

November 1986

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Illinois Rural Electric News





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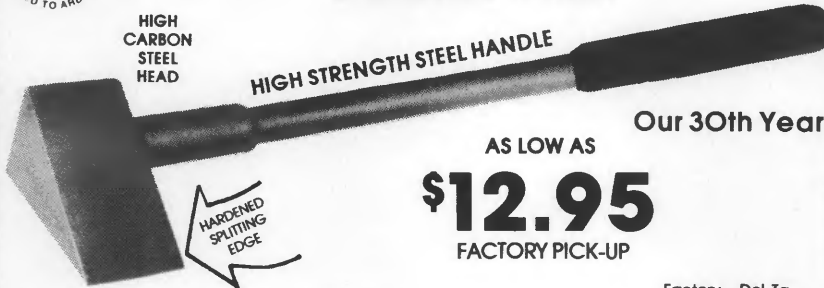
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I'm from Missouri, and am stubborn, am 65 yrs. old and light as a drum. Don't change everyday or every year or even have a desire to change as I've been splitting with wedges ever since I can remember. I've read your ad so many times but never got around to ordering a Monster Maul. But I borrowed my nephew's a few weeks ago and to my surprise its the easiest I've ever split wood including knotty Black Jack. Please send me a Monster Maul quick.

Matthew Yancik, Howard's Ridge, Ma.

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Illinois Rural Electric News

Rural electrification trends

The average rural electric consumer nationwide used less electricity last year, but enough new people moved onto rural electric lines so that kilowatt-hour (kwh) sales actually increased, according to the Rural Electrification Administration (REA).

Continuing a pattern that first appeared in 1979, residential consumers did not increase their use of electricity last year. Until 1979, when the average consumer's use of electricity dropped from 937 kwh to 919 kwh a month, rural households had increased their demand for electricity each year. During 1985, average use was only 906 kwh a month for residential consumers. This continued decline in electricity use indicates that consumers are still responding to the electric rate increases of the 1970s and early 1980s.

Largely because of a slight increase in the population in rural electric service areas and more sales to commercial customers, however, rural electric cooperatives nationwide actually sold 2.4 percent more electricity during 1985. Those sales outpaced the industry average of 1.9 percent, as reported by the Edison Electric Institute, the trade association for the nation's investor-owned electric utilities.

During 1985, rural electric systems served

266,743 more consumers than during 1984, an increase of 2.6 percent. Most of this growth in new consumers was concentrated in the South, a few East Coast and West Coast states and Alaska. In general, the entire Midwest and most northern states are experiencing sluggish growth. In two states, Iowa and Nebraska, rural electrics are losing consumers.

The rural electric systems with the most rapid growth in kilowatt-hour sales during 1985 were concentrated in the western and eastern portions of the country. Those with growth significantly below the 2.4 percent average were mainly concentrated in the Midwest and central areas, reflecting economic problems in states where farming and energy production dominate the economy. In nine states rural electric systems sold less electricity last year than during 1984.

Although rates have stabilized, more than 75 percent of the nation's 1,000 rural electric systems still have higher retail rates than their neighboring utility. This disparity is caused by the higher costs of serving rural areas and the fact that construction of new power plants has increased rural electric rates more than those of other utilities.

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Illinois Rural Electric News

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Cover: The changing of the summer season into winter brings on fall with its array of vivid colors enjoyed by so many Illinoisans.

Another Hotline School is history. Thanks to the training they received there, some 100 cooperative and municipal utility employees are a lot less likely to become history, and co-op members throughout the state will not have to put up with planned outages as often as they otherwise might have.

The school, held annually on the campus of Lincoln Land Community College near Springfield, teaches linemen and their helpers how to perform routine maintenance on live electrical lines in complete safety.

Maintenance and safety



Above: Left to right, John Tarsi, Elestimold factory representative, with Richard Haywood, Illinois Valley Electric Cooperative; Rick Alvig, also of Illinois Valley; Don Ward, Adams Electrical Co-Operative, and Edwin Covey, also of Adams. Below: Left to right, Kenneth Essman, John Mount and Tim Kulow, all of Eastern Illinois Power Cooperative.



The three-part course involved first-, second- and third-year work on distribution lines, rubber gloving, and installation, trouble shooting and maintenance of underground distribution facilities. Most of the course names are fairly descriptive. Hotline work involves working on lines that have electricity flowing through them. Distribution work deals with the electric distribution lines between the substations and the consumer, and first-, second- and third-year work describes the advancement process.

Rubber gloving involves the use of very heavy, extra-long rubber gloves, specially made to prevent the conduct of electricity, so the lineman can perform some tasks without having the lines de-energized.

The principles of electricity remain pretty much the same no matter how the current gets to the meter, but there are some problems that are peculiar to the underground installations and those problems, and their solutions, are the topics of discussion during the underground portion of the session.

This year's workshops, while plagued by the same cold and soggy weather that affected the rest of the state in late September and early October, were very productive, notes David A. Diederich, training and safety director for the Association of Illinois Electric Cooperatives, which puts on the school. Jim Nevel, JT&S instructor, and Miki Glass, of the training and safety staff, were also deeply into planning and working the event.

Instructors provided by electric cooperatives in the state were: Harold Baird, George Claus, Donald Long and Steve Wisdom of Illinois Rural Electric Co., Winchester; Myron Johnson, Clinton County Electric Cooperative, Breese; Richard Hilligoss and Lyle Kofoot, Eastern Illinois Power Cooperative, Paxton; Mark Bradley, Menard Electric Cooperative, Petersburg; Dale Deppe, Egyptian Electric Cooperative Association, Steeleville; Lloyd Price, Jo-Carroll Electric Cooperative, Elizabeth, and Rich Rainey, Tri-County Electric Cooperative, Mt. Vernon.





Soyland refinancing

“We have had tremendous support from elected officials in Washington ...”

Soyland Power Cooperative has received approval from the U.S. Treasury Department to prepay \$310 million borrowed from the Treasury's Federal Financing Bank (FFB) to finance its share of the nuclear Clinton Power Station. E. H. Williams, executive vice president of the Decatur-based federation of 15 electric distribution cooperatives, was notified October 8 that Soyland had become the first generation and transmission cooperative in the nation to receive approval to refinance its debt without penalty under legislation passed by Congress in June.

Soyland will prepay the \$310 million in loans from the FFB by borrowing from private money sources, eliminating government financing. The average interest rate

on Soyland's Clinton-related debt will decrease from the current level of 10.6 percent to approximately 7 percent. This will save Soyland and its member-cooperatives approximately \$11 million annually over the 30-year life of the loans.

“We are extremely grateful to Illinois Senators Alan Dixon and Paul Simon, Congressmen Bob Michel, Richard Durbin, Lane Evans, Ed Madigan, Terry Bruce and the other members of the Illinois Congressional delegation who worked so hard to help Soyland refinance its debt,” Williams said. “We have received tremendous support from our elected officials in Washington and their staffs as we have worked for almost a year now with the Rural Electrification Administration and the U.S. Treasury Department to lower the cost of our debt.”

The debt refinancing plan will have no immediate impact on Soyland's cost of power to its members. “What it does mean,” Williams said, “is that when the Clinton Power Station begins commercial operation next year, our members will see little or no change in rates. We are going to avoid the rate shock normally associated with new power plants entering production.”

Soyland is a power supply cooperative providing bulk power for the more than 105,000 meters served by its member distribution cooperatives. The electric distribution cooperatives making up the Soyland federation are: Clay Electric Co-operative, Flora; Clinton County Electric Co-operative, Breese; Coles-Moultrie Electric Co-operative, Mattoon; Corn Belt Electric Co-operative, Bloomington; Eastern Illinois Power Co-operative, Paxton; Edgar Electric Co-operative Association, Paris; Farmers Mutual Electric Company, Geneseo; Illini Electric Co-operative, Champaign; Illinois Valley Electric Co-operative, Princeton; McDonough Power Co-operative, Macomb; Monroe County Electric Co-Operative, Waterloo; Shelby Electric Co-operative, Shelbyville; Southwestern Electric Co-operative, Greenville; Tri-County Electric Co-operative, Mt. Vernon, and Wayne-White Counties Electric Co-operative, Fairfield.

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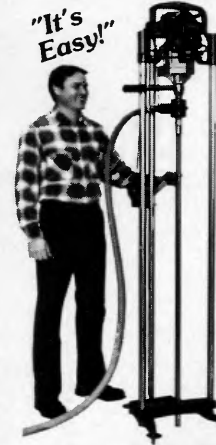
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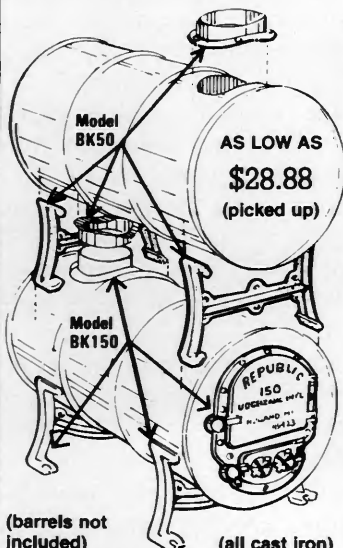
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Cooperative advan

Cooperatives are unique, democratically controlled, and designed from the ground up to be not-for-profit organizations. Thomas H. Moore, executive vice president and general manager of the Association of Illinois Electric Cooperatives, made that concise observation about cooperatives during activities launching October as Co-op Month.

Generally, he added, co-ops are formed after profit-making ventures look at a market that needs to be served and decide there is not enough money-making potential to be worth the trouble. That, in fact, is exactly what happened when rural people needed electricity in the

1930s. Since then, he continued, the electric cooperatives of Illinois have worked hard to see that rural people get services their city cousins take for granted.

Moore was one of the featured speakers during Co-op Month kick-off activities. Other speakers were: Larry Werries, Illinois Director of Agriculture; John Campbell, dean of the University of Illinois College of Agriculture; John White, Jr., president of Illinois Farm Bureau; James Tweedy, dean of the School of Agriculture, Southern Illinois University; Kenneth Baer, chief executive officer, Farm Credit Banks of St. Louis, and Dick Jurgens, vice president of Interstate Producers Livestock Association. The Illinois Farm Bureau organized the program.

"In the late 1940s and early 50s," he said, "rural people wanted telephone service but there was no way to serve them profitably. The electric cooperatives stepped in and helped form telephone cooperatives. Now they're off on their own and doing quite well.

"Another area was having water problems a few years ago and they wanted to form a water co-op. They went to their local electric distribution cooperative and got help, and that cooperative's now doing a real service that otherwise wouldn't have been provided."

As service organizations not interested in profits, electric co-ops are looking for low-cost or no-cost ways to perform additional services to their members, especially services other entities are not interested in offering. The IEC Crime Watch pro-



Thomas H. Moore, general manager of the Association of Illinois Electric Cooperatives.

stage

gram is a case in point, he added.

"Rural crime is increasing dramatically," he said, "and law enforcement people can't be everywhere, so some co-ops have gotten in touch with local law enforcement people and offered to help.

"Since co-op employees drive around the rural areas in radio-equipped vehicles a lot," Moore said, "we felt that it would be only natural for them to act as 'eyes and ears' for the local law enforcement agencies."

Cooperative employees do not carry weapons, nor do they attempt to make arrests. Instead, they look for suspicious activities, accidents and threatening weather, and radio in a report when they see something out of the ordinary. The program has already paid off in several of the participating co-ops, mostly in the quick reporting of auto accidents.

Telecommunications is a growing area which offers a lot of potential, Moore noted, and rural areas are being bypassed because of the low population density and the fact that it would be virtually impossible for cable television companies to turn a profit by "wiring" the countryside. "Probably half the homes that don't have cable TV now never will have," he noted. Satellite dish users face increasing "scrambling" of stations' signals, reducing the usefulness of the receivers. Descramblers are quite expensive and only a partial solution.

"The electric cooperatives have gotten together to form the National Rural Telecommunications Cooperative," he said, "and we're negotiating with several cable companies in the

hope that we'll be able to offer a good package for about \$10 a month, assuming the resident has a satellite dish," he added.

But, if industry projections are an indicator, the entertainment value



of the satellite dish will soon be surpassed by its value as a two-way communications device permitting electronic voting, teleconferencing, educational programs and other services.

"There has been enough time for profit-making concerns to look into the market," Moore said, "and they haven't. It's kind of a logical move for a non-profit electric cooperative, because they have a billing system in place and a rural service orientation, so we're going to get involved. Not-for-profit, but for the good of the areas we serve."

Gerald Quade (right) of Altamont was one of three persons honored by the Illinois Cooperative Coordinating Committee for their contributions to cooperatives. Making the presentation are, from left, Larry Werries, Illinois Director of Agriculture, and Dick Jurgens, vice president of Interstate Producers Livestock Association. Also honored were Don McWard of Hudson and Rich Connell of Bloomington.

Part-time wood cutters and wood splitters are sometimes unfamiliar with safe harvesting and splitting procedures. In addition to clearing the work area, instructing helpers, maintaining equipment and reading any operating manuals, the Log-splitter Manufacturers Association recommends the following for safe use of power log splitting equipment:

- All powered log splitters should be accompanied by operating and safety instructions for the safe opera-

tion. All such individuals should be kept away from the work area and only the operator allowed to be near the log splitter during use. If a helper is assisting and loading logs, never activate the control until the helper is clear of the area. Log splitters should never be operated by anyone while under the influence of alcohol, drugs or medication. A clear mind is very essential for safety.

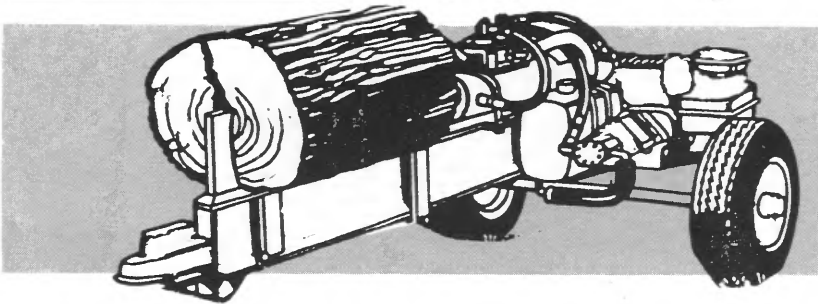
- Loose clothing or jewelry that can be caught by moving parts of a powered log splitter should be removed and snug fitting clothing that does not hang or swing loose should be adopted as standard attire for wood splitting activity. Safety shoes should always be worn. Safety glasses are a must and should always be worn while operating a powered log splitter. If the operator is wearing gloves, they should be tight fitting without loose cuffs or drawstrings. Protective hearing devices should be worn as needed.

- Both ends of each log should be cut as square as possible to help prevent the log from riding out of the splitter during operation.

- Only operate powered log splitters from the operator's zone as recommended by the manufacturer. During training, it is important to carefully test and develop a safety routine on powered log splitter operation so that stopping the unit and disengaging the controls is a natural, learned function. Never place hands or feet between log and splitting wedge or between log and ram during forward or reverse strokes. Operators should never straddle splitter when using it. The danger of the unexpected — slipping or momentary attention diversion is too great.

- Never try to split two logs, one on top of another. Do not step over a log splitter when engine is running. Operators who need to get to the other side should walk around. Operators should not attempt to load splitters while the ram is in motion. Though the ram appears to be moving slowly, a second of diverted attention is too much. Carefully watch the log as the splitter does its work and keep fingers away from any cracks that open in the log

Log splitter safety



Before operating a powered log splitter, consumers should read and understand the manual completely.

tion and maintenance of the equipment. Manufacturers, distributors, retailers, rental companies and others should make sure that the operator's manual is available and that it is read by anyone who prepares to operate a powered log splitter.

- Before operating a powered log splitter, consumers should read and understand the manual completely. They should become familiar with it for their own safety since failure to do so may possibly increase operational hazards. No one should be allowed to operate a powered log splitter who has not read the operator's manual.

- The splitter should never be used for any other purpose than splitting wood. It is designed for wood splitting only and any other use compromises the safe operation of the unit.

- Children should never be allowed to operate a log splitter. Neither

during the splitting operation. Such cracks can close quickly and create an unexpected safety hazard to fingers or hands.

- Never move the log splitter while the engine is running. Shut off the engine for repositioning and then restart when the area is cleared and ready. Make sure that split or cut logs are piled away from the area or loaded for transporting to another location.

- Log splitters should never be operated on slippery, wet, muddy or icy surfaces. Safe footing is absolutely essential in preventing accidents. Find a level location for the splitting area. A hillside is not acceptable. Following positioning, block wheels to prevent movement of the log splitter while in operation. When

using powered log splitters, work in daylight or good artificial light.

- All nuts, bolts and screws should periodically be checked and tightened according to the specifications as set in the owner's manual. Check all safety guards and shields to be sure they are in the proper position, since these safety devices are for the operator's protection. Never operate a powered log splitter with safety guard shields or protective features removed. The splitter should not be modified in any way such as attaching a rope or extension to the control lever or adding to the width or height of the wedge. Such alterations are a design change and make the splitter unsafe. Always perform all recommended maintenance procedures before using the splitter.

Co-operation



on call in good weather . . . and bad.

When Mother Nature shows her worst side, we appreciate them the most. We're talking about the line crews at your electric cooperative, on call 24-hours daily in good weather and bad.

When the lights go out in the middle of the night, it's good to know that the line crews at your electric cooperative are there. With little notice they'll be on the scene, doing their best to get the power back on and keep it flowing for their employers . . . you, the cooperative members. Cooperative line crews brave nature's elements, often off the road in deep snow or 40 feet off the ground working the overhead lines. And, safety must be foremost in their minds at all times.

Keeping the electricity flowing is dangerous work . . . in good weather and bad. Members like you can count on cooperative linemen to get the job done . . . and keep the power flowing.

Thanksgiving smorgasbord

BARBECUE SAUCE

- 4 quarts catsup
- 1 quart vinegar
- 4 ozs. dry mustard
- 1/4 oz. red pepper
- 3/4 oz. black pepper
- 3 ozs. chili powder
- 8 ozs. brown sugar
- 1 quart tomato sauce
- 2 cloves garlic
- 2 ozs. salt

Combine all ingredients. Simmer, stirring occasionally until thickened, about 1 hour. Makes 1 gallon. Keep unused sauce in covered jar in refrigerator.

CHICKEN AND RICE

- 1 cup rice
- 1 can celery soup
- 1 can cream of chicken soup
- 2 cans water
- 1 fryer cut in serving pieces (leave on skin)
- Salt
- Butter

Salt chicken. In large baking dish, pour in rice; top with pats of butter. Mix both cans of soup and water; stir. Pour over rice and place chicken on top. Bake at 350 degrees for 1 hour or until done.

RAISIN PIE

- 1 cup raisins
- 1 cup water
- 1 cup sugar
- 1/4 cup butter
- 3 tablespoons flour
- 1/2 large can of condensed milk

Combine raisins, water and sugar. Boil for 5 minutes. Mix condensed milk and flour to make paste. Slowly stir into raisin mixture, and add butter. Cook slowly until thickens. Pour into uncooked pie shell. Top with another uncooked pie shell — seal. Bake at 350 degrees until crusts are lightly browned. Cool before slicing.

AMAZING COCONUT PIE

- 2 cups milk
- 3/4 cup sugar
- 1/2 cup biscuit mix
- 4 eggs
- 1/4 cup butter or margarine
- 1 1/2 teaspoons vanilla
- 1 cup angel flake coconut

Combine milk, sugar, biscuit mix, eggs, butter and vanilla in electric blender. Cover and blend on low speed for 3 minutes. Pour into greased 9-inch pie pan. Let stand about 5 minutes, then sprinkle with coconut. Bake at 350 degrees for 40 minutes. Serve warm or cool. (This pie makes its own crust.)

GINGER CRACKLES

- 2 1/2 cups flour
- 1 tablespoon ginger
- 2 teaspoons soda
- 1 teaspoon cinnamon
- 1/2 teaspoon salt
- 3/4 cup shortening
- 1 cup sugar
- 1 egg
- 1/4 cup molasses

Cream shortening, egg and sugar. Add molasses. Mix well. Add rest of ingredients. Stir well. Form into 1-inch balls and roll in sugar. Place 2" apart on ungreased cookie sheet. Bake at 350 degrees until done.

TEXAS HASH

- 1 lb. hamburger meat
- 1 can tomatoes
- 1 can mushroom soup
- 1/2 cup chopped onion
- 1 cup Minute rice
- 1/4 teaspoon garlic
- 1/4 teaspoon black pepper
- 1/4 teaspoon oregano
- 1/2 teaspoon salt

Brown hamburger meat and onions in skillet. Pour remaining ingredients into skillet and heat, then pour into casserole dish and place cheese on top. (Cheddar Cheese on top is optional.) Bake in oven at 350 degrees for about thirty minutes or until cheese melts.

DUTCH MEAT LOAF

- 1 1/2 lbs. ground beef
- 1 cup bread crumbs
- 1 onion, chopped
- 1/2 can tomato sauce
- 1 egg, beaten
- 1 1/2 teaspoons salt
- 1/4 teaspoon pepper

Mix ingredients and form into a loaf. Place in shallow pan and place in 350 degree oven. Combine the following for sauce on top.

- 1/2 can tomato sauce
- 1 cup water
- 2 tablespoons prepared mustard
- 1 tablespoon vinegar
- 2 tablespoons brown sugar or molasses

Pour sauce over meat loaf in oven, and continue baking 1 1/4 hours, basting occasionally.

STANDING RIB ROAST BEEF

Place 8 lb. top-quality roast in shallow open pan with fat side up. The rib bones in a standing roast keep the roast off the bottom of the pan. Do not wash the roast; wipe with a damp cloth or paper towel. Insert a roast meat thermometer into the center of the roast. Season roast if desired. Do not add water or cover the roast. Roast in slow oven at 325 degrees until the roast meat thermometer indicates degree of doneness desired—140 degrees rare, 160 degrees medium or 170 degrees for well done. OPTIONAL: 45 minutes before the roast is done, pare and boil medium-size potatoes 15 minutes, drain and place the hot potatoes in the meat drippings around the roast. Turn them over using tongs to coat with the meat drippings. Finish cooking potatoes along with the roast. Salt them lightly before serving.

JAZZED-UP CANNED BEANS

Ginger Peachy Baked Beans:

Turn 2 cans (1 lb. each) baked beans into 2-quart casserole. Stir in 1/2 cup dark corn syrup; a small onion, chopped; a dash of ginger. Top with canned peach halves. Bake at 400 degrees, basting frequently, 1 hour or until peaches are well glazed and beans are hot and bubbly. Makes 4 to 6 servings.

Spicy Beans:

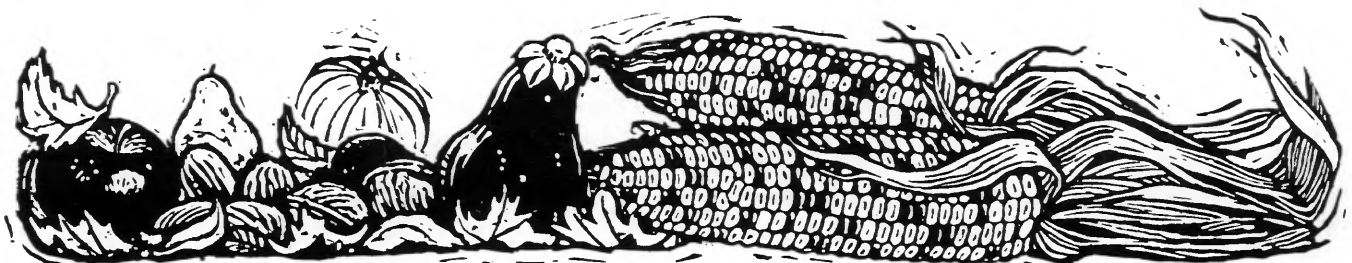
In a saucepan, stir together 2 cans (1 lb. each) beans in tomato sauce, 1/2 cup dark corn syrup, 3 tablespoons bottled steak sauce, dash of chili seasoning. Bring to boil, stirring frequently. Reduce heat and simmer uncovered about 25 minutes, stirring occasionally. Makes 4 to 6 servings.

Saucy Baked Beans:

In 1 1/2 quart casserole or bean pot, stir together 2 cans (1 lb. each) beans in tomato sauce, 2/3 cup applesauce, 1/2 cup finely chopped onion, 1/3 cup dark corn syrup, 1 clove garlic, minced, 1 tablespoon prepared mustard, 1/2 teaspoon salt. Bake at 400 degrees 1 hour. Makes 4 to 6 servings.

Beans and Franks:

In 2-quart casserole, stir together 2 cans (1 lb. each) pork and beans, 1/2 cup dark corn syrup, 1/4 cup pickle relish, 1/2 teaspoon dry mustard, 1/4 teaspoon ground ginger. Bake at 400 degrees 30 to 45 minutes. Top with 1/2 pound frankfurters; continue baking 15 minutes. Makes 4 servings.



PORK CHOPS & GREEN RICE DRESSING

- 6 pork chops
- 2 cups rice
- 4 cups water
- 3 tablespoons sage
- 1/4 cup diced onions
- 1/4 cup diced celery
- 2 eggs

Brown pork chops over quick heat. Cook rice, onions, celery in boiling water until rice is tender. Add eggs and sage to rice mixture. Salt to taste and mix well. Remove pork chops from pan. Add 1 cup water to pan that pork chops were cooked in. Mix rice mixture with this. Pour into baking dish. Place pork chops over dressing mixture. Bake at 350 degrees about 45 minutes.

CHICKEN & DUMPLINGS

Stew a 2 1/2-3 lb. fryer in water to cover the chicken. When tender, remove from pan and take the meat off the bones. Set meat aside. Add water to broth to make about 9 cups. Add 1/4-lb. margarine to water and heat to boiling point.

- DUMPLINGS:**
- 3 cups flour
 - 2 teaspoons salt
 - 2 teaspoons baking powder
 - 1/2 teaspoon pepper

Mix flour, salt, pepper and baking powder. When broth begins to boil, remove fat off top of boiling broth and pour over flour mixture until it can be made into dough. Roll while hot and cut into strips 1 1/2" x 2". Drop into boiling broth. Cover and cook 15 minutes. Put chicken in dumplings and cook another 10 minutes. Serve hot to 6.

CHICKEN SPAGHETTI

- 2 pkgs. chicken thighs
- 4 tablespoons minced onion
- 4 tablespoons dehydrated bell pepper flakes
- 2 tablespoons dill seed
- 2 tablespoons parsley flakes
- 7 oz. spaghetti
- 1/2 lb. Velveeta cheese
- 1/2 lb. jalapeno cheese
- 1 small jar pimentos, drained
- 1 small can black olives, chopped
- 1 small can mushroom pieces

Cook chicken with water. Add onion flakes, bell pepper flakes, dill seed, parsley flakes, salt and pepper. Cook until chicken is done. Remove chicken and allow it to cool so it can be deboned. Cook spaghetti in chicken broth. When done add Velveeta and jalapeno cheese. Stir until cheese is melted. Add pimentos, black olives and mushroom pieces. Add chicken and stir well. This can be frozen.

STRAWBERRY CAKE

- 1 box white cake mix
- 1/4 cup water
- 1 cup cooking oil
- 1 pkg. strawberry jello (3-oz. size)
- 4 eggs
- 3/4 cup strawberries

Combine all ingredients except strawberries. Mix until moistened. Beat on medium speed of mixer for 2 minutes. Stir in strawberries. Pour into greased and floured cake pans. Bake at 350 degrees until toothpick inserted comes out clean. Cool in pans for 10 minutes and turn out on rack, finish cooling.

ICING

- 1 box confectioners sugar
- 1 stick butter or margarine or 1/2 cup shortening
- 1 teaspoon vanilla
- Enough strawberries to make spreadable

BLACK-BOTTOM PIE

- 1 9-inch baked gingersnap crumb crust
- 2 sqs. unsweetened chocolate
- 1 envelope unflavored gelatin
- 2 1/4 teaspoons cornstarch
- 3 eggs, separated
- 1 1/4 cups milk
- 1 teaspoon vanilla extract
- 1 tablespoon light rum
- 1/2 cup heavy or whipping cream, whipped

GINGERSNAP CRUMB CRUST

Crush enough gingersnaps for 1 1/2 cups crumbs. Add 1/2 cup melted butter or margarine. Mix well, press in 9-inch pie plate. Bake at 325 degrees for 5 minutes. Cool. 1. In small saucepan over very low heat melt 1 1/2 squares chocolate; set aside. 2. In second small saucepan, stir gelatin with 1/4 cup sugar and cornstarch, until well mixed. In small bowl, with fork, beat egg yolks with milk; stir into gelatin mixture. Cook over medium-low heat, stirring, until mixture is thickened and coats spoon. Remove from heat; divide in half. 3. Into one half the mixture, stir melted chocolate and vanilla; with spoon, beat smooth. Refrigerate until mixture mounds when dropped from spoon. Pour into crust; refrigerate. Refrigerate remaining custard until it mounds when dropped from spoon. 4. Meanwhile in small bowl, with mixer at high speed, beat egg whites until soft peaks form; gradually sprinkle in 1/4 cup sugar; beat until sugar is completely dissolved. With rubber spatula, gently fold whites and rum into custard; pour as much custard mixture as crust will hold over chocolate mixture. Refrigerate pie for a few minutes. Pour rest of custard mixture on top. Refrigerate until set. Garnish pie with whipped cream. Sprinkle with remaining chocolate, shaved.

MAGIC BARS

- 1/2 cup butter
- 1 1/2 cups graham cracker crumbs
- 1 can sweetened condensed milk
- 5 3/4 oz. bag chocolate chips
- 1 cup nuts
- 3 oz. coconut

Preheat oven to 350 degrees. In a 13 x 9-inch pan, melt butter, sprinkle graham cracker crumbs. Pour sweetened condensed milk over crumbs. Sprinkle chocolate chips on top of this. Press lightly. Pour on layer of nuts, press. Sprinkle top with coconut, press. Bake for 20 to 30 minutes.



GLAZED CORNISH HENS WITH PILAF

- 4 Cornish hens, about 1 pound each
- Salt and pepper
- 1 large onion, cut in pieces
- 4 small cloves garlic
- 3/4 cup hazelnut liqueur, divided
- 1 to 2 cups chicken broth, divided
- 1 tablespoon cornstarch

Wash hens inside and out; pat dry. Sprinkle outside and cavity with salt and pepper. Stuff cavity of each hen with onion and garlic. Arrange hens in a shallow roasting pan; brush with 2 tablespoons hazelnut liqueur. Add 1/2 cup broth to roasting pan. Bake in a 350 degree oven for 45 minutes, or until tender. Baste often with 1/3 cup liqueur and pan drippings. Add 1/2 cup more broth if necessary. Remove hens to serving platter and keep warm. Add remaining 1 cup broth to roasting pan; bring to a boil scraping up brown bits in pan. Combine remaining liqueur (you should have about 1/4 cup) and cornstarch. Stir into mixture in roasting pan; bring to a boil, stirring constantly.

PILAF

- 2 tablespoons butter or margarine
- 1 cup chopped onion (1 large)
- 1 cup chopped celery (2 ribs)
- 1 cup uncooked rice
- 1/3 cup small dried currants
- 1 small bay leaf
- 2 1/2 cups chicken broth or stock
- 2 tablespoons chopped parsley

In large skillet melt butter; saute onion and celery until crisp-tender. Add rice; cook, stirring constantly, until golden brown. Add currants, bay leaf and broth; mix well. Cover tightly. Simmer 20 minutes, until rice is done. Stir in parsley. Spoon onto serving dish. Arrange hens over rice.

MEXICAN CORNBREAD

- 1 cup corn meal
- 1 tablespoon baking powder
- 1 cup grated processed cheese
- 1 teaspoon salt
- 1 cup sweet milk
- 1 cup cream style corn
- 1 cup chopped onion
- 1/4 cup cooking oil
- 2 eggs
- 2 or 3 Jalapeno peppers

Mix all ingredients together. Pour into hot, greased heavy skillet and bake at 350 degrees for 45 minutes.

SOUTHERN PECAN PIE

- 1 1/2 cups pecans (halves or pieces)
- 3 eggs
- 1/2 cup sugar
- 1/2 stick butter
- 1 cup white syrup
- 1 teaspoon vanilla
- 1/4 teaspoon salt
- 1 eight-inch deep dish uncooked pie shell

After creaming the sugar and butter in a mixing bowl, add the eggs one at a time, stirring thoroughly after each addition. Then add the syrup, pecans and seasonings and continue stirring until the mixture is well blended. Fill your pie shell and bake at 350 degrees for about an hour. Cool for about 2 hours before serving.

It was much like many other days during a busy harvest season. On Friday, October 28, 1985, John Friedman had worked alone all day, his two youngest sons had just joined in the work, and the three were looking forward to midnight, when they would quit for the day and head into town for breakfast. It was routine, to this point.

Just before 5 p.m. that day, John Friedman recalls, he decided to quit using a grain auger that had been giving him trouble as he harvested

corn in southeast Livingston County not far from his farm home near Roberts. He planned to move another auger from down the road. What happened in what Friedman says was but three seconds left him a severely injured, but very thankful man. He moved the second auger into a 7,200-volt, three-phase power line, and lived.

"I was combining corn, enjoying it. We were going to work all night. I wasn't thinking too good," Friedman says. "I had trouble with an auger.

'I don't know what I'm doing here'



John Friedman (right) and EIPC manager Dave Fricke survey the accident site.

We were switching augers, and I had an electric drill that I put on the auger to raise and lower it, instead of doing it by hand. I have a generator on my truck, but it wouldn't work. A \$45 coil was the problem. I told the boys I would push it (the auger) under the wire and out into the road. I thought I was away from the wire, but I was on top of it. I unhooked it (the auger) from the tractor to pick it up, and I got caught," the member of Eastern Illinois Power Cooperative adds, as his voice trails off.

"I imagine I was on it for three seconds. I don't even know if I touched the line. My youngest son said, 'Dad, you're going to hit the wire' and I heard the spark. I remember getting stiff. It sounded like I was under a jet engine. I thought my ear drums were going to break. I remember getting stiff, but I don't remember hitting the ground. I woke up and I heard one of the boys holler, 'Get him away from the auger! Get him away from the auger!' It fell down between my legs. They pulled me back. I was saying 'goodbye' to them because I thought I was gone."

The accident occurred about 4:55

p.m., Friedman says. Emergency medical help was there by 5:15 and the ambulance by 5:35. He said his heartbeat at the Fairbury Hospital ranged from 178 to 40 beats a minute. After stabilizing the heartbeat and bringing his burns under control, hospital people told him he should go to a center that specialized in burn rehabilitation.

On Sunday, less than two days after the accident, Friedman walked out of the hospital and even went into town to visit one of his brothers at a local restaurant. "We were on our way to the Springfield burn center when I told my wife, 'I'll be home in a few days,'" he says, laughing about how little he knew about the extent and seriousness of his injuries.

Now, as Friedman turns his palms up to show the year-old scars, he says that, despite what happened to him, it is not an easy task to make people aware of the enormous dangers of carelessness around electric power lines.

Those scars on his hands are the only visible indications of the damage the momentary contact with electricity caused. For those with something other than a weak stomach, he has photos, made during his recovery.

The electricity entered his hands — areas on his abdomen and hip were burned by contact with the energized auger — and exited through both feet. The color photos chronicle his progress through almost five weeks of hospitalization at Springfield in Memorial Medical Center's burn unit. It was a period of regeneration of new skin and skin and muscle grafting on his left foot. The electricity burned about three-fourths of the way through the bone of the big toe, and major grafting, including arteries, nerves and blood vessels, saved the toe.

"I don't know what I'm doing here," Friedman, 58, says as he talks about how fortunate he was that his injuries were no more severe than they were.

"A doctor in Springfield said, 'I don't know why you didn't get your feet burned off and lose both arms.' Every day to me is a bonus, when I

can work, button a button, eat," Friedman says. "That \$45 coil cost \$33,000," he adds, "and I'll have problems the rest of my life. The top halves of the index fingers have no feeling and the big toe on the left foot has no feeling."

Friedman, whose sons Jason, 17, and James, 20, were at the accident site, theorizes that he actually tipped the top of the auger down onto the wire when he lifted the bottom part, then it lifted off the wire when the bottom dropped following the contact.

What will he be doing differently?

"For one thing, I'm not moving augers like this. I have a lot of respect for electricity. Four or five times a season I moved augers under those lines. Always had them (augers) down. That day, my brains just weren't with it."

Advice for others?

"Think, which I didn't do. All I had to do was think. If this (story) will help one guy, it'll be worth it."

"Every day to me is a bonus, when I can work, button a button, eat."

Clockwise from lower right: A shoe Friedman was wearing, along with burned sock. Electricity burned through gloves in several places. Friedman (left) shows Fricke where the power went through the shoe.



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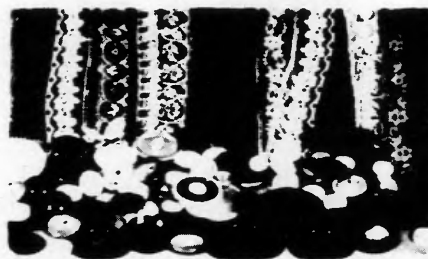
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Reading PALs

Reading tutor Sylvia Smith of St. Elmo, left, and Ellie Maroon look over some of the books recently added to the PAL library. Mrs. Maroon, a member of Norris Electric Cooperative, is a librarian in Altamont, does radio tapes for a local radio station and is a volunteer tutor. Mrs. Smith, a member of Southwestern Electric Cooperative, is a retired nurse with strong family ties to education. They, along with other volunteers throughout Illinois, are working to help others learn to read.

There are an estimated two million illiterate adults in Illinois, and that bothers Altamont librarian Ellie Maroon and her friends at PAL. PAL stands for Partners in Adult Literacy, and the group hopes to make a good-sized dent in the illiteracy numbers in their area.

The program is made up of many volunteers who, after taking a training course, work individually with people who need to develop reading skills. It is coordinated in their area by Pat Hemmett at Lake Land College in Mattoon.

"Being unable to read is a serious problem," Mrs. Maroon says, "because it's so difficult to get along in a modern society without reading skills. Imagine trying to pass a driver's license test, to read the 'help wanted' ads or to read the instructions on a medicine bottle. I've heard that road signs, which are perhaps a little difficult for people who can read, become a very real problem for illiterates, because operating a car and reading a sign as it goes by compounds the difficulty.

"Another major disadvantage is a direct economic problem," she says,

adding, "they can't buy generic canned goods. If you can't read, and there isn't a picture on the label, you have no way of knowing what's in the can. Often, people who need to save money the most can't. We stress that tutorial help is free, and that it's given on an individual basis."

PAL, Ellie notes, is a cooperative effort involving Lake Land College, the Mattoon Area Adult Education Center and the Pana Learning Center. Its region covers 4,000 square miles in all or parts of 14 counties, and represents a population of about 18,000.

"It's part of a statewide effort," she emphasizes, "and our region is just one of several throughout Illinois. We're getting a lot of help from the state in our efforts, and reducing illiteracy has become an important concern in Illinois."

There are many people who are able to function, barely, by concealing their reading disability, she says, and occasionally one decides to find help. "We don't teach sounding out words," she says, "When someone comes to us we ask them to tell us a story about something they've seen or done recently, and we write it down word for word. We pick out a few key words and write them on little pieces of paper for them to study every chance they get. We teach them to recognize whole words.

The key, she adds, is getting people to admit that they need help, and to step forward. After that, things become much easier.

The PAL volunteers and their coordinators hope to be able to help many area residents with their literacy problems, and they have already done a lot. So far, more than 60 active volunteers have worked with 150 students, and have put in more than 1,550 hours. An additional 100 volunteers have been recruited, and 66 of them have completed the eight-hour training session. "We're ready to help a lot more people if they'll just come in," Ellie says.

Those who need help with their reading skills can start by looking for some willing and capable help at their local library.

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WHITE FEMALE HAIR: Brown



BRIAN R. BLEYL

LAST SEEN: 2/28/81 EYES: Brown
FROM: Phoenix, AZ HEIGHT: 4'11"
DOB: 12/2/68 WEIGHT: 100
WHITE MALE HAIR: Brown

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4065-



7065-



4612-

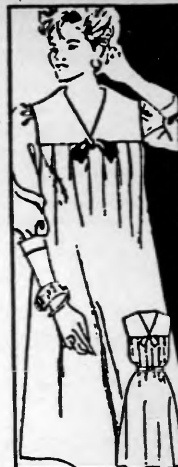
- No. 4065 is cut in sizes 12½, 14½, 16½, 18½, 20½, 22½, 24½, 26½. Size 14½ takes 2-3/8 yards of 60-inch fabric.
- No. 7065 is filet crochet butterfly placemat or chairback. Use bedspread cotton.
- No. 4612 is vest, culotts & shirt. Sizes 8, 10, 12, 14, 16, 18, 20; 34, 36, 38, 40, 42, 44, 46, 48, 50, 52.



814



9441-



4964-

- No. 814 is patch pattern for single quilt 74"x104"; double 84"x104" - fan design.
- No. 9441 is baby doll dress or long sleeved granny gown. Sizes 6, 8, 10, 12, 14, 16, 18, 20.
- No. 4964 is cut in sizes 10½, 12½, 14½, 16½, 18½, 20½, 22½, 24½; 34, 36, 38, 40, 42, 44, 46, 48, 50, 52.



4820



7440



4016-

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4060-



7078-



4026-

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