$65 million in 1944, according to the Bureau of Labor Statistics.

Consumer co-ops have gone further in the farm supply field than in any other activity. They own and operate 11 fertilizer factories, 18 feed mills, 8 soybean processing plants, 7 insecticide and fungicide and dust manufacturing plants and 39 chick

Farm Machinery

In the field of farm machinery coops own a milking machine, tractor, farm implements, and corn picker factory. They also own and operate 2 flour mills, 2 coffee roasteries, 2 canneries, 7 bakeries and 8 miscellaneous food processing plants, including a bottling works, sausage factory, dairies, slaughter house and packing plant in the field of food production.

Other production units include 5 printing plants, 6 saw mills, 2 paint factories, 4 coal mines, a chemical products laboratory, hot water heater factory, serum factory, grease factory, 2 alfalfa dehydrators, and a prefabricated housing plant.

## Bossie and Farmer Get a Break As 1 Stock Tank Troubles Are Thwarted

By IRA MILLER
Farm Electrification Bureau

With old King Winter moving into the feed lots and barnyards, farmers are again beginning to worry about the annual problem of keeping ice from coat-

ing the surface of their stock tanks.

They know that if a dairy cow is to maintain top milk production and economical gains maintained on beef cattle and hogs, an adequate year-roun



COME SNOW AND ICE-Bossie goes right on drinking.

water supply is essential. Stock tank heaters burning coal, wood, fuel oil, kerosene and, in some cases, gas have been tried with indifferent results now electricity will have a go at this winter chore.

In tackling the problem it is well to know that experiments at Purdue University disclose two basic principles to low-cost operation of an elec-tric stock tank heater: 1—There is no be kept sufficiently ice-free so the animals can drink. 2—Water under pressure eliminates the pressure eliminates the pressure state water necessary.

Among newly developed electric stock tank heaters, operating at low cost, is a device which is deviced by the developed electric stock tank heaters, operating at low cost, is a device which is deviced by the developed electric stock tank heaters, operating at low cost, is a device which is developed. large capacity storage tanks, making smaller, easier insulated tanks feasible. Smaller tanks, having a minimum of exposed water surface, permit less surface neat radiation than larger tanks.

As for electricity being equal to the tank heater challenge, Ohio State
University specialists have this to
say: "There is no question about
electricity being able to do the job." labor-saving devices for farm use.

These findings: That warm water and large capacity tanks are unnecessary, and that electricity is equal to the task at hand, have opened the way for the development of electric stock tank heaters which cost only a few cents a day to operate. Heaters, with wattages rated low as 300, are capable of keeping ice-free holes open for stock to drink

float on the surface of the water. It consists of a hollow metal disk, encircled by a heating element and containing a thermostat. Tests show that it can keep a drinking hole open even when the temperature drops far below zero. With agricultural engineers and manufacturers work together on a practical basis, stock

## REA TRANSFORMER MAY "TRANSFORM" WAY OF LIFE FOR NEW CO-OP FAMILY

## Electricity Will Make It Possible To Develop A Brooder Plant on Farm

A new transformer hung this month on the yard pole of his farm near Chatham may transform the whole way of life for R. B. McDonald and his family and become the symbol for an entirely new future.

That is the way McDonald feels about it and his cheerful helpfulness to the line crew of Rural Electric venience cooperative of Divernon gave ample evidence of his willingness to be a truly cooperative member of his co-op in completing a less benefits of electricity to the McDonald farmstead.

It was nearly two years ago that Mr. and Mrs. McDonald and their two boys, Eugene, 14, and Jerry, 10 moved to their present location Route 1, Chatham, after Mc-Donald had worked for several years as a highway commissioner out of Garrett and as an employee in the Kaiser shipyards on the West Coast Plant near Illiopolis. They had long dreamed of living on a farm where they could make a living for themselves and the two boys, and to plan now," McDonald explained proudly. for the future so that Gene and Jerry

The proposed broiler plant on the could carry on after their parents McDonald farm will be equipped with were ready to retire.

"It may seem like a long-time planning program, and perhaps our dreams may not be realized, but with the coming of the REA power line, we will be the first big step in the direction we want to go," McDonald explained.

### Plan Family Business

was while he was working at the Ordnance Plant that McDonald became aware of the tremendous demand for fully dressed broilers and chickens and the idea was born to engage in the broiler business as a family enterprise.

Starting off with a limited number of chickens, McDonald confined himself to raising breeding stock and themselves, McDonald envisions. learned a good deal about the poultrabusiness in the process.

When the McDonalds moved to for electricity and to lay plans for but they plan extensive alterations half-broiler at her restaurant and her

before even their wiring can be com-

'Our dreams have grown around the idea of having a broiler plant with a capacity of 1000 chickens a week. We plan to do the entire job from raising the chickens clear through to marketing our own produce in the city markets, probably Chicago," McDonald outlined.

### Electricity First Step

Without electricity, the plans of the McDonald family were nothing more than dreams; now that they have electricity from the Divernon cooperative, they can go ahead with their long-range program for economic security, a better way of living, and the development of a family bus-1000-foot extension to bring the limit- iness which ultimately will be taken over by Gene and Jerry.

"Both boys are enthusiastic about raising poultry and Gene will start next year as a member of the 4-H Club at Auburn school and his project will be chicken raising. As Jerry gets older, he'll take a more active part in the work, but right now he spends his after school time running his trap lines where he picks up a sizeable number of wild game. Gene and later at the Sagamon Ordnance has a trap line too, of course, but as he gets more and more involved in his chicken project, I imagine he'll mittee will be awarded to the pupils find less time for it than he has

> The proposed broiler plant on the all the latest electrical equipment for raising chickens from brooders to chicken pickers, and the capacity production of 1000 broilers a week will be ready to prepare and serve. They will be quick-frozen and stored in a huge cooler to await delivery.

#### To Raise Own Feed

With sufficient land for crops, Mc-Donald feels that a great proportion of feed required can be raised on the farm, augmented by commercial preparations and some commercial feed, if necessary. As the boys grow older, Divernon co-op. they will take an active part in the field work and help in the complete operations of the broiler plant, eventually taking it over and running it

"Raising broilers is something of a science," McDonald declared. "Just the other day a woman stopped here their present farmstead, they prompt- to see if we could sell her some ly arranged to have the house wired chickens and she wanted them exactly two pounds, no more and no eventually wiring the outbuildings, less. This was because she serves a



DULL GREY DAYS such as the one when this picture was taken of R. B. McDonald, Route 1, Chatham, (left) and George Smith, groundman for Rural Electric co-op at Divernon, will have little affect now that the Mc-Donalds have electricity with which to brighten their home and farm and to ser as the foundation for a brooder business which they plan to develop. Holding the transformer "gin" preparatory to swinging a transformer to the top of the pole, McDonald predicted that it may "transform" the whole way of life for his family and himself by making electricity available for his brooder plant.

## FIRST IN MENARD COUNTY BOND DRIVE



PLEASED WITH THE RESULTS of their bond selling campaign these pupils of Munger School near Tallula, are gathered around the desk of their teacher. Mrs. Helen Nichols, as she adds the figures which disclosed that they had greatly exceeded their quota of "E" Bond sales to be the first school in Menard county to reach the goal assigned by the War Finance Committee. From left to right: Ralph Sapp, Chester Masten, Ada Powell, Mrs. Nichols, Eugene Powell, Marilyn Powell and Kenneth Stiltz.

## Sales Of Over \$1,2000 sales in the current Victory Loan Made By Pupils In Single Morning

be issued by the War Finance Comfor being the first school in Menard county to reach its quota of "E" Bond the day.

Drive.

With an assigned quota of \$750, the seven pupils, encouraged by their teacher, Mrs. Helen Nichols, made paign officially ends. a thorough neighborhood canvass and A distinguished service citation to in one morning, secured signed pledges for \$1256.25 worth of Victory "E" Bonds. As a reward for their of Munger School, east of Tallula, diligent and successful efforts, school was dismissed for the remainder of

In addition to the citation to be given to the school, a cash award will be made to the three pupils who sell the most "E" Bonds before the cam-

Those who took part in the bondselling campaign are: Nancy Zillion, Eugene Powell, Chester Lee Masten, Marilyn June Powell, Ralph Sapp, Ada Powell and Kenneth Stiltz.

Munger School is served by Menard Electric cooperative, Petersburg.

chicken for each serving. If she buys broilers weighing less, she cheats her customers; if she buys them heavier than two pounds, she cheats herself. We hope to be able to furnish broilers to specifications once we get our plant going," McDonald explained.

With a lifetime of plans for his family depending upon the service furnished by his REA cooperative, it is not surprising that McDonald is an enthusiastic new member of the

## **NEWS FROM** Menard

Petersburg, III. A. E. BECKER, Mgr.

SINCERE SEASON'S GREETINGS TO ALL MEMBERS. THEIR FAMILIES AND OUR FRIENDS. (Signed) MENARD ELECTRIC COOPERATIVE BOARD OF

WE START A NEW YEAR Dear Members

The Menard Electric Cooperative vital personal interest. It is your Co-op just as your farm is your own. you and your neighbor and the inconstructive suggestion and every new member you secure aid toward building for a permanent and successful business in which you have a definite responsibility. 1946 promises to be a banner year for your Cooperative. Construction should move along at good speed once material and manpower facilities are again coordinated.

The pioneers who had the interest and success of your Cooperative at heart did their work well. It is a moral obligation for every member to see that their work continues till every unelectrified farm in reach of our distribution system does receive REA service.

Your suggestions and comments are always appreciated and we welcome them. Let us make 1946 a banner year for the Cooperative. It can be done with your cooperation and help. Sincerely yours,

(Signed) A. E. Becker, Manager

## AL HINRICHS RETURNS

Albert L. Hinrichs has returned from the war to resume his duties as clude: Nancy Zillion, Eugene Powell,

prices are adjusted to a pound of Line Foreman. Al has been away nearly 31/2 years, during which time as a member of the U.S. Army Signal Corps he served in the European Theatre of War. He attained the rank of Staff Sergeant during his service with the U.S. Armed Forces.

During the time Mr. Hinrichs was away Harry A. Houseworth served as Line Foreman. "Buzz" accepted the responsibility to direct the work of keeping continuity of service to your farmsteads and the extension of additional lines where possible. He did his work well. Mr. Houseworth will now supervise securing necessary right-of-way agreements in connection with new extensions and post-war building of new lines.

## RE-INSPECTION OF PREMISES

At a regular meeting of your Board of Directors held March 8, 1945, a resolution was passed authorizing the charge of \$1.00 for a re-inspection of all farmsteads connected to existing Menard Electric Cooperative lines. A notice to this effect was included DIRECTORS and EMPLOYEES in the REA News. This re-inspection has met with the hearty approval of the majority of our membership. It has been welcomed by the thinking member who realizes that UNSAFE other poultry raisers who have found is a business in which you have a wiring is dangerous. The nominal it pays dividends to have a small light fee of \$1.00 is a VERY LOW FEE to pay for the assurance that the wir-Its success and growth depends on ing is safe or IF NOT, the opportunity of learning so and have it correct-

both show in its development. Each Members are cordially requested to with remittance, cooperate with Wiring Inspector Harold Hedgecock and assist him by advising him of any new wiring, which is subject to inspection. The fee of \$1.00 is payable even though a member refuses to have a re-inspection made, as the Inspector was authorized to make the trip.

Members of your Board of Directors are all practical farmers; decisions which they are called upon to make are for the best of interests of all members.

### NEWS ABOUT YOUR **NEIGHBORS**

The Munger School, Tallula, taught by Mrs. Helen Nichols was the rfist school in Menard County to make its quota in the County School Victory 'E" Bond drive. The assigned quota was \$750.00-amount sold \$1256.25.

This school is served by your Cooperative. The teacher and parents of the pupils attending the school are members of the Cooperative. Pupils attending the Munger School in-

Chester Lee Masten, Marilyn June Powell, Ralph Sapp, Ada Powell, Kenneth Stiltz.

Pascal Allen, Green Valley reports that he has purchased a Freezer Unit for Food Storage. Mr. Allen has been interested in this type of equipment for several years. He is a real advocate for REA service and uses electricity to good advantage on and about the farm.

An electric pump installed near a deep well supplies water to several feeding pens and hog sheds, through an underground pipe system.

A portable three horse power motor is used to grind feed; it also serves to operate a grain elevator. An electric water heater in the basement. supplies adequate hot water for all needs. Other electrical equipment at the Allen farmstead includes a refrigerator, range, small appliances and several radios.

Mr. Allen has cooperated in pioneering for new members and bringing the story of REA service to his community.

Mrs. Elza Stevens, Middletown wishes to add her endorsement to burning all night in the poultry house.

"It Costs to Forget" a notation on a recent light bill stub, returned late, terest and cooperation which you ed, in time to prevent a serious fire. the forfeited discount being included

> This slogan can well be applied to every member who fails to send their remittance before their final discount

STATEMENT OF THE OWNERSHIP MANAGEMENT, ETC., REQUIRED BY THE ACTS OF CONGRESS OF AUGUST 24, 1912, AND MARCH 3, 1933, of Illinois REA News, published monthly at Madison, Wisconsin, for October 1, 1945.

ly at Madison, Wisconsin, for October 1, 1945.

State of Wisconsin, County of Dane, ss. Before me, a Notary Public in and for the State and county aforesaid, personally appeared H. M. Schermerhorn, who, having been duly sworn according to law, deposes and says that he is the Publications Manager of the Illinois REA News and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, to witt.

1. That the publisher is Wisconsin Electric Cooperative, Madison, Wisconsin, that the Editor is A. D. Mueller, Carbondale, Illinois; that the Publications Manager is H. M. Schermerhorn, Madison, Wisconsin.

dale, Illinois; that the Publications Manager is H. M. Schermerhorn, Madison, Wisconsin.

2. That the Owner is: Association of Illinois Electric Cooperatives, Petersburg, Illinois.

3. That the known bondholders owning or holding I per cent or more of total amount of bonds, mortgages, or other securities are: NONE.

H. M. SCHERMERHORN, Publications Manager.

Sworn to and subscribed before me this 9th day of October, 1945.

Elmo C. Cooper, Notary Public My commission expires Nov. 3, 1946.

## Hillsboro Broiler Plant Will Give Owner Chicken Dinners In Chicago

## Per Week Capacity In New Business

For years one of America's foremost popular orchestra leaders and currently a high official in Radio, Harold B. Stokes of Hillsboro, has long listed chicken dinners as his favorite meal.

Now he has converted his farm near Hillsboro into a modern broiler plant with a capacity of 1000 chickens a week and expects to supply several restaurants and hotel dining rooms in Chicago so that when he leaves his desk in the American Broadcasting Company's studios, he can enjoy a succulent chicken raised on his own farm.

A member of M. J. M. Electric cooperative, Carlinville, Stokes and his partner in the broiler business, Seward Fisher, are making full use of electricity in the scientific raising of the broilers, starting with five rooms equipped with brooders to a large quick-freeze unit and a cooler for storing the fowl ready for shipment.

As the active partner and farm manager, Fisher is well qualified to deal with the complex problems of raising and preparing broilers for market. For sixteen years he was a feed dealer in Hillsboro as a partner in Fisher-Whitten Feed Company and he has long served as an adviser to farmers in the best methods for getting results with their flocks.

#### First Shipment Ready

On October 1, Fisher moved to the Stokes farm and shortly afterwards, bought the first 1000 chicks and started them in their way to brooder size in order to have the first shipment ready for the Christmas market. In subsequent weeks chicks were received in lots of 500 every other week and 1000 every other week, bringing in a total of 2000 a month.

In the modern, cement-block brooder plant, the principal source of heat is from a boiler operated with an electric stoker which keeps at uniform temperature the large heating pipes which traverse the entire building. In each of the brooder rooms two electric brooders, in tiers higher than a man's head, maintain an even temperature for the chicks.

An electric chicken-picker makes it possible for Oliver Hunt, Fisher's only 'help in operating the farm and broiler plant, to clean 300 chickens a day and still have time to attend to his other chores around the place. With the deep-freeze unit having a capacity of 300 and the large cooler, (five by eight feet with a nine-foot ceiling) also designed to hold 300 broilers, the plant can have that many ready for shipment in a comparatively short time. Each broiler is dressed "New York style" with the feet and head left on.

Stokes' familiarity with farm life dates back to his boyhood when he was born on a farm near Nokomis. his parents, Mr. and Mrs. A. H. Stokes, later moving to Hillsboro. In his position as production supervisor of the Blue Network of the American Broadcasting Company, he has charge, among other national hook-up programs, of "The National Farm and Home Hour," a favorite noon-time program of many farmers in Illinois. Other programs under his direction are "The Breakfast Club" featuring Don McNeill, "Backstage Wife," 'Jack Armstrong," and "Terry and the Pirates" the latter being a favorite of many of the men in the Armed Forces serving in the Pacific Theater.

Stokes was a member of Paul Whiteman's orchestra, playing piano and accordion, early in his career as an entertainer, later he formed his own orchestra and held high rating in popularity throughout the country. and from 1930 to 1934 he was musical director for the National Broadcasting Company, moving from that position Year!

Expect To Reach 1000 to become musical director for WGN-Chicago, where he remained until 1942. After a short period with Welding Pictures Corporation, a commercial film organization, he accepted his present assignment with ABC in

## With 109 Lights-

(From Page Eleven)

taining friends is simplified by getting out the electric corn-popper and turning out a dishpan full of the crispy kernels in a few minute's time. Of course, electric fans cool the

house in summer and electric fences on the McDonald farm keep the stock of registered Shorthorn cattle and registered Duroc pigs properly enclosed. Electricity, in fact, is the principal factor in the operation of the farm and the main source of the personal enjoyment and economic security of the McDonalds.

"I actually spend only about ten minutes a day taking care of my poultry and that includes gathering eggs every day and seeing that they have plenty of feed and water twice a week," McDonald estimated.

"I gain the greatest benefit from my electricity by putting my chickens and pigs to brood on the 20th of March, the day I read my meter, and using the brooders through until the 20th of April, when I read my meter again. In that 30-day period I get up into the low-rate bracket by using between 1100 and 1200 kilowatt hours and then my biggest single use of the power is over with for another year. The rest of the time my bill only runs between \$5 and \$7 a month."

Mrs. McDonald's lively sense of humor lends itself to having a good chuckle over the great interest her husband takes in his farm, even to including the one-way buzzer system which permits him to signal to her from the barn despite the playing of her radio or the noise of her electric sweeper, and she recently contributed the following gingle describing life on the McDonald farm:

Old McDonald had a farm, It wasn't very big. He had a rat And he had a cat, And he had a bow-legged pig.

He had no horses on this farm, But he had a bob-tailed mule, And with a cow He tried to plow

While sitting on a stool!

He had pink chickens that laid no eggs, And a green-eyed legless calf, T'will do no harm

To see this farm Come out and have a laugh!

(From Page One)

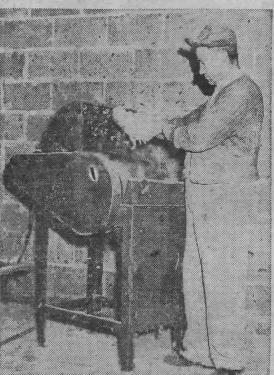
tion of his farm at reasonable

This is America, a land which has shouldered arms to protect the very freedom of enterprise which is so clearly exemplified in REA cooperatives, and which guarantees the right of citizens to band together in the common good.

With unified action, with every REA cooperative member believing, and willing to exercise his democratic right to work for a better way of life, the REA program will move forward in 1946, unhampered and unfettered by crippling legislation and unfair propaganda fostered by those who oppose it, and indeed, the New

## BEGINNING OF A CHICKEN DINNER





HUNDREDS OF HOLIDAY MEALS for Chicago restaurant and hotel dining rooms are lined up in these coops along both walls in one room of the brooder plant on the farm of Harold B. Stokes, near Hillsboro. In the top picture, Oliver Hunt, employed on the Stokes farm, is looking at the flock which is the object of his solicitous care. Lower right shows Hunt checking the water bowls in one of ten electric brooders in five similar rooms in the plant. At the left, he is making the feath-



ers fly at an electric chicken-picker on which he prepare 300 broilers a day for the deep-freeze locker from which they are later moved to a large cooler to be kept until time for shipment to market. Everything in the modern brooder plant is operated by electricity from the M. J. M. Electric cooperative, Carlinville.



T. J. ROBERTSON

St. Louis headquarters of REA has announced the resignation of T. J. Robertson, chief of cooperative operations, and the appointment of

REA on November 16, 1944, and has Administration. made many friends over the country in his capacity as chief of cooperative operations. At the time of ac- marily to the excessively high prices Year can be a Happy REA cepting the appointment to REA, Mr. contained in them, the practice of Robertson was a director on the throwing out bids is not new. It has control of brucellosis disease.

Resigns REA Post NRECA board, from region eight; long been an established policy of president of the Arkansas State Flora REA that are established policy of tric Cooperative, and Manager of bids and negotiate for a contract the Craighead Electric Cooperative where circumstances warrant. at Jonesboro, Ark. It has been stated that Mr. Robertson intends to enter attacked during the past several the electrical contracting field.

Mr. Long, well known in REA cir-

## HIGH COSTS-

(From Page One) are excessive, the cooperatives have the full support of REA. In many cases, bids submitted to the agency with co-op board approval, have been rejected by REA with recommendations that negotiations be opened with the low bidder in seeking a fair price

#### on contract. Inflationary Trends

If the trend toward inflation in construction costs is not checked. REA officials have pointed out, the security of government loans for farm power lines might be jeopardized. Higher costs, of course, tend to limit the George J. Long as acting chief. This areas which it would be feasible for change in personnel is now in effect. REA cooperatives to serve through Mr. Robertson joined the staff of loans from the Rural Electrification

Although more bids have been rejected during recent months, due pri-

This practice has been vigorously weeks by the National Electrical Contractor's Association and Business cles since the beginning of the agen- Week, a nationally circulated magacy, will fill the vacancy as acting zine, has taken the lead among sevchief until a permanent appointee is eral trade papers in carrying articles protesting the rejection of bids and demanding that the lowest be accepted.

In one article a plan was outled for making an attempt to have a clause attached to the next appropriation bill which would force the cooperatives to accept the lowest bid received without negotiating further with the bidders.

The contracting interests are also opposed to the REA policy of refus ing to permit a co-op to enter into contract with construction firms are doing work for public ut companies in the co-op's area. REA officials have pointed out; however, that this is a necessary step because confidential engineering material is turned over to construction contractors and that there is no competition between various jobs handled by any contractor as to which will be given preference in use of scarce materials and manpower.

Vaccination of calves four to eight months old is a recognized aid in the