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RURAL ELECTRIC NEWS
January, 1969

National News Notes

TVA makes major new payments

■ A \$26,541,119 payment to the U. S. treasury by the Tennessee Valley Authority at year's end brought to three-quarters of a billion dollars the total TVA has paid the government.

The December 31 payment is the semi-annual dividend paid on the government appropriation investment in the TVA power system. Another \$26.5 million dividend payment and a \$15 million repayment of power system appropriations are to be made next June.

Until 1955 most of the investment in TVA power facilities came from government appropriations. This appropriation investment, reduced by repayments even though power investment has continued to grow, now represents a little less than half the amount invested in the power program. The rest is derived from retained earnings and from the bonds and notes issued by TVA in recent years.

Commercial utilities fare well

■ The Federal Power Commission recently reported that the 189 largest electric utilities in the nation had an average rate of return of 7.44 per cent during 1967, up slightly from the previous year.

The FPC noted that its calculations were "not intended as an evaluation of the reasonableness of the earnings of any electric utility company under the applicable state or local regulatory standards."

Senator Lee Metcalf of Montana, however, noted that in six of the states, including Illinois, every electric utility listed in the report had rates of higher return than the national average. The other five are Indiana, Mississippi, Montana, New Mexico and Delaware.

Cooperatives of farmers are growing

■ Farmer cooperatives during the year ending June 30 did a business of more than \$16.6 billion, an increase of 6 per cent over the previous year, and 59 per cent more than the volume of ten years earlier. This was reported recently by David W. Angevine, administrator, Farmer Cooperative Service, U. S. Department of Agriculture. Illinois ranked sixth in the number of farmer cooperatives. Minnesota was first, followed by Wisconsin, Iowa and Texas.

Territorial protection called vital

■ Rural electric cooperatives cannot survive in Montana unless some form of territorial protection is provided by the state legislature, says Riley Childers, executive secretary of their state association, Montana Associated Utilities. Under Montana law cooperatives may serve only in "rural areas" in which electrical current and service are not otherwise available from existing facilities and plants. At first reading, this may sound reasonable. But in Montana it is usually taken to mean that cooperatives can exist only until profit utilities move in on them.

Illinois electric cooperatives today have territorial protection. It is spelled out in the Electric Supplier Act that became effective July 2, 1965. Such legislation was the long-time goal of Illinois' 27 distribution and three generation and transmission cooperatives, working through their own Association of Illinois Electric Cooperatives. The legislation was hammered out by representatives of both the cooperatives and the commercial power companies after separate legislation offered by each group ran into determined opposition.

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JANUARY, 1969

A Job Well Done . . .



NORMAN M. CLAPP

This month we salute Norman M. Clapp who has served as administrator of the Rural Electrification Administration for nearly eight years—longer than any other administrator in REA history.

It has been a period of tremendous progress. And for this progress much credit goes not only to Mr. Clapp and those who made his administration possible, but also to electric and telephone cooperative members and leaders throughout the land.

CONSIDER SOME of the high points in the REA programs under Mr. Clapp's administration:

- Making electric service available to an additional 4 million rural people.
- Extending the benefits of modern, all-dial telephone service to more than 2 million rural people.
- \$2.5 billion in electric loans, including \$1.3 billion for generation and transmission, to meet the increasing electric power needs of people in rural areas.
- \$808 million in telephone loans to bring the benefits of modern, reliable telephone service to rural people.
- Creation of 216,000 new jobs in rural areas under leadership of REA borrowers in local rural development activities.
- Achieving a new low of 1.89 cents per kilowatt-hour in average cost of electricity to rural users.
- Adoption of 692 reductions in electric rural rates for combined annual savings to rural consumers of \$21.7 million.

A RECORD of tremendous progress? Certainly! And what of the future?

Electric cooperative people and their friends in REA-financed telephone programs devoutly wish the new Nixon administration the utmost success, particularly in areas of rural areas electric and telephone program development.

The jobs, the responsibilities of these programs are far from finished. Pressing problems, great challenges lie ahead. It is entirely possible that the next few years will see as much progress as has occurred in the recent past. We will all work diligently to help bring this about.

A Day With a Rural Electric



Breakfast is the start of a busy day for the Willoughbys. Tom is the first to leave the family's new home in Auburn, going to work at Rural Electric Convenience Cooperative Co. Then, Cindy, 7, hurries off to school, leaving Gaye Ann, 5, with mother, Kay, herself busy as vice president of the Junior Woman's Club and secretary of the PTA.

By Charles E. Albright

Like his fellow rural electric employes, Tom Willoughby of Rural Electric Convenience Cooperative Co. with headquarters in Auburn is kept busy performing duties necessary to keep sufficient power "going over the lines" to cooperative members.

Tom started his rural electric work six years ago after seven years experience with a large appliance store. Additional job knowledge was gained while serving his country for four years in the Navy where he was an electrician.

A native of Kentucky, Tom moved in 1945 with his family to Auburn where he was graduated from high school, later married and then built his home in that Sangamon County community. In nice weather, the Willoughbys spend much of their free time fishing at one of the nearby lakes. Tom also is an avid sports fan and his wife, Kay, loves to refinish old furniture.

A popular employe, Tom shares with the 1,100 others working for Illinois electric cooperatives the satisfaction that their work helps to make living better electrically for approximately one-half million people.



Member service keynotes Tom's work. At left, he checks with Clarence and Marshall Bickel on the performance of their new crop dryers, among the 72 drying units installed on the cooperative's lines last fall. Above, he makes a service call, asking the member, "Is everything else all right?" before leaving for another job.



Serviceman



At work, Tom gets special instructions from his supervisor before leaving on another day's service calls.



Materials needed for the day's work orders are loaded on his truck, a familiar sight to the cooperative's members.



Tom leaves the cooperative office for the day's work which takes him throughout the rural service area. He often drives as much as 130 to 140 miles a day.



The growing popularity of electric heat takes Tom to a member's new home, one of 18 he was measuring to estimate the wattage needed for "modern living."



Back at the cooperative's garage and warehouse, Tom ends a busy day before returning home for an evening's relaxation with his family.

Tom completes work on a service entrance to another of the many new homes being built in the cooperative's service area. He advises members on proper wire size, recommended protection devices and good installation procedures for efficient and safe use of electricity.



Four Minutes for Life



A Bloomington GE plant employee (above) practices mouth-to-mouth respiration, the preferred method, on a training mannequin under the supervision of job training and safety instructor Harry N. Simpson. Other GE employes (below) learn how to give closed-chest heart massage after cardiac arrest due to a heart attack, electric shock or some other accident.

It happens quickly. A victim slumps, unconscious and not breathing. Onlookers panic. Finally, aid is summoned, but too late. Tragically, in many instances the life could have been saved.

The first four minutes—just 240 seconds—are vital if the victim of suffocation, gas asphyxiation, drowning or electric shock is to live. He has an even chance if artificial respiration is started in those first four minutes. But if action is delayed, the chances of reviving him rapidly diminish.

CAUSE of the accident could be electricity. Its great powers can be as deadly as a coiled rattlesnake. And it can strike as quickly.

Therefore, electric cooperative personnel are trained to act, and to act quickly, in case of an accident. They know they have a 98 per cent chance of reviving the victim if they begin artificial respiration within one minute of the accident. Chances decrease to 92 per cent after two minutes, to 72 per cent after three minutes and to 50 per cent after four minutes.

"We are proud of our safety record, but still accidents can and do happen and we want our men to be prepared," says Illinois job training and safety instructor Harry N. Simpson. "All outside personnel of the 27 distribution coopera-

tives in Illinois are trained so that they will act quickly and intelligently in case of an emergency. And this has saved lives."

Mr. Simpson and his fellow instructor, William C. Sarantakos, occasionally instruct others in first aid techniques. One recent request for their training came from the General Electric Co. plant in Bloomington.

APPROXIMATELY 90 GE engineers, supervisors and production personnel who work in electrical testing conditions received detailed instruction in such first aid techniques as artificial respiration and closed-chest heart massage. Then, after seeing a training film supplied by Employers Insurance of Wausau, they put into actual practice the concepts they had learned.

"You know the value GE puts on this training?" asked Mr. Sarantakos during one of the two-hour sessions. "Well, just look at the time their employes, and many are high paid employes, spent away from their jobs to learn this."

Mr. Simpson added: "It's important that everyone know first aid. You never know when you'll need it. Myself, I've used it in two emergencies. Believe me, I'm glad I knew what to do." So were the people whose lives he saved.



GE employes received instruction in classes coordinated by plant officials, the Illinois Board of Vocational Education and Rehabilitation, the Association of Illinois Electric Cooperatives and Corn Belt Electric Cooperative. From left are G. V. Beer, manager of Corn Belt; Ozzie Garnsey, GE's supervisor of plant protection and safety; Harry N. Simpson and William C. Sarantakos, Illinois job training and safety instructors.

Now's the Time to Buy That New Electric Range

Lyle E. Dunham, Association of Illinois Electric Cooperatives director of member services, has a good question for housewives:

"Why wait longer to start enjoying the pleasures of cooking electrically?"

This is particularly pertinent now, he says, because from February 1 through April 3 seventeen Illinois Electric cooperatives are offering a special gift to members buying a new electric range and installing it on the lines of a participating cooperative.

"THE GIFT is a beautiful 12-speed, solid state controlled electric mixer valued at \$34.95," Mr. Dunham said. This deluxe model includes 1½ and 3-quart mixing bowls and a 2-position turntable. The mixer is easily detached and becomes portable, as Mr. Dunham demonstrates in the picture. It is backed by a five-year factory guarantee.

"Participating cooperatives are able to offer this special gift in part because the program represents the combined efforts of a great number of cooperatives from throughout the nation," Mr. Dunham said.

"On a national basis it is being coordinated through the National Rural Electric Cooperative Association. In this state the coordinating agency is the Association of Illinois Electric Cooperatives."

PARTICIPATING Illinois cooperatives include:

Clinton County Electric Cooperative, Breese.

Coles-Moultrie Electric Cooperative, Mattoon.

Corn Belt Electric Cooperative, Bloomington.

Eastern Illinois Power Cooperative, Paxton.

Edgar Electric Co-operative Association, Paris.

Egyptian Electric Cooperative Association, Steeleville.

Farmers Mutual Electric Company, Geneseo.

Illinois Rural Electric Co., Winchester.

M. J. M. Electric Cooperative, Carlinville.

Menard Electric Cooperative, Petersburg.

Monroe County Electric Co-operative, Waterloo.

Rural Electric Convenience Cooperative Co., Auburn.

Shelby Electric Cooperative, Shelbyville.

Southwestern Electric Cooperative, Greenville.

Spoon River Electric Co-operative, Canton.

Wayne-White Counties Electric Cooperative, Fairfield.

Western Illinois Electric Coop., Carthage.

NOT ALL cooperatives in Illinois or elsewhere will be participating in this special program. Some have their own incentive programs. Others have not found it practical to gear their long-range programs to the state and national promotions at this particular time.

"Electric cooperatives are sincerely interested in the welfare of the members they serve. All the cooperatives constantly are endeavoring to provide their members with the best of everything possible. They want them to enjoy all the benefits of electricity," Mr. Dunham said.

But why buy an electric range? There are lots of reasons and Mr. Dunham knows them all.

"An electric range is clean, sure, fast, dependable, perfectly regulated and controlled," he said. "It gives off no fumes. It eliminates smoked pots and pans. It's economical. And I've never known a housewife to try a modern electric range without being delighted with the experience."



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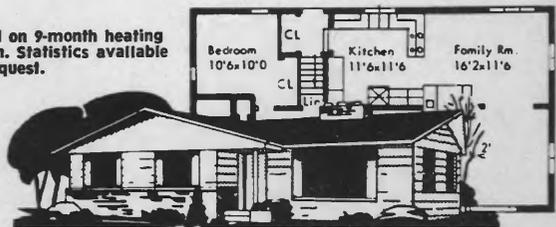
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Westinghouse Honors 4-H Winners

Forty-seven happy young people, each a state winner in the National 4-H Electric Awards Program, sat at two long, elevated tables in Chicago's Conrad Hilton Hotel.

Numerous observers in the awards banquet audience were predicting that many of these young adults within a few years would be making places for themselves among the nation's industrial and scientific leaders. Who could doubt it?

And if you were to seek one winner to typify the whole group you could do far worse than select 18-year-old David Funk of Liberty r.r. 1 in territory served by Adams Electrical Co-operative of Camp Point.

"HE'S TYPICAL not only of these state winners from across the land. He's also typical of all of the finest young people who are preparing for places of responsibility in the years just ahead," said Dean Searls, Adams Electrical manager.

"His parents are Mr. and Mrs. Loraine Funk and an aunt, Mrs. Margaret Monroe, happens to be our cooperative's billing supervisor."

What kind of person becomes a state winner? Well, David Funk is a lean, sturdy, quick-moving youngster with quick eyes, a ready smile, a crew cut—and an eager curiosity concerning just about everything.

HE WAS valedictorian of his high school class and now is a freshman at the University of Illinois College of Engineering. His major is physics. After graduation he hopes to earn a Doctor of Philosophy degree in physics and do research.

David has two sisters and three brothers, one of whom, Jim, 19, was a Washington Youth Tour winner in 1965 from Adams Electrical.

David has long been a member of the Methodist Church at Beverly and has served both as its Sunday school superintendent and as president of its youth group.

WHAT DOES such a young student think of so-called hippie types on the nation's campuses? "Really, I'm not alarmed," David said. "Some of them attract much attention but they're not as numerous as one might think. And I suspect that as some of them mature they'll settle down and work hard at helping to solve the problems that concern us all."

That may well be the view of

A. M. Kennedy, Jr., vice president marketing services, of Westinghouse Electric. He was principal speaker at the 33rd annual Westinghouse banquet honoring state and national winners in the National 4-H Electric Program.

"In 200 years," he said, "we have established a standard of living higher than any nation has achieved in all history. Of course it is imperfect.

"Some critics claim our cities are dying, that they are the white man's monument and the black man's grave. This is not true. They are the imperfect products of an imperfect society.

"I know many older members of our cooperative at Camp Point remember when there were no lights in the countryside," David said. "I don't. We've always had power from Adams Electrical; we've always depended on it.

"And I've always regarded the cooperative and its representatives as my friends. They've always seemed particularly interested in us and in all their members. It's a good feeling.

"Of course I especially appreciate the help the cooperative people have given for years to the 4-H electrical program. They've supported it wholeheartedly and most effec-



Dean Searls, left, manager of Adams Electrical Co-operative, and C. V. Roseberry, vice president of Westinghouse Electric, agree young people such as David Funk have much to offer programs designed to build a better nation—and world.

"But we are all at our best when we try to make the world around us a little less imperfect. And young people such as these here tonight are deeply concerned about the world around them—more so than were the young people of my own generation."

C. V. ROSEBERRY, vice president of Westinghouse, presided at the 4-H banquet, held in connection with the 47th National 4-H Congress.

Numerous Illinois electric cooperative leaders who for years have been active in supporting 4-H programs, particularly in the field of electricity, attended the banquet.

tively.

"People such as Mr. Searls and Roger Mohrman who manages the Member Service Department and G. A. Moody, the power use adviser, and others. I've learned much from them. And I think I've learned much from the cooperative spirit that makes people like these want to help others."

Among other electric cooperative people attending the Westinghouse banquet were Cy Anderson of Eastern Illinois Power Cooperative and Mr. and Mrs. Upton Craig, Mrs. Edith Kays and Mrs. Eileen Slingsby, all of Illinois Valley Electric Co-operative.



Thomas H. Moore, general manager, Association of Illinois Electric Cooperatives, discusses problems with cooperative power use advisers at AIEC headquarters.

Working To Improve Efficiency

Close observers frequently commend Illinois electric cooperatives for their effective operation, outstanding service to members, and for efficient use of time and financial resources.

These things are true. But they don't just happen. They take hard work and constant study and application.

THIS WAS demonstrated at two recent Springfield meetings bringing together from all over the state separate groups of cooperative specialists.

First was the Illinois Electric Cooperative Plant Supervisory Personnel Association of which James Killiam of Auburn is the retiring president. The other was the Illinois Power Use Advisers Section of which Ivan Holler of Fairfield is the president.

EACH GROUP conducted its own studies of specialized problems in its field. Experts from industry and academic centers were among the speakers.

Also on the programs were such men as Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives; Albert J. Cross, director, AIEC Legal and Public Affairs Department; William E. Dean, director of the AIEC Power Supply Department, and Lyle E. Dunham, director, AIEC Member Services Department.

Hard work? Yes. But results show up in service and efficiency of a remarkably high order.—J.F.T.



New officers of the Illinois Electric Cooperative Plant Supervisory Personnel Association elected recently at a work and study meeting in Springfield are, from left, William G. Bennett, Fairfield, secretary-treasurer; Harry Fenton, Mt. Vernon, vice president, and Albert L. Hinrichs, Petersburg, president.

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AT SPOON RIVER

McCamey Succeeds L. C. Groat

A distinguished veteran of the electric cooperative movement in Illinois, L. C. Groat, recently stepped down as manager of Spoon River Electric Co-operative, Inc., of Canton, a position he had held since he helped organize the cooperative 30 years ago.

But Mr. Groat is not leaving completely the program in which he has been a leader for so much of his life.

He will continue with Spoon River as a consultant during the year ending next December 1.

Mr. Groat's successor is William H. McCamey, former assistant manager with some 20 years of experience at Spoon River.

ANNOUNCEMENT of the change was made following a recent board meeting at which Ralph Erb, Ipava r.r. 1, a veteran leader in the cooperative field, was named president of the Spoon River board. He succeeded F. Leonard Clark, Astoria r.r. 1, whose term on the board had expired.

Other officers elected at the December meeting were Turner W. Markley, DeLong, vice president; Harold Negley, Canton r.r. 4, secretary; Kenneth Easley, Vermont, treasurer, and Ray Wisner, Avon, assistant treasurer.

"One of the reasons I have been willing to assume the duties of a consultant," Mr. Groat said after the meeting, "is my extremely deep interest in the continued strength and welfare of this wonderful organization. It has a rich history of vast service. And it has an equally brilliant future, based on continued unity and service."

MR. ERB had the highest praise for both Mr. Groat and his successor. "We are extremely fortunate in having had the service of so able a man as Mr. Groat, and in having available so able a successor as Mr. McCamey," he said.

Mr. Groat described the new manager as a man of rare ability, with a quick mind, able to grasp intricate ideas quickly, and dedi-



Ralph Erb



L. C. Groat



W. H. McCamey

cated to the best interests of the cooperative.

MR. MCCAMEY long has been most active in civic affairs, aiding effectively in the development of the Spoon River area. He is a past president of the Citizens Advisory Council, past president of the Canton Country Club, past vice president of the Canton Chamber of Commerce and a member of the Spoon River College Foundation board.

Mr. Groat, of course, has had a long and noteworthy career as an area and state cooperative leader. But he got his start in the field of electricity long before Spoon River and similar cooperatives were dreamed of.

This was in 1912 when he was 11 years old. Listen to him tell of it:

"**AT THAT TIME** the Lewistown Electric Company near Canton operated a small generating station, and I helped out when I could and however I could. We started operations at dusk and ran until 10 p.m. Five minutes before 10 we

would pull the switch and then re-close it to give notice that the service would go off in five minutes. Folks had time, then, either to light lamps or go to bed.

"In a year or two something unusual happened. A fellow came through selling electric irons. Pretty soon the ladies who had bought them made so much fuss about not being able to iron in the daytime that we started operating on Tuesday afternoon. Soon we extended service until midnight and widespread use of electricity was on its way.

"How times have changed in those relatively few years. Today our cooperative provides power for more than 3,300 members, living along more than 1,175 miles of line in Fulton, Schuyler, Knox and Peoria counties.

"I wonder what the future holds. I'm tremendously proud of our cooperative. It has been my life. I'm sure it will continue its efficient and unselfish service to its members, helping the whole area to greater prosperity."

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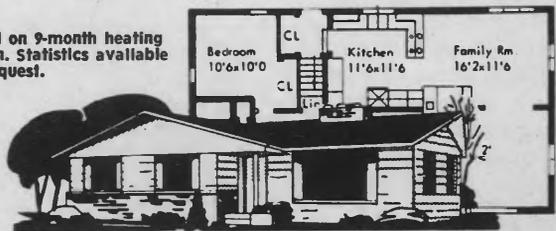
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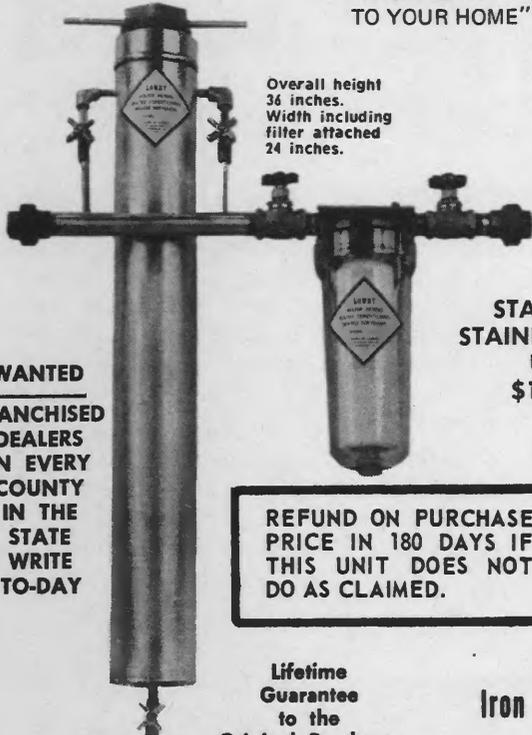
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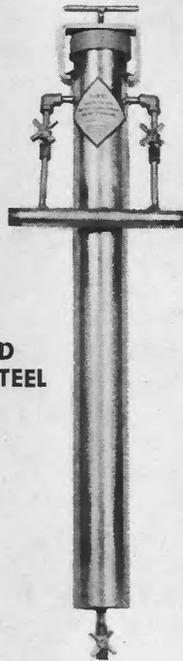
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And What's Happening

The Illinois Electric Supplier Act

Illinois' Electric Supplier Act (ESA) has now been in effect about 3½ years and so far cases dealing with 83 matters as covered by the law have been filed, involving nearly all the state's electric cooperatives and about one-third of the public utilities.

Yet, most parties agree that many more disputes never developed because of service area agreements made possible by the law and because electric suppliers have been able to decide themselves which one has the right to serve a new customer by referring to the ESA guidelines.

ALBERT J. CROSS, as director of legal and public affairs for the Association of Illinois Electric Cooperatives, has helped coordinate the activities of the cooperatives in their ESA hearings. He summarizes the first 3½ years under the law this way:

"First, it must be stressed that the Electric Supplier Act has proved to be fair and equitable for both cooperatives and utilities.

"IN PART, this is due to the excellent manner in which both the complainant and the respondent have prepared and presented their cases.

"Then, too, the Illinois Commerce Commission has made a strong and conscientious effort to

Currently, the commissioners (shown below, from left) are David H. Armstrong, Cyrus J. Colter, Chairman James W. Karber, Alfred H. Reichman and Robert M. Perbohner.

administer the Act in a fair and equitable manner."

Prior to the law's effective date of July 2, 1965, there was no practical administrative or legal machinery for deciding who had the right to serve new customers.

Now, an electric supplier must provide written notice to other electric suppliers of its intent to serve new customers in areas not allocated by service area agreements when there is a question as to which supplier has the right to provide the new service.

ANY OTHER ELECTRIC supplier believing it should be permitted to provide the new service then has 20 days, or 18 months if written notice is not provided, in which to file a complaint.

Upon receipt of a complaint, a hearing is held by the Illinois Commerce Commission at which time both parties are represented by

legal counsel with their cases presented much the same as in any court of law.

Both the cooperatives and the utilities had long sought such a law and both had offered legislation seeking such provisions. Subsequently, compromise legislation was drafted and unanimously adopted by the 74th General Assembly.

The ESA sets out specific guidelines to be used in determining what electric supplier has the right to serve new customers. The act also authorizes cooperatives and utilities to enter into agreements defining the areas in which each is entitled to provide service.

THE ILLINOIS COMMERCE Commission, in existence since Jan. 1, 1914, when it was known as the State Public Utilities Commission was given the added responsibility of administering this new law. The Commission also was given author-

The Illinois Commerce Commission

Charged generally with the jurisdiction and regulation of public utilities and motor carriers, the Illinois Commerce Commission has been given an added function in administering to the public interest.

The new responsibility is the administration of the Electric Supplier Act adopted by the 74th General Assembly "to avoid duplication of facilities and to minimize disputes between electric suppliers" (defined by the Act as being both electric cooperatives and public utilities, but not including municipal electric systems).

The accompanying article summarizes the cases filed under the ESA for hearing before the Illinois Commerce Commission.

Appointments to the Commission are made by the governor, subject to confirmation by the Illinois Senate. Terms are for five years, and no more than three of the five commissioners may be members of the same political party.



ity to enforce all findings, orders and decisions rendered under the ESA.

Of the ESA cases brought to the Commission, 25 could be termed as controversial. Decisions have been issued in 17 of these, with eight pending.

ESA No. 1 and 2 (consolidated) illustrates one aspect of the law. Orders or decisions of the Commission may be appealed, first to a circuit court and then to the Illinois Supreme Court.

In ESA No. 1 and 2, the Commission ruled that Monroe County Electric Cooperative, Inc., had the right to serve a newly developed subdivision. Illinois Power Co. appealed to a circuit court and later to the Supreme Court, with both ruling in favor of Monroe County Electric Cooperative.

Another appeal came in a case concerning whether Central Illinois Public Service Co. or Coles-Moultrie Electric Cooperative had the right to provide wholesale power to a village.

THE VILLAGE BOARD voted to buy from the utility and a Coles-Moultrie complaint later was dismissed by the Commission which held that it did not have jurisdiction in the matter. Coles-Moultrie appealed that decision, and a circuit court upheld the Commission's ruling. The appeal is now pending before the Supreme Court.

To date, rulings in four other ESA cases also have been appealed.

In other ESA cases, 25 service area agreements have been approved by the Commission. Thirteen of these cover the entire territory in which an electric cooperative and a utility have facilities. The remaining 12 cover a portion of the territory.

The law states an intent that, ultimately, all the area in Illinois where cooperatives and utilities both have facilities will be included in service area agreements.

The ESA also gives electric cooperatives the right of eminent domain, a right long held by the public utilities. This allows the taking or damaging of private property, after reasonable compensation, for the construction of necessary facilities.

EIGHT ESA CASES now fall under this category with the Com-

mission having found it necessary for the cooperatives to exercise the right of eminent domain in each instance.

Although the ESA does not give the Commission any jurisdiction over municipal electric systems, it does authorize an electric cooperative, in certain instances, to provide service in areas that are annexed or otherwise incorporated into municipalities.

There now have been six ESA cases filed under this section which spells out provisions for determining the rights of cooperatives without impairing the rights of municipalities.

The ESA specifies that an electric supplier may continue to serve all customers it was serving on the effective date of the law. For an

equitable administration of this provision, detailed maps showing electric lines as of July 2, 1965, have been filed with the Commission. Seven of the ESA cases related to the filing of such maps.

STILL ANOTHER ESA case pertains to the rules and regulations of the law itself.

The remaining 11 ESA cases have been, or are to be, dismissed either by stipulation of the parties because conflicts were resolved by service area agreements or otherwise resolved.

Still another feature of the ESA provides that a customer himself may file a complaint if he believes his service to be inadequate. To date, no such complaint has been filed with the Commission.

News From Norris Electric

Norris

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(Sample)

PLEASE READ YOUR METER
ON

(Name)

(Address)

X-1-2 #10 (NOTICE, here is your line and account number.)

This time of year the sky is always beginning to get the color of gray putty and when you step outside the wind bores a hole right through you and your nose turns into a sugar tree. There's always a feeling of snow in the air and even the clouds hang low and turn gray and seem to cry and wish they were somewhere else.

Christmas is over, New Years is over and Thanksgiving is over. It seems like the cold and the wet and the miseries hang on forever. But we've got one thing going for us in this country that nobody can

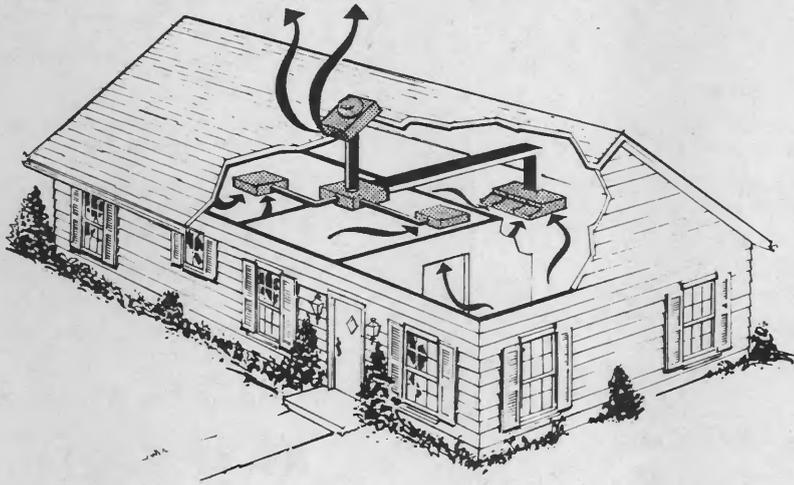
beat us at. I don't care where you would happen to go, all you have to do to get out of the doldrums is go to any of the towns in our area—Newton, Oblong, Olney, Robinson, Lawrenceville or any other town that you can think of that you live close to—and walk around the square or up and down the streets and you won't go half a block what somebody doesn't holler at you in a friendly sort of way and stop and talk to you for the sheer reason that they're glad to see you, or else make you think so, and ask how you are and what you've been doing.

There's no doubt in my mind but what other parts of our country have better hunting than we have, better fishing than we have, but nowhere in this great United States where I have been is there better people than we've got. After all, this is the most important commodity that exists.

And I wouldn't give a hoot for the mountains if I were the only one that could ever see them. Nor I wouldn't give a hoot for the open prairies and a thousand quail getting up if I couldn't come in and brag and lie a little bit to some of my buddies about it. Fishing would be no good by yourself, and if I had to go anywhere else in the country to find better people than what we've got right here then I would never have to leave. Don't you agree?

Besides 99½ per cent of the ones I know always pay their electric light bills promptly and on time, but, oh boy, that other ½ per cent!

What's New?



● Quiet Ventilation

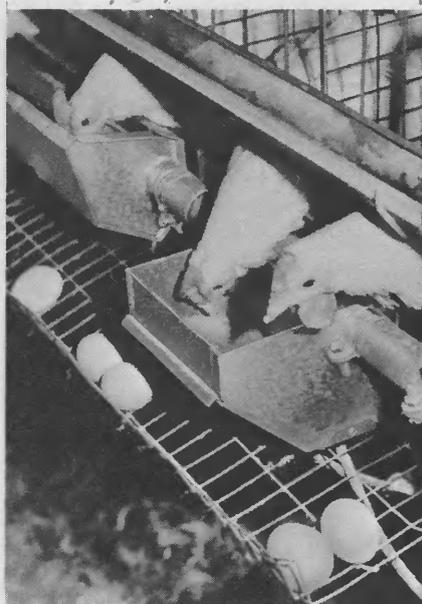
Emerson Electric Co., 8100 Florissant, St. Louis, 63136, has introduced a new system of quiet ventilating products that do away

with separate ventilators. A roof-mounted blower does the job for the entire house when mated with a rangehood in the kitchen and a ceiling vent in the bathroom.



● Door Dispenser

A new convenience, a handy ice cube and chilled water dispenser on the door, is a feature on some General Electric refrigerators. The dispenser is supplied by an automatic icemaker that stores up to 260 cubes. Water is pre-cooled to about 50 degrees in a 48-ounce reservoir. A connection to the household's cold water system will supply fresh water to both the icemaker and the reservoir.



● Individual Control

A new cage feeding system from Chore-Time Equipment, Inc., Milford, Ind., 46542, provides individual line control, giving each bird a complete ration for more profitable feeding and maintaining a desired level in the feed trough. The feeding system has a one-piece auger of spring steel that never needs tightening and is guaranteed against failure or breakage for ten years.

Helping Build Even Better Rural Areas

Rural electric and telephone systems financed by Rural Electrification Administration loans that will be repaid with interest helped to create at least 31,000 new jobs in rural America during fiscal 1968.

The U. S. Department of Agriculture said this figure is based on survey reports from 57 per cent of the REA-financed systems. This brings to 247,000 the total number of jobs created by the borrowers since the USDA's rural areas development program began in mid-1961.

SECRETARY of Agriculture Orville L. Freeman said that "the employment opportunities stem from commercial, industrial and community facilities projects undertaken with the assistance of REA borrowers working with other federal agencies and local organizations, public and private, in the development of new businesses and the expansion of existing ones."

Secretary Freeman said that the 1,900 REA-financed electric and telephone systems serve more than 25 million rural people in 46 states.

"RURAL electrification and telephony open the door to rural areas development," he continued. "Rural areas development in turn helps make these rural systems more efficient. Rural areas development, rural communications and electrification serve one another and in doing so they serve the people of rural America . . . developing and revitalizing rural America . . . restoring a necessary rural-urban balance to the growth and direction of our country."

MORE THAN 3,300 commercial, industrial and community facilities projects have been assisted by REA borrowers since the RAD program began.

In addition to stimulating the economy of their areas, the projects help to boost sales of electricity and telephone service, increasing the ability of these rural-based systems to fulfill their service and community responsibilities, Mr. Freeman said.



WIRE AHEAD

"Mother," the young man cried, "I was away for three days on a business trip. I wired my wife I'd be home last night and when I got there I found her in another man's arms. Why, Mother, why? You're a woman—tell me why?"

After a moment of silence, the mother replied, "Maybe she didn't get your wire."

* * *

WISHES

There is a fountain in a town in northern Italy where any wish you make, the legend has it, will ultimately be granted.

One day a tourist and his wife were gazing raptly at the fountain, making their wishes, when the wife suddenly lost her balance and fell in with a mighty splash.

"Golly," exclaimed the husband. "I never realized these things really work!"

* * *

PLATTER MATTER

Rich foods are such a rare delight, I ask myself this question: Why must they tempt my appetite, Then give me indigestion?

* * *

PUZZLER

The corporal was preparing to fingerprint a recruit.

"Wash your hands," he said.

"Both of them?" asked the recruit.

After a moment's hesitation, the corporal said: "No, just one. I'd like to see how you do it."

* * *

LATE

Porter: Did you miss your train?

Passenger (out of breath): No. I didn't like what it looked like, so I chased it out of the station.

* * *

QUALIFIED?

Personnel Director: And how many words can you type a minute?

Would-be typist: Big or little?

FRIGID AIR

Though my new furnace heats my house,
Much better than the old stoves do,
When I come in from the freezing cold,
There's nothing I can back up to!

* * *

ATTENTION!

A seven-year-old sat in church on a recent Sunday idly rolling his Sunday School paper into a tube. As the minister stepped to the lecturn for the invocation, a hush fell over the sanctuary.

The lad lifted the tube to his lips and in a clear treble broadcast, "Now hear this."

* * *

STORMY WEATHER

"How close did it come to you?" asked the farmer, driving up to the tree where his hired man had taken shelter from an electrical storm.

"Well," stammered the hired man, "I don't know, but my pipe wasn't lit before."

* * *

QUOTABLE QUIPS

Marriage Counselor: Spat remover.

* * *

The fellow who burns the candle at both ends eventually gets his whacks in the middle.

* * *

Long commercial: Padded sell.

* * *

Nothing makes your old car look so good as the price of a new one.

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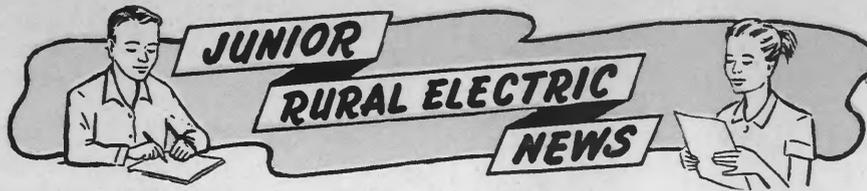
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PEN PALS

Due to a large amount of mail on hand only the names, addresses and ages of boys and girls wanting pen pals are being published this month. As soon as our large list is reduced, complete letters again will be used.

Send any letters for publication to: Junior Rural Electric News, Box 1180, Springfield, Ill. 62705.

- * * *
- Donna Casselman, 14
Bloomington, Ill., r.r.3, 61701
* * *
- Judy Casselman, 11½
Bloomington, Ill., r.r.3, 61701
* * *
- Brenda Wheat, 11½
Bloomington, Ill., r.r.3, 61701
* * *
- Terri Wheat, 12
Bloomington, Ill., r.r.3, 61701
* * *
- Sandie Pahlmann, 12
Bluffs, Ill., r.r.1, 62621
* * *
- Jo Ellyn Moore, 12
Illioopolis, Ill., r.r.1, 62539
* * *
- Kelly Rogers, 10
Lewistown, Ill., r.r.3, Box 39, 61542
* * *
- Dianne Denise Modglin, 11½
Ullin, Ill., r.r.1, 62992
* * *
- Mary Lou Deters, 11
Teutopolis, Ill., 62467
* * *
- Linda Goodwin, 15
Jewett, Ill., r.r.1, 62436
* * *
- Rhonda Farmer, 8½
Metropolis, Ill., r.r.3, 62960
* * *
- Gayla Wilkerson, 10½
416 S. Marion
Salem, Ill., 62881
* * *
- Teresa Ann Overton, 11
Hume, Ill., r.r.1, Box 68, 61932
* * *
- Billie Jean Eyman, 13½
Sherman, Ill., RFD 1, 62684
* * *
- Janet Tracey, 11
Ellisville, Ill., r.r.1, 61431
* * *
- Bonnie Brown, 12
3840 John Glenn Dr.
Granite City, Ill., 62040

- Glenda Roderfeld, 14
Brighton, Ill., r.r.1, Box 224, 62012
* * *
- Peggy French, 10
Bluford, Ill., 62814
* * *
- Bob Eckols, 15
Junction, Ill., Box 426, 62954
* * *
- Brenda Tate, 12
McLeansboro, Ill., Box 2151, 62859
* * *
- Jo Ellen Williams, 13
Flora, Ill., r.r.3, 62839
* * *
- Betty Thompson, 13
Shumway, Ill., r.r.1, 62461
* * *
- Marilyn Godar, 11
Hardin, Ill., 62047
* * *
- Sheila Jo Cockrum, 12
Benton, Ill., r.r.3, 62812
* * *
- Judy Grove, 13
Olney, Ill., r.r.7, 62450
* * *
- Debbie Cotter, 12
Buda, Ill., r.r.1, 61314
* * *
- Jane West, 15
Oreana, Ill., r.r.1, 62554
* * *
- Patty Stephens, 8
Trilla, Ill., 62469
* * *
- Dora Palmer, 15
Alma, Ill., r.r.1, Box 79, 62807
* * *
- Debra Panzier, 12
Ashley, Ill., 62808
* * *
- Denise Bassett
Bloomington, Ill., r.r.4, 61701
* * *
- Gerry Graves, 16
Marion, Ill., 62959
* * *
- Carol Tate, 17
501 Hamilton St.
Washington, Ill., 61571
* * *
- Mary Lu Anderson, 14
Avon, Ill., r.r.1, 61415
* * *
- Mary Vaux, 10
Fithian, Ill., 61844
* * *
- Mary Cay Schum, 13
Ivesdale, Ill., Box 192, 61851
* * *
- Francine Harpenau, 11
LeRoy, Ill., r.r.1, 61752
* * *
- Patty Harpenau, 9
LeRoy, Ill., r.r.1, 61752
* * *
- Susan Hammond, 12
Adair, Ill., r.r.1, 61411

- Patricia Ritchey, 13
Clay City, Ill., r.r.2, 62824
* * *
- Karen Ann Wittenauer, 10
Red Bud, Ill., r.r.2, 62278
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Winter weather is the perfect time to surprise your family with a tart and tangy dessert. Cranberry-Apple Cobbler is a quickly-made dessert with a sparkling personality. Just combine $\frac{2}{3}$ cup sugar and $\frac{1}{3}$ cup flour; mix with 4 cups (4 medium) thin, tart red apple slices in a 2-quart baking dish. Spread with 1 can (16 oz.) whole berry cranberry sauce. Bake at 400 degrees about 5 minutes while preparing this topping: Sift together 1 cup flour, 2 tablespoons sugar, $1\frac{1}{2}$ teaspoons baking powder and $\frac{1}{2}$ teaspoon salt. Cut in $\frac{1}{4}$ cup shortening until mixture resembles coarse crumbs. Add from $\frac{1}{3}$ to $\frac{1}{2}$ cup milk, enough to make a thick batter, stirring only until flour is moistened. Drop onto hot fruit mixture. Bake 15 to 20 more minutes. Serve with cream to 6.

Seasonal specialties

"PRETTY AS A PICTURE" OVEN MEAL

Spaghetti Special
Garlic Club Rolls

Orange Carrots
Cherry Cobbler

SPAGHETTI SPECIAL

- 1 package (8-oz.) thin spaghetti, broken in one-fourths
- 1 pound ground chuck beef
- 1 tablespoon garlic salt
- $\frac{1}{4}$ teaspoon pepper
- $\frac{1}{2}$ teaspoon chili powder
- 4 cans (8-oz.) tomato sauce

- 1 can (7 $\frac{1}{2}$ -oz.) ripe olives, cut in quarters (reserve 6 whole olives for garnish)
- 1 can (3-oz.) grated Parmesan cheese
- 1 package (6-oz.) sliced Mozzarella cheese

Cook spaghetti according to package directions; drain. Brown chuck beef in large skillet; remove from unit. Add garlic salt, pepper chili powder, tomato sauce, olives, and $\frac{1}{4}$ cup Parmesan cheese to browned beef; stir. Add cooked spaghetti and mix. Pour mixture into a greased 2 $\frac{1}{2}$ -quart casserole. Cut Mozzarella slices in half and separate. Place one slice diagonally on top of another across top of spaghetti mixture. Sprinkle remaining Parmesan cheese around outside edge of cheese slices. Bake in oven at 350 degrees for 40 to 45 minutes.

GARLIC CLUB ROLLS

- 3 tablespoons butter or margarine, softened
- 1 tablespoon garlic salt

- 8 brown 'n' serve club rolls

Mix butter and garlic salt in a small bowl. Make 3 diagonal cuts three-fourths through each roll. Spread each cut with butter mixture. Place rolls in 9-inch square baking pan. Bake in oven at 350 degrees for 30 minutes or until golden brown.

ORANGE CARROTS

- 3 cans (No. 303) whole carrots, drained
- 2 tablespoons butter or margarine

- 1 can (11-oz.) mandarin orange sections

Place carrots in 2 $\frac{1}{2}$ -quart casserole. Cut butter into small pieces and put over carrots; arrange mandarin orange sections on top; cover. Bake in oven at 350 degrees for 45 minutes.

FLAMING CHICKEN and PRINCESS POTATOES

- 2 whole chickens (2 to 2 $\frac{1}{2}$ -lbs.)
- $\frac{1}{2}$ cup apricot preserves
- $\frac{1}{2}$ cup light corn sirup

- 2 tablespoons lemon extract
- 2 to 4 tablespoons melted butter

Place chickens on rotisserie spit in your oven, tie and secure with rotisserie forks. Brush with melted butter.

PRINCESS POTATOES

- $\frac{1}{2}$ cup melted butter
- $1\frac{1}{4}$ cups finely chopped onion
- $\frac{1}{4}$ cup chopped parsley
- 1 cup finely chopped celery

- 6 cups grated raw potatoes, or four packages frozen potato patties
- 2 teaspoons salt
- $\frac{1}{2}$ teaspoon paprika

Combine all ingredients and turn into foil-lined broiler pan. Attach rotisserie supports to broiler pan and place on lowest rack position in oven. Place chickens on rotisserie spit on supports. ROTISS chickens at 400 degrees for 1 $\frac{1}{4}$ hours or until fork tender. Potatoes cook and brown while chicken is rotissing. Remove chickens from spit to platter. Heat together apricot preserves and sirup. Spoon over chickens. Pour 2 tablespoons lemon extract over preserve mixture and ignite. Let extract burn off, then cut chicken in serving pieces. Makes 4 to 8 servings.

RINKTUM DITTY

- 2 packages (4-ozs. ea.) shredded sharp Cheddar cheese (2 cups)
- 1 can (10 $\frac{1}{2}$ -oz.) condensed tomato soup
- 1 tablespoon minced onion

- 2 tablespoons tomato ketchup
- $\frac{1}{4}$ teaspoon dry mustard
- $\frac{1}{2}$ teaspoon Worcestershire sauce
- $\frac{1}{2}$ teaspoon salt
- $\frac{1}{4}$ teaspoon pepper
- 1 egg, beaten

Combine all ingredients, except egg, in saucepan and mix. Cover. Cook at LO BOIL for 10 minutes, until cheese is melted. Add egg and blend thoroughly. Cook 5 minutes longer, stirring occasionally. Serve on crisp toast or crackers; toasted split English muffins or hamburger rolls; potato chips, chunks of canned tuna; or hot fluffy rice. Makes 4 to 6 servings.

RICE PARISIAN

- 2 tablespoons butter
- $\frac{2}{3}$ cup uncooked rice
- 1 4-ounce can whole mushrooms, drained
- 1 pkg. (1 $\frac{1}{2}$ -oz.) dried onion soup
- 2 $\frac{1}{2}$ cups water
- Chopped parsley

Melt butter. Add rice and cook until rice is golden brown, about 15 minutes, stirring occasionally. Add mushrooms, soup and water. Cover and cook for 20 to 30 minutes on LO BOIL. Garnish with chopped parsley.

- 6 tablespoons butter or margarine
- 4 cups diced celery
- $\frac{1}{4}$ teaspoon salt
- $\frac{1}{8}$ teaspoon pepper
- 1 tablespoon dried minced onion or grated fresh onion
- $\frac{1}{2}$ cup blanched shredded almonds
- 2 tablespoons lemon juice

Melt 4 tablespoons butter in 10 $\frac{1}{2}$ -inch skillet. Add celery, salt, pepper and onion. Cover and cook for 10 minutes. Celery should still be crisp. Brown the almonds in remaining butter and add with lemon juice to celery. Heat 1 minute longer and serve at once.

PINEAPPLE CLUB SANDWICHES

- 1 (8 $\frac{1}{2}$ -oz.) can crushed pineapple
- 2 (3-oz.) pkgs. cream cheese
- 5 slices bacon
- 15 round slices bread
- 5 small crisp lettuce leaves
- 5 large slices turkey or chicken
- Salt and pepper
- 5 canned pineapple slices
- Jellied cranberry sauce

Drain crushed pineapple pressing out syrup. Soften cheese; blend in crushed pineapple. Fry bacon just until crisp; drain. Remove crusts from bread if round slices are used. If regular slices are used cut into as large rounds as possible. (White, wholewheat or a combination of both breads may be used.) Use 3 bread rounds for each sandwich. Spread bottom round with pineapple cheese mixture; top with crisp lettuce then halved bacon slice. Spread both sides of remaining bread with pineapple cheese mixture. Top bacon layer with second bread round; arrange turkey or chicken on top, sprinkle with salt and pepper. Top with third bread round, then drained pineapple slice. Slice jellied cranberry sauce into $\frac{1}{2}$ -inch slices and cut out heart shapes. Top sandwich with cranberry heart. Garnish as desired with carpspoons baking powder and 1 teaspoon salt.

TAMALE HAM CASSEROLE

- $\frac{3}{4}$ cup coarsely chopped onion
- $\frac{1}{2}$ cup coarsely chopped green pepper
- 1 clove garlic, minced
- 1 $\frac{1}{2}$ cups diced cooked ham
- 1 can (12-oz.) whole kernel corn, drained
- 2 cans (8-oz.) tomato sauce
- $\frac{1}{2}$ cup water
- 1 to 2 teaspoons chili powder
- $\frac{1}{2}$ cup milk
- 1 egg
- 1 teaspoon chili powder
- $\frac{1}{2}$ teaspoon salt
- 2 tablespoons finely minced onion
- 1 package (10-oz.) corn bread mix
- $\frac{1}{4}$ cup thin green pepper strips

Mix onion, chopped green pepper, garlic, ham, corn, tomato sauce, water and 1 to 2 teaspoons chili powder in 10 $\frac{1}{2}$ -inch skillet. Add milk, egg, 1 teaspoon chili powder, salt and onion to corn bread mix. Follow directions on package for mixing. Add to skillet mixture to form a ring round edge of skillet. Arrange green pepper strips across cornbread topping to divide it into servings. Cover. Cook at LO BOIL setting for 30 to 35 minutes.

PINEAPPLE PANCAKE STACKS

The sauce is what makes these pancakes extra special. It's easy to put together when you start with a can of pineapple tidbits.

- 1 (13 $\frac{1}{2}$ -oz.) can pineapple tidbits
- $\frac{1}{4}$ cup brown sugar (packed)
- $\frac{1}{4}$ cup butter
- $\frac{1}{8}$ teaspoon nutmeg
- $\frac{1}{8}$ teaspoon salt
- 2 $\frac{1}{2}$ teaspoons cornstarch
- 1 teaspoon lemon juice
- Pancakes
- 1 (3-oz.) package thinly sliced ham

Combine syrup drained from pineapple with sugar, butter, nutmeg, salt and cornstarch. Cook over moderate heat, stirring constantly, until clear and slightly thickened. Add pineapple tidbits and lemon juice. Keep warm while preparing pancakes. Stack pancakes with ham between. Top with pineapple butter sauce. Makes 4 servings. PANCAKES: Beat slowly with rotary beater until well blended: 1 egg, 2 cups biscuit mix and 1 $\frac{1}{2}$ cups milk. Bake on lightly greased griddle. Makes about 16 (3-inch) pancakes.

BAKED MACARONI AND CHEESE

- 1 pkg. (8-oz.) elbow macaroni
- $\frac{1}{4}$ cup butter
- $\frac{1}{4}$ cup flour
- 1 teaspoon salt
- $\frac{1}{8}$ teaspoon pepper
- 2 cups milk
- 2 cups (8-oz.) grated Cheddar cheese

Cook macaroni as package directs, drain. Melt butter in saucepan, remove from heat. Stir in flour, salt and pepper until blended. Gradually stir in milk. Bring to boil, stirring. Reduce heat, simmer 1 minute. Remove from heat. Stir in 1 $\frac{1}{2}$ cups cheese and macaroni. Pour into 1 $\frac{1}{2}$ -qt. casserole, sprinkle remaining cheese over top. Bake at 375 degrees 15-20 minutes or until cheese is golden-brown.

CINNAMON SPICED FRUIT

- 1 can (17-oz.) sliced peaches
- 1 can (20-oz.) sliced pineapple
- $\frac{1}{2}$ cup maraschino cherries
- $\frac{1}{3}$ cup brown sugar
- $\frac{1}{3}$ cup cider vinegar
- $\frac{1}{4}$ teaspoon salt
- 2 sticks (2" long) whole cinnamon
- 1 teaspoon whole mixed pickling spices

Drain syrup from the fruit into a saucepan. Add sugar, vinegar, salt and cinnamon. Tie pickling spices in a cheesecloth bag and add. Heat to a rolling boil. Boil 5 minutes. Add fruit. Reduce heat to LO and cook 15 minutes (DO NOT BOIL). Cool. Remove spice bag. Serve warm or chilled as a fruit with any meat. Or serve for dessert with thin slices of pound cake. Makes 8 servings.

CANDIED SWEET POTATOES

- $\frac{3}{4}$ cup packed brown sugar
- $\frac{1}{2}$ cup light corn syrup
- $\frac{1}{4}$ cup butter or margarine
- $\frac{1}{4}$ teaspoon salt
- 6 pared, cooked sweet potatoes

In a heavy skillet or Dutch oven, combine first four ingredients. Bring to a boil over low heat stirring until butter melts and sugar is dissolved. Reduce heat, add potatoes, halved lengthwise. Baste well with syrup, cook, covered, turning once, 15 minutes. Uncover and cook, basting occasionally about 15 minutes longer. Serves 6.

SNOW BARS

- $\frac{3}{4}$ cup butter or margarine
- $\frac{3}{4}$ cup confectioners' sugar
- 2 teaspoons vanilla
- 3 cups sifted flour
- 1 cup finely chopped pecans
- $\frac{1}{4}$ cup water
- Confectioners' sugar

Cream together butter, sugar and vanilla. Mix in flour, pecans and water. Chill in refrigerator 2 to 3 hours or overnight. Shape into bars about 2 inches long and $\frac{1}{2}$ inch thick. Use about 2 teaspoons dough for each bar. Place on ungreased baking sheet. Bake at 375 degrees about 20 minutes. While still warm, roll in confectioners' sugar. Cool. Makes about 50 2-inch bars.

FOUR BEAN SALAD

- 1 can (1-lb.) green beans, drained
- 1 can (1-lb.) cut yellow wax beans, drained
- 1 can (1-lb.) red kidney beans, drained
- 1 can (1-lb.) black-eyed peas or limas, drained
- 1 medium green pepper, thinly sliced and separated in rings
- 1 medium onion, thinly sliced and separated in rings

DRESSING

- $\frac{1}{2}$ cup sugar
- $\frac{1}{2}$ cup wine vinegar
- $\frac{1}{2}$ cup salad oil
- 1 teaspoon salt
- $\frac{1}{2}$ teaspoon dry mustard
- $\frac{1}{2}$ teaspoon crumbled dried tarragon leaves
- $\frac{1}{2}$ teaspoon basil leaves
- 2 tablespoons snipped parsley

Mix all vegetables in bowl. * Combine ingredients for dressing, mixing well; drizzle over vegetables. Cover and marinate several hours or overnight, stirring several times. Before serving, stir, then drain. Makes 12 servings. *For layered look: Place the four kinds of beans in separate heaps in shallow baking dish. Marinate as directed but spoon the dressing over instead of stirring. Before serving, lift each kind of beans out of the dressing and arrange in a layer in glass bowl, adding green pepper and onion rings between layers. Toss salad at the table.



Snow Bars with fruit dessert

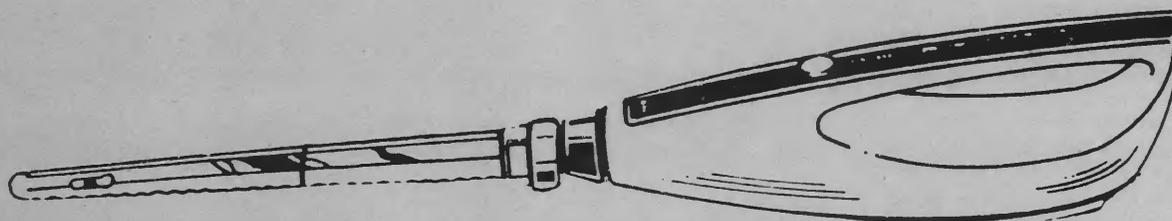


Pineapple Pancake Stacks



Pineapple Club Sandwiches

All about electric knives



■ The electric knife has found an important niche in the homemakers kitchen since it makes the meticulous job of carving smooth, trim slices of meat really easy.

The electric knife will save you time, money and energy. Slicing cheese, fruits, vegetables, fish, fowl and raw and cooked meats will save you time in everyday meal preparation. Getting more slices to a roast, buying unsliced white bread, trimming fat from chops or roasts will help in meeting the family food needs and budget. And the knife will take the work out of this daily job. The amount of energy released in the slicing of a filled cake without crushing it or carving a large roast will be reduced to a minimum if an electric knife is used.

Whether the knife is corded or cordless, small or large, switchblade or single positioned it will help you perform all of your cutting and carving tasks with ease and efficiency. Even, uniform slices make any cut of meat more appetizing. The number of servings can also be controlled by using an electric knife for your carving.

They make a great gift for a bride (or yourself, as well as others). Here are some tips on making a good buy:

- The starter switch or trigger should be conveniently placed for comfortable use. If the switch is on top of handle, it's controlled by your thumb. It may be a trigger underneath the handle operated with the forefinger.
- The handle should be of stain and heat resistant material.
- Size and shape of handle should fit the hand comfortably—good balance.
- Examine blades, be sure they are stainless steel with hollow-ground serrated edges. Make sure they are sharp because they cannot be sharpened unless returned to manufacturer.
- Make sure blades are easily inserted and removed—and that there is a lock so they stay firmly attached while using. See that there's no space between blades for food to lodge while it is slicing.
- Be sure the blades have a grease guard to protect handle from grease and spatter.
- The best method of choosing a knife is to demonstrate it. Without this, your best guide is the brand name.

- Be sure the knife is UL approved.
- You need a sturdy sheath to store blades in.
- Other special features include blades with tungsten carbide on edge to lengthen life. An open grip in-handle for easy handling. Two sets of blades. Indicator lights on cordless models.

The two types of electric knives—the cordless and the knife that requires a cord—have advantages depending on needs. The corded knife has steady power and a long cord for maneuvering. The handle is usually lighter in weight. The cordless knife can, of course, be used anywhere. However, you must remember to attach it in recharger base when not using it. And be sure the batteries are equipped to give you sure power. Corded models run from \$15 to \$30. Cordless models cost a little more.

USE AND CARE OF YOUR ELECTRIC KNIFE

Before using your knife for the first time, separate the blades, wash off any light oil coating.

The blades are extremely sharp. Always handle them by the side opposite the cutting edge or by plastic guards. Follow manufacturer's instructions for assembling unit.

The back and forth action of blades does all the work. There's no need to "saw." Simply guide the knife blade.

Cut on a wooden carving board whenever possible. This will protect blades and counter surface.

Don't try to cut through bones, cut down to and around them. You'll wear out blades faster.

Prolonged soaking of blades and washing them in a dishwasher will dull them. Wash blades in hot, soapy water, rinse and dry thoroughly. Wipe motor unit clean, never immerse in water.

The electric knife blades are not designed to cut solid frozen foods.

Always disconnect the cord from electric outlet or lock unit in "off" position when knife is not in use or before removing blades.

For easier carving, always let roast and poultry rest 20 minutes after removing them from the oven. Meat is easier to carve then.



THE FAMILY MONTAGE—Mom, Dad and the kids did themselves proud with their favorite hobbies. There's sis' painted houseboat plate, Junior's model car and bust of Babe Ruth (both of which he painted), Mom's graceful papier-mache birds and Dad's masterpiece.

HOBBIES —a family affair

■ Thousands of Americans are discovering the creative fun of hobbies. As a pleasure always ready to be savored, an emotional safety valve, a tension-reliever, and a great source of satisfaction, a hobby is unbeatable. Hobbies can be a family affair. Busy Dads can unwind at the easel, discover a new world. Mom finds ways of putting her leisure time to use creatively and at the same time beautifying the home. And for children, the hobbies of today are often the careers of tomorrow. Painting, making craft items and model building are some creative pastimes that can bring you great pleasure and help the whole family discover talents they might never have realized. With the newer polymer or plastic paints and mediums, every member of the family can enjoy his own hobby using the same material for each. These are just a few of the creative hobbies a family can enjoy together. Once you get in the swing of it, the accruing pleasure will be richly rewarding.

JANUARY, 1969

PAINTING ON PAPER PLATES—

A hobby the youngest lady of the family might like is painting on paper plates. It's a clever and inexpensive idea. Just supply her with a stack of 8" paper plates, some brushes and paints and watch where her imagination takes her. Start by pre-coating the entire surface of the plate with gesso. This will provide a background that can be smoothed or textured for pleasing effects. For a tinted background, mix in a few drops of color. The smooth or rough background surfaces can be achieved very easily. Smooth: Mix two parts gesso to one part water. Apply several coats, lightly sanding with fine sandpaper after each coat has dried. Rough: Apply directly from the can without dilution. Texture the surface as desired while still wet with a comb, toothbrush or toothpick. Brushes most suited for painting are red sable and sabeline stroke.

UNWINDING AT THE EASEL—

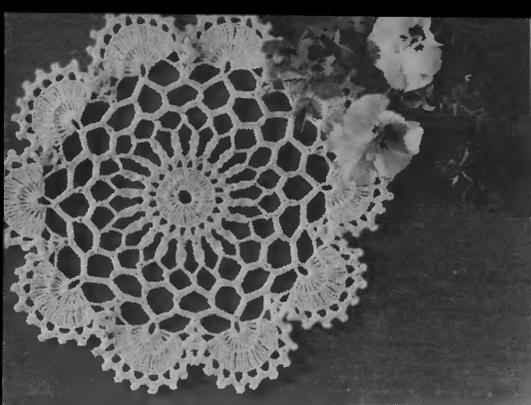
Dad can use the same plastic paints; they mix with water and can be used on any non-oil surface. First, sketch your subject, after studying it carefully, with a medium-soft pencil. A fairly comprehensive drawing indicating the division of light and shadow, not shading, with as few erasures as possible is a good rule. Paint in the sky and distant objects. Next come the shaded areas. Since shadows often appear very dark, the tendency is to paint them too heavily. Avoid this by placing strong, dark accents within the shadow areas to make them seem lighter. The final steps are painting in the varying sunlight colors and gradual blending of tones. For any subject, begin with basic colors: crimson, light yellow, ultramarine blue, red, black, green, and yellow ochre. Later, add other colors.

A BOY AND HIS MODEL CAR—

Junior might want to put his hands and imagination to work painting his own "line" of model cars, planes, ships or railroads. There's double hobby pleasure in store for the young man—the technical aspect of building the models and the artistic aspect of painting them. Plastic paints do not smell or require solvents. Best part, 15 minutes after he's finished he can cover the entire surface with a clear gloss medium that will make auto look like it just came from the showroom.

MOM PAINTS PAPIER-MACHE BIRDS—

Mom can make papier-mache figurines, trays, dishes, centerpieces and other decorative objects. Paper, paste and paint are the basic materials for papier-mache work. To start, it's helpful to mold aluminum wire the thickness of light rope in a one-dimensional outline of the object you've chosen to make. Piece the wire together with masking tape. Dampen a sheet or half sheet of newspaper (depending on size of sculpture) with plain water. Crush paper together, fill spaces between wire sculpture. This forms a three-dimensional object. Next, to hold these pieces in place, cover one side of several 2" x 11" torn strips of newspaper with modeling paste. Work them around the form and smooth out wrinkles and creases. (These strips can also be crumpled together after they are pasted and used to build up any part of the sculpture or to add detail.) Apply a finishing layer of torn pieces of paper that have been covered completely with the modeling paste. Then create the surface of the object with the paste. Put it on very thick and heavy for a textured surface, or "paint" it on with smooth even strokes, using an oil painting bristle brush for a smooth surface. Now your objet d'art is ready to be painted.



1. Scalloped White Doily



2. Foot-Mops



3. Ivy Runner



4. Tulip Garden

Happy hours ahead

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- 1.....Dolly
- 2.....Footmops
- 3.....Runner
- 4.....Afghan
- 5.....Dress
- 6.....Cardigan
- 7.....Pullover
- 8.....Dog Sweater

Name.....

Address.....

Comment (if any).....

This coupon expires Feb. 20, 1969.
Orders must be postmarked by that date.

1. Airy ornamental lace rests under a vase of fresh flowers. It might be mounted and framed as a wall decoration. The doily is crocheted to a diameter of 7 inches. The scalloped borders are like pansy petals with picots

2. A cup of hot chocolate and slippers to snuggle your feet, naturally follow an ice-skating day. The basic slipper is done in a double crochet stitch worked over with a knot stitch for the loopy effect. Use variegated knitting worsted for colorful, comfortable foot-mops

3. Ivy-covered runner lies serenely on a well-polished table. The graceful leaf pattern is embroidered on fine linen fabric. Finished, the piece measures 12½ x 36 in.

4. As fresh and gay as a Dutch garden, this tulip afghan strikes a happy note in any room. The complete afghan is crocheted of knitting worsted and measures 50 x 68 inches. After the separate squares are sewn together, bright tulip and leaf motifs are applied on top like bouquets

5. Knit dress puts the waist back in its natural place. A wide band of striped ribbing around the midriff punctuates this season's biggest fashion change. The stripes are repeated in a roll-over collar. The dress looks attractive made in three different shades of the same color. We suggest lime, apple and paddy green for misses' 6-16

6. The cardigan by day is "down-to-earth" for wearing with nubby tweeds and bold plaids. This one is ribbed to look lean and fitted. It has long, set-in sleeves and crocheted buttons. Its tailored lines can take a sun-bright color such as tangerine. You can make sizes 10-16

7. There is real manpower in this knit pullover sweater. With a V-neckline and set-in sleeves, its lines are classically handsome. Ribbed borders at the neck, wrists and bottom edge are outlined in cross-stitch embroidery. The sweater can be made in men's sizes 38 through 44

8. Has your dog been begging for a sweater? If he wears an 18 or 24 inch length, this turtle neck pullover will make him bark with joy. The multicolor fringe around the collar will especially appeal to his sense of style



5. Green Dress



6. Ribbed Cardigan



7. V-Neck Pullover



8. "Punchinello" Dog Sweater

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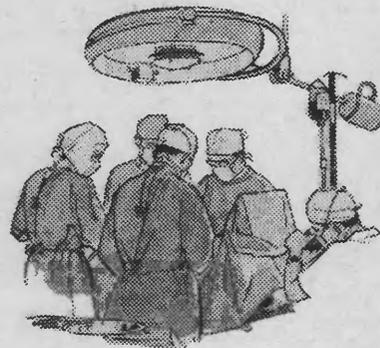
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