Illinois

Rural Lectric News



More and more co-op families are learning first hand that electric heat is comparable in cost to other types of heating. In addition, they are finding that it is more comfortable, convenient, cleaner, quieter, and safer than any other type of heat.

Hubert Markus of near Breese, has electric heating cable imbedded in the ceilings of his new, six room ranch-type home.

"When we planned this home, we decided upon electric heat because we felt it would be more convenient," Markus explains. The heat in each room is individually controlled by a separate thermostat.

Markus' three bedrooms are kept cooler than the other rooms. The thermostats in these rooms are set at 65 degrees. The recreation room and kitchen are kept at 75 degrees, while the living-room stays at

The Markuses have a son less than a year old, and like youngsters of his age, he crawls around the floors. "With this type of heat, the floors are always warm enough for him." Heat is evenly distributed.

Cost Less Than Oil Heat

Cost of heating this rural home last winter from September until April was \$138. "I don't believe this is excessive," Markus comments. "It cost us more than that to heat our former home with oil. Then we were only heating two rooms, too." Markus is a member of Clinton County Electric Cooperative.

Besides the heating cable, there are several other types of electric heating systems. Jim Montgomery of near Cyprus uses heat panels mounted in the walls of his four-room home. This is the third winter for their use. Says Montgomery, "We've never heated with anything nicer!"

Their home is old and had previously been heated with wood, coal and oil stoves. It was impossible to regulate these methods of heating. The rooms with the stoves were too warm, while the other rooms were too cold. That's not the case now. Each room has its own thermostat.

"Even during the coldest days and nights of last winter, we just didn't know it was cold. The house was kept at an even, comfortable temperature all of (Continued on Page Seven)



MRS. JIM MONTGOMERY OF NEAR CYPRUS ENJOYS THE CONVENIENCE OF ELECTRIC HEATING PANELS.

Encouraging

REA Administrator
says co-ops can
count on g. and t.
loans when they
need them

Co-op leaders from the Illinois, Iowa, Wisconsin region, were encouraged to hear REA Administrator David A. Hamil forcefully defend the right of rural electric systems to borrow money from REA for generation and transmission purposes, in his address at Des Moines, in November.

Stating his policy frankly, Hamil said of g. and t. loans: "We're going

to continue to make them. If you (co-ops) can't get a fair wholesale rate from private power suppliers, REA will loan you the funds to generate your own electricity." He went on to qualify his statement with the conditions (1) of necessity, and (2) or lower cost, which has always been REA policy, and which are looked upon as reasonable qualifications for the mutual protection of both government loans and electric co-op interests.

However, the forthright attitude of Hamil on g. and t. loans impresses co-op leaders as a genuine awareness on the administrator's part of the significance of this aspect of REA's loaning authority in helping 650 rural systems, which are dependent on private power companies for wholesale

electricity, to maintain an effective protect and further the progress of bargaining position. the rural electrification program.

Whether or not electric co-ops choose to exercise their privilege of borrowing REA funds to finance their own generating plants, is not the point. But, the fact that they can do so, helps keep electric rates from going higher.

In this state, 25 of 27 electric co-ops buy their power from commercial suppliers. One co-op generates its own, and another buys from a power cooperative. But all of the co-ops support the policy of REA regarding loans for generation and transmission facilities, whether or not they are interested in taking advantage of that policy. It is vital to electric co-ops to know that they have this protection in case they might need it.

National association has important role in farm electrification

This month marks an important milestone in the history of an organization that has done much to

protect and further the progress of the rural electrification program. That organization is the National Rural Electric Cooperative Association, which represents nearly 3¾ million members of 927 electric co-ops throughout the country.

NRECA moved into its own modern, eight-story office building in Washington, D. C., from quarters that it had long since outgrown, attesting to the ever-increasing activities and services which this national association is providing its members. The building is being financed by loans from member co-ops.

In this age of big government and big business, co-ops would soon perish unless they maintained alert and capable organizations such as NRECA. Besides representing the interests of electric co-ops in legislative matters, NRECA makes available many other important services including research, insurance programs, managerial assistance, information, etc.

A great deal of credit is due NRECA and its loyal and dedicated employees who have contributed so significantly to the success of rural electrification.

Rising interest rates resulting from the Administration's "tight money" policy threaten rural electrification on two fronts.

REA's present two per cent interest rate, established in 1944, has been adequate to cover the cost of money to the government plus a net of about \$50-million to REA.

Although the general upswing in interest rates may be temporary, critics of the rural electrification program are certain to seize upon the increased interest rates the government is paying on loan notes and long-term bonds to at least cut back on the size of the REA loan program.

As rural electric use grows, the rate of interest becomes more crucial. Interest charges now amount to 12.5 per cent of the present cost of distributing power in rural areas. Estimated load growth in the next 20 years will shove that up to 20 per cent of the cost of distributing power, even at the present two per cent interest rate.

Effect on Costs

The other front where rising interest rates will hurt the rural electric consumer is through the effect on cost of wholesale power. Whether co-ops generate their own power or buy it from the Federal government or private companies, interest is a major component in determining the cost of power.

Interest or dividends and other retained profits account for about onethird of the total expenses of private power. Over half their facilities are invested in generation and transmission. Interest accounts for from 16 per cent to 33 per cent of the price that Federal agencies charge the rural systems for wholesale hydro power. Virtually all of this is generation and transmission.

During the last eight years the interest rate on 90-day treasury notes has been increased about 300 per cent. This increase in existing rates is the result of the deliberate "tight money" policy of the federal treasury and influence of the private banks operating through the federal reserve banking system.

The tight money also was designed to reduce inflationary pressures or hold the line on prices. The policy has increased interest rates, but prices

Washington Roundup

continue to rise. Many economists question the wisdom of tight money which does not also restrict consumer installment purchases or investment spending of large corporations in particular—the two key sources of inflationary pressures.

Tight money primarily affects farmers, local and state governments and small businessmen.

Pass Resolutions

Both the American Farm Bureau Federation and the National Grange passed resolutions on the electrification program, last month at their annual conventions.

Farm Bureau delegates agreed that electric co-ops and other non-profit utilities should continue to have first claim on federal power. However, the Bureau sidled up to Eisenhower's partnership power policy. Where the government builds a dam, delegates said, "We favor sale of the right to generate power to co-ops, private utilities, or states that are able and willing to buy this right under mutually satisfactory terms."

The delegates also rejected a Hoo-

ver Commission plan to halt federal loans to co-ops. "We do not think rural electric co-ops are now in a position to be required to secure their capital by selling bonds to the public."

On the other hand, the Farm Bureau delegates went on record as believing electric co-ops might try to borrow from their members some of the money they need to expand. They also suggested a study of electric co-op capital credits to see whether they insure member ownership and control.

Reaffirms Its Support

The National Grange reaffirmed its support of both the rural electrification and rural telephone programs. The Grange continued also its traditional support of the federal preference laws.

In its resolution the Grange declared: "The National Grange favors adequate loan authorization and administrative funds for the REA to insure continued progress so that extensions can be made into unserved areas and existing systems modern-

ized to meet increased energy demands."

The Grange delegates said they believe that electric co-ops should continue to have the right to construct generating plants and transmission lines where necessary.

The delegates further urged Congress to maintain the two per cent per annum interest rate on REA loans and to continue the traditional support of the preference principle under which electric power generated at government dams is made available first to non-profit municipal and cooperative electric systems.

Phone Co-ops

Telephone cooperatives have appealed without effect, for REA to relax loan equity requirements. Failure to do so has resulted in a smaller and smaller proportion of the rural telephone job cooperatives have been able to undertake. The result is that less than half of America's farms have telephones today.

Meanwhile the commercial companies which have obtained the bulk of REA telephone loans during recent years, got a virtually equity-free concession from REA. Telephone coops in several parts of the country have asked that REA also accept membership fees as the entire cooperative equity requirement.

The cooperative rural electrification program has been an outstanding success because REA did not require equity to secure its loans. A mortgage on the borrowers' property was sufficient. The wisdom of this old rural electric policy is shown both by the success of rural electrification and the fact that the electric cooperatives have an unblemished credit record.

No Assurance

The telephone cooperatives' plea that their equity requirements be relaxed, as has already been done for commercial borrowers, has not even obtained assurance that any specific proposal, such as that for accepting membership fees as sufficient equity, is being considered. The only information they have been able to get is that "individual cases" will be given consideration, and that the equity matter is under constant study.



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Jimmy Johnson, five, drinks some of the pure water supplied by the pond his father built to furnish the farm

Pond Solves His Problem

Soil convervationist takes his own advice and is glad that he did

Practicing what he preaches, Ray Johnson, Scott County conservationist for the U.S. Soil Conservation Service, built a pond in the summer of 1955 to supply his water needs, both for livestock and home consumption.

When Johnson bought the small farm in 1954, he figured he had an ample water supply. The farm had five wells and two cisterns. But, on the fourth day after he moved in, the wells and cisterns went dry and he started hauling water from Winchester, 41/2 miles away. Scott County was in the midst of its worst drouth.

Like many of his neighbors, Johnson was forced to wait in line for water. And he and his family had to curtail their use of water. Besides being inconvenient, hauling was expensive as well. Cost of the water alone was \$2 per thousand gallons. Then there was the time lost from other activities, while waiting in line. One farmer figured his cost at between \$7 and \$10 per thousand gallons of

That's when Johnson decided to build a pond. He figures the pond will increase the value of his farm far more than the cost of it. And it should

pay for itself in water hauling savings in one, or at most, two years. Total cost of the pond, filter, pipe and outlets was \$1,431.

The terrain on Johnson's farm was ideally suited for a pond. It was rolling land, and had a few small ravines. He located the pond in one ravine, about 400 feet from his house and outbuildings. It covers an acre and a quarter and when filled will hold a million gallons of water. It is twothirds filled now.

In order to use the water in his home for drinking purposes, Johnson installed a concrete filter about 35 feet out in the pond. This filter is 28 inches in diameter and 40 inches high. It has three-inch porous walls. The water filters through

assure safe water. The water is treated with the chlorine solution before it is pumped to the house. The pump used is a one horsepower multistage jet pump capable of delivering 1550 gallons per hour with a 10-foot lift.

From the pump, one-inch plastic pipe carries the water to the house, poultry house, hog house and five outside frost-proof hydrants. Underground wiring was used to supply electricity from the meter pole to the pump house. And a breaker was installed on the meter pole to provide fire protection, in case the house or other buildings

To eliminate the taste and odor of chlorine in his drinking and cooking water, Johnson installed a small charcoal dechlorinator under the kitchen

Besides the savings in hauling charges, Johnson's fire insurance premiums are \$31 a year cheaper because of the location of the pond and the way it is wired with the breaker.

Johnson is firmly convinced that a pond is the answer to a good water supply. Besides there are other benefits, such as, recreational advantages for his family and friends. He is stocking it with fish, and plans to build picnic facilities around the

In addition, Johnson says he will develop the surrounding acres as a wildlife refuge. And, he and his wife are thinking about using some of the pond water for irrigation on berry and fruit crops adjacent to the pond.

Johnson raises chickens and hogs. He realizes great quantities of water are essential in both enterprises. That's another reason he's thankful he has the pond.

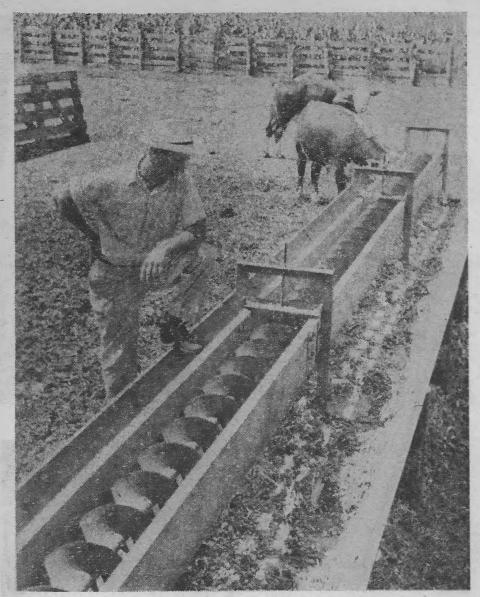
Since Johnson built the pond, two of his neighbors have quit going to town for water and have used water out of the pond. Johnson figures he's got plenty for his uses, and that it pays to be

(Continued on Page Thirteen)





Five frostproof hydrants located near his buildings, provide not only convenience for Ray Johnson, but also fire protection. Karl Longenbaugh, power use adviser of Illinois Rural Electric Co., tests hydrant.



Everett Rincker of near Strasburg is shown with automatic feed bunk he built. Unloader in silo fills feeder and auger distributes silage.

Everett Rincker saves two hours a day now that he has combined his electric silo unloader with an electric auger bunk feeder. He can feed 60 cattle in 10 minutes of his own

silage, then cart it out to the feed bunks." Besides consuming time, it also was hard work, Rincker points out. "A man can get old fast doing that everyday."

Everett specializes in raising pure-"It used to take well over two hours bred Angus beef cattle on his farm to climb the silo, fork down the near Strasburg. But to make extra in-

THIS FARMER **SAVES TWO HOURS A DAY**

come, he has always fed out grade beef cattle. To continue with this practice, he realized that he had to cut his labor.

Last June he read an article in the Illinois Rural Electric News about a farmer who made his own electric feeder to cut labor. "I visited the fellow, liked what he had, and built one myself." But instead of building the auger, Everett purchased a manufactured one.

He built a feed bunk 40 feet long and four feet wide out of sturdy 2 by 12's. He mounted this bunk on creasoted poles, buried in the ground, five feet apart. For sturdiness, the bunk is bolted to the poles and braced underneath with connecting

On top of the bunk he mounted the nine-inch auger, which is supported by four metal frames, bolted to the bunk. These frames have adjusting screws, which enable Everett to raise or lower the auger, depending upon how much silage he wants dumped in the bunk. The frames also hold the boards which inclose the auger, providing traction for the silage to move on.

Three feet of the west end of the bunk extends into the small shed at the base of the silo. A chute channels the silage from silo into the auger. "All I do is push the buttons," Everett remarks.

Still, he can't forget how much hard work has been eliminated. He still remembers he used to scoop the feed at least three times before it ever reached the cows. "I know I spent over an hour each time I fed the cows." The only time he spends now is to set the machinery in motion, then he can leave to do another

Rincker plans on adding another bunk-feeder on the other side of the sito, in-order to increase his feeding herd. "I can use the same silo unloader if I do it that way."

Rincker has been in the purebred beef business for 19 years. He is in partnership with his father. He has a 70-head Angus herd, and sells on the average of about 40 calves a year.

Rincker has one-fourth of his 320 acre farm in grass and hay crops. The rest is in grain, mostly corn. Most of the corn grown on the farm is used for feed, or silage. "With the help of electricity in cutting labor, I hope to eventually have enough livestock to eat all the grain I raise." He is a member of Shelby Electric Cooperative of Shelbyville.

In their new home, the Rinckers installed electric heating panels. They have used the electric heat for three years now, and say, "We have found it doesn't cost any more to heat this home than it did to heat three rooms in our old home with oil.'

By selling pork directly to consumers, the Kings make—

More Money From Hogs

As the result of a church bake sale over a year ago, Mrs. Loren King found herself in the business of preparing and marketing pork products. "I took a home-cured ham to the sale. Everyone like it so much that they asked me to sell them some of our pork."

This new business is enabling the Kings to net four cents per pound more for each hog handled in this way. "That's one way to beat the low market prices," Mrs. King declares. The Kings raise 1,000 hogs a year on their farm near Huntsville, in Schuyler County. About 10 per cent of them are marketed through this home business.

Mrs. King credits the demand for their pork products to the fact, "we raise good meat hogs." Then, too, her hams and bacon are cured saltfree. "Our best customers are doctors and people who are on special diets."

The business is relatively simple. Mrs. King operates it from her kitchen. Orders are taken in advance. Then, two or three hogs are taken to a nearby locker where they are

She packages the meat according to the orders. The hams and shoulders are boned, then cured in a special brine solution for a week. The curing is done in the refrigerator.

Mrs. King got the recipe for the solution from her mother-in-law. It consists of brown sugar and a manufatcured powder, which she declined disclose, terming it a "trade secret."

The hams are sold whole, in halves, or slices. "I usually put four good slices in each package, enough for one good meal." The meat is then frozen in a freezer until it is picked up, or delivered to the consumer.

Mrs. King believes one of the reasons for the declining pork market has been in handling of the pork before it reaches the consumer. By doing her own processing and eliminating the middleman, she can insure the quality of her product. She guarantees it on a money back basis.

But, her business has had its problems, Mrs. King points out. In order to sell meat directly to the consumer,

slaughtered, cut up, and returned to she first had to pass state inspections. Both she and her mother-in-law are now licensed to handle meat. "It's for the consumer's protection," she ex-

Then too, there was the problem of how to get rid of the surplus lard. Not everyone wanted it. That was solved when a bakery contracted to buy it.

Because of the nature of the business, Mrs. King is able to work at home and in her leisure. "We already had the refrigerator and freezer. About the only thing we had to invest in was paper to wrap the meat."

Her husband is pleased with the business too. He says it shows him what type of hogs he is raising. In the past, he had been docked because his hogs weighed over 200 pounds. But the same type hogs now cut up show them to be meaty with very little fat.

The Kings hope their business can be expanded to provide a market for at least 20 per cent of their hogs.

The Kings are members of Adams Electrical Cooperative of Camp



she stores in her refrigerator for one week. This cures the meat without leaving a salty taste.

Illinois Rural Electric News January, 1957











along the Line

glimpses of how co-op folks are putting electricity to use



- 1. Baling hay one holiday, Billy Blue's baler broke down. "I couldn't get it fixed anywhere." That's when he decided to buy a welder. According to him, a welder is the most important tool in his farm workshop. "I've reached the point now where I just take the welder for granted whenever a piece of machinery breaks." Besides, he does custom welding for some of his neighbors. Blue's farm near Clinton is connected to the lines of Corn Belt Electric Cooperative of Bloomington.
- 2. An electric grinder is almost like having an extra arm, says Hubert Hanley of near Buda, in northern Illinois. With the grinder Hanley can sharpen equipment in minutes instead of hours with little effort. He also finds the grinder handy for polishing metal. He believes small equipment like this is more valuable to a farm workshop than large equipment. He gets his electric power from Illinois Valley Electric Cooperative of Prince-
- 3. Wayne City, population less than 900, now has a modern water treatment plant, rivaling those of cities many times its size. And the system is automatic, thanks to the service of Wayne-White Counties Electric Cooperative at Fairfield. The electric co-op also serves the town.

The water plant was built in 1954 because the town wells were going dry. According to Omer Garner, pictured, "We are capable of treating and pumping 250 gallons of water a minute." There's also a 35,000 gallon reserve tank and a 75,000 gallon tank for emergencies. Garner is water plant superintendent.

The water is first pumped into a settling basin, then into filter-

ing tanks, where it filters through four feet of sand. It then drops into the reserve tank, where chlorine is added. All of the equipment operates on compression supplied by an electric

- 4. An old ice-cream box compressor was converted into an air compressor by Hugo DeLassus of Kaskaskia Island, for less than \$15. "All I had to do was buy a little copper tubing and change the compressor over from pumping gas to pumping air," he explains. Delassus had the one horsepower electric motor, he connected to the compressor. And he purchased a water system pressure switch to regulate it.
- "I have plenty of pressure for my grease gun," he points out. "But, it is a little slow on pumping tires. I need a bigger tank." DeLassus made the compressor in his workshop on his farm. He is a member of Egyptian Electric Cooperative of Steeleville.
- 5. Electricity from Clinton County Electric co-op of Breese made it possible for H. C. Ragen to start a meat business in 1955. His Country Meat Market, east of Carlyle, serves a need in the rural area. Shown is William Wessel, butcher, about to cut up a piece of beef on an electrically powered saw which makes butchering a lot easier and quicker.

In addition to power saws, Ragen's market is equipped with a large walk-in cooler, a freezer, and a refrigerated show case. Besides selling meat, he does custom slaughtering and processing for many customers. He cures his own hams and bacon in his

January, 1957

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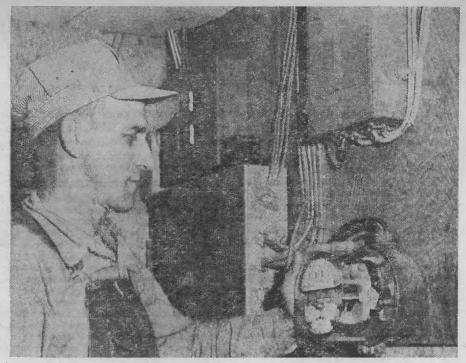
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SAFETY



HURBERT MARKUS of near Breese, checks the meter reading on his electric ceiling cable. Last winter the cost was only \$138 from September until April.

No better way to heat than with electricity

(From Page One)

the time. There were no drafts, no cold corners and no cold floors."

Of course to make electric heating feasible in the old house, Montgomery first had to insulate the walls and floors. "That's the key to a successful heating system like this," he points out.

Eight, 1,000-watt panels were installed in the home, two in each room. Where possible, they were placed on outside walls. Cost of heating the home the first winter was \$108.82. "Our neighbors have been amazed at this low cost," Montgomery declares.

Another thing the Montgomerys like about electric heat is its cleanliness. "Our wallpaper and curtains show none of the grime and dirt we've had with coal and oil heat," his wife says. She hasn't had to do

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QUINCY, ILLINOIS
B' F. Goodrich Company
QUINCY, ILLINOIS
B' F. Goodrich Company
RED BUD, ILLINOIS
Brockschmidt Plumbing & Heating
Company
QUINCY, ILLINOIS
Brockschmidt Plumbing & Heating
Company
RED BUD, ILLINOIS
Bellina Electric
RUSHVILLE, ILLINOIS
Bellina Electric
RUSHVILLE, ILLINOIS
Brown Lynch Scott Stores
SALEM, ILLINOIS
Brown Lynch Scott Stores
SALEM, ILLINOIS
Bry Roppiance Center
SPRINGFIELD, ILLINOIS
Bry Roppiance Center
SPRINGFIELD, ILLINOIS
B. F. Goodrich Company
SPRINGFIELD, ILLINOIS
B. F. Goodrich Company
SPRINGFIELD, ILLINOIS
Brunk & Sapp Company
SPRINGFIELD, ILLINOIS
B. F. Goodrich Company
SPRINGFIELD, ILLINOIS
B. F. Goodric

as much house cleaning now, as before they got electric heat.

Panels Save Space

The wall panels are also a space saver for the rural homemaker. The old coal stove was situated almost in the middle of the floor, limiting the area of the room. The wall panels are out of the way, providing extra space for furniture. The Montgomerys are members of Southern Illinois Electric Cooperative of Dongola.

August Ratermann of near Breese uses another type of electric heat in his five room home. He has a combination of baseboard and heat coil panels. The living room and two bedrooms are heated with the baseboard. The kitchen and bath have coils recessed in the walls.

A 3,000-watt unit heats the living room, while, a 2,000-watt unit in each bedroom heats those two rooms. A 2,000 watt coil unit is used in the kitchen. The bathroom has a 1,500 watt unit.

"I got tired of the old coal stove," says Ratermann. "You were always too hot on one side, and cold on the other. You never felt comfortable." That's not the story with electric heat, he points out. "It makes you feel wonderful."

Ratermann is a member of Clinton County Electric Cooperative of Breese.

Vernon Sickmeyer of near Campbell Hill, uses still another type of electric heat in his rural home. He has a warm air heater mounted between the studdings in one wall of his kitchen. He uses it only for supplementary heat. "Our kitchen was never warm enough," he points out.

This is the room where most of the activities of this farm family center. "We spend more time in here than in any other room. And, our furnace just wouldn't keep this room warm enough." That's why he decided on electric heat. "It was easy to install and operate."

Considers Cost Reasonable

Sickmeyer installed the heater last October, and lucky for him too. "Just about that time our furnace quit working and the kitchen water heater was all we had for about a month. We turned this electric heater up as high as it would go and it warmed two rooms. Even then, the cost was only \$3. That wasn't nearly as high as I had figured."

Sickmeyer paid \$83 for the 2,200 watt heater. It is thermostatically controlled. Sickmeyer is a member of Egyptian Electric Cooperative of



VERNON SICKMEYER of near Campbell Hill, installed this warm air, electric heater in the wall of his kitchen to provide extra heat.



News from Illinois Valley Electric Co-op

Princeton F. I. Ruble, Manager

Your Cooperative Office Address is 430 S. Main Street, Princeton, Telephone 3-1331.

Main Street, Princeton, Telephone 3-1331.
Office hours—8:00 a.m. to 5:00 p.m. Monday through Friday, closed all day Saturday.
TO REPORT OUTAGES AFTER HOURS—Princeton Area: Floyd Christiansen, Maintenance Foreman, Telephone Princeton 3-2591: Leslie Noe, Telephone Princeton 5-2501: Leonard Sifford, Phone 3-3753, Princeton Milford Jontz, Line Supt., Telephone Princeton 2-2072.

TO REPORT OUTAGES AT ALL TIMES

N—alva Area—Lester Register, Maintenance, Telephone Galva 504-J; Stanley Ballard, Telephone Galva 438-J. ttawa Area: Jack Lewis, Maintenance, Telephone Ottawa 2987-R-3, Farrel Brooks, Phone 2423-L. Ottawa.

NOTE: Members in Galva and Ottawa areas please try to report trouble to your maintenance man before calling Princeton.

A sincere and prosperous Happy New Year to all of our members and friends from the directors and employees of the Illinois Valley Electric Cooperative.

IN REVIEW

The column this month is a partial re-



F. I. Ruble

view of accomplishments of your Illinois Valley Electric Cooperative during 1956. The record indicates that every member participated in making it a successful year. Many new appliances were added. The use of electricity increased each month, outages were kept to

a minimum with no major outages reported, nor were there any serious storms to disrupt or damage the area served by your cooperative.

The annual meeting held in September was well attended. Upton Craig, Victoria, Mrs. Edith Kays, Ottawa, and Roy E. Horton, Princeton, were re-elected to serve on your Board of Directors, each for a three-year term. It was disappointing that plans were not completed in time to start your new headquarters building. It will be located at the west edge of Princeton on the south side of U. S. Highway 6.

Plans have now been completed and work on this should begin in the spring. Your building committee anticipates the building will be completed by early fall.

There will be ample parking area at

4-H CLUB CONGRESS

The 35th National 4-H Club Congress was held at the Conrad Hilton Hotel, Chicago, November 25-29. There were approximately 2500 persons in attendance. This included the 1200 winners of the state and national 4-H club projects.

Boys and girls who attended the 4-H Club -Congress were a highly select group. They were chosen from more than 2,155,000 4-H members in the United States, Alaska, Hawaii, and Puerto Rico. As state, regional, and national winners in educational 4-H programs conducted the Cooperative Extension Service, all of them had to their credit tangible. accomplishments in farming, homemaking, and in related skills or activities.

These 4-H winners had shown profi-

ciency in projects which they carried out and accurately recorded. To them the winning of an all-expense trip to the National 4-H Club Congress represented a real achievement.

The large number of adults who attended the 4-H Club Congress included federal and state 4-H club staff members, international observers, executives from donor organizations and representatives of various youth groups. There were also several hundred radio and television personnel and press correspondents to cover the event for major wire services. newspapers, broadcasting stations, networks, magazines and newsreels.

RECOGNITION GIVEN

Thousands of dollars worth of awards in the various 4-H programs were provided by business firms, civic groups, educational foundations and interested individuals who wished to encourage 4-H achievement. In addition to the delegates' expenses, these donors provided grants for other awards including college scholarships, savings bonds, watches, and 4-H medals. National award funds are channeled through the National Committee

on Boys and Girls club work. This is a citizens' group which assists the extension service in advancing the progress and influence of 4-H club work.

During Club Congress week more than 50 organizations sponsor educational tours and entertainment, all making the meeting in Chicago a never to be forgotten event in the lives of the 4-H delegates. Through their visit to the 4-H Club Congress in Chicago delegates develop a broader understanding of interdependence of agriculture and industry. With inspiration gained from associating with their fellow club members, they take back to their home communities renewed enthusiasm for 4-H club work as a vital force for better citizenship.

The cooperative wishes to congratulate the 4-H club winners of state, regional, and national honors, and also to give credit to local and county winners who did not get to attend the congress in

POWER SUPPLIER CONFERENCE

For the past six years Westinghouse Electric Corporation has sponsored a power suppliers' conference held at the Conrad Hilton Hotel during the 4-H Club Congress. This conference is held for the purpose of developing a program where power supplier personnel may be of real assistance to the 4-H youth interested in developing further knowledge of electricity and its application.

These conferences have developed a better understanding of problems confronting 4-H youths and has also provided common ground and an incentive for utilities and rural electric cooperative personnel to work together. Westinghouse Corporation certainly should be commended for developing and promoting these conferences with such constructive programs.

These conferences were held the next day following the 4-H club dinner sponsored by Westinghouse Educational Foundation. This dinner was for state and national winners. There were 44 state winners and six national winners at the dinner this year .There were six scholarships awarded, one to each of the six

Those attending the electric dinner and power suppliers' conference included Mr. and Mrs. Upton Craig, Victoria; Mrs. Eileen Slingsby, Utica; Mrs. Edith Kays and Mrs. Hornung of Ottawa and Mr. and Mrs. Fred E. Darr, Princeton.

USE OF HEAT LAMPS

The use of heat lamps for brooding is quite popular. These lamps fill a definite need in the brooding of pigs, chickens, lambs, calves and of all kinds of newborn livestock. These infrared lamps give off heat rays that warm like sunshine. The heat lamps lower losses of these newborn animals and reduce the manual labor needed to care for them. The use of these lamps makes healthier animals, and helps them to mature faster for market. This helps to make bigger profits.

Infrared lamps are safe, clean and no trouble. In addition to their use in brooding, these lamps provide spot heat for protecting pipes from freezing or thawing them out when frozen. The lamps can also be used for removing old paint or for drying fresh paint. They are ideal for warming the car or tractor

There are two kinds of heat lamps used, white and red. The white is just as efficient as the red or hard glass for brooding purpose or other uses. However the hard glass will stand much abuse. Also, the safety factor of the hard glass lamp is much to be preferred.

Ask your neighbor how efficient the use of these infrared lamps can be for

DEMONSTRATION

The Armour Company has cooperated with your cooperative in presenting to our members in Henry County valuable information on pork products. The first of several talks and demonstrations for this year was held at Kewanee High School, Kewanee on January 3.

The program was arranged by Miss Aline. Frank, home economics instructor. Your cooperative served as co-sponsor to bring to homemakers of Kewanee and Henry Counties valuable information on pork products. The Henry County Home Bureau and the Kewanee Chamber of Commerce joined to give the meeting countywide publicity.

The talk and demonstration was presented by Miss Marie Gifford, director of consumer service department of Armour and Company, Chicago. Miss Gifford made it quite plain in her talk and demonstration that pork products may be served each day in a palatable way.

The fine cooperation of Ed Ricketts

representing Armour and Company, Peoria, was also very much appreciated.

The Moss Electric Company, Kewanee, gave fine assistance by supplying a Westinghouse range and refrigerator, used for the demonstration. Mr. Moss also gave an attendance award.

Your cooperative is quite fortunate in having the services of Miss Gifford available to augment their program to help meat growers in the counties served by this rural electric cooperative.

Two other programs are planned, one in Bureau county at Princeton and the other at Ottawa, with the home bureaus from each county cooperating. Watch the newspapers for complete details.

News from WAYNE-WHITE Electric Co-op

Fairfield Owen J. Chaney, Manager

In case of trouble before 8:00 a.m. and after 5 p.m. call the following—
For White County Call Norman Davis, Carmi, Phone 4-2295 or J. R. Lane 2-757.
For Norris City area call Chalon Carter Phone 123 or Everett Phillips, Phone 38-J, Norris City.
For Edward County call Welden Galiher, Phone 151-M or Bill Bennett. Phone 217-WX, Albion.
For McLeansboro area call Alfred Venters, Phone 209 JX McLeansboro.
For west part of Wayne County call Wm. Fleming, Phone 3131, Wayne City, or Dee Vaughan, Phone 2643.
For eastern Wayne County call Cloyd Musgrave 6276; Charles Mann, 9774; George Harper, 3184; all of Fairfield, Carl Merritt, Phone 6798.

Your rural electric system was created by rural people to fulfill an important need-the need for abundant electricity on the farm. For almost 20 years, we have been working toward the comple-



tion of this program. And now that the program is almost completed we begin to think about survival.

There are many things to consider on the subject of survival. Attitude is one of the important ones. What is the attitude of the member, the non-member or the

O. J. Chaney man in town, the farm youth who will soon become a member, the power company from whom our power is purchased, and last but not least, the government?

Do you remember the days of coal oil lamps, the pump and bucket water system, chores by lantern and the ice box? Do you realize that the majority of our members would still be living with these things if it had not been for your rural electric cooperative? Do you know that many of those who do not live on farms still think that electric lights for the farm are a luxury and a gift from the government and don't know or don't want to know that you are paying for your system, paying taxes and providing the necessary funds to keep the system in operation through your monthly elec-

DON'T REMEMBER

A great many of our farm youth do not remember the "good old days" of the coal oil lamp. Are they now being taught to take pride in the electric system that we as parents or grandparents have built up, and will they have the attitude necessary for survival, when they become members?

We have a good thing and no one realizes this any more than the power companies from whom most rural electric cooperatives buy power. Our relationship with our power suppliers has been agreeable and we have no reason to think that it will not continue to be so. But this is not true in many other parts of the country. In some places, co-ops have sold out to the power companies at a great loss, and vigorous campaigns have been put on by power companies in trying to convince the members that they should sell out.

And what about our government which created REA as a lending agency to provide the necessary capital to build our electric system. The Hoover Commission recommended that REA be done away with and the recommendations of this committee are still being considered. Strong forces are constantly trying to influence our state and national governments to take away our rights under existing laws. So let's continue to impress our representatives and senators, both state and national, of our rights and insist that they uphold them.

KEEPING SYSTEM UP-TO-DATE

An electric system, whether it is the power line that brings the current to your meter or the distribution system in the buildings beyond the meter is like anything else. It wears out, becomes too small or becomes obsolete. During the past few years, we have devoted a large amount of time to system reconstruction so that the ever-increasing demand for more dependable power can be met. substations, more feeder lines, heavier construction, bigger transformers and meters are a few of the things that have been added as survival insur-

The system is being studied in an effort to anticipate our future needs. Most of the wiring systems of our members need revamping. Larger switchboxes to provide more circuits, heavier wires and many other things should be added to make the average farm wiring adequate to take care of the ever-increasing load. Let's keep our house in order and make 1957 a big electric co-op year.

Those of you who reside in the area served by the Albion and Carmi substations recently experienced morning and evening outages for several days. We were installing switches on either side of these stations in the power line that feeds them.

Energy on this power line comes from two sources and can be fed from either direction. In the past our interruption of current on this line usually meant a long outage which often could not be avoided.

Now that these switches are in operation, power can be restored in a very short time by opening the switch on one side and closing the one on the other side. This, we think, will eliminate long outages in the future and compensate for the inconveniences that occurred during the switch installation. We thank all of you for your patience and understanding while this work was being done.

News from TRI-COUNTY

Electric Co-op

Mt. Vernon

H. G. Downey, Manager

TELEPHONE NUMBERS TO USE IN CASE OF OUTAGES

Jefferson County
Office—Mt. Vernon 1451-1452
If no answer call—LeRoy Leu, Mt. Vernon—5446
If no answer call—Francis Wittenbrink,
Mt. Vernon—5418

Marion County
Office—Salem 74
If no answer call—Robert Worley, Odin
722 no answer call-Paul Poole, Odin-567

Washington County Call Charlie Swain—Nashville 7-8494 If no answer call—Amos Weeke, Nashville— 7-3772.

Dear Consumers: As the year 1956 came to an end, and the new year begins to blossom out like the trees in spring, your electric cooperative would like to wish umer a very nappy



H. G. Downey

and prosperous New Year. We had a good 1956 and as our plans for this year begin to unfold you will hear from us in many ways. Our first contact

will be when you receive the new meter books after February 1. At this writing plans and material are being gathered to

begin the actual preparation of this job. You will read about your cooperative in this news column. Additional newsletters will be sent to you from time to time to keep you abreast of the many activities that are planned.

It's a little early but don't forget we will have a huge successful annual meeting again. You will be notified in due time but just for now, keep in mind that it will be coming up in November.

We would like to remind you that as you live in this modern era that the use of electricity is a must as it can do so much and it costs less than any other product on the market today.

News from CORN BELT Electric Co-op

Bloomington T. H. Hafer, Manager

A Happy New Year to all of our members from all the directors and employees. We wish you success and happiness and pledge our best efforts to give you the best of electric service during this year 1957.



ruary 22, has been set for our annual meeting. We plan to have Jerry Voorhis of the Cooperative League, present for the main address. Your directors have heard him talk about co-op philosophy and feel that he has a ressage you members will want to hear.

The date of Feb-

Entertainment will include music by the Bloomington Barbershoppers who have won the Illinois contest and will represent Illinois at the national contest this summer.

GOING TO MOVE?

Please notify your co-op office two weeks in advance of the actual move so that meter reading cards may be mailed to you. Please give us the following information:

(1) Your name, address and location number.

(2) Your new address and name of person living in the house you are moving into if served by this co-op.

(3) Name and address of person moving into house you are leaving.

News from JO-CARROLL Electric Co-op

Elizabeth Charles C. Youtzy, Manager

TELEPHONE NUMBERS FOR OUTAGE
CALLS:
Office: Monday through Fridays from 7:304:00 p.m. & Saturdays till NOON.
Elizabeth 10.
Evenings, Sunday & Holidays:
Robert J. Wand—Mt. Carroll 7442
Ralph J. Smuck—Elizabeth 171
Harry W. Ehrler—Elizabeth 168

Another year has come and gone with one of the most successful years in your cooperative history, both in service and financially. The cooperative is financially stronger than at anytime since its or-



C. C. Youtzy

ganization. The credit must go to you members who stayed with us in those days in past when the voltage was very low and service was bad. We hope we can continue to give you the very best service possible in the future and it is our sincere ambition to keep improv-

ing each year.
To those of you who did not attend our annual meeting this year, we want to say it was the largest in the co-op's history. Over 1000 box lunches were served and many commented that it was our best meeting.

NOTES FROM MEMBERS

"Sorry I did not write sooner to tell you how happy I was to receive an electric frying pan. I really appreciate it. I know I will get a lot of use out of it. Many Thanks." Mr. and Mrs. John Groezinger, Elizabeth.

"Dear Sirs: All of us wish to thank you sincerely for the electric fry pan we received at your annual meeting.

"We didn't have one, but I have since used it and we like it fine. Everyone should have one, I believe. I am sure our electric bill will be more, as hardly a day goes by without my using the fry pan at least once. You had a fine meeting, and all of us thank you for everything. Sincerely; Mrs. Paul Daehler, Mt.

Manager Charles C. Youtzy and Everett. R. Read, co-op vice-president and member of Dairyland Power Cooperative Board of Directors attended a meeting held in the Dairyland Power Cooperative office in La Crosse, Wis., December 20.

Darlene Marie Hancock was an early Christmas gift to our wiring inspector, Donald Hancock. She was born December 14. She has three sisters to help



"Just the same, it will never replace a mother's true love."

News from **ADAMS** Electrical Co-op

Camp Point Dean Searls, Manager

Since January 1, we have had a promotion of interest to all members who have pigs, lambs, or chicks. The promotion was very successfully carried out by several of our neighboring co-ops last

year and we want to pass the same savings

on to you members. The plan, called "Buy a Pair and Get A Spare", makes it possible for you members to buy two hard glass 250-watt, infrared heat lamps for \$5.90 and get a third heat lamp free. The savings for each kit



Although the lamps are available in the office at the same price, we plan to carry out the major portion of the promotion through the mail. The January issue of our newsletter contained a coupon with which members may order as many kits of three heat lamps as they want.

Dean Searls

Checks or money orders, covering the purchase, may be mailed in with the coupon, or if you prefer, statements will be mailed to participating members after the lamps have been shipped. All mail orders will be handled promptly and the lamps will be shipped to members in special mailing cartons via prepaid parcel post. No C.O.D. orders.

HEAT LAMPS USES

In addition to brooding young livestock and poultry, heat lamps have dozens of about the farmstead and home. Heat lamps should be kept on hand all during the winter because they can be used to thaw frozen pipes, warm engines on cold mornings for easier starting, and for sore, aching muscles. Heat lamps for milk parlor and milk house heating are very popular. Order now, while the supply is plentiful.

News from SOUTHWESTERN Electric Co-op

Greenville V. C. Kallal, Manager

TELEPHONE NUMBERS TELEPHONE NUMBERS
Bond County—Office, Greenville. Tel. 1025.
Office Hours: 8:00 a.m. to 5:00 p.m. except Saturday, Sunday or Holidays. Before or after office hours call: Paul G. Morgan, Greenville 796: Jack Compton, 984 or V. C. Kallal, Greenville 379
Fayette County—W. E. Jones, St. Elmo 326.
Madison County—Ed Barnes, Edwardsville 1087.

You and 7,200 other members purchased just a little less than \$1,000,000 worth of electric energy through your cooperative in 1956. In percentage the sales for 1956 were a little more than

13 per cent above 1955. In dollars of increased business, this represents the largest increase in your co-operative's 17 year history. members

averaged 341 kilowatt-hrurs per month. Similar increases were made in the residential and commercial classifica-

V. C. Kallal - C tion of consumers.

The introduction of bulk milk cooling, good crops and other factors contributed to the general increased use of electric power by the farm members. With farm labor becoming more and more scarce and costly, electric service must be put to more uses to maintain reasonable costs of production.

CAN WE HELP?

It is encouraging to note the increase in the number of members who call on their cooperative office for help and suggestions regarding the use of electric service. This applies both to use in the home and on the farm. Quite often technical information is available which will help the member determine how best to use his electric service.

However, we do not wish to confuse you by mentioning technical information. To the contrary, most information received from the cooperative will be very basic and practical in nature. Many times your problem has been solved by other members, and it requires but the relaying of this information to you.

In any event, if you have a problem or question concerning the use of electric service on your farm or in your homes, the chances are good that we can help As your employees, that is our job and we will help in any way possible, if only given an opportunity.

LET US KNOW

Many homes will be using, for the first time, such appliances as electric ranges and electric water heaters. Please notify your cooperative office of such new equipment. Upon receipt of such information, a check will be made immediately on the size of the transformer and other equipment serving your home or



Electrical Co-op Carthage

farm. If the cooperative's facilities are

not large enough to adequately serve you, changes will be made immediately.

member, to keep us posted. A note with your remittance or written across the face of your meter reading sheet will do.

Make it a New Year's resolution to do better on this score. And thanks to all who have so promptly advised us of new

Cooperation among yourselves has been responsible for bringing and main-taining electric service to your farms at

1935 rates. Cooperation with your man-

agement in little things, such as sug-

gested above, will help to maintain your present low rates for electric service.

Members in Bong and Madison Coun-

ties experienced for the first time in 17 years damage from ice-laden lines. It is

not very often that weather conditions

are exactly correct for the formation of

ice on the wires. Also, because exacting

conditions are required, it is very sel-

Our power supplier also had some

trouble on the lines serving the sub-

stations which further complicated re-

pair of the lines.

At this time, it is estimated that the ice damage cost your cooperative in ex-

dom that a large area is affected.

equipment added in the past.

We depend very largely on you, the

Lee Leonard, Manager

Office Hours—8 a.m. to 5 p.m. through Friday: 8 a.m. to 12 p.m. on Saturday. Telephone 84—Carthage.

In case of interrupted service, outside of regular office hours, call one of the following numbers:

Lee Leonard. Carthage, 560
Clarence Hutchins, Carthage, 495J.
Luther Bennet, Carthage, 416J.

Roger Goetz, Carthage, 360M.

Electric brooding of pigs, lambs and chicks with infra-red lamps is more popular than ever this year. These lamps are very economical in price and also in cost of operation. Young livestock and

poultry mature faster with heat lamps than those brooded in other

When using one to five heat lamps, a 115volt circuit will be sufficient. However, if you are using over five heat lamps, we ecommend the use or 230-volt circuit which will enable you to balance the load

making the operation more efficient. We recommend the use of the hard glass (red) bulbs rather than the soft glass (white) bulbs which will break very easily if water should come in contact

with them while they are lit. CHRISTMAS PARTY

The directors, employees and their families held their fourth annual Christmas dinner party, Monday evening, December 10, at the Masonic Temple. Herald Shrine served a very delicious turkey dinner with all the trimmings.

The room was nicely decorated with evergreen, a Christmas tree and lights, colored balls and balloons. It was a very informal gathering with dear Old Santa as the featured attraction. After Santa left ,a few games of bingo were played which interested both young and old.

There seems to be considerable question in the minds of members concerning the necessity of proper fusing of circuits within their buildings. The fuses, of course, are the safety valves of your wiring system. When the fuses are too large or if they are bypassed by using pennies or some other means, then you have eliminated the safety valves and the wires can become overheated.

Your cooperative feels that proper fusing is essential to the efficient, safe use of electricity. It is for this reason that we recommend the use of Type S fuses commonly called fustats.

Some members do not like fustats because if a fuse burns out they cannot put in a larger one. This is true, and they are designed that way to protect the member from over-fusing his wiring system.

If a fuse holder is adapted to use 15 ampere fustats you cannot use 20 or 30 ampere fustats in it. This is also true of the other sizes. Several of the members we talked to recently did not know this and had difficulty getting their equipment to operate. Fustat adapters have written on them the size of fustats that they will accommodate. If you have any questions about the fusing of your wiring system, contact the office of your cooperative in Carthage.

please care... sends 22 lbs. of food to the world's hungry Join the CARE Food Crusade CARE CHICAGO Enclosed find \$.... ___ for Food Crusade packages to be delivered in my name, wherever most needed. YOUR NAME _ ADDRESS _ ZONE STATE Note: Contributions are Income-Tax Deductible

Hey Mom, Got Any Cookies?

How many times have your youngsters come bouncing into the house and yelled that ever-familiar phrase -"Mom, I'm hungry, got any cook-

The cookie jar is a tradition in many homes, and well may it be, for good flavorsome cookies give great pleasure to not only the youngsters, but to every member of the family.

Cookies are very much like shortened cakes, or "butter" cakes. In fact, they contain just about the same ingredients as cakes, but they contain them in different proportions. They are sometimes defined as "small cakes made thin and baked quickly.

To make perfectly shaped, wellflavored cookies takes skill and experience. The same accuracy and care in measuring and mixing ingredients, and in time and temperature for baking, are necessary as in making good cakes. Therefore, all ingredients should be measured accurately and combined exactly as directed in the recipe Do not take short cuts. As you acquire skill and knowledge of good standards, you can change proportions and make substitutions.

While there is no end to the kinds and shapes of cookies that can be made and the ways in which they can be decorated, most of them can be included in a few main groups. Five groups are represented in this selection of recipes: Drop cookies, rolled cookies, ice-box or refrigerator cookies, cookie-press cookies, and cookies made in a large sheet and cut after they are baked, sometimes called spread cookies.

When deciding on the kind of cookies you want to make, consider the experience or skill required-for some cookies are more difficult to make than others. Also consider the purpose for which you want them, and how long you wish to keep them.

Ways of Using Cookies

Cookies may be used for many purposes. They are excellent for lunches. With fruit they make a wholesome dessert. Combined with custard or gelatin they may become the foundation for an elaborate or fancy dessert. And for teas and parties an indefinite number of kinds and shapes can be

Dry sugar cookies, ginger snaps, and other crisp cookies may be crushed and the crumbs used in making crusts for chiffon pies.

Making Cookies-What to do First 1. Read recipe and directions in

- the recipe completely and carefully. 2. Make sure the oven temperature will be right by the time the oven is needed.
- Assemble all utensils and in- measuring. gredients.
- 4. Wash, dry, and cut dried fruit if the recipe calls for it, and shell and cut nuts if they are to be used.
- 5. Grease the baking pans if they are to be greased.
- 6. If the sugar is lumpy, sift it. 7. Sift the flour once before meas-

uring it.

Watch Measurements Closely Correct measuring is one of the most important things in making good



Pumpkin Harvest Cookies & Honey Drop Cookies

cookies. Note carefully the following directions about measurement:

- 1. All measurements in standard recipes are level unless otherwise stated.
- 2. A cup that holds exactly ½ pint is best for measuring dry ingredients; one that holds more than 1/2 pint is best for liquids.
- 3. Do not dip the measuring cup into flour, milk, or other ingredients. This may cause faulty measurements, and besides it is an untidy and wasteful practice. For dry ingredients use a spoon or small scoop to fill the cup.
- 4. To measure a cupful of dry ingredient, fill the cup and then level it off with the straight side of a
- 5. To measure a teaspoonful or such as sugar or salt, dip the spoon into the material and level it off with the straight side of a knife. For a half-spoonful divide the level spoonful lengthwise with a knife. For a quarter, divide a half crosswise. (A set of standard measuring spoons consisting of a tablespoon, teaspoon, halfteaspoon, and quarter-teaspoon may be bought for a few cents and are very helpful in making accurate measurements.)
- 6. Always sift flour once before
- 7. Pack shortening ,butter, lard, or other fat) into the measuring spoon or cup. If a fraction of a cupful is called for, the water method of measuring is useful. Fill measuring cup with water, then pour off an amount equivalent to the amount of fat to be used. Then put in fat until the water reaches the "full" mark. Pour off all the water (do this thoroughly or an excess of liquid will be added to the mixture), and an accurate measure of the fat is left.

Here are some cookie recipes which

we think that not only the youngsters but the other members of your family will all want "seconds" of. First, let us see how the two kinds of cookies pictured above are made. In the back row on the tray are Pumpkin Harvest Cookies and the front row are Honey Drop Cookies. Here are the recipes for them:

Pumpkin Harvest Cookies

1/2 cup fat

11/2 cups sugar

1 egg 1½ cups mashed cooked pumpki 1¾ cups sifted all-purpose flour

4 teaspoons baking powder

1/4 teaspoon nutmeg 1/4 teaspoon cloves

½ teaspoon ginger

1/2 teaspoon cinnamon

1 cup raisins or chopped nuts 1 cup whole bran

Cream fat; add sugar gradually, beating well to blend. Add egg and pumpkin and beat well. Sift together tablespoonful of a dry ingredient, flour, baking powder, and spices. Add to first mixture, beating well. Fold in raisins or nuts, and whole bran. Drop batter by tablespoonfuls two inches apart on greased cookie sheet. Bake in moderate oven (375°F.) 18 to 20 minutes. Yield: About four dozen

Honey Drop Cookies

1/2 cup fat
1/2 cup honey
1/4 cup sugar
1 teaspoon vanilla
2 eggs, well-beaten
1/2 cup sour cream
1/2 cups sifted all-purpose flour
1 teaspoon baking powder
1/2 teaspoon soda
1/4 teaspoon soda
1/4 teaspoon salt teaspoon salt teaspoon cinnamon ½ teaspoon cloves
½ teaspoon nutmeg
½ cup chopped nuts
½ cup chopped dates
1 cup rice cereal

Blend fat, honey, sugar, and vanilla until fluffy. Add eggs and sour cream and mix well. Sift together the dry ingredients and add to first mixture. Stir in the nuts, dates, and rice cereal. Drop by level tablespoonfuls onto lightly greased baking sheet. Bake in moderate oven (350°F.) about

15 minutes. Yield: Four and one-third dozen cookies.

Apple Sauce Drop Cookies

cup fat
1 cup sugar
1 cup strained apple sauce (unsweetened)
214 cups flour
1 teaspoon soda
14 teaspoon salt
14 teaspoon cloves
14 teaspoon cinnamon
14 teaspoon nutmeg
14 cup raisins (if desired)

Cream fat; add sugar gradually. Add alternately some of the sifted ingredients and some of the apple sauce. Raisins may be added if desired. Drop from teaspoon onto a slightly greased cookie sheet. Bake 10 to 12 minutes in hot oven (400°F.).

Mincemeat Bars

2 eggs
% cup sugar
% teaspoon salt
1 cup flour
1 teaspoon baking powder
% cup mincemeat
% cup chopped nuts

Beat eggs until light. Add sugar gradually, continuing the beating. Sift dry ingredients and add to eggs and sugar. Fold in nuts and mincemeat. Grease pan and cover bottom with waxed paper. Pour mixture into it and bake in slow oven (about 325°F.) for 25 to 30 minutes. Cut into strips. Roll in powdered sugar if de-

Crisp Molasses Cookies

cup butter or margarine, melted cup molasses, heated cup brown sugar teaspoon nutmeg teaspoon ginger teaspoon cinnamon teaspoon allspice teaspoon salt

teaspoon salt % teaspoon soda 3% cups pastry flour

Combine butter or margarine, heated molasses, sugar, spices, salt, and soda. Add flour and mix thoroughly. Let stand in refrigerator or cold place overnight. Roll very thin and cut with fancy cutters. Place cookies on ungreased baking sheet and bake in moderate oven (375°F.) for eight to 10 minutes.

Butterscotch Cookies

cup butter or margarine
cup brown sugar
egg, beaten
dealer teaspoon vanilla
dealer teaspoon baking powder

Cream butter or margarine and sugar. Add beaten egg and vanilla and mix well. Add flour and baking powder sifted together. Mix thoroughly and pack firmly into the cookie press. Force dough through press in shapes desired and onto an ungreased cookie sheet. Bake in hot oven (400°F.) for eight to 12 min-

Refrigerator Spice Cookies

1/2 cup fat
1/3 cup molasses
1 egg
1/2 cups flour
1/4 teaspoon salt
1/2 teaspoon soda
1/4 teaspoon baking powder
1/4 teaspoon ginger
1/4 teaspoon cinnamon
1/4 teaspoon allspice

Work fat until very creamy, add molasses and beaten egg, and beat thoroughly. Sift all dry ingredients together and add gradually to first mixture. Form into roll or press into mold and chill. Cut in very thin slices and place on cookie sheet. Bake in moderate oven (375°F.) for 10 to 12

New Patterns For Handiwork Fans

Now that Christmas shopping (and exchanging) is over with for another year, it would be a good time to think about getting some crocheting done during the cool winter evenings. Here are some patterns from which we hope you can find some that will be of interest to you.

As always pattern leaflets are free, and yours just for the asking! All you have to do is check the patterns you wish on the Pattern Order Coupon below and send with your order a STAMPED and SELF-ADDRESSED envelope for every THREE patterns you order.

1. STRIPED SCARF—Let the wind blow, and the snow fall, this striped scarf guarantees warmth and comfort to head, ears and neck all winter long. It's attractive and very simple to make. The scarf is knitted entirely in the garter stitch in rows of tangerine, pink and walnut. Long multi-color tassels trim each end.

2. BED JACKET—For those who want to look lovely while recuperating or reading in bed, here's a pretty little jacket to lighten your mood. It's made of the new crochet wool that was developed specifically for fine and delicate textures. The loosefitting bodice, collar and sleeve flounce are crocheted in the dainty knot stitch, while the yoke is solid crochet.

3. CROCHETED PULLOVER SWEATER-Looking for an attractive and yet very warm sweater? Here is your solution. This pullover sweater crocheted in a bright color would brighten up some of your darker

skirts and make a very pretty outfit.
4. MITTENS AND SOCKS— Every man from Junior to Gramp can use warm woolly socks. Here you have a choice of plain or cable socks to pamper the feet and to take the bite out of Jack Frost's nip. The matching mittens can also be made up in plain stockinette stitch with ribbed wristbands or with a double cable on the

5. COLLAR—Here's a catchy collar that will really dress up a sweater terrifically. Crochet it in white and fasten it with a tie.

6. BATHROOM SET-Bathrooms are becoming much more important in home decorating circles. And, as a consequence, everyone is becoming more bathroom beauty conscious. Exciting bathroom accessories are very popular, and any of the ideas featured here would make attractive sets. One set includes crocheted monograms on both towels and face cloth and a matching hand towel zippered to fit a waste basket. Lacy crocheted edging with tiny fringe trims each piece. The matching rug and seat cover are crocheted in flamingo rug yarn in a raised design with solid crochet border. Dainty crocheted insertions add a fragile look to pastel guest towels.

7. RIBBED CARDIGANS—For youngsters on the move-boys and girls will keep warm and look well in these neat sweaters. Boy's ribbed cardigan has a choice of V or round neck. Little girl's choice is a split cable pullover sweater which combines cables and moss stitch that is most interesting to knit.

8. CROCHETED SWEATER-BLOUSE—Perfect to wear under suits is this plain and simple pullover. This trim style makes a pretty point of its texture, a close, crocheted design. Grosgrain ribbon outlines the throathugging neckline and continues in a double band down the front.

HELPFUL HINTS

If you've wondered how you can use your sandwich grill and electric coffee maker in the kitchen at the same time without blowing a fuse, try plugging one appliance into the outlet on your electric

If your range outlet doesn't work, it probably needs a new fuse. This fuse is usually found near one of the upper corners of the oven opening and can be seen when the door is open.



1. Striped Scarf



5. Collar





4. Mittens and Socks



3. Crocheted Pullover Sweater

Box 1180





Bathroom Sct

7. Ribbed Cardigans

Judy Parker ILLINOIS RURAL ELECTRIC NEWS Springheld, Illinois

Please send me without charge the pattern leaflets which I have checked below. I am enclosing a STAMPED, SELF-ADDRESSED envelope for every THREE patterns requested. (If possible, the envelope

Pattern Order Coupon

which MUST accompany all pattern of	rders should be of the larger size.)
1Striped Scarf 2Bed Jacket 3Crocheted Pullover Sweater 4Mittens and Socks My name is	5Collar 6Bathroom Set 7Ribbed Cardigans 8Crocheted Sweater-Blouse
Address.	
Comment (it any)	

This coupon EXPIRES Feb. 15, 1957. Orders must be postmarked by that date.



Crocheted Sweater-Blouse

January, 1957 Illinois Rural Electric News

Jo-Carroll Co-op President Calls For Unified Co-op Membership

Standing room was at a premium year comparison of the co-op's operaat the 17th annual meeting of the Jo-Carroll Electric Cooperative, held December 1, in the Mt. Carroll High School gymnasium, Mt. Carroll. Approximately 1,000 box lunches were distributed to the crowd during the noon recess.

President Morris W. Birkbeck called for the membership to present a united front against "those who would destroy us." Birkbeck pointed out that the co-op cannot be taken for granted just because most of the people have electric service.

He said it is the duty of each and every member of the co-op to take an active interest in the co-op. "We should also inform our young folks about why we have the co-op and of what good it is. Each one of us should do a little missionary work among our friends and neighbors. Let's tell them what the co-op means to all of us."

Birkbeck reminded the members that outside interests, namely big power companies, are spending huge sums of money in lobbying against co-ops. "We have made such a success of operating, they feel they could make a profit out of us."

The president explained that if the co-ops were taken over by power companies, the memberships could expect higher rates without any say in the operation of the businesses.

To help prevent this from happening, Birkbeck said the members must attend the annual meetings. "This is the most important day in the co-op year. It's when you can take an active interest in your business. Only members of co-ops can exercise this privi-

Manager Charles Youtzy gave a 10

POULTRY RAISERS

Bargain nite for America5s leading poultry magazine. 12 months only \$1.00. Trial offer 9 months 25c. Eve-ery issue packed with raising helps. Problems answered. Subscribe TODAY! POULTRY TRIBUNE





DID YOU KNOW?

EFFINGHAM, ILLINOIS

You can reach 430,000 prospective buyers by using the classified section.

> SEE PAGE 15 FOR LOW RATES!

tions in which he pointed out the average monthly kilowatt-hour consumption has jumped from 110 to 437. During this same period line loss had been cut from 27 per cent to

Youtzy explained that the increase in usage of electricity was planned for by the co-op. Heavier lines were installed in order to insure adequate

The manager said it might be a good idea for members to plan ahead in the use of electricity and have their wiring large enough to handle the future loads. "It would prevent a lot of trouble."

Youtzy explained that a service man has been stationed in Mt. Carroll for the co-op. "This will provide better and faster service in this area," The co-op has plans to station more maintenance men out in its territory.

Reports were also given by treasurer Clayton Dittmar and Secretary Mrs. Berniece Moore. A. E. Becker, manager of the Association of Illinois Electric Cooperatives gave a brief report on the activities of the State Association.



2 More Co-ops Join In State Wholesale Rate Negotiations

At its regular monthly meeting, December 20, the State Association board of directors received resolutions from Eastern Illinois Power Cooperative of Paxton and Illinois Valley Electric Cooperative of Princeton, signifying that those co-ops will participate in the Association's wholesale power negotiations. This brought the number of co-ops represented by the Wholesale Power Committee to

Committee Chairman, Roy E. Horton announced the names of committee members: They included, Ralph Hastings, V. C. Kallal, T. H. Hafer, Homer Brown, Maurice Johnson, Joseph Heimann, L. C. Groat, and Charles B. Soper.

President F. J. Longmeyer was selected as voting delegate to the annual meeting of the National Rural Electric Cooperative Association to be held in Chicago, March 4-7. Horton was chosen as alternate delegate.

The board voted against sponsoring a breakfast for Illinois delegates to the NRECA meeting. Following a request by Editor William E. Murray of the Illinois Rural Electric News ,the board approved the establishment of a publication committee to assist and advise Murray on problems relating to publishing the state magazine. President Longmeyer appointed the following to the committee: Wayland Bonnell, George Pape, Philip Heggemeier, Roy Horton, and himself. A. E. Becker and Murray were made ex-officio members.

A landowner may hold and use as much surface water on his land as he wishes, even to the point of not allowing any runoff to his neighbor, says a University of Illinois specialist in agricultural law.

Farm Kitchen features galore!

See them all in America's "Handiest" Refrigerator-Frigidaire for 1957!



Already it's America's farm kitchen favorite. Because here - in this strikingly new Frigidaire Food Freezer-Refrigerator - are more bonus features for farm foodkeeping than you've ever seen

Start with style. The sleek, straight lines of Frigidaire Sheer Look styling give you breathtaking beauty outside - more room for farm produce inside.

And see how smartly that extra space is used.

Open the separate freezer door and size up the space this big food locker offers - enough for 84 pounds of farm-fresh produce!

Try the exclusive Frigidaire Ice-Ejector that triggers a trayful of frosty-dry cubes into a storage bin. Note, too, those handy dispensers for juice cans and frozen food packages.

And, while you're checking door features, take a close-up look at the Plan-A-Door. See how easily compartments move up, down, out. You'll find door shelves with space to spare for everything from ginger ale bottles to baby food jars.

Now shift your gaze to the light-flooded refrigerator section that defrosts itself automatically.

Aluminum shelves glide all the way out - at a finger's touch. So do twin porcelain hydrators that hold more than a half bushel of farm fruits and vegetables.

Yes, see all these bonus values and you'll see why the 1957 Frigidaire Refrigerator is being hailed as the "Handiest" Refrigerator ever and the best buy -by far-for America's farm kitchens.

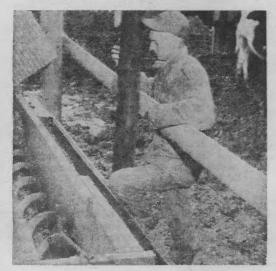
Your friendly Frigidaire Dealer is waiting to show it to you. How about it today?

57 FRIGIDAIR REFRIGERATORS

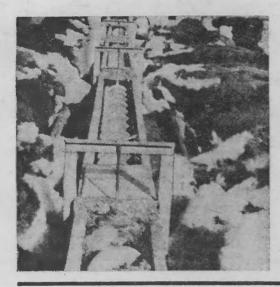


ELECTRICITY MAKES

FEEDING EASY



Reimond Heseman watches electrically-powered auger as it carries silage to his cows. The effortless job takes



to an auger, makes feeding cattle practically effortless, say Vincent Lemenager and Reimond Heseman, two farmers who should know. They both installed automatic feeding equipment last year.

Lemenager, who lives near Clifton in Iroquois County, reached the place where he either had to get out of the cattle feeding business, or find some way of cutting down the many hours of back-breaking labor involved in handling them. Feeding 50 head was a sideline to his main job of farming 600 acres.

It used to take Lemenager two hours a day to carry silage to the cattle. "Now the same chore takes only six minutes,"

Lemenager installed a nineinch auger over his 50-foot bunk, which extends out from the silo. He purchased the auger for less than \$200.

One end was put underneath the silo, in a small shed, for protection against the weather. The controls for the auger and silo unloader are located here. "This is the simplest and easiest way I've seen yet to feed cattle," Lemenager points out.

Lemenager also has his feeding system arranged so that he can dump ground corn into the hopper at the end of the auger at the same time he feeds silage. "You get a much better distribution of feed with the auger than you can get by hand," he

Future plans call for extend-

An electric motor hooked up ing the auger a little farther out to reach his other silo. "Then I can feed from either silo by reversing the auger," he explains. Lemenager is a member of Eastern Illinois Power Cooperative of Paxton.

> Reimond Heseman, who farms with his father, Richard, near New Minden, Washington County, remodelled the feeding system for their milk cows, in order to double the herd. 'We're trying to increase our net by increasing our volume. But to do this we had to find some way to reduce labor at the same time.'

A suspended auger combined with an electric silo unloader, was the solution to this problem. Where it used to take one hour just to feed 20 cows, Heseman says, "We can feed 50 cows now in less than 10 minutes. That gives us time to do other things," he remarks.

The auger supplies silage over a 54-foot long bunk. A roof was put over this bunk to provide protection against the weather. "Cattle, like humans, appreciate being comfortable when they eat," Heseman ex-

Heseman says, "We used to spend an hour each feeding when we were milking 20 cows." But, now with the herd doubled, they spend less than 10 minutes. "It won't take long for this savings in time and labor to pay the cost of the auger," the young dairyman points out. Heseman is a member of Tri-County Electric Cooperative of Mt. Vernon.

These cattle belonging to Vincent Lemenager are fed in six minutes, thanks

Pond Solves

(From Page Three)

An electric meter was installed at the pump house to record the number of kilowatts used in pumping water. During a year's period it was found only 300 kwhs. were needed to supply the farm's water needs. At two cents a kilowatthour, that's only \$6 a year.

"You can't beat that cost," the farmer-conservationist points out. "It costs almost that much to haul one load of water." Johnson gets his electricity from Illinois Rural Electric Company of Winchester.

To encourage other farmers to build ponds, Johnson and Karl Longenbaugh, power use adviser of the electric cooperative, formed the Scott County Water Steering Committee.

He is the first to point out that ponds require some maintenance. Besides the small cost of electricity, some seeding and repair of the dam or shores is needed. Then the chlorine supply must be checked frequently, and the dechlorinator filters need changing about twice a year. And to prevent the stock from getting into the pond, fencing is required. "None of these costs, however prohibit the average farmer from having a pond," Johnson believes.

Stockholder Seeks To Oust Power Company Officials

holder last month brought suit in the the election of a board of directors St. Louis Circuit Court, attempting that will appoint management to reto oust Union Electric President Wes- place the present management." ley McAfee and other company offi- Under new management, the peti-

J. Raymond Dyer filed the suit, charging that the controversial \$35,000 lobbying fee in connection with the Union Electric-Orville Hodge lobbying investigation was not in the best interests of the company, but only in the interests of the present management.

Dyer filed the suit in behalf of his 20-year-old daughter, Nancy, a junior at Bryn Mawr College, who owns 100 shares of the utility's common stock.

Dyer's petition requested the court to force Union Electric to make available to Dver the names and addresses of voting stockholders and the use of addressing plates containing stockholders' names.

The petition stated that the purpose of gaining access to the names of stockholders was "to be able to advise them what the present management has been doing," and to ob-

A Union Electric Company stock- tain proxies so as to "bring about

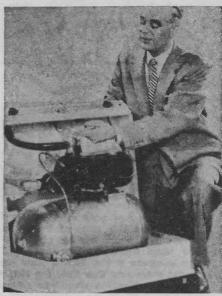
tion asserted, "the affairs of said company will be conducted in a manner more to the interests of said company and its stockholders than in the past."

Circuit Court Judge Waldo Mayfield subsequently issued a writ of mandamus requiring Union Electric to show cause why the petition should not be granted.

Dyer's petition revealed that he had been refused permission to attend a board of directors meeting shortly after the St. Louis Post Dispatch had disclosed the \$35,000 Union Electric-Orville Hodge lobbying fee. The refusal was made by McAfee with the explanation that Dyer's attendance was "impossible."

Last year 155 Illinois farmers were killed or injured seriously by their own cornpickers.

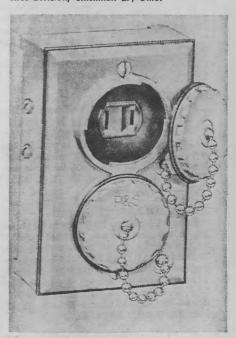
What's New?



Smartly styled to harmonize with modern appliances is this new Beauty-Jet Cabinet Pump, which houses a three-way jet pump, a 12-gallon tank, designed for shallow or deep well applications. Compact, the cabinet measures only 32 inches high, 30 inches wide and 20 inches deep. The front panel can be quickly removed for easy servicing. On-off dials, and a pressure gauge are featured on the control panel. A drip pan is located under the tank to catch any condensation. The unit is priced from \$179.50 up. It is manufactured by the Clayton Mark Company, 1900 Dempster street, Evanston, III.



Latest in kitchen equipment is this combination mixer, blender, juicer, and knife sharpener built into the counter top. There are six speeds from the one-fifth horsepower motor, installed below the counter top. When not in use a cover is placed over the drive shaft. The unit occupies an area of only 10 by five inches. It is listed at \$74.95 and is made by the Nutone, Inc., Appliance Division, Cincinnati 27, Ohio.



Here is a weatherproof duplex outlet complete with its own mounting box. Cover and plate gaskets, as well as rubber grommet are furnished to seal the entire installation against the weather. The box is made of cast aluminum with aluminum alloy caps. Provision is made in the box for a ground wire. It is necessary to drill only one hole to install the outlet, which is UL-approved. Pass & Seymour, Inc., Syracuse, N. Y., make the product and distribute it through electrical contractors. Cost is about

Check wiring on your farm regularly for loose connections, especially on brounding circuits, to prevent trouble from short circuits.



Hi Pen Pals!

Start the new year off right by reading through this page of letters to see if there is some boy or girl that has the same hobby as you have so you can compare notes. Here's your chance to get some new Pen Pals for 1957. Letters for publication should be addressed to Judy Parker, Junior Rural Electric News, Box 1180, Springfield, Ill.

DECEMBER BIRTHDAY

I am 13 and in the eighth grade. My birthday is December 16. Have blond hair and green eyes. My hobbies are playing basketball and writing letters. Would like to hear from boys and girls of all ages.—Wanda Lee Winesburgh, R. R. 2, Wayne City, Ill.

DRIVES A TRACTOR

I am 12 and my birthday is March 26. I am in the seventh grade. I go to Junior High at Vandalia. My hobbies are driving a tractor and riding my bike. I have three brothers and one sister. Would like to hear from boys and girls between 10 and 14.-Garry Anthony Lash, Route 10 and 1±. 2, Ramsey, Ill.

ENJOYS WORK

I am 16 and my birthday is January 29. I am five feet, seven inches tall, weigh about 140 and I have brown eyes and brown hair. I have two sisters. My hobbies are listening to hillbilly music and reading mostly, but I like to dance, sing, sew and cook. I would like to hear from boys and girls between the ages of 16 and 20.—Esther Marie Torrence, R. R. 3, Farmer City, Ill.

GOES TO ST. MARY'S SCHOOL

I am nine and my birthday is February 13. I am in the fourth grade and I go to St. Mary's School. My hobbies are reading and writing. I would like to hear from boys and girls around my age with a picture too.—Linda Glasker, R. R. 1, Galena, Ill.

PLAYS SOFTBALL



I'm 10 and my birthday is September 21. I have blonde hair and blue eyes. My hobbies are all kinds of sports, especially softball, basketball and baseball. I would to hear from boys and girls of all ages.—Jim Gray, Box 261, Noble, Ill,

MAY BIRTHDAY

I'm eight years old and my birthday is May 24. I have blonde hair and blue eyes. My hobbies are watching TV and singing. I also won the township spelling contest last year. I would like to hear from boys and girls between seven and 11.-Joyce Dowdy, R. R. 2, Box 51, Carrier Mills, Ill.

LIKES HILLBILLY MUSIC

I am 13 and my birthday is September 10. I go to Duncan School and I'm in the eighth grade. I have dark brown hair and gray eyes. My hobbies are cooking and listening to hillbilly music and enjoy getting school lessons. Would like to hear from girls and boys of all ages .- Shirley Catherine Dowdy, R. R. 2, Box 51, Carrier Mills, Ill.

COLLECTS DOG PICTURES

I am 10 and my birthday is February 15. I have brown eyes and brown hair. My hobbies are swimming, collecting dog pictures and going to the show. I have one brother. I would like to hear from girls and boys from 10 to 12 with pictures too .- Joyce Gemmill, Steeleville, Ill.

LOVES HILLBILLY MUSIC

I am 14 and my birthday is October 26. I have light red hair and blue eyes. I'm five feet, seven and one-half inches tall and weigh 142. I like popular and love hillbilly music. My favorite singer is Ernest Tubb. I am a Freshman at Kinmundy-Alma Community High School. I would like to hear from boys and girls between the ages of 14 and 19.-Viola Powell, R. R. 2, Alma, Ill.

PLAYS BASEBALL

I am 16 years old. My birthday is August 16. I have dark brown hair and blue eyes and I weigh 115 pounds and I am five feet, five inches. I have three sisters and two brothers. My hobbies are playing baseball and watching TV. I also like to read books. I would like to hear from boys and girls between 15 and 16.—Betty Jean McKinzey, 919 East Johnson Street, Clinton, Ill.

LIKES TO DANCE

I'm 14 years old. My birthday is January 2. I have light brown hair and light blue eyes. I go to the Chase Lincoln where I'm in the eighth

grade. I'll be going to high school this fall. I have three brothers and one sister. My hobbies are dancing, going to movies, riding bike, playing rec-

ords, singing, writing letters and col-lecting items from Pulaski High School. I would like to hear from both boys and girls from the ages of 14 to 18. I promise to answer all the letters I get. Please fill my mailbox. I'll be waiting for your welcome letters.-Jane Wilinski, Route 1, Box 177, Krakow, Wisconsin.

LIKES TO READ AND WRITE

I am 12 years old. My birthday is Februray 9. I am five feet, two inches. I have brown hair. My eyes are hazel. My hobbies are reading and writing letters. I go to Montrose Grade School. I am in the sixth grade. I would like to hear from boys and girls between 10 and 13. -Edith Ann Welch, Box 45, R. R. 1, Sigel, Ill.

HORSEBACK RIDING

I am 11 years old and my birthday is April 21. I am five feet, one and I have brown hair and brown eyes. My hobbies are riding horses and reading and writing letters. I'm in the sixth grade and I go to Montrose Grade School. I would like to hear from boys and girls between 10 and 13.—Ruth Ann McClellan, Box 48, R. R. 1, Sigel, Ill.

PLAYS BASKETBALL

I am 13. I have light brown hair and brown eyes. My hobbies are basketball and baseball. I would like to hear from boys and girls between 12 and 14.-Ronnie Fehrenbacher, R. R. 1, Ingraham, Ill.

PLAYS CLARINET

I am 12 years old. I'm in the sixth grade at Equality Grade School. I have blonde hair and blue eyes. I am five feet, one-half inch. My hobbies are playing my clarinet, cooking and watching television. I have two brothers. My pets are one dog, four cats and one bird. I would like to hear from boys and girls between the ages of 10 to 14.-Shelby J. Tarlton, R. R. 1, Equality, Ill.

HAS A PET COON

I am 11 years old and in the sixth grade at Equality Grade School. I have dark brown hair and blue eyes. My hobare playing my trumpet and piano and also cooking. My pets are a coon ..nd two cats. Would like to hear from boys and girls between the ages of nine and 14-Rosemary Wallace, Box 132, Equality.

PLAYS CLARINET



I'm 11 and my birthday is February 24th. I have blue eyes and blonde hair. My hobbies are playing the clarinet, watching TV and going to the show. I have two sisters. I would like to hear from boys and girls between 10 and 13. - Becky Lipe, Steeleville, Ill.

LIKES SCHOOL

I am a little girl seven years old. I go to Pin Hook School and I am in the third grade. I have blonde hair and blue eyes. I like to go to school very much and I like my teacher fine. I also like to play ball and all kinds of games. I also like to listen to the radio and would love to have some Pen Pals of all ages.-Reba Lindsay, R. R. 1, Herod, Ill.

4-H CLUB MEMBER

I am 11. My birthday is April 10. I have brown hair and hazel eyes. I belong to the Work-A-While 4-H Club. I go to Smithshire Grade School. I am in the sixth grade. I would like to hear from boys and girls between 11 and 13. I will answer all letters. I would like to have pictures if possible.—Shirley Wells, R. R. 2, Smithshire, Ill.

PLAYS BARITONE TUBA

I am 14 and my birthday is February 7. I have brown hair and hazel eyes. I am a Freshman at Tower Hill Community High. My hobbies are listening to popular and hillbilly music and also playing a baritone tuba in the school band. I live in the country. Would like to hear from boys and girls between the ages of 14 and 18.—Carol Wade, R. R. 1, Tower Hill, Ill.

LIKES TO ICE SKATE

I am 10 years old and my birthday is December 1. I have brown hair and blue eyes. I like to swim, roller skate and ice skate. I would like to hear from girls of all ages.-Donna Stroud, Buda,

LIKES BASKETBALL



I'm five feet, three and weigh 102 pounds. I am 17, my birthday is February 17. Do I have a twin? I have brown hair and brown eyes. I am a Junior at Crossville Community H i g h School. My hobbies are going to basketball games and watching TV. I would like to hear from boys and

girls between 15 and 19.-Ruby Baughn, Route 2, Crossville, Ill.

APRIL BIRTHDAY

I am 12 years old. My birthday is April 17. My eyes are blue and hair is light brown. My hobbies are writing letters and sewing. I also like to cook. I would like to hear from boys and girls of all ages .- Jerry Wilborn, R. R. 1, Gilman.

COLLECTS ROCKS AND SANDS

I am 11 years old and a sixth grader in Neoga Grade School. I weigh 731/2 pounds. I'm five feet tall. I have blonde hair and blue eyes. My hobbies are collecting rocks and sands and pictures of Queen Elizabeth. I would like to hear from boys and girls of all ages.-Kay Garrett, R. R. 1, Sigel, Ill.

RIDES BIKE



I am eight and my birthday is June 22. My eyes are blue and I have light hair. I weigh 59 lbs. My hobby is riding my bike. I would like to hear from kids between the ages of eight and 11.- Robert L. Farthing, R. R. 5, Marion,

PRESIDENT OF 4-H CLUB

am 13 years old and August 7. I am in the eighth grade at Harris High School. I am president of the Tick Ridge Warriors 4-H Club. My project is baby chicks. I have one little sister. I would like to hear from girls and boys from 13 on. I promise to answer all letters.-Margie Cox, R. R. 3, Petersburg, Ill.

LIKES HILLBILLY MUSIC

I am 15 and my birthday is June 7. I am five feet, four inches tall and weigh 120. I have blue eyes and brown hair. My hobbies are reading, watching TV and hearing hillbilly music. My favorite singer is Carl Smith. I have two sisters and two brothers. I would like to hear from boys and girls between 15 and 17.-Ruby Rochelle Hites, R. R. 1, Edgewood, Ill.

RIDES BIKE

I am nine years old and my birthday is September 19. I have brown eyes and brown hair. My hobbies are dancing and listening to records, riding a bike and roller skating. I am in the fourth grade at the Main Street School. I am in 4-H and enjoy it very much. Would like to hear from boys and girls between seven and 10.-Karen Burris, R. R. 2, Shelby-

GCES TO LINCOLN SCHOOL

I have brown hair and light brown eyes. My birthday is April 25. I wear glasses. I weigh 89 pounds. I go to Lincoln School in Mt. Vernon. My hobbies are bicycle riding and listening to the radio. I have neither brothers nor sisters. I would like to hear from boys and girls of all ages.-Darlene Davey, 1305 North Eleventh Street, Mt. Vernon,

DO I HAVE A TWIN?

I am 10 years old. My birthday is June 1. I have blonde hair and blue eyes. Do I have a twin or a Pen Pal? My hobbies are weaving potholders, collecting pictures of movie stars and watching TV .-Patricia June Allender, R. R. 1, Bridgeport. Ill.

FOURTH GRADER



I'm nine years old. My birthday is July 12. I am in the fourth grade and go to Shelby School. My teacher is Mrs. Marie Gaede. I have blue eyes and light hair. I like music and love to sing and ride my bike. Would like Pen Pals about my age. Would like to hear

from someone whose birthday is the same as mine. — Leila Belle Walker, R. R. 3, West Salem, Ill.

DECEMBER BIRTHDAY

I am nine years old. My birthday is December 6. I have red hair and blue eyes. My hobby is playing ball. I would like to hear from boys and girls from eight to 11.-Russell Dee Thomas, R. R. 1, Strasburg, Ill.

PLAYS BASKETBALL

I am 13. I have light brown hair and brown eyes. My hobbies are basketball and baseball. I would like to hear from boys and girls between 12 and 14 .-Ronnie Fehrenbacher, R. R. 1, Ingraham,

PLAYS PIANO

I'm 11 and my birthday is June 12. My hobbies are playing piano, listening to the radio, and playing basketball. I would like to hear from girls and boys of all ages-also send pictures. I am in the sixth grade,-Adadene Bebout, R. R. 4, Golconda, Ill.

LIKES TO READ

I am 16 years old. I have blue eyes and blondish hair. I am five feet, three inches tall. I am a Sophomore at Du-Quoin Township High School. My hobbies are reading and music. I would like to hear from boys and girls between the ages of 16 and 19. I belong to a 4-H Club.—Janet Moore, R. R. 2, Box 215, DuQuoin, Ill.

LIKES TO SING

I am 12 and my birthday is June 11. I have dark blonde hair and blue eyes. I am five feet, two inches tall and in the seventh grade. My hobbies are singing and bicycle riding. I would like to hear from boys and girls between 12 and 15 .-Jean Marshall, R. R. 2, Earlville, Ill.

HAS TWO FISH

I am 10 years old and my birthday is April 19. I have red hair, brown eyes. I go to Lincoln School. My hobbies are playing the piano and watching TV. I have two cats, two fish and a bird. Would like to hear from boys and girls of all ages.-Linda Robinson, Sunset Drive, Carmi, Ill.

LIKES TO DANCE

I am nine years old. My birthday is July 7. Do I have a twin? I will try write to all who write would like to hear from both boys and girls. I like to swim, dance, read, write letters and play the piano. I am in the fourth grade and go to Waltonville School. I would like to hear from boys and girls of all ages.-Judy Shurtz, R. R. 2, Waltonville, Ill.

LIKES TO TAP DANCE

I have dark hair and eyes. I'm 10



years old. My birthday is December. 5. I'm in the fifth grade. My teacher is Mrs. Bernadine Eagleson. I have a pet dog named Sparky. I like to tap dance and ride my bike. Would like to hear from someone about my age whose birthday is the same day as mine. - Karen

Sue Gillespie, R. R. 1, West Salem, Ill.

AUGUST BIRTHDAY

I am in the second grade and I am seven years old. My birthday is August 8. I have hazel eyes and I have brown hair. I like to ride my bike.-David Jean Hulcher, R. R. 1, Girard, Ill.

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AMAZING PROFITS raising mutation Nutria. Vegetarian, odorless, valuable fur, disease free, reasonable, with mink terrific. Voight Mink Farms, Atlanta 36, Texas.

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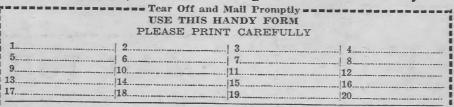


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