

Robert Wagner, left, and Chris Bowron look over a map of New Zealand, to find Chris's home. Chris is the twelfth guest the Wagners have hosted from that country, and they have visited some of the others who enjoyed their hospitality. Wagner, a director of Western Illinois Electrical Coop., lives near Burnside.

Gasoline, which costs the equivalent of about \$2.20 a gallon in New Zealand, generally goes into smaller vehicles. Four-wheel-drive trucks are popular but about twice as expensive as they are here. Most are from Japan. Tractors and farm implements are smaller, too, mainly because of the limited tillable land. "Ford, Massey-Ferguson and International are all popular, but not the big ones. An 80-100 horsepower tractor is a big one," he says.

The educational system differs, too. Bowron spent his first eight years of school at home — studying by mail. "We only got mail twice a week, and I got two weeks' worth of work at a time. After I got my eight years of schooling in by mail, I went to a boarding school about 100 miles from home," he says.

While there are differences in the way things are done in the two countries, there are also similarities, and one is the growing role the New Zealand government. "The largest segment of the economy seems to be government employees," he says with a laugh, "but a lot of our other employment centers around agriculture and natural resources, such as pulp mills.

"Carpet mills, woolen mills, transport for livestock and fertilizer works all employ a lot of workers, too, and so do the government-owned railroads."

While Bowron notes that there are many differences in the way the countries operate, there are many similarities, and it is interesting to compare. Thanks to hosts like the Wagners, there are such opportunities for visitors to see America.



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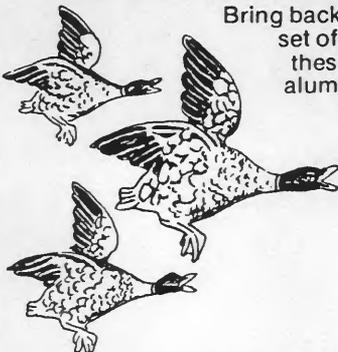
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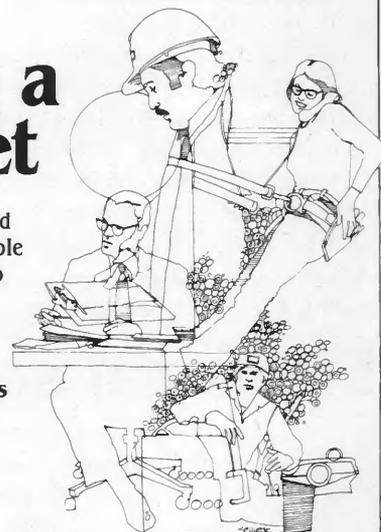
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A number of employees of Illinois Rural Electric Co. were honored for 15 or more years of service and safety during the annual Employee-Director Banquet. Seated from left are: Donald L. Long, Winchester, 15 years service; Russell D. Neff, Winchester, 15 years service; Albert R. Kirchner, White Hall, 15 years service, and John E. (Jack) Kimble, Winchester, 27 years without lost-time accident. Back row (Bill) Jefferson, Winchester, 15 years service; Clayton E. DeHart, Barry, 15 years service and 15 years without lost-time accident; and Robert E. Gant, Winchester, 15 years service and 15 years without lost-time accident. Not present for the photo were Allen D. Coultas, Bluffs, 35 years service; and Gary L. Furniss, Barry, 15 years service. From left: Virgil T. Parks, Milton, 40 years as a director; Harry L. Taylor, Winchester, 35 years service; George L. Claus, Milton, 15 years without lost-time accident; Donald A. McLaughlin, Winchester, 35 years service; Louis R. (Dick) Shive, Winchester, 15 years service and 15 years without lost-time accident; Charles W.

Electrical safety tips

The basic precautions

You can avoid the pain, scarring and loss of life from electric shock by taking certain precautions.

Never touch any electrical item — washer, dryer, shaver, grinder, drill, whatever — while standing barefoot or in wet shoes or sandals on concrete, stone, terrazzo, tile, metal or dirt.

Remember that a turned-off device is connected to electricity until it is unplugged.

Don't be careless with any electrical device in the bathroom while you are wet, barefoot or touching any part of the plumbing.

Use extreme caution when operating such outside devices as drills or hedge trimmers. Read all safety instructions, and don't remove the third prong — the ground — of a three-prong plug.

Don't risk installing an antenna or mast if it could possibly fall within several feet of an electric service wire, if the day is windy or if you don't have enough help. Under any of those circumstances call in an experienced professional.

It's hard to imagine how our ancestors got along without electricity. Yet the more we use it, especially with light-duty, personal and household equipment, the more we risk exposure to its dangers — and the more precautions we must take to avoid its inherent hazards.

First aid for electric shock

1. Control your emotions — don't touch the victim if he's still in contact with the electrical device or live wire.

2. Turn off the current at the switch, if possible. Otherwise, use a nonmetallic object, preferably a wooden

pole or board, to remove the power source from the victim.

3. Try not to move the victim. He may have broken bones or interior burns that could kill him if he is moved incorrectly.

4. Have someone call an ambulance and specify the precise nature and location of the accident. The ambulance crew can bring special resuscitation equipment. But don't leave the victim if you are alone. The next two or three minutes are vital.

5. If the victim has a pulse or his heart is beating but he is not breathing, immediately begin mouth-to-mouth breath assistance. If there is no pulse, external cardiac massage must also be employed — the full cardiopulmonary resuscitation (CPR), which medical authorities say should be done by qualified persons.

6. After heartbeat and breathing is restored, stay with the victim. Keep him quiet, warm and comfortable until medics arrive to take charge.

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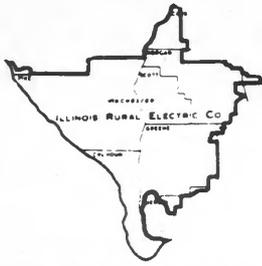
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High Line News

ILLINOIS RURAL ELECTRIC CO.

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WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

Fifteen employees and one director of Illinois Rural Electric Co. have been recognized for 333 combined years of service to your cooperative. They were honored during IREC's 35th Annual Employee-Director Banquet November 20 in Jacksonville.

They were recognized for five, 10, 15, 35 and 40 years of service. Receiving 35-year service awards were: Allen D. Coultas, Bluffs, Serviceman Lineman; Donald A. McLaughlin, Winchester, Engineering Coordinator; and Harry L. Taylor, Winchester, Line Foreman. Other length-of-service awards were presented to Clayton E. DeHart, Barry, Serviceman Lineman; Gary L. Furniss, Barry, Journeyman Forester; Robert E. Gant, Winchester, Manager; Charles W. Jefferson, Winchester, Fourth-Year Apprentice Lineman; Albert R. Kirchner, White Hall, Automotive Mechanic; Russell D. Neff, Winchester, Member Serviceman; Donald L. Long, Winchester, Serviceman Lineman; Louis R. Shive, Winchester, Storekeeper, all 15 years; Albert W. Kirchner, Patterson, Journeyman Lineman, 10 years; and Dwight A. Ala, Winchester, Fourth-Year Apprentice Lineman, five years.

Receiving a 40-year service award was V. T. Parks, Milton, President of the Board of Directors.

Seven employees were presented safety awards in recognition of their years of employment without a lost-time accident on the job. These employees included: John E. Kimble, Winchester, 27 years; George L. Claus, Milton; Clayton E. DeHart, Barry; Robert E. Gant, Winchester; Louis R. Shive, Winchester, all 15 years; and Albert W. Kirchner, Patterson, and Lynn E. Rimbey, Rockbridge, both five years.

Special recognition was given to four employees who will be retiring. Helen M. Blackburn, Winchester, EDP Computer Operator, retired October 31, 1981, with 17 years of service; Albert R. Kirchner, White Hall, Auto-

tive Mechanic, will retire December 31, 1981, with 15 years of service; William M. Milliken, Winchester, Oil Circuit Recloser Maintenance, retired September 30, 1981, with 36 years of service; and Harry L. Taylor, Winchester, Line Foreman, will retire December 31, 1981, with 35 years of service.

The entertainment for the evening was provided by E. Larry Moles, Pinch, West Virginia.



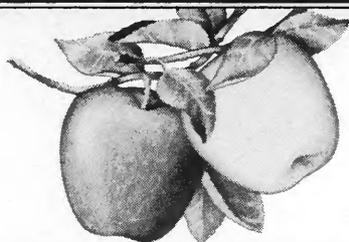
Manager Robert E. Gant, right, talks with three employees who received length-of-service or safety awards during the dinner. From left they are: Albert W. Kirchner, Patterson, 10 years service; Lynn E. Rimbey, Rockbridge, five years without lost-time accident; and Dwight Ala, Winchester, five years service.



Three retiring employees of Illinois Rural Electric Co. were honored during the dinner. With Manager Gant, second from right, are Albert R. Kirchner, White Hall; Helen M. Blackburn, Winchester, and Harry L. Taylor, Winchester. A fourth retiree, William M. Milliken, Winchester, was unable to attend the dinner.

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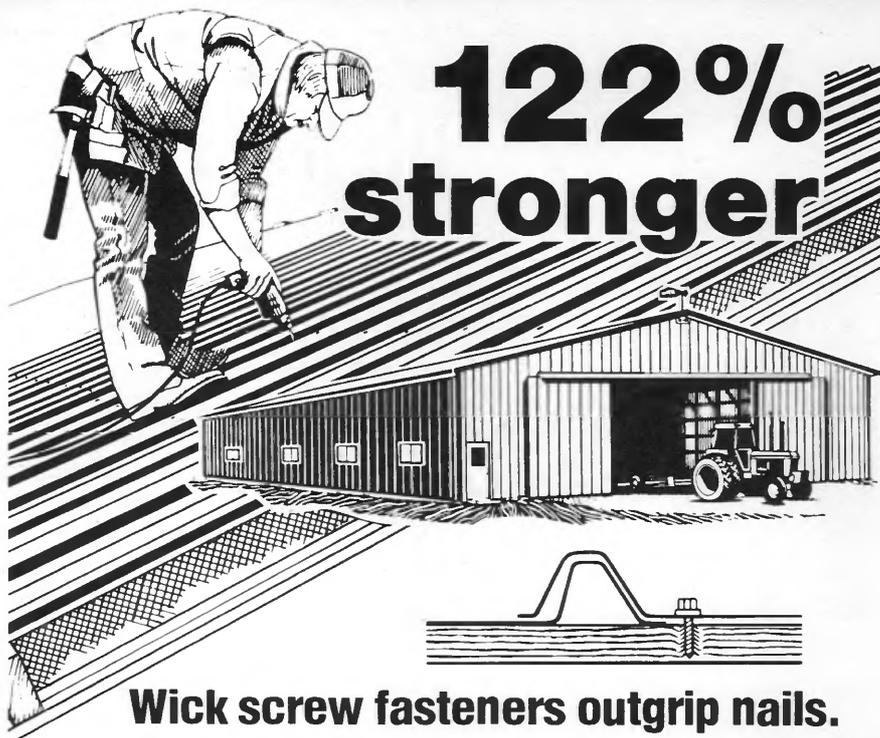
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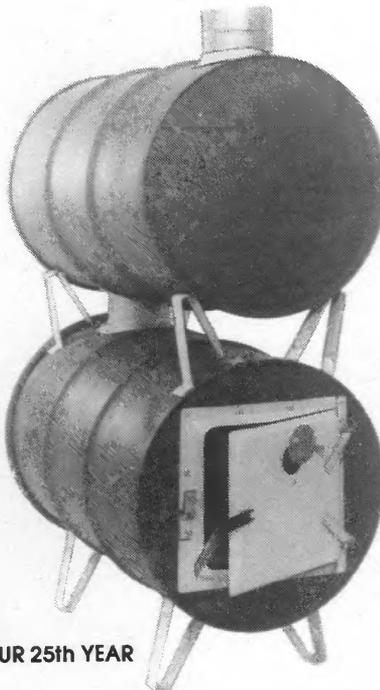
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Six IREC employees participate in Hotline School

As part of Illinois Rural Electric Co.'s continuing effort to provide for its members reliable, adequate electric service at a reasonable cost, your electric cooperative participates each year in the Hot Line School, a safety training program coordinated by the Association of Illinois Electric Cooperatives.

Again this year, IREC enrolled several employees in the school, held at Lincoln Land Community College in Springfield. IREC employees attending the school received safety training in working on overhead power

Participating in the week of overhead instruction were: Donald L. Long, Service Journeyman Lineman, Winchester; George L. Claus, Service Journeyman Lineman, Milton; Harold W. Baird, Line Foreman, Winchester; Thomas H. Anders, Journeyman Lineman, Winchester; Gary L. Harbison, Journeyman Lineman, Winchester; and Albert W. Kirchner, Journeyman Lineman, Patterson.

Long and Claus served as instructors during the week of schooling, which included hot line (electric service is not interrupted) tool work with sticks for maintenance, repair and installation on overhead lines, as well as rubber glove work, a procedure used by your cooperative for a considerable amount of hot line work.

Hot line maintenance is vital for your electric system. It is important that such work is completed safely, efficiently and quickly, as so to minimize or eliminate any inconvenience to the members of the cooperative.



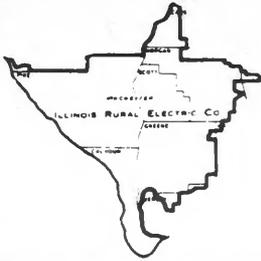
Harold W. Baird (left) and Thomas H. Anders



Albert W. Kirchner (left) and Donald L. Long



George L. Claus (left) and Garry L. Harbison



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



**It's that
time of year...
and we'd like to
express our thanks**

...to those determined people who, some 40 years ago, had the vision and persistence to form rural electric cooperatives.

...to our members, who care about this system and keep it responsive to changing needs.

...to our community, for being our community-interested and concerned about our progress.

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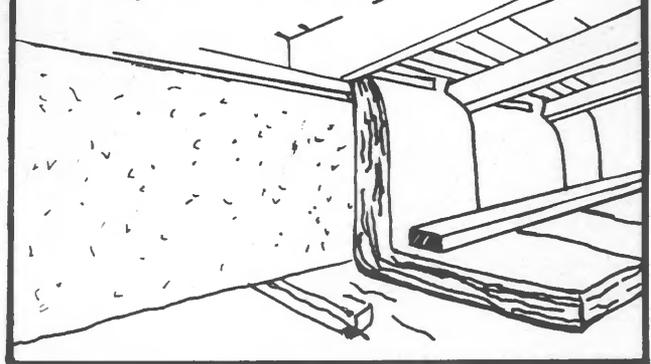
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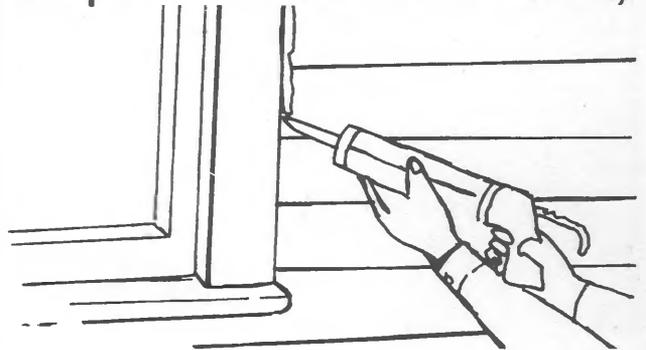
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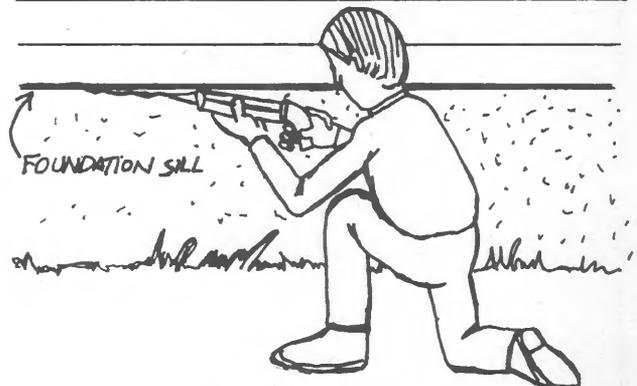
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owned, for-profit utilities were receiving good treatment from the administration. "There's a new bill to wipe out some of their debts, and to allow them to retain \$1-billion a year they were paying, in addition to \$3-billion they were already retaining. In contrast, the Office of Management and Budget (OMB) is asking you to take a whopping cut. We recognize that the investor-owned utilities need and deserve some consideration, and we're glad to see them get it, but where's the balance and fairness? For some reason, OMB says the rural electrics are destroying the economy, while the IOU's are part of the economic recovery."

Harold V. Hunter, an Oklahoma rancher recently appointed by President Reagan to head the Rural Electrification Administration (REA), told the delegates that the cooperatives should get used to the idea that federal money and loan guarantees will be drying up, and seek new sources of loans for needed capital. "There has been a gradual

trend in this direction," he said, "and it will have to be accelerated."

Hunter urged his listeners to communicate with their members, especially in regard to rates, which he expects to continue to escalate virtually indefinitely.

"Regardless of what happens, as we see the disappearance of some of

the cheaper imbedded interest rates and cheaper investments of yesterday, and when we see some of the newer higher costs being welded in, we know that rates are going to be raised in order to meet the costs of doing business, and the sooner you can warn your members, the better off you'll be," Hunter concluded.

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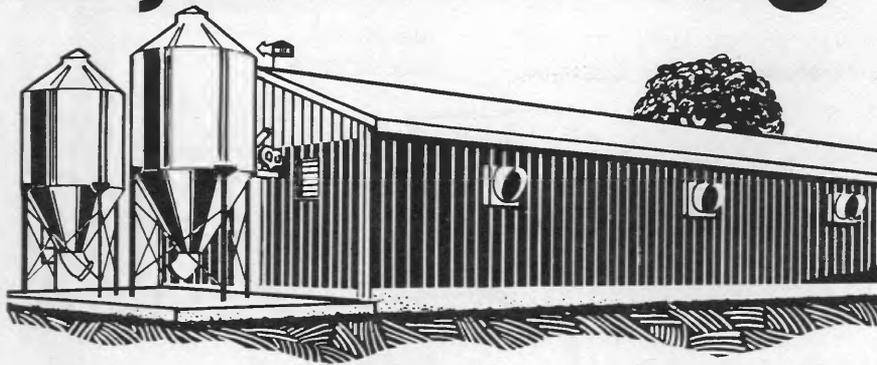
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Marion	Glenn Hudgens 618-993-5560	Genoa City	Chuck Schuren 414-279-5424

Sawmill operator 'grew up' in business

Cutting up is a way of life for Wayne Hendrix of Marshall. Hendrix, an Edgar Electric Cooperative member, runs a small sawmill. With help from two part-time employees, Wayne can saw about 10,000 board feet of lumber a week, or about half a million feet a year when business is good.

"I really enjoy the lumber business," Wayne says, "and I kind of came by it naturally. My father had a sawmill and I just kind of grew up in the business."

"We usually run the mill about two days a week — maybe three. With the size of the operation being what it is, that's about all we need. We run year 'round most of the time, though, except a couple of those really severe winters when we couldn't," he notes.

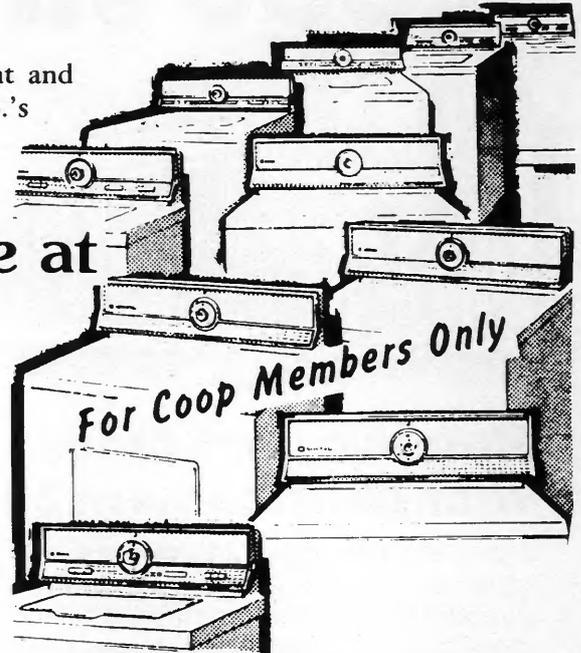
Wayne also serves as road commissioner for Marshall Township and runs a small farming operation.

Hendrix buys some of the timber for the operation, and saws some himself. Sycamore and cottonwood are probably the most common timber processed at the mill. The bulk of the lumber is rough cut for use in building pallets and crates. Wayne also does some milling for furniture manufacturers. "We cut hardwood sometimes for what they call grade lumber," he says, "mostly oak or walnut, and we air-dry it and save it until we have a semi-trailer load. We sell some poplar to them, too."

The sawmill generates a lot of material that once went to waste, but Wayne tries to minimize that.

Buy from a complete line of Energy Saving Hotpoint and Maytag Appliances at your Illinois Rural Electric Co.'s Member Service Department.

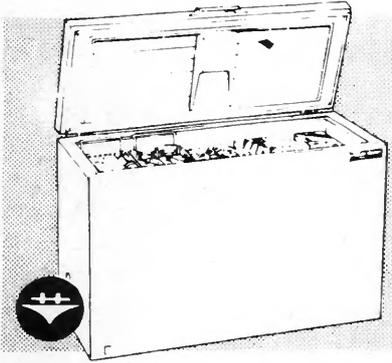
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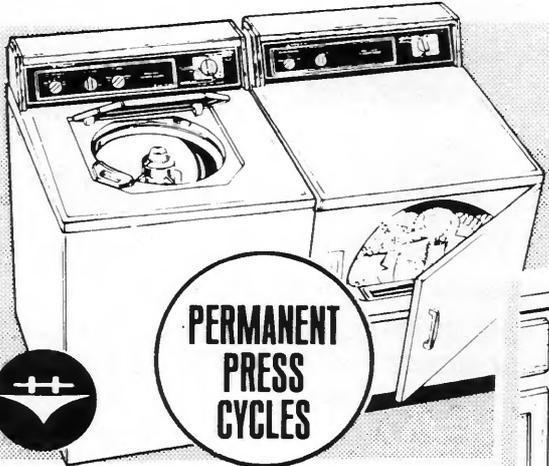
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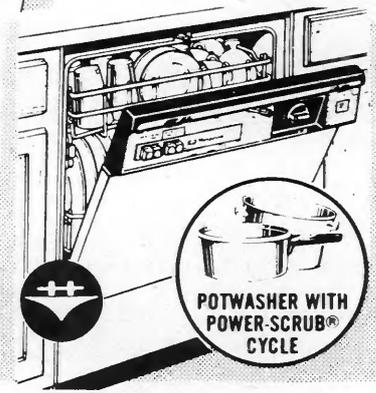
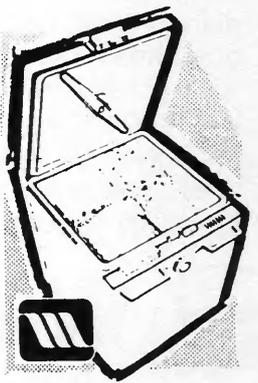
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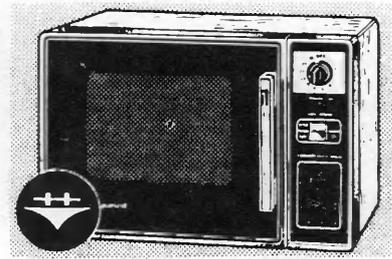
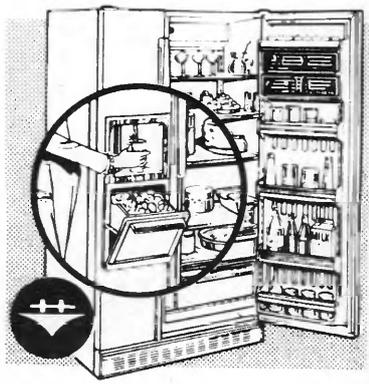
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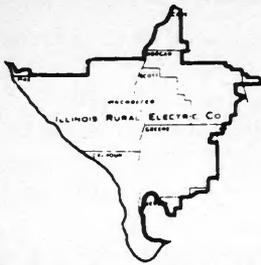


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High Line News

ILLINOIS RURAL ELECTRIC CO.

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WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

A tax fact that is long-awaited good news for rural people and their heirs is the end to the "widow's tax." It was killed in the estate tax section of the tax bill passed by Congress and signed by President Reagan August 13.

Now, a farm or business may be passed along to a spouse tax-free. Before, federal law had exempted only 50% of an estate or \$250,000 — whichever was greater.

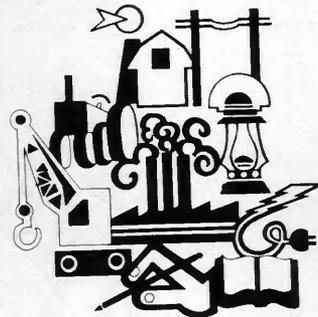
Other good tax news for family farmers:

- By 1987 estate taxes will be exempt for up to \$600,000, where now only \$175,625 is the maximum exemption.
- By 1983 the "special use valuation" will be increased from \$500,000 to \$750,000 for heirs who wish to continue farming and reduce the estate's value by an additional \$250,000.
- Instead of the old "useful life" depreciation, there is now a three-year tax writeoff for cars and light trucks and a five-year write-off for machinery.
- Most buildings will be able to have write-offs over 15 years instead of the former long schedule of 32 to 43 years. Single-purpose farm buildings depreciation is shortened from 15 to five years.
- Starting in 1985, rates for all individual taxpayers will be adjusted for inflation to prevent "bracketcreep," which has pushed taxpayers into higher schedules.
- The annual gift tax exclusion will increase from \$3,000 to \$10,000.
- Capital gains taxes have been cut from the current 28 to 20%.
- Investment income taxes go down from 70 to 50%.

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AMERICAN KNOW-HOW — IT'S THE SPECIAL INGREDIENT THAT'S HELPED BUILD A STRONG COUNTRY

That know-how is also the key that has spelled success for America's 50,000 cooperatives and their 60,000,000 member-owners who take pride in what their cooperatives can do. For example, there are cooperatives for electric and telephone service, farm marketing and farm supply, credit unions and farm credit, housing, food, insurance, health care and day care.

The cooperative way of conducting business has proven to be both highly efficient and economical. That's why cooperatives have been around for so long — in urban, rural and suburban areas — located in every state from coast to coast. And that's why new cooperatives are being formed today.

Cooperatives are good for their communities — they provide jobs and services that benefit everyone. And thriving communities mean a better America in every way.

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Closed all day Saturday, Sunday and Holidays.

Holidays Observed—

New Year's Day, Good Friday, Memorial Day, July Fourth, Labor Day, Veteran's Day, Thanksgiving and Christmas.

A few miles away, a farmer is engaged in less frivolous activity, but with a similar plane. Flying out of a large lawn behind his house, he makes a low-level check of his fields to look over his crops.

A few years ago, such scenes would have been unbelievable. Now, they are regular occurrences. They are made possible by a new kind of aircraft called ultralights. Powered ultralights are a natural spinoff from hang gliders, which have been around for years, but which, for the most part, only descend after being launched.

The Federal Aviation Administration has, so far, kept out of the regulation business as far as ultralights are concerned, only stipulating that such craft must be capable of being foot-launched — a nice way of saying that somebody, somewhere, sometime, must have been able to take off in one by running with it. Such freedom from regulation is one of the reasons ultralights are so popular. No expensive pilot's license is required to fly them.

Jim Woods of Edwardsville, a member of Southwestern Electric Cooperative, hopes to make ultralights fairly commonplace in Illinois. He flies and sells Quicksilvers, manufactured by Eipper Formance, Inc., a California firm.

"I got into the Eipper Formance line by accident," he says, "because I'd gone to a seminar in California to look at another brand, and to get a dealership. I stayed six months and looked the field over pretty carefully. I came back with the Quicksilver dealership because I think they're the best you can buy."

Like their unpowered hang-glider brethren, Quicksilvers make use of brightly hued materials to lend color to the new kind of sport flying.

Woods notes that the Quicksilver M comes with a 15-hp two-cycle Yamaha engine as standard equipment. It takes off in about 60 feet or less into the wind, and cruises at 24-30 mph, with a top speed of 42 mph. It lands at about 20 mph.

"I like this model because of the simple controls," Woods notes, adding, "the pilot turns by shifting his weight — and it's a very natural thing, and easy to learn. They're about the

easiest to learn, but very light pilots tend to have a little difficulty because banking the craft depends on weight shifting. A petite young woman who flies a Quicksilver has overcome that problem by wearing a scuba diver's weight belt when she flies."

The company also offers a float conversion.

"We have another exciting model out now, too," Woods says. "The Double Quick is a larger-engined version of the Quicksilver, with a 30-hp Cuyuna engine. It offers better

takeoff and climb performance." All the craft fold into fairly handy trailerable-sized packages, and can be set up to fly in about half an hour, once the basic skills are mastered.

"We've sold about 100 planes since starting a couple of years ago," Woods says, "and we train each buyer before we turn them loose with a plane. Not all companies do that, but ours requires it, and we believe it's the best way. The training is built into the price of the plane, and we want the sport to grow, safely, and sensibly."

Protecting a valuable asset

You've insured your house, your car . . . probably even your stereo and television set. But, did you ever stop to think about your most valuable asset? You depend on good health in order to work and bring home your family's income. Isn't that an asset also worth protecting?

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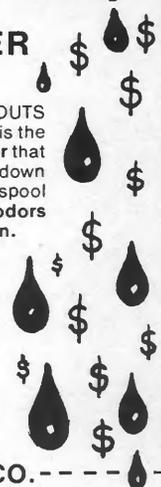
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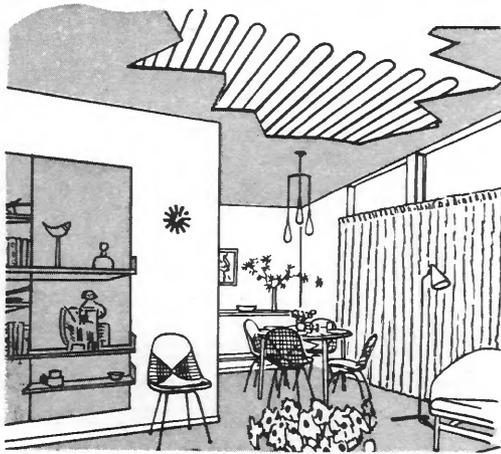
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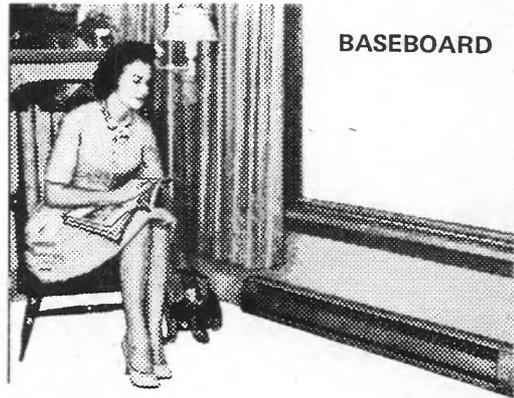
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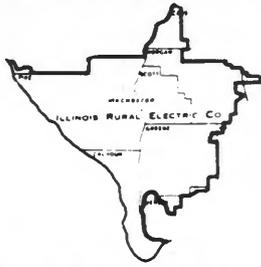
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High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

Long ago, farmers learned the value of joining and working together to provide themselves with needed goods and services at an affordable cost. Agricultural cooperation has been so successful today that it is one of the mainstays of rural economy and the backbone of the family farm.

Your electric cooperative, founded in May of 1936, began providing electric service on a cooperative basis in June of 1938 to 675 member-owners over 606 miles of line. Today, it meets the electric power needs of nearly 10,000 farms, homes and businesses in nine Illinois counties over more than 2,700 miles of line.

The sound cooperative principles behind Illinois Rural Electric Co. and the 40,000 other cooperatives serving 50 million consumers are equally applicable to most forms of business. More and more people are discovering what farmers and rural dwellers know from experience: that by pooling resources and working with others they can provide benefits for the group which they could not achieve individually.

Next month is Cooperative Month across the nation. We are getting a few days head start, but we wanted to bring this important observance to your attention early enough for you to see what is happening when you read and hear of activities occurring in conjunction with Cooperative Month.

During October, the focus of Cooperative Month activities in this area will be centered on the cooperative programs most familiar to you. However, the cooperative spirit is interesting more and more people in a growing number of marketing and purchasing endeavors.

Food cooperatives have a 50-year history in this country, and have mushroomed in the past decade. Many of them retail Co-op label goods which are marketed by Universal Cooperatives, Inc. The Co-op line is the only national cooperative brand, and is available in supermarket cooperatives, farm supply cooperatives, smaller cooperative stores, and buying clubs. Several of Universal's suppliers are agricultural producer cooperatives, completing the cooperative chain from the farmer who grows the food to the people who buy and eat it.

Cooperation also offers a solution to some of today's



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most difficult housing problems. High real estate prices and unprecedented interest rates have made the dream of owning their own home an impossibility for many young couples. Cooperative housing offers this important group an affordable option.

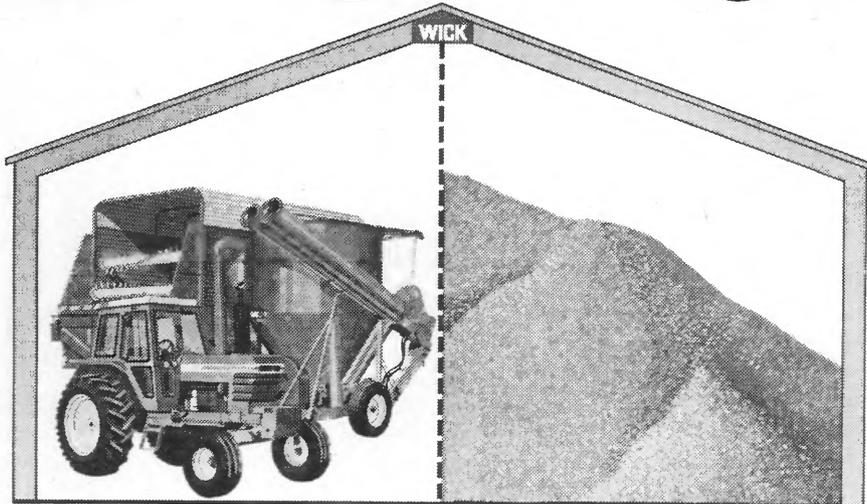
In our urban areas, conversion from rentals often results in families being forced to move out of their homes, as prices rise steadily and the rental market tightens. By buying the apartment building they live in and operating it as a cooperative, people can minimize displacement.

Services like cable television, auto repair and computer availability are areas in which the cooperative movement is expanding. Three dozen rural communities now own their own cable TV systems, and more are being set up. In urban areas, where high profitability creates competition with large investor-owned corporations to control the cable system, winning cooperative ownership is more difficult.

Health care is another area of consumer service where cooperative organization has proven effective at serving people's needs. Cooperatively owned health maintenance organizations provide health care in the interests of the users, who own and control these unique organizations.

A number of the better-known insurance companies operate as cooperatives. Consumers have also formed memorial societies, pre-school cooperatives and student housing cooperatives.

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WISCONSIN

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Water-to-air heat pumps Innovative systems use ground water and reservoir

Improved efficiency in heating and cooling was of primary interest for Illinois electric cooperative power user/member service representatives during a June conference in Quincy, and innovative heat pump systems in two

western Illinois homes provided on-site examination opportunities for the group.

Some 30 participants in the conference visited the homes of Donald I. Kerr, Jr., of Warsaw and

Eugene Rabe of Mendon to see installed water-to-air heat pumps in operation.

Both systems represent an effort by the homeowner to take advantage of their particular situation to save energy and money.

"We decided to go with the water-to-air heat pump when we built our new house," Rabe told the group, "because we had to build a fairly large reservoir anyway. We needed it for our livestock and, since we live in the country, we needed it for fire protection, too. I talked to Marvin Hall, our area agriculture advisor, and he said it just made sense to use it for our heat pump, since it was there."

Rabe's reservoir holds about 28,000 gallons of water, and the heat pump uses and returns 4.5 gallons a minute. Water goes into the pump at 56 degrees F. and comes out at 42 degrees, Rabe says. The heat pump used 5,050 kilowatt-hours from January through May this year, and until he shut it down to clean the reservoir. The Rabes heat about 3,700 square feet in their three-year-old home.

Kerr also talked to Hall before choosing a heating system, and he talked to others, too. He visited with Ken Kober, staff assistant at Western Illinois Electrical Coop., Carthage, and visited an energy fair in Quincy.

"We're down in the Mississippi River bottoms," Kerr says, "and we get water at 14 feet with a sand point and the supply is steady, so we decided to use a water-to-air heat pump for that reason. It's worked well for us."

In addition to the heat pump, Kerr took some additional steps to save energy by building an extraordinarily well insulated home. After studying construction techniques of the "Arkansas Home," which features two-by-six studs on 24-inch centers, and the University of Illinois' "Lo-Cal

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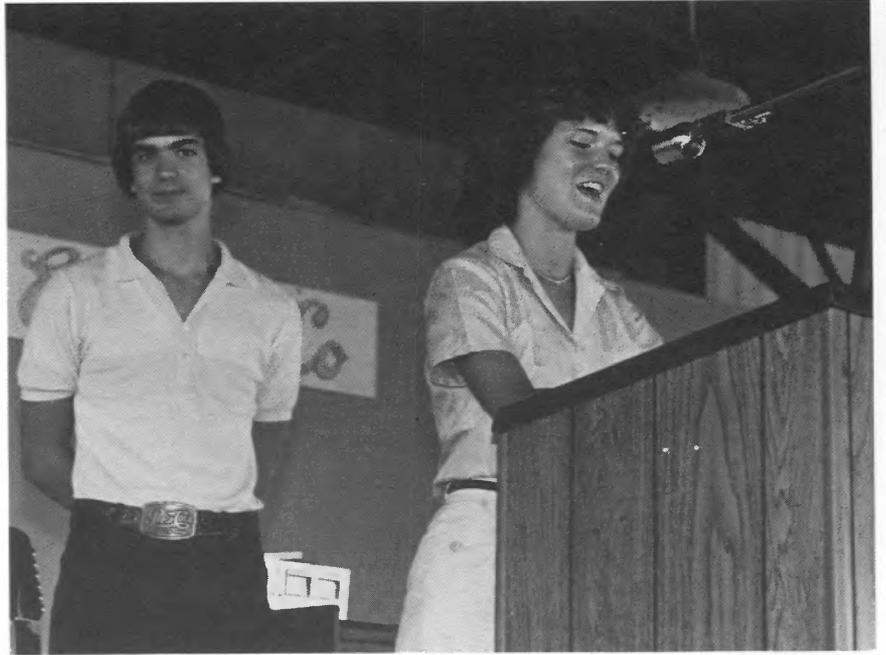
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Top to bottom: Linda Miller of Baylis and David Hannel of Jacksonville, winners of the IREC Youth to Washington Tour Essay Contest, were special guests at the meeting. Afternoon entertainment was provided by Clay and Sally Hart. The program opened at 9:30 a.m. with the 2-4 The Show Trio performing.



operating capital will have to be borrowed from outside money sources at current high interest rates. This simply will increase our expense," Parks said.

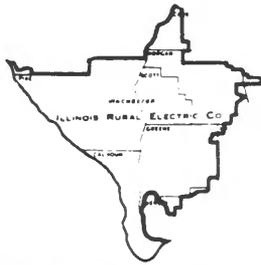
Parks challenged OMB statements that the job of electrifying rural America is complete. "I say that rural America continues to grow and Illinois Rural Electric Co. continues to upgrade and increase capacity to meet the needs of its member-consumers. He also countered OMB contentions that rural electric cooperatives rates are 12 percent lower than surrounding investor-owned utility rates. "In looking at statistics, we know the opposite is true," Parks said. He pointed out that cooperatives average 4.6 consumers per mile of line, while investor-owned utilities average 35.8 consumers per mile of line.

"I have often heard it said, 'If a machine is working and doing the job, why stop it and make adjustments,'" Parks added.

The report of Treasurer Howard Hurrelbrink, Winchester, indicated that total operating revenues were \$6,982,716, with purchased power accounting for \$4,227,738. Net margins for the year were \$361,033.

Members were treated to two periods of entertainment. During the morning, the 2-4 The Show Trio performed, and Clay and Sally Hart entertained in the afternoon. More than 30 area and regional businesses staffed exhibition displays during the day's activities.





High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Three members have been reelected to the board of directors for three-year terms. They are, seated from left, Glenn Pulliam of New Canton, Harvey Vortman of Bluffs and Ruel Becker of Jacksonville. With the directors is Manager Robert E. Gant.

Cooperative expenses follow general course of national economy; three directors reelected

Increased expenses for Illinois Rural Electric Co. in 1980 reflected the overall national economy, Manager Robert E. Gant told members during your cooperative's 43rd Annual Meeting.

Gant, addressing a large crowd at the Scott County 4-H Fairgrounds in Winchester, said maintenance and operations expenses in 1980 were up 15 percent over 1979, while purchased power — which represents 63 percent of total expenses — was up 12 percent. Taxes and interest costs rose 14 and 10 percent, respectively, he added.

While cooperative costs were paral-

leling inflation, Gant said, kilowatt-hour usage on the cooperative system was down more than three percent. He said weather conditions were the main reason for the decline in consumption. Gant cited several weather factors, including a mild winter and spring, sharply reduced crop drying requirements because of drought-affected yields, and the extreme heat in July and August when the system established a peak demand record.

During the business meeting, three members were reelected to the board of directors. Selected to three-year terms were Ruel Becker, Jacksonville;

Glen Pulliam, New Canton, and Harvey Vortman, Bluffs.

President V. T. Parks, Milton, outlined events in Washington which could have significant impact on electric cooperatives. He noted that the Office of Management and Budget (OMB) proposed denying rural electric cooperatives access to the Federal Financing Bank, a federal agency established in the early 1970s to coordinate federal borrowing. "If Congress adopts the Administration's proposals, it will mean our members will have to pay higher electric bills to overcome this extra expense. More

an operator, no electric shock would have occurred. Usually, onlookers want to see the whole thing again. Lindsey obliges, after resetting the GFI.

The National Electrical Code (NEC) calls for GFI installation in a number of instances, including bathrooms, garages, outside outlets and around swimming pools.

The reasons for such NEC requirements are obvious. Many small electrical appliances — hair dryers, razors, tooth brushes, etc. — are used in the bathroom. While users are cautioned against operation of such devices near or over a sink or tub of water, it is essential that the GFI be used to prevent any accidental entry of a connected appliance into water.

The requirements for garages and outdoor outlets apply mainly for use of tools and lawn care equipment.

NEC provisions apply to conventional and mobile homes. Local codes may vary, so persons building a new home should be sure they use a qualified electrician. Your electric cooperative can assist you with information about the GFI. The GFI can be added to existing homes, too. Again, consult qualified people.

Lindsey points out a number of tips for those interested in installing and using the GFI. They must be installed properly, he says. The GFI which is to replace a conventional breaker requires special connection to the neutral conductor, to provide for sensing of the neutral amperage. The unit should be tested periodically, about every 30 days. Be sure the GFI matches your breaker equipment, and have a qualified electrician do the work.

In the event a home is equipped with a fuse panel, a subfeed can be built off the fuse panel to a new breaker panel for the circuit you wish to place on a GFI.

In addition to the breakertype GFI, there are two other types. One is the outlet type, which fits into a regular receptable outlet box, replacing the regular duplex receptacle. The other is the portable type, which can be moved from place to place and plugs into any existing 110-120-volt receptacle outlet.

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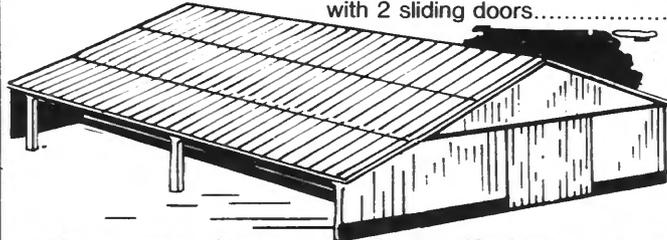
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James Walsh, second from left, discusses his farm operation with the visitors.

Foreign visitors tour Wayne-White area

Wayne-White Counties Electric Cooperative was host during the last week of May to four officials representing rural electrification programs in Bangladesh and Egypt. During their visit in Illinois, they studied the organization and operation of the Fairfield-based electric cooperative, toured farming operations in the cooperative's service area, examined cooperative substation and transmission equipment and construction, visited the Mapco Coal Company construction site, toured the Dowzer Transformer plant in Mt. Vernon and spent a day in Springfield.

The visitors were Fanzi H. El Alfi and Mohamed Shams El Din Abo Shady of Egypt and Mohammad Abdul Wadud and A. S. F. R. Khan of

Bangladesh. A former employee of Wayne-White, Ivan Holler, is on overseas assignment assisting in Bangladesh with rural electrification.

Their visit to the United States was coordinated by the National Rural Electric Cooperative Association (NRECA). Wayne-White Manager Bill Endicott was host for the foreign visitors during their five-day stay.

Included among their visits to area farms were trips to the grain and cattle operation of James T. Walsh

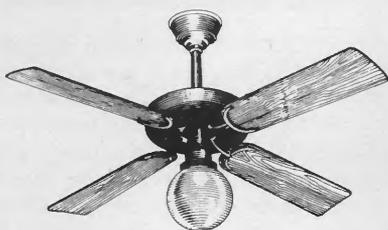
of Carmi, and to the fertilizer business and farm of Robert D. Glover of Mt. Erie. Walsh and Glover are directors of Wayne-White. Of extreme importance to the foreign visitors was the extent of farm electrification in this country. While at the Glover farm they saw a silo-to-feed-bunker cattle feeding operation which featured a fully mechanized mixing and feed distribution system.

One full day was spent with Bill Bennett, system engineer, examining



Manager Bill Endicott, left, helps demonstrate equipment.

HUNTER OLDE TYME FAN



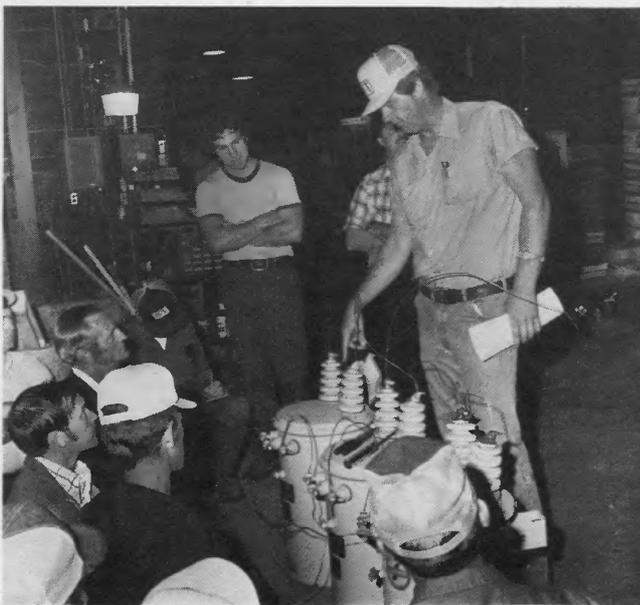
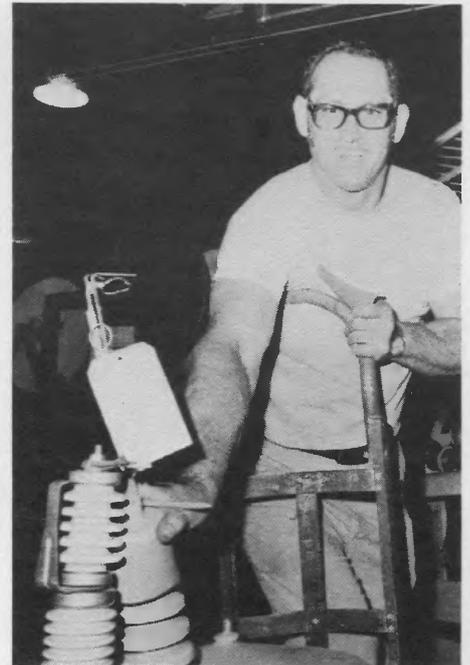
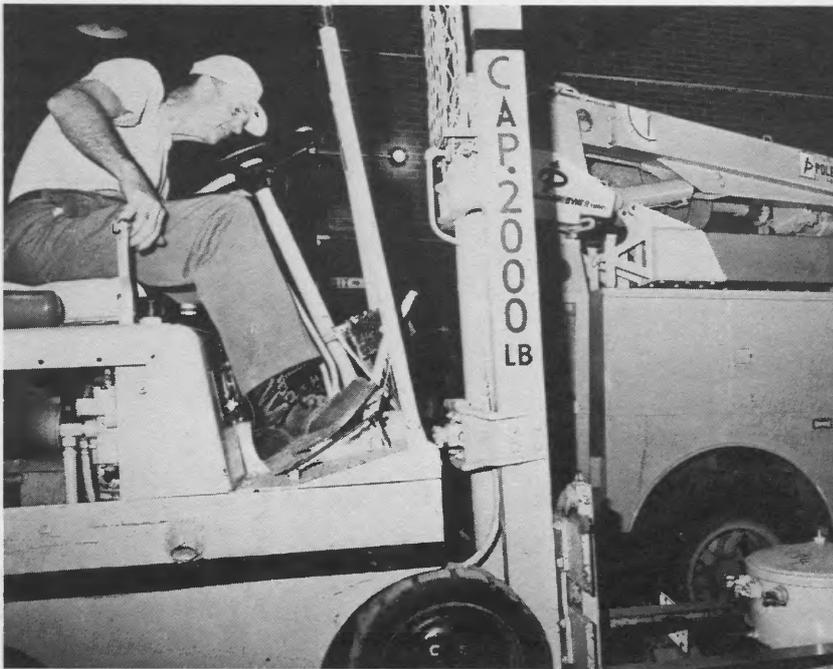
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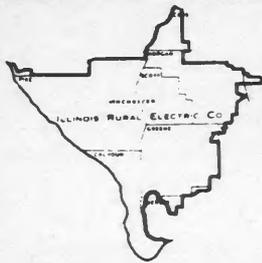
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Job training and safety school



Job training and safety go hand-in-hand when it comes to electrical work. Illinois Rural Electric Co. conducts regularly scheduled safety meetings and training sessions to help employees keep up to date on the latest equipment and techniques, to enable them to continue providing the high quality of electric service to the cooperative's nearly 10,000 member-owners. In the two photos at the top of the page, William (Bill) Milliken, left, Oil Circuit Recloser Maintenance Specialist, uses a forklift truck to move the heavy transformers into place for the meeting, while David E. McKinney, right, Stores Supervisor, positions a transformer with a hand truck. In the middle row, Steven L. Wisdom, Meter Serviceman and Transformer Specialist, shows line crewmen the proper connections on different types of transformer banks which crews must install at various member three-phase services. At the right is Ralph E. Baird, Line Superintendent, providing instructions during the school. In the photo to the immediate left, employees examine transformers.



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

Two area high school students won all-expense-paid tours to Washington, D. C., in the Illinois Rural Electric Co. Essay Contest. David Hannel, son of Mr. and Mrs. Dean Hannel of rural Jacksonville, and Linda Miller, daughter of Mr. and Mrs. William Miller of rural Baylis, were named winners of the week-long trip at a banquet concluding "Illinois Rural Electric Youth Day" activities in Springfield on April 22.

Governor James R. Thompson officially proclaimed the "Youth Day" to honor the high school students who were finalists in the "Youth to Washington" contest sponsored by 16 Illinois Cooperatives. The program for the day included a luncheon attended by Governor Thompson and tours of the Illinois State Capitol and the Executive Mansion.

Other students from Illinois Rural Electric Co. participating in the "Youth Day" activities in Springfield were: Donna White, daughter of Mr. and Mrs. Walter White of R. 2, Carrollton; Patricia Gregory, daughter of Mr. and Mrs. David Cannon of R. 2, Winchester; Randy Blackburn, son of Mr. and Mrs. Larry Blackburn of R. 2, Winchester; Kathy Shafer, daughter of Mr. and Mrs. Joyce Shafer of R. 1, Hillview; Nancy Barnes, daughter of Mr. and Mrs. Robert Barnes of R. 2, Barry; Mary Sheppard, daughter of Mr. and Mrs. John Sheppard of R. 1, Pittsfield; Laura Anderson, daughter of Mr. and Mrs. Charles



Linda Miller and David Hannel

Anderson of R. 1, Nebo; and Patricia Booth, daughter of Mr. and Mrs. Ralph Booth of rural Rockport.

David and Linda were among approximately 65 Illinois high school students, including winners of similar contest sponsored by the state's electric cooperatives, on the seven-day tour, which left Springfield Friday, June 12. Their trip to Washington took them to Gettysburg, Pa., and the Gettysburg National Military Park. They arrived aboard their air-conditioned buses in Washington on Saturday, June 13.

Their itinerary included visits with Illinois representatives and senators and tours of the United States Capitol, Smithsonian Institute, White House and various other memorials and shrines.

On Wednesday, June 17, they joined approximately 900 other students from 26 other states during special Rural Electric Youth Day activities. The return trip to Illinois began on Thursday, afternoon June 18, and they arrived back in Springfield Friday, June 19.

ILLINOIS RURAL ELECTRIC CO.

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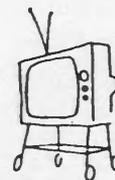
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An
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for the project. "Louisian was very forceful and determined and we found out later that she put a lot of her own money into the show."

"Our approach was one of conservation," says Mamer. "it was no gingerbread, high-power promotion deal, because in the 30s nobody had any money and during the war there were no materials for appliances. We had to show people how to save energy, money and time."

So for a year-and-a-half, Mamer lived and worked out of the trailer.

Mamer and Teare would arrive in town a few days early to meet with the co-op board members and get them to support the show with money and labor. Ten to 12 hours would be spent setting up huge circus-style canvas tents, often in the middle of a farmer's pasture. In the evening, Mamer would demonstrate lighting equipment, telling her audience which

lamps were best for cooking or reading. She had written a brochure, "Good Lighting at Low Cost," to distribute among the co-op members and their neighbors. Similar demonstrations would be held the next day for laundry equipment, kitchen appliances and farm equipment. As many as 500 to 800 people came to these early shows, under tents, or in community halls in the winter, to see how these gadgets might "relieve them of the drudgery of farm work and lengthen their lives."

Always busy, Mamer during her working years thrived on only four or five hours sleep a day. Her interests range from rural sociology to electrical engineering to lapidary, the art of cutting gems which she shares with her husband, who is also retired. On the farm tour she lectured on electric conservation and she still practices it in her home, preferring small table top

appliances — a roaster, a toaster oven, well cookers and electric frying pans — to a full-size stove and oven.

Mamer's home is packed with other reminders of her REA days. Bookshelves are crowded with well-thumbed volumes and vases and tiny wooden boxes — gifts from foreign officials she visited, exchanging ideas about electricity in remote areas. The large, hand-cut gems recall her demonstrations of gem cutting as a way for farmers to earn additional income.

Mamer went back to her office after retiring to delegate handling of several history-packed file folders to member of the staff, files which she hadn't had the time to organize until now. "Twice my job was abolished by Republican administrations, in 1953 and '72. I didn't have time to clean out my desk before they moved us utilization people, so I just kept collecting," she said.

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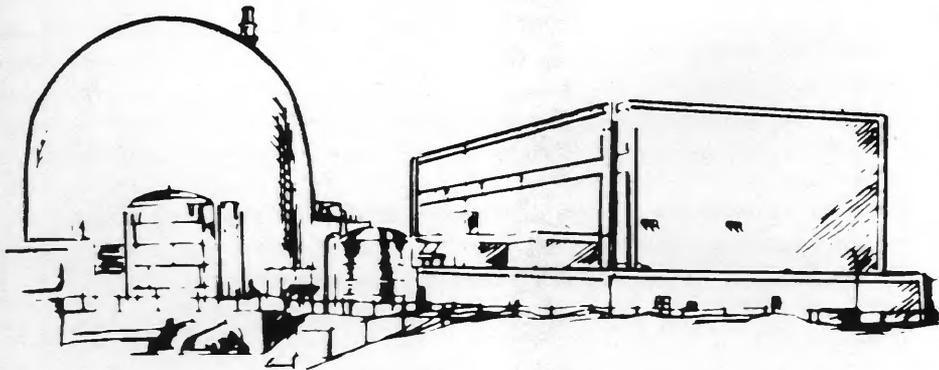
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Clinton Power Station

Regulatory delays mean increased consumer costs

In Mid-April the Nuclear Regulatory Commission (NRC) conducted a special pre-hearing conference in Champaign to allow presentation by the Prairie Alliance, an anti-nuclear group, of a revised petition for hearing on the issuance of an operating license for Illinois Power Company's Clinton Power Station. As of press time, no decision had been made by the NRC's Atomic Safety and Licensing Board.

During the conference, representatives of two Illinois electric generation and transmission cooperatives (G&T's) — made up of 22 of the state's electric distribution cooperatives— presented statements as to the costs of any further delays in the construction and licensing of the Clinton station. The two G&T's, one made up of 15 cooperatives and the other of seven, own 20 percent of the Clinton station.

Lester W. Aeilts, manager of Western Illinois Electrical Coop., Carthage, and president of the board of directors of Western Illinois Power Cooperative (WIPCO), explained to the Licensing Board that some 44,000 farms, homes and businesses in a large area of western Illinois depend on WIPCO for electrical requirements.

WIPCO owns 9.5 percent of the plant.

Aeilts said a delay in granting the license to operate Clinton would increase costs for WIPCO due to the interest WIPCO must pay and subsequently charge its member cooperatives as construction costs on its investment in the plant. Aeilts noted that a one-month delay in commercial operation will increase WIPCO's cost of interest during construction by \$1.97-million. In addition, Aeilts said, "there will be on-going costs related to maintaining the plant and operations capacity, inflation, etc. These easily could run \$1-million per month."

The one-month interest costs for the delay could cost each of the 44,000 member-consumers of WIPCO cooperatives up to \$50 per month. Aeilts said. The second category of costs aside from interest could add about \$23 per month, he added.

Walter R. Smith, manager of Illini Electric Cooperative, Champaign, and president of the board of directors of Soyland Power Cooperative, presented the Licensing Board with similar costs which would result from further delays in licensing and commercial operation for the more than 100,000 member-owners of the 15

distribution cooperatives which made up Soyland, which owns 10.5 percent.

Donald B. Bringman, general manager of WIPCO, in a report prepared for the WIPCO board in late winter but not a part of the NRC presentation cited a number of studies conducted to determine the effect of delay in completion of Clinton and the resulting costs increases. Future costs were also studied.

"It is estimated that Clinton Unit One will be complete and in commercial operation in September 1983," Bringman said. This represents a three-month delay from estimates made in November 1980, he added. He said three principal factors have combined to slow construction progress and escalate costs: inflation, revisions required by the NRC, and effects from Three Mile Island.

The WIPCO report, which covers years 1981 to 1990, is based on several theoretical situations, three which include Clinton being completed at three various dates, one which provides for meeting requirements by means of purchased power without Clinton and a fifth alternative of construction of a fossil-fired plant.

Conclusions of the studies indicate:

1. Although the kilowatt-hour costs resulting from a large-capacity plant are somewhat higher in initial years, the large-plant costs tend to level off in a short period of time, while the costs of the smaller plant continue to increase and surpass those of the large-capacity plant.

2. Delays in completion of the Clinton plant will increase costs to consumers.

3. As in the case of the comparisons made in item No. 1 previously, completion of Clinton or installation of a fossil fuel fired station will result in higher kilowatt-hour costs during the first years of operation, but costs with such facilities after three or four years will be less than with addition of smaller combustion gas turbines and continued purchase of power.

Early completion of Clinton will result in lower power costs after 1987 than costs associated with increase power purchases and installation of combustion gas turbines, the report concluded.

Your invitation to the 43rd annual meeting

Dear Member:

Your Board of Directors joins me in extending to you an invitation to attend our big 43rd Annual Meeting and Electrical Fair to be held at the Scott County 4-H Fair Association Building, Winchester, starting at 9:30 a.m., D.S.T., July 17, 1981.

There will be country and western entertainment on stage throughout the day, in which our members have always displayed much interest.

We hope that each of you will find time to come to our Annual Meeting this year, so that by your interest and cooperation we directors, who have tried in the past year to guide your cooperative, will find that you are backing us up. It will be a chance to meet old friends and acquaintances and, in general, have a good time.

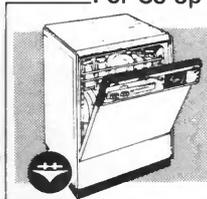
Around July 8, you will receive the program of the meeting. On the back cover, you'll find a registration card which will save you time and possibly eliminate standing in line to register Annual Meeting Day.

We're hoping to see you!

V. T. Parks, President

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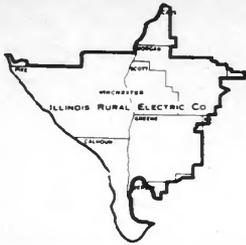
TWELVE (12) MEMBERS WILL BE AWARDED \$25.00 CREDIT ON THEIR ELECTRIC BILLS.

Names will be drawn from those members registered at the Annual Meeting.

Six (6) drawings will be made at 9:30 A. M., just ahead of the entertainment by (2 . . 4 . . The Show Trio)

Six (6) drawings will be made immediately after the entertainment by (Clay & Sally Hart Show) at 2:15 P.M.

LUNCH - available on the grounds



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

2..4.. The Show Trio

Two-For-The Show Trio with their fast pace fashion will appear at 9:30 a.m., during the Cooperative's Annual Meeting, Friday, July 17, 1981. The exciting group has been together since 1975, during their college days.

Since that time they have won numerous talent contests, including their appearance on The Gong Show — Hollywood, California, which they achieved a perfect score of 30.

Totally different in personality, looks, and as solo singers, they blend their voices into smooth harmony. The trio is versatile in their vocal numbers and instruments including keyboards, guitar and banjo. The repertoire of music and fun involves a wide range of modern sounds that features the finest in close harmony and over forty crazy pantomimes of Spike Jones and Ray Stevens material.

Recently the trip has been a warm up act for such stars as: Marty Robbins, Christy Lane, Razzie Bailey and Conway Twitty.

Clay & Sally Hart

Headlining the Friday afternoon stage entertainment will be Clay and Sally Hart, nationally known from their many years on the popular Lawrence Welk TV Show. The popular duo will perform at 1:15 p.m.

Clay Hart joined the Welk Show in 1969, filling the country music spot left vacant by Lynn Anderson.

Sally and her partner Sandi sang on the Welk Show for six years filling the spot left vacant by the Lennon Sisters.

Clay and Sally were married in 1974 and since then have put together one of the most entertaining road shows in the industry. With their great band, the Rounders, they have blended their individual talents into one of the most energetic, colorful, and appealing stage performances in the contemporary and country markets.

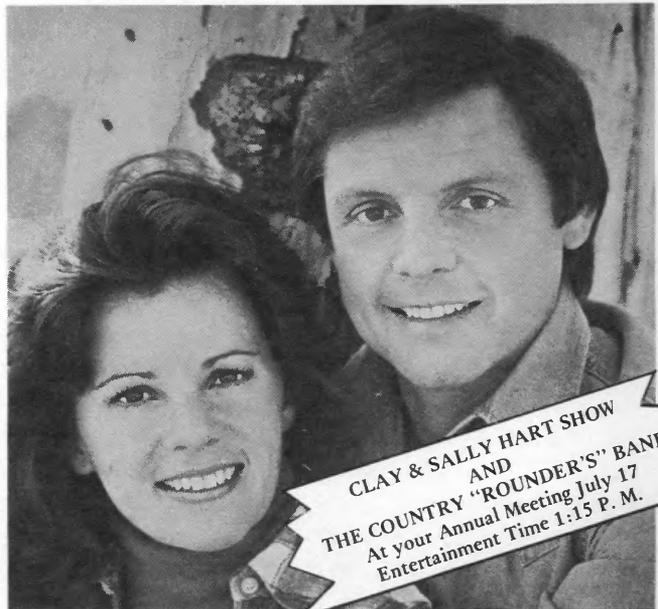
A few recent highlights include opening for Red Skelton, Alan King and appearance on the Dinah Shore Show and Jim Nabors Show.

Plan Now to Attend Illinois Rural Electric Co.'s Annual Meeting

Friday, July 17
—Scott County 4-H Fairgrounds—
Winchester



2 . 4 . .THE SHOW TRIO
At your Annual Meeting July 17
Entertainment Time 9:30 A. M.



CLAY & SALLY HART SHOW
AND
THE COUNTRY "ROUNDER'S" BAND
At your Annual Meeting July 17
Entertainment Time 1:15 P. M.

however, you obtain more cooling capacity and you reduce your operating cost and obtain more for your electric dollar, year after year. The more efficiently and wisely you use energy, the less energy you will waste, and as a result you will save more money. For example, an air conditioner with a BTU rating of 8,000 and an EER of 8 will cost about 33 percent less to operate than a model with an EER of 6. For comparative purposes, check the chart on this page entitled "Annual Operating Costs" to see how EER ratings affect operating costs for various sizes of room air-conditioners.

Residential room air conditioners are increasing in popularity and come in a number of different styles. These units can be installed in sash or casement windows or even through the wall. In selecting a window unit, be certain that you are able to describe your window style and have the dimensions for your air conditioning dealer. Window units are designed to cool individual areas and are easy to install and are an economical way to cool single rooms.

What about central air conditioning? A central air conditioner cools, dehumidifies and filters the air for your entire house. An efficient electronic air cleaner in combination with your central air conditioner can reduce dust, dirt, pollen, smoke and other air pollutants by electrostatic precipitation. This may also be beneficial to those with allergies.

An air conditioner should be kept clean and in good working condition. If your air conditioner is dirty, it has to work harder and as a result uses much more energy. Close attention should be given to ensuring that the filters are clean so your air conditioner can work at maximum efficiency. A good periodic cleaning will ensure a good working condition for the air conditioner, and will help save you money on its operating costs. It is always an excellent idea to check your owner's manual for specific cleaning and maintenance instructions.

Other tips which may help you reduce your cooling costs are as follows: Tighten up your home with insulation and weather stripping to help reduce cooling costs and also

heating costs. Extra insulation reduces the "heat gain" in the summer so your air conditioner works less. Block out the sun by drawing drapes. Locate the air conditioner on the shady side of your house. Eliminate any obstructions to the air flow around your air conditioner by trimming bushes, shrubbery and keep leaves and grass and any other obstacles away which may hinder operation.

During the summer set your thermostat controls at the highest setting which is reasonably

comfortable. The American Society of Heating, Refrigeration and Air Conditioning Engineers have found that 78 degrees F. is a comfortable temperature for most people during the summer. Each degree setting higher on your air conditioner can save approximately four percent on your operation cost.

For additional or more specific information on determining the cooling capacity needed by your air conditioner or other related items, contact your local electric cooperative.

Protecting a valuable asset

You've insured your house, your car . . . probably even your stereo and television set. But, did you ever stop to think about your most valuable asset? You depend on good health in order to work and bring home your family's income. Isn't that an asset also worth protecting?

The financial security and all the things you've worked so hard for can be lost when an unexpected sickness or injury strikes. Think about it. If you were struck by a heart attack (or some other serious illness or accident), could you pay your medical bills and still manage to make ends meet without your income?

That's why most **Illinois Rural Electric Co-operatives and Telephone Co-operatives** participate in Mutual of Omaha Association Group plans.

Besides providing members with important protection, these plans can now be purchased at **ASSOCIATION GROUP RATES**.

Disability Income Protection — Can pay you a regular monthly check when a covered accident or illness keeps you from working.

Hospital Coverage — Helps you meet today's ever-rising costs of medical care.

Cancer Cost Supplement — Supplies extra coverage to help you afford the expensive cost of cancer treatment.

Mutual Care — "Easy-to-read" coverage that works with Medicare to provide security to those 65 and over.

Major Medical Protection — Can help cover medical expenses, even if a catastrophic illness strikes.

Life Insurance is also available, both as term and permanent insurance (cash value) from our affiliate, United of Omaha.

So, if you and your co-operative are not enrolled in these plans, let one of our representatives fill you in on the details.

For more information, write:

Hugh R. McAteer
Box 2277
Maryland Heights, MO 63043

Or call collect (314) 434-7230



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Send for this non-operating model, put it on and wear it in the privacy of your own home. It is not a real hearing aid, but will show you how tiny hearing help can be, and it's yours to keep free. The actual aid weighs less than a fourth of an ounce, and it's all at ear level, in one unit.

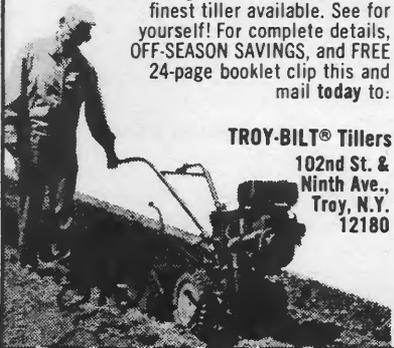
These models are free, so we suggest you write for yours now. Again, we repeat, there is no cost, and certainly no obligation. Thousands have already been mailed, so write today to Dept. 4347 Beltone Electronics, 4201 W. Victoria St., Chicago, Ill. 60646.

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FIRM OFFERS AFFORDABLE SOLUTION FOR TODAY'S HOME FINANCING



Most families in need of credit to build a home can still get it, says an official of Curtis Homes, a builder of complete-it-yourself custom homes in this area.

Curtis, according to Ted Sterling, representative, has access to millions of dollars to finance its homes. The Curtis Homes Assistance Money Plan (CHAMP) was created to enable home buyers willing to contribute their own labor to obtain easy credit terms with below market interest rates, no big down payment and low monthly payments during the construction period. Since Curtis is not a bank, the company sets its own liberal credit standards.

Curtis also provides assistance in obtaining long-term financing for its customers.



THOUSANDS CAN BE SAVED

The official outlined other features of the Curtis program for helping people low on cash and high in ambition to get a much-needed home:

- Curtis carpenters do the heavy framing on the purchaser's lot and foundation. The lot may not have to be fully paid for.

- Purchasers may choose from one of 17 basic plans or build a custom home from their own plans.
- Finishing materials and supplies are furnished by Curtis.
- The purchaser is responsible for completing the home and thus can save thousands of dollars in professional labor and middleman profits. Detailed step-by-step instructions are supplied by Curtis. If desired, some or all of the finishing work may be sub-contracted.
- Monthly installment payments are delayed six months after construction starts to help the owner avoid two shelter payments.

“Our entire approach has been to help solve the high cost of housing problems for families with the energy and ambition to make a work investment. We have the financial resources to assist many more families to achieve their dream home now,” the representative added.

For full details and free color catalog, call locally 309/692-7268, or toll free 1-800-358-9150, or mail the coupon today.

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I plan to do all or part of the finishing.
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Cold-water washing may not be doing the job

The verdict on cold water washing was this: If the water is in the temperature range between 60 to 80 degrees, you'd better restrict the clothes washed mainly to those with very light soil.

But, if the water temperature drops below 60 degrees, which can easily happen in many areas during the winter, you'll be only rinsing off the dirt. Detergents in water this temperature are virtually ineffective.

Authorities for this information were A. J. Fuchs, group leader for packaged soap and detergent product development for Procter & Gamble Co., the nation's largest detergent manufacturer, and Jan Cooper, supervisor of home economics for The Maytag Company, one of the country's leading manufacturers of washing machines.

The reason many consumers have turned down the setting of their hot water heaters is to conserve energy consumption in the home. Consequently, the "warm" water — which is a mix of hot water and cold — may actually be in the cold water range, from 60 to 80 degrees.

Fuchs, whose company makes Cheer, the "all temperature" detergent, says "performance of those detergents designed for cold water will be seriously diminished in effectiveness" if they're used below 60 degrees. A technical bulletin from Maytag is more blunt: It says detergents "don't work" below 60 degrees, that oily soils won't be emulsified and will redeposit on clothes, resulting in "gray and dingy clothes."

A spokesman for another major detergent manufacturer said she "totally concurred" with Fuchs' and Mrs. Cooper's statements.

Jean Creel, director of consumer affairs for Lever Brothers, maker of liquid All and other laundry detergents, says "We would agree with their statements. Detergents' efficiency drops off dramatically as the temperature gets down." While liquid All can be used in cold water because it's a liquid, she said, "We're talking in essence about 80 degrees. At 60 degrees you have a real

problem."

Adverse effects of some lower wash temperatures can be offset, but only down to a water temperature of 70 degrees, says Fuchs.

Both Fuchs and Mrs. Cooper said hot water is necessary for maximum detergent effectiveness. "All laundry products work more effectively and efficiently as water temperature is increased," he said. And, when sanitization is paramount (as in the

case of sheets for a sick room), hot water should always be used.

Significant energy savings on washday are still possible. Maytag and Procter & Gamble both recommend cold water rinsing for all laundry.

Figures from Procter & Gamble show that heating water for washing clothes and dishes consumes 4.4 percent of total household energy.

Slashing the REA loan program would not reduce the federal budget

It would spur inflation in rural America

White House economic planners are moving to cut a program that's vital to a strong rural economy and essential to meeting the nation's energy needs. The plan is being sold in the name of cutting the federal budget.

The truth is that the proposed changes in the Rural Electrification Administration loan program would not reduce the federal budget or curb inflation — the stated goals of the White House.

They would raise electric rates to millions of farmers and other rural residents.

The proposals for REA are inflationary and should be dropped.

Their Facts Are Wrong

In announcing the proposals on February 18, the White House said, "Customers of REA financed utilities receive power and telephone services at rates that average 8-12% below customers of non-REA financed utilities."

Exactly the opposite is true. Government reports as of January 1, 1980 show that electric co-op rates nationwide average 12% more than those of other electric utilities.

Serving rural America isn't easy or cheap. It never has been. Rural electric systems average only 4.6 consumers and \$2,887 in revenue per mile of line, compared with 35.8 consumers and \$36,652 per mile for electric companies.

The Purpose of REA

Consumers, rural or urban, want reliable electric service at reasonable costs. Rural people didn't have that years ago. It simply wasn't profitable for power companies to serve all of rural America. It isn't profitable today.

That's why REA was created. That's why REA is needed today.

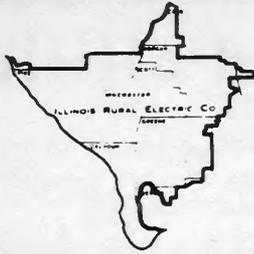
With the help of REA loans, people in communities across the countryside formed non-profit, consumer-owned electric utilities — mostly cooperatives, which today are serving more than 25 million people in 46 states.

It Doesn't Make Sense

A change in the REA loan program in 1973 completely removed it as a budget item. Since then, all capital funds advanced by REA have consisted of insured or guaranteed loans from sources completely outside the federal budget. The loan repayment record is second to none.

The administration's economic package would eliminate or drastically revise this system. It would force rural electric cooperatives to pay higher interest rates and raise electric bills. It would spur inflation and it would not increase employment or productivity.

Illinois Rural Electric Co.



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

No one knows better the handicaps under which America's rural electric systems operate than the early rural leaders who founded Illinois Rural Electric Co. And, no one appreciates more the high price rural electric consumers will have to pay if the changes proposed by the Reagan Administration in rural electric financing come to pass.

Many who pass judgement on the rural electric program today forget that the role of the REA was to provide the investment capital needed to extend electric service to rural America and to make service affordable. They forget that electric service is only a means to an end, that the ultimate goal was, and should be today, to improve the quality of life in less heavily populated areas. With lower consumer density and even lower revenue density than urban-based electric utilities, the struggle to provide affordable electric service in rural areas in these inflationary times is more difficult than ever.

Officials of the federal Office of Management and Budget and advisors to President Reagan are under the delusion that rural Americans enjoy electric rates 10 to 12 percent below rates prevailing in areas served by non-REA financed utilities. Cooperative members know that just the opposite is true. Average rural electric system rates are 10 to 12 percent higher than rates charged by investor-owned utilities and without access to REA loans, and without our nonprofit cooperative business organization, rural consumers would have to bear an even greater burden.

Cooperative members need to be familiar with the far-reaching changes the Reagan Administration has proposed in the rural electric loan programs and the impact

those changes would have on the cost of obtaining needed investment capital to continue the job of providing reliable electric service at the lowest possible cost to our consumer-owners.

Since most of the proposed changes in REA loan programs require Congressional action, electric cooperative members have a chance to make their voices heard to help preserve the rural electrification program. Study the facts presented on the opposite page, then write your Congressman and other public officials to let them know that starving electric cooperatives through reductions in the REA loan programs will only increase electric rates to rural residents... adding fuel to the fire of inflation, rather than helping end inflation. Make your voice heard, now.

ILLINOIS RURAL ELECTRIC CO.

Mailing Address:

2-12 South Main
Winchester, Illinois 62694
Ph: (217) 742-3128

Main Office Hours:

7:30 A.M. to 4:30 P.M.
Closed all day Saturday, Sunday and
Holidays.

Holidays Observed—

New Year's Day, Good Friday, Memorial
Day, July Fourth, Labor Day, Veteran's
Day, Thanksgiving and Christmas.

July 1981						
S	M	T	W	T	F	S
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5	6	7	8	9	10	11
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26	27	28	29	30	31	

**Mark your
Calendar!**

**Illinois Rural
Electric Co.
Annual Meeting**

**Friday, July 17,
Scott County 4-H
Fairgrounds, Winchester**

Nominating committee report

The Board of Directors of Illinois Rural Electric Co., at its regular board meeting on April 6, 1981, appointed the following members to serve on the nominating committee:

- Calhoun County — J. Norman

- McNelly; Delbert Fraley, alternate
- Greene County — Charles Hayes; Eugene Rawlins, alternate
- Morgan County — Harold Sooy; Don Shipley, alternate
- Pike County — R. J. Myers; Lew Cummings, alternate
- Scott County — Harold Morris; Russell Hubbert, alternate

The above named committee will

meet at 10 a.m. on Friday, May 22, 1981, at the office of Illinois Rural Electric Co., at 2-12 South Main, Winchester, Illinois, for the purpose of selecting the nominees.

Those directors whose terms are expiring are:

- Morgan County — Ruel Becker
- Pike County — Glen Pulliam
- Scott County — Harvey Vortman

How to write to your elected officials

When you write to an elected official, there are several generally accepted guidelines to ensure that your message is properly expressed. Keep your letter as brief and to the point as possible. If you are expressing your individual position, use your own stationery and your own words. Form letters and postcards have little impact. Type, if possible, or write legibly. Identify the subject clearly; if there is a House or Senate bill number, use it. Give your reason for writing, explaining how the issue will affect you, your family, your business or your community. If you have special credentials or knowledge, point it out. Be courteous, and remember that you are trying to

convince, not argue. Avoid name calling. If you have met the official, draw attention to that fact. Ask

the official to state his or her position on the issue; as a constituent, you are entitled to know.

Addressing your letter to U.S. and Illinois officials

President of the United States
President Ronald Reagan
 The White House
 1600 Pennsylvania Avenue
 Washington, D. C. 20500

United States Senators
The Hon. Charles H. Percy
 Room 4321
 Dirksen Senate Office Building
 Washington, D. C. 20510

Dear Mr. President:

Dear Senator Percy:

To write your Congressman:
 The Hon. _____
 U. S. House of Representatives
 Washington, D. C. 20515

The Hon. Alan J. Dixon
 Room 456
 Russell Senate Office Building
 Washington, D. C. 20510

Dear Congressman _____:

Dear Senator Dixon:

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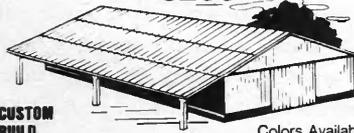
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An additional membership service

When a disabling illness, injury or cancer strikes, physical pain is only part of the problem. Meeting your regular monthly bills sometimes hurts just as much.

That's why most Illinois Rural Electric Co-operatives and telephone Co-operatives participate in Association Group plans from Mutual of Omaha Companies. And now Association members have the opportunity to include permanent life insurance coverage for their loved ones.

Besides providing members with important protection, these plans can now be purchased at ASSOCIATION GROUP RATES.

Disability Income Protection — Helps make up for lost income when a covered illness or injury keeps you from working.

Hospital Coverage — Provides ammunition for the battle against rising medical care costs.

Cancer Cost Supplement — Supplies extra coverage to help you afford the expensive cost of cancer treatment.

Mutual Care — Works with Medicare to help cover the cost of hospitalization and medical services for people age 65 and over.

Permanent Life Insurance — Ultra-Life 80, a new concept of whole life insurance with low initial premiums and subsequent premiums that may vary but will never exceed a specified maximum. Guaranteed cash values for emergencies or retirement. Even lower rates for non-smokers.

So, if you and your co-operative are not enrolled in these plans, let one of our representatives fill you in on the details soon.

Association Group Plans...a valuable membership service provided by the Mutual of Omaha Companies.

For more information, write:

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**our patients now number
in the thousands...all the
way from Maine to
California, Canada to
South America, Florida
to Washington.**

Breaking meter seal is illegal

Seals which your cooperative places on each of its electric meters are the same as the locks on your doors. Your cooperative affixes these seals on meters to protect both the member-owner and the cooperative. Breaking the meter seal is the same as breaking a door lock, an illegal entry. AND, it is extremely dangerous to break a meter seal because wires located at the meter base are energized. Serious injury or electrocution could result if contact is made with these meter wires.

BROKEN SEALS INDICATE TAMPERING

When your cooperative's personnel observe a meter without a seal or with a broken seal, they automatically suspect that the seal has been broken for the purpose of removing the electric meter. Your cooperative requires that special permission be obtained from the cooperative's headquarters office before a meter seal can be broken. Therefore, your cooperative must assume that a meter found without a seal has been tampered with.

HONEST MEMBERS PAY THE BILL

Your cooperative is a nonprofit organization, owned and controlled by its local members. One member taking electricity without paying for it contributes to the overall increase in the price of electricity for ALL members. Since your cooperative purchases its electricity from a power supplier and passes it on to members through its distribution system, the membership actually pays the real cost of providing electric service. Honest members who pay for their own electric energy use also pay the electric bills of dishonest members who tamper with meters and take electricity fraudulently by sending in meter readings showing less kilowatt-hours than were actually used.

We believe that our members are honest. We need the help of the majority to police the small number of members who are not so honest. Any member who knows or learns of

someone taking electricity fraudulently or tampering with one of the cooperative's electric meters in order to steal electricity, should contact the cooperative immediately so that the proper authorities can take action.

Under Illinois statutes, a person who knowingly tampers with their electric meter in order to steal electricity is subject to criminal

prosecution.

NOTIFY YOUR COOPERATIVE

If it becomes necessary for an electric meter to be removed, such as during initial hook-up of the safety disconnect below the meter or because of necessary wiring changes, you are responsible for notifying your cooperative in advance.

Your Taxes On Energy Are Adding Up!

It isn't news that electric bills are higher today. But, are you aware how much taxes are adding to your monthly bill?



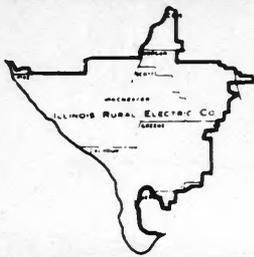
Every time the cost of providing your electric service increases, the tax included on your electric bill increases also. The Taxpayers' Federation of Illinois reports that Illinois leads the nation in taxes on utilities. Illinois utility taxes have increased 95% since 1975, to a total of \$470.3 million during fiscal year 1980. That's money utilities have collected from their members or customers for the State of Illinois.

Last year utility taxes collected by the State of Illinois exceeded the motor fuel tax to rank third as a source of money for the State's general revenue fund. The utility tax is based on the total bill, including the fuel or wholesale power cost adjustment.

Electric cooperatives are tax-paying Illinois businesses and are subject to every tax other businesses pay, including federal and state income taxes. We don't relish our role as tax collectors for the State any more than our member-owners relish paying the rising total on their electric bill. When you think about energy conservation, remember that for every dollar you can save in energy costs, you save another five cents in taxes. It all adds up.



Illinois Rural Electric Co.



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

New meter loop policy

The Rural Electrification Administration has requested that rural electric cooperatives no longer supply meter loops to their members at no charge.

Therefore, as of April 1, 1981, Illinois Rural Electric Co. no longer supplies the meter loops to its members at no charge. The meter loops will be available to members at a reasonable cost.

Conserving saves dollars

We have talked, written, tried to explain in every way we know how to promote conserving electricity and saving dollars on your electric bill.

To those who inquired how to save — did you?

Lower your thermostat — that could have saved 10 percent. Installing the proper insulation in the attic could have saved 20 percent a month. Good storm doors and properly installed windows could reduce heating bills as much as 15 percent.

Then there are the little things, like turning off lights when they are not needed. You would be surprised the substantial savings at the end of the year. Another added savings we don't realize is the savings of costly repairs of appliances by having good conservation practices.

So again, believe us when we say you save dollars by conserving electricity, it is up to you!

ILLINOIS RURAL ELECTRIC CO.

Mailing Address:

2-12 South Main
Winchester, Illinois 62694
Ph: (217) 742-3128

Main Office Hours:

7:30 A.M. to 4:30 P.M.
Closed all day Saturday, Sunday and
Holidays.

Holidays Observed—

New Year's Day, Good Friday, Memorial
Day, July Fourth, Labor Day, Veteran's
Day, Thanksgiving and Christmas.

It's kite time again

We are again at the time of year when people of all ages are flying kites. We certainly want the best kite, one that will last — so hang the expense, we are only kids once.

With kite flying, that could be true, we may never get any older than a child.

These great kites could be metalized. These kites are a hazard; they knock out power lines and pose extreme hazards to the public. When these kites get caught on high voltage power lines, they can transmit a fatal shock to anyone who comes in contact with them.

The high voltage could set the kite aflame, causing a fire hazard to nearby buildings or wooded area.

So when you buy a kite this year, buy one that is not a hazard. Let's be kids more than once!



Check your air conditioner before summer

Is your air conditioner ready for those hot days ahead? It is cold, windy, and damp as this is being written but no doubt hot weather will be with us soon.

Be sure to have your air conditioner checked out prior to those hot days. Check the filter in order to receive the most efficiency. Have a comfortable summer.

Illinois Rural Electric Co.

43rd

Annual Meeting

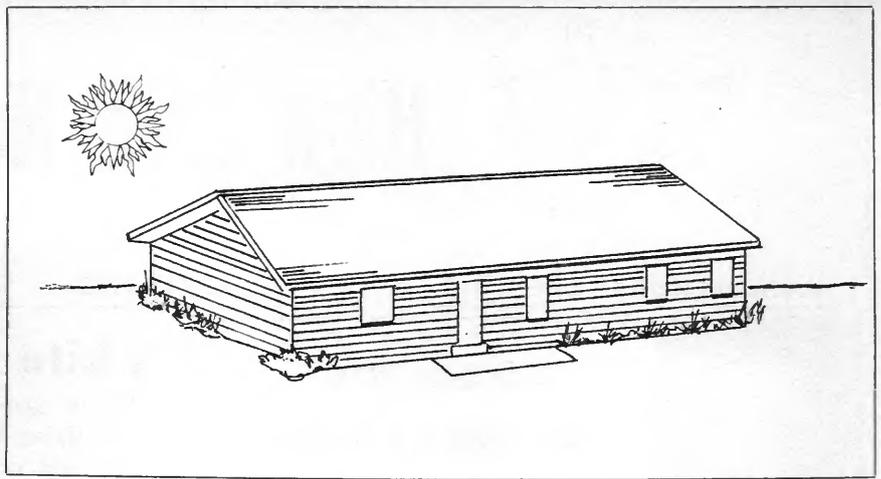
Friday, July 17, 1981

Scott County 4-H Fairgrounds

Winchester, Illinois



**energy
efficiency**



Building a new home? Take advantage of the sun and both winter and summer

Persons planning to build a new home can build in energy savings in a number of ways, including orientation of the structure in order to take advantage of the sun in both winter and summer.

Test and studies by builders, utilities, government agencies and colleges and universities have demonstrated that how you place your home will have a marked impact on the maximum heat gain from the sun in the winter and the minimum heat gain in the summer.

House orientation related to potential energy savings is primarily concerned with the mid-summer or mid-winter path of the sun across the house. It will also help you take advantage of or counter prevailing winds. Heat gain from solar radiation can enter the house by conduction through the walls and roof and/or by radiation through the windows. A high level of solar radiation can be converted into heat when it strikes absorbant material in the household through the windows. Therefore, in those areas where summer cooling is a problem the building should be oriented to keep the sun off the largest window area for the maximum of the summer season. For winter heating, certain areas of the house should be oriented to keep the sun on the largest window area for the maximum part of the winter season.

During the summer, the sun rises north of east and sets north of west

and at noon is at a high altitude. By contrast, in the winter the sun rises south of east and sets south of west and is at a relatively low altitude at noon. Therefore, a house oriented with its long axis running east and west will position the smallest wall area towards the rising and setting sun. In the winter, the sun altitude is much lower so the sun's rays pass under the roof overhang and through the windows to deliver radiant heat to the house. Ideal house orientation is where the long axis of the house runs due east and west and the wall having the maximum window area faces due south.

Building design factors which optimize energy efficiency are: (1) reduce summer wall exposure to the sun by minimizing the east or west wall area, (2) minimize the number of windows on the east and west walls and provide shading for the morning and/or afternoon summer sun, (3) roof overhand on the south wall should be

sufficient to shade the south-wall windows during the summer but not shade them to prevent winter-time radiation from entering, (4) windows should be eliminated from the north wall and only considered for light or cross ventilation for summer cooling, and (5) the roof should be slanted on the south side for proper placement of solar collecting equipment.

Of course, the location of a house cannot always be arranged to achieve optimum orientation as related to sun exposure and/or wind direction. Fortunately, existing homes that have a less than ideal house orientation can even achieve energy savings by carefully using landscaping methods or techniques. Maximum use of landscaping designs can produce energy saving on your heating and cooling load as much as 25 to 30 percent over an unshaded house. Next month we will discuss how landscaping your existing home may help you save energy.

To: **A.I.E.C. Publications**
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Springfield, Illinois 62708

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(For each copy, enclose \$1.00 to cover the cost of the book and pay postage and handling.)

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Farmers Union members told

Thompson pledges working farmer as Ag head

The next Illinois Director of Agriculture will be a working farmer," Governor James Thompson told those attending the Illinois Farmers Union annual meeting during February in Springfield. "I'm going to find the best person I can in the state," Thompson added, "and I guarantee you he'll be a working

farmer."

The Governor added that the departure of John Block, former Director of Agriculture, has made the choice a difficult one, and that some of the staffers Block took with him to Washington might have merited consideration.

Block's quick selection to the

national post, heartily endorsed by the Farmers Union, boosted the state's prestige and given Illinois more influence, the Governor added.

"We've been leaders in the Illinois Agriculture Department — to the point where, in the decision of U. S. Agriculture Secretary, Block was by far the clear choice," he said.

While the governor's quest for a working farmer was good news for his audience, he also brought less happy tidings to the meeting.

"I'd like your support for increases in the gas, liquor and cigarette taxes and license plate fees," he told them. The gas tax hasn't been raised in ten years, and I don't know anything that hasn't gone up in ten years except the price of corn," he said.

"I've had calls for better roads and transportation in Illinois, and everybody knows they're going to have to be paid for, so I assume they're willing to go along with higher taxes. If you don't think we need a better system — or if you're not willing to pay for it — write me a letter. If you do, write your congressman."

Harold Dodd, a Loami farmer and president of the IFU, told his audience that the organization was proud of its successful efforts to have sales taxes removed from any farm equipment costing more than \$1,000. "This climaxes a four-year effort, he said, "and we were able to get an eight-percent upper limit freeze on farmland assessments.

"We are still very concerned with the exodus from the farm," he said, "and statistics show that nearly 2,200 farmers leave the land every week of the year."

Senator Alan Dixon addressed the meeting, congratulating the members on a legislative job well done. He warned of cuts in the federal budget, but added that they would be fair cuts, with every sector of the economy taking its share of the bitter medicine.

(Editor's note: Governor Thompson fulfilled the pledge made to Farmers Union, naming Morgan County farmer Larry Werries as Illinois Director of Agriculture on March 3.)

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U.S. Patent 3938496

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We know of no other unit that puts out as much heat as the FREE HEAT MACHINE®!

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CITY _____	STATE _____ ZIP _____

We would like to have free and without obligation, more information on your Free Heat Machine® for our home. In order to better help you estimate what size Free Heat Machine® would best fit our fireplace and how much we could save on our winter utility bills, we have filled in the following information:

Size of Home _____ Sq. Ft. Central Duct work _____ Yes _____ No
Clean Out Trap _____ Yes _____ No

Approximate winter utility bill:
Electric: \$ _____ per mo. LP Gas: \$ _____ per mo.
Fuel Oil: \$ _____ per mo. Natural Gas: \$ _____ per mo.
Wood Use Per Year _____ Cord _____ Rick

Fireplace:
Rock: _____ Brick: _____
Other: _____

Fireplace Dimensions:
Height _____ inches
Rear Width _____ inches
Front Width _____ inches
Depth _____ inches
(From front of opening to back of fire box.)

See The Amazing

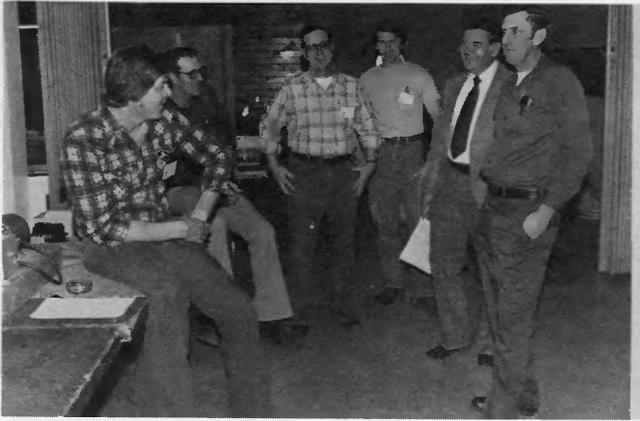
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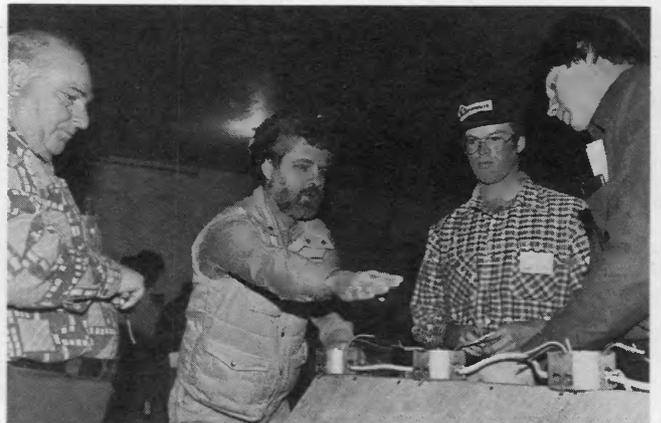
Wisdom, Long, Neff, Roth, Gant and Holford



Roth shows wiring technique



Long (right) teaches three-way switches



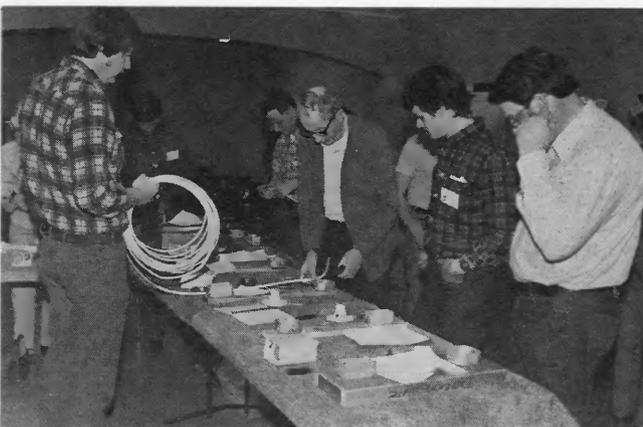
Bettis (reaching) explains hog house wiring



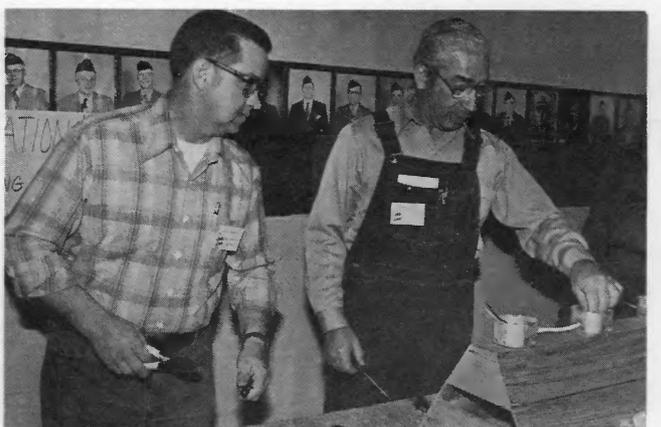
Holford (left) with attentive group



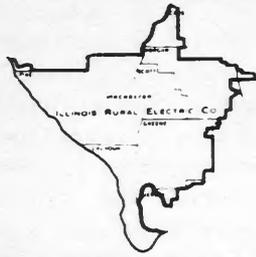
Participants learn by practical application



Wisdom (left) at single-pole work station



Neff (left) observes wiring work



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS

Electrical school draws 40 participants

Forty persons attended a special adult electrical school conducted Wednesday, February 18, by the Member Service Department of Illinois Rural Electric Co. at the American Legion Building in Winchester.

Participants in the all-day instruction and educational session worked their way through six stations under the instruction and with the assistance of IREC employees.

The day's activities began with a welcome by IREC Manager Robert E. (Ed) Gant and an outline of the planned schedule by George R. Lindsey, Member Service Manager. Those attending, who paid a \$6 fee to cover costs of materials and a noon meal, also saw an electrical safety film and a film on energy conservation.

The day's activities included study of: single-pole switches, wire sizes, three-way switches, meter loops, double-throw switches, magnetic starters, grain bin hook-ups, fault interrupters, overload wiring, proper fusing and hog house wiring. The day's schooling included 35-minute sessions at each of four stations, and 70-minute periods of work at the hog house stations.

The final part of the program included a session of trouble shooting and a question-and-answer period.

Employees assisting included: Lindsey, Jim Bettis, Herman Holford, Herb Long, Russ Neff, David Roth and Steve Wisdom.

Participants included: Ralph Twitchell, Greenfield; Max Myers, Chambersburg; Woodrow Motley, Pittsfield; Earl Tash, Meredosia; Kenneth L. Davis, Pleasant Hill; Michael Bradshaw, Kinderhook; L. W. Dolbeare, Kinderhook; Melvin Ward, Hull; Lowell Murphy, Kinderhook; Bill E. Lundberg, Hull; Edward Ennis Ellis, Carrollton; Robert T. Walter, Roodhouse; James Robinson, Hamburg; Edward Benz, Nebo; Andy Daum, Rockbridge; Marc Ginder, Jacksonville; Tom Hallock, Perry; C. R. Smith, Pittsfield; Larry Harbison, Winchester; David Wankel, Beardstown; Wendell Middendorf, Chapin; Alice Middendorf, Chapin; Dennis Dell, Pittsfield; Lowell Neese, Pearl; James Middendorf, Jacksonville; Everett Dunham, Winchester; Willis R. Gruen, Greenville; Leon McNeely, Jacksonville; Byron Hamman, Meredosia; Deneen Schumann, Kampsville; Steven Merriman, Bluffs; Patrick Evans, Roodhouse; Donald Kensey, Arenzville; Michael A. Ruyle, Greenfield; Norman T. Woods; Kane; D. W. Spangenberg, Hillview; William W. Fennell, New Salem; Richard Goetze, Griggsville; Lewis W. Forgy, Pittsfield; David Beck, Hillview and Gilbert O'Leary, Barry.



Lindsey demonstrates fault interrupter



Proper switch wiring technique studied

JULY 1981						
S	M	T	W	T	F	S
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Mark your Calendar!

Illinois Rural Electric Co. Annual Meeting

Friday, July 17, Scott County 4-H Fairgrounds, Winchester



New Adams Manager Roger Mohrman, left, with Dean Searls

Mohrman new Adams manager

Roger C. Mohrman, an employee of Adams Electrical Co-Operative for 27 years, is the new manager of the Camp Point-based electric cooperative, replacing Dean L. Searls, who retired March 1 after almost 40 years as manager.

Mohrman, an Adams County native who grew up on a farm near Quincy, is a graduate of Quincy High School and the University of Illinois (1951) with a bachelor of science degree in agriculture. Following service in the Air Force during the Korean War,

Mohrman returned to Adams County and began work for the cooperative as power use advisor. He was named member services manager in 1962.

Mohrman and wife Margie live near Camp Point, where he is active in a number of community, church and school activities. He served two terms as president of the Adams County Community School District 3, is a former president of the Camp Point Lions Club, is president and coordinator of the Adams-Brown-Schuyler Water Cooperative, has

served on the boards of the Adams County Heart Association, Cancer Society and United Fund, is active in the Camp Point United Methodist Church, the Illinois Farm Electrification Council and the Power Use-Member Service Section of the Association of Illinois Electric Cooperatives. Margie is also busy in the electric cooperative program as a Regional Committeewoman for the National Rural Electric Cooperative Association.

The Mohrmans have four children: Dennis Mohrman of Keokuk, Iowa, a YMCA director; Deborah Henry of Riverton, a first-grade teacher; DiAnn Hughes of Quincy, employed in the advertising department of Moorman Manufacturing Company, and Denise, a sixth grader at Camp Point Elementary School. They have two grandchildren.

Searls' retirement marked the end of a distinguished career in rural electrification. In addition to his work in Illinois, Searls served on three different occasions in overseas assignments to assist other countries with rural electrification.

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Chicago, Ill.—A free offer of special interest to those who have trouble hearing has been announced by Beltone. A non-operating model of one of the smallest Beltone aids of its kind will be given absolutely free to anyone requesting it.

Send for this model, put it on and wear it in the privacy of your own home. While many people with a hearing loss will not receive any significant benefit from any hearing aid, this free model will show you how tiny hearing help can be. It is not a real hearing aid, and it's yours to keep, free. The actual aid weighs less than a fourth of an ounce, and it's all at ear level, in one unit.

These models are free, so we suggest you write for yours now. Again, we repeat, there is no cost, and certainly no obligation. Thousands have already been mailed, so write today to Dept. C-501, Beltone Electronics Corp., 4201 W. Victoria, Chicago, Illinois 60646.

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Any solid fuel (wood, coal, paper logs, etc.) can be used. Since the machine is so efficient, you will use less fuel than you use now.

The only other cost to operate the unit is for electrical power to run the two blowers. That's less than 150 watts, or the same as one light bulb!



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- Easy to install without any alterations to existing masonry fireplaces.
- Just six models fit 95% of all home fireplaces.

We know of no other unit that puts out as much heat as the FREE HEAT MACHINE®!

Clip and Mail Today:

NAME _____ HOME PHONE _____
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We would like to have free and without obligation, more information on your Free Heat Machine® for our home. In order to better help you estimate what size Free Heat Machine® would best fit our fireplace and how much we could save on our winter utility bills, we have filled in the following information:

Size of Home _____ Sq. Ft. Central Duct-work _____ Yes _____ No
Clean Out Trap _____ Yes _____ No

Approximate winter utility bill:
Electric: \$ _____ per mo. LP Gas: \$ _____ per mo.
Fuel Oil: \$ _____ per mo. Natural Gas: \$ _____ per mo.
Wood Use Per Year _____ Cord _____ Rick

Fireplace:
Rock: _____ Brick: _____
Other: _____

Fireplace Dimensions:
Height _____ inches
Rear Width _____ inches
Front Width _____ inches
Depth _____ inches
(From front of opening to back of fire box.)

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NOTICE OF PUBLIC HEARING
On Small Power Production
and Cogeneration

Illinois Rural Electric Co. hereby gives public notice, pursuant to the provision of the federal Public Utilities Regulatory Policies Act of 1978 and rules and regulations adopted pursuant thereto (18 CFR Part 292, Subpart D, Section 292.401) of a public hearing concerning small power production and cogeneration to be held at 1:30 p.m. on Tuesday, March 3, 1981, at the Blackhawk Restaurant, 1111 East Morton Road, City of Jacksonville, County of Morgan, State of Illinois.

The public hearing will be held to discuss the rights and duties of the electric cooperative and small power producers and cogenerators which have the status of qualifying facilities. Small power producers include solar, wind-turbine generators, waste, biomass, etc. and cogenerators include qualifying facilities which produce waste heat or steam and electric energy.

The hearing will discuss the circumstances under which the electric cooperative is obligated: to purchase electric energy from and sell electric energy to such qualifying facilities, provide avoided cost data, establish rates for purchases and sales which are just and reasonable, in the public interest and nondiscriminatory, provide back-up power and other services and establish standards for operating safety and reliability.

Your Interest In Energy Is Adding Up!

It isn't news that electric bills are higher today. But, are you aware how much higher interest rates are adding to your monthly bill?



Just a decade ago electric cooperatives were able to borrow investment capital from the federal Rural Electrification Administration at 2% annual interest, a low rate intended to help offset the high cost of providing service in low density rural areas. Not now! No new federal funds for loans to electric cooperatives have been appropriated by Congress since 1973. Instead, funds loaned by the REA to electric cooperatives come from interest and principal repayments on old loans and from the commercial money markets under REA loan guarantees.

During the 1980 federal fiscal year, ending September 30, 1980, Illinois electric cooperatives were authorized to borrow \$168,137,000 under REA insured and guaranteed loan programs (none of it federal funds). The interest rate on loans advanced in 1980 averaged 10.1%, more than five times the pre-1973 rate. And, because of inflation, one dollar borrowed in 1980 had only the purchasing power of 55 cents borrowed in 1973. Higher interest cost for investment capital is just one of the many reasons why it costs more today to provide you with the electric power you demand.

Conserving electrical energy may not bring down these higher interest costs, but conservation can help delay the need for additional capital investment. That, in turn, may delay the inclusion of more debt repayment and higher interest costs in your monthly electric bill.

Illinois Rural Electric Co.
Winchester, Illinois

What to do if your power goes off

If your power goes off, we offer these suggestions:

1. Check your fuses or circuit breakers.
2. Check your meter pole, if you have breakers make sure they are in the "on" position.
3. If you still have no power, check with your neighbor to see if he has power.
4. Call the appropriate number and report what you have found.

ILLINOIS RURAL ELECTRIC CO.

Mailing Address:

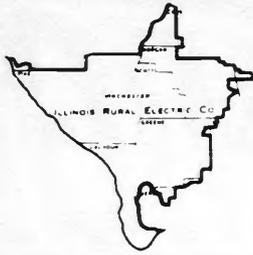
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Ph: (217) 742-3128

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7:30 A.M. to 4:30 P.M.
Closed all day Saturday, Sunday and
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Holidays Observed—

New Year's Day, Good Friday, Memorial
Day, July Fourth, Labor Day, Veteran's
Day, Thanksgiving and Christmas.



High Line News

ILLINOIS RURAL ELECTRIC CO.

217-742-3128

WINCHESTER, ILLINOIS



Across the Manager's Desk

by Robert E. Gant

GASOLINE USE DOWN

According to the Highway Users Federation, Americans used two billion gallons, or 1.6 percent, less gasoline in 1979 than in 1978; they also drove 25 billion fewer miles. The federation also reports that the nation's 154 million cars, trucks, and buses used an average of 797 gallons of gasoline in 1979, down from 841 gallons in 1978.

THOSE ELECTRIC CARS

What can accelerate from zero to 30 miles per hour in 10 to 11 seconds and has a top speed of 60 mph and a range of 40 to 60 miles of stop-go traffic?

An electric car is the answer. The electric car is also part of the answer to the economic, political, foreign policy, and national defense ills that relate to oil imports. Electric autos with improved range, speed, and size are being tested by the Department of Energy (DOE).

If just 25percent of the miles driven in conventional vehicles were driven in electric vehicles, this would save



two million barrels of oil a day, or more than 700 million barrels a year. Currently, transportation needs of the nation consume eight million barrels of oil daily. Oil imports account for half of the oil used by America.

Electric cars tested by DOE require eight-hour battery recharge times. Customers could recharge electric vehicles at night and be ready to go the next morning, and the power supplier would not have to make additional power facility expenditures. — *Current News*, Eastern Iowa Light and Power Cooperative, Wilton, Iowa, July 14, 1980.

Important numbers to remember

Telephone Numbers to Call in Case of Service Interruption from Illinois Rural Electric Co.
Effective January 1, 1981

<u>Serviceman</u>	<u>Area</u>	<u>Telephone</u>
Donald L. Long	Winchester	217/742-5667
Allen D. Coultas	Bluffs	217/754-3323
Jerry R. Faulkner	Griggsville	217/833-2110
George L. Claus	Milton	217/723-4329
William R. Patton	Hardin	618-576-2430
Richard L. Knox	Carrollton	217/942-3323
Lynn E. Rimbey	Rockbridge	618/753-3375
Ora Lee Anders	Murrayville	217/882-4261
Clayton E. DeHart	Barry	217/335-2973

In case you are unable to contact a serviceman in your area, try the next nearest one or you may call our Line Superintendent in Winchester, Except during regular office hours.

Ralph E. Baird, Winchester, 217/742-5730

Call our office in Winchester during office hours: Phone Area Code 217/742-3128. Office hours are 7:30 a.m.—4:30 p.m. Monday through Friday. Office will be closed Saturdays, Sundays and legal holidays.

At times other than our regular office hours, you may call the Western Illinois Power Cooperative Pearl Station power plant at Pearl, Illinois: Phone Area Code 217/829-4291.

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—and keeps on skyrocketing 30—40—50—EVEN UP
TO 60 FEET HIGH, OR MORE, in less time than most
trees nudge themselves a few feet off the ground.

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**GROWS MORE IN JUST ONE MONTH
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GROW IN AN ENTIRE YEAR!**

Because according to plant experts, Gov't scientists and Botanical Gardens who researched this wonder-hybrid... once established, you merely water it once a week, and be absolutely floored as it **GROWS UP** to an average of **A FULL 1/2 FOOT WEEKLY!** during its **SUPER-SOARING** growing season!

That's right! Grows higher than even a full grown Flowering Dogwood **IN JUST ONE SINGLE SEASON!** Grows higher than even a full-grown Star Magnolia **IN JUST ONE SINGLE YEAR!** Yes, thrusts itself so high, so fast that it actually towers over even a Japanese Red Maple, Cherry Tree or even the most graceful silky Willow, in such a ridiculously short time you will simply refuse to believe your eyes!

**PLANT NOW—REACH OUT AND
TOUCH ITS LUSH, THICK BRANCHES
FROM YOUR SECOND STORY
BEDROOM WINDOW BY NEXT SUMMER!**

Think of it—just 12 months or less! No doubt about it. There's just not another "Instant" Shade Tree like it on this planet! Because—this year, thanks to this miracle of plant science, instead of spending a small fortune on a tree and then waiting half a lifetime for it to grow... get set for the garden-wonder of your life as this super-soaring hybrid rockets forth from a tiny sapling to a tower of roof-high beauty **IN JUST ONE SINGLE YEAR!**

**GROWS IN VIRTUALLY ANY SOIL
—REQUIRES NO SPECIAL CARE—
SOARS INTO A MASTERPIECE OF
BEAUTY IN JUST A MATTER OF MONTHS!**

Best of all, unlike most trees that demand constant care, constant pampering... about the only thing you do when you plant this super-growing wonder-hybrid is water it and enjoy it! That's why leading botanical gardens... landscape artists... garden editors... can't stop raving about its indescribable beauty... its trouble-free care... its surging, towering growth. Small wonder that leading experts hail it in the most glowing terms... recommended it again and again for homeowners who want a stunning display of beauty, both a wind and privacy screen, and deep, cool shade... and with practically no more work than a thorough watering each week!

**VITAL STATISTICS FROM LEADING EXPERTS
MATURE GROWTH SIZE:**

as much as 50 to 70 feet.
MATURE GROWTH SPREAD: as much as 30 to 35 feet.

ZONE OF HARDINESS: Hardy from deepest South to as far North as Vermont, Minn., Quebec, British Columbia, Winter hardy in areas where temp. drops as low as 50 degrees below zero!
LIGHT NEEDS: Grows best in sunny location.

DECORATIVE MERITS: Highly recommended by landscape architects as beautiful, decorative specimens for homes, parks, highways etc., where exceptional fast growth and beauty are required. Perfect for fast screening and privacy.

RAPID RATE OF GROWTH: Experts report growth rates of up to 9 FEET THE VERY FIRST YEAR ALONE on specimen trees. That's more than most shade trees grow in 3... 4... 5... even 7 years. Once established, will grow ranch-house-roof high **IN JUST ONE SINGLE YEAR.**

CARE: No special care required, just normal garden care. Water Fully once weekly. No spraying, no dusting, no special feeding. Naturally resistant to most diseases, pest or insects.

**WE HAVE AT THIS MOMENT
ONLY A LIMITED SUPPLY AVAILABLE FOR
RELEASE TO THE PUBLIC—FULL SUPPLY
WON'T BE READY UNTIL 1982.
SO ACT NOW!**

Now the price of this super growing shade tree is not \$20 or \$30 you might expect, but a mere \$3.95.

That's right, only \$3.95 for this magnificent Beauty that rewards you with such a glorious display of growth **IN JUST ONE SINGLE YEAR.** However our supply is limited! Full supplies from the growing fields will not be ready mid to late 1981 or early 1982. Therefore, all orders must be shipped on a first-come, first shipped basis. To make sure you don't miss out... **ACT NOW!**

**SATISFACTION GUARANTEED
OR MONEY BACK!**

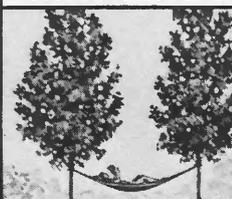
Remember: Satisfaction is fully guaranteed. You must be thrilled in every way with this spectacular f-a-s-t growing shade tree or **RETURN AT ANYTIME** within 90 days for a full refund of purchase price... **ANYTIME** within 1 year for free replacement. Could anything be fairer? Now is the time to order and plant—so send the no-risk coupon today!



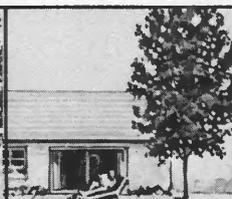
Grows More in One Month Than Most Other Shade Trees Grow In AN ENTIRE YEAR—More in One Season Than Ordinary Shade Trees Grow In 2 Years, 3 Years or Even 5 Years! (Illustration shows magnificent size, spread and beauty of mature Populus Canadensis Eugenei.)

NOTHING ELSE CAN MATCH IT
IN ALL OF NATURE!

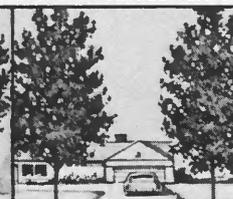
JUST MINUTES TO PLANT — SOARS UP TO ROOF-HIGH IN A SINGLE YEAR!



Here's a luxury sight you don't have to wait half a life-time growing — a matched pair of these towering show-pieces.



Picture your patio bathed in the cool, fragrant beauty of this show-stopping miracle tree from early spring to the first snows of winter.



Just a few minutes planting time, a few season's growing time, rewards you with twin towers of beauty.

MAIL NO-RISK COUPON TODAY

**WILLOW RIVER NURSERY SALES, INC., Dept. RHT-36
346 Maple Ave., Westbury, N.Y. 11590**

Yes, please rush me the SUPER GROWING SHADE TREE(S) indicated below:

- (#001) 1 for only \$3.95 plus 75¢ post. & hand.
- (#002) 2 for only \$6.95 (SAVE over \$1.00) plus \$1.00 post. & hand.
- (#004) 4 for only \$10.00 (SAVE over \$7.00) plus \$1.50 post. & hand.
- (#010) 10 for only \$20.00 (SAVE over \$20.00) plus \$3.00 post. & hand.
- (#020) 20 for only \$30.00 (SAVE over \$55.00) plus \$5.00 post. & hand.

If after receiving my order I am not fully delighted, I may return anytime within 90 days and you will refund my purchase price in full (less only postage and handling costs).

Total amount enclosed \$ _____ (N.Y. Residents add sales tax). No COD's please.

Name _____

Address _____

City _____ State _____ Zip _____

Weather conditions will determine date of shipment. Your trees will be shipped in early spring for proper planting time in your area.

© 1981, Willow River Nursery Sales, Inc.

40 BRAND NEW TOWELS \$1.75!

UNWOVEN COTTON OR RAYON — Assorted beautiful Pastel Colors. BRAND NEW — NOT Seconds — 40 Towels for \$1.75 or 80 for only \$3.35. 120 just \$4.95. Super Quality. Pts. include 50¢ extra for pstg. and hdng. with EACH set of 40 Towels you buy. We know Towels — we've sold 70,000,000 already. Fund Raisers write for quantity prices. Money-Back Guarantee. No C.O.O.'s. Pts. allow up to 6 wks. for delivery.

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315 No. 10th St.

Dept. B-123
St. Louis, MO 63101



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Send me your **FREE** Homes Catalog.
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2201 Florida Ave. So., Minneapolis, MN 55426

Name _____

Address _____

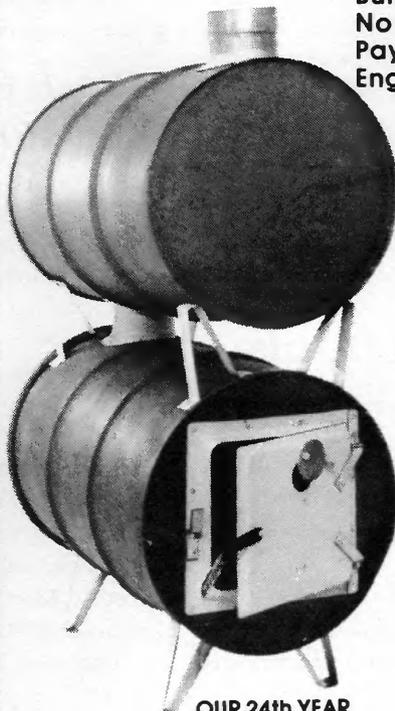
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Zip _____ Phone () _____

I plan to do all or part of the finishing.
 Enclosed is \$1.00 for priority handling.

LOW COST HEATER

Burns over 24 hrs. on low setting
No more middle-of-the-night stokings
Pays for itself in weeks
Engineered to prevent drum burn-out



OUR 24th YEAR

Before you spend \$500 to \$600 on a wood heater, try the Sotz Heater Kit for under \$60... **at our risk.** If (within one year) you don't agree it outperforms any wood heater money can buy, or (within 10 years) if the kit cracks, warps, or burns up, your money will be refunded, including shipping charges.

Kit converts a 55 gallon drum (not supplied) into a high capacity wood burner. Features large 11 1/4" square door opening, cam-lock door catch, and spark-proof design. Patented internal draft channel, draft control, and airtight design allow controlled, efficient heat, while limiting metal temperatures of barrel, to prevent burnup. Use of draft control allows you to heat large or small areas. Basement installation heats your entire home. Great for your garage, workshop, or cabin. Top drum squeezes 60% more BTU's from heat normally lost up the chimney. Heavy steel kit bolts together quick and easy.

Thousands in use by U.S. Army, Navy, Depts. of Not. Resources, Agriculture, Federal, state and local government agencies. Assembled heater tested to U.L. specs. Member BBB.

Price delivered to your door: Bottom Kit **\$38.95**
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Free info. about 15-30 gal. drum kits, heating water, drying wood, fireplace to wood stove and much, much more.

Sotz Corporation, 13668 Station Rd., Columbia Station, OH 44028

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20 Giant Ruffled Glads \$1.00

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Double your money back if not completely satisfied.
New and superior varieties...if bought by name they would cost \$2.40. Colors range from white to purple, pink, rose, yellow, lavender, orange. This year we added **Red Beauty**, one of the brightest glads known. Big bulbs, 1 to 1 1/4 inches across. Glads will bloom for you this summer.

Free Spring Catalog

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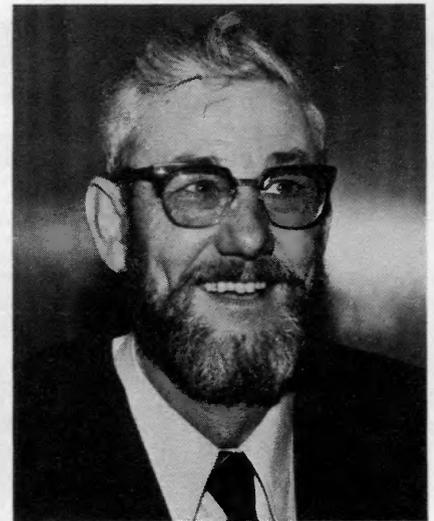
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

Glads will be shipped at proper planting time

Basil Taylor retirement ends 36-year IREC career



Basil L. Taylor



Ralph E. Baird

Basil L. Taylor of Winchester retired December 31, 1980, as Line Superintendent of Illinois Rural Electric Co. Basil has devoted over 36 years in helping Illinois Rural Electric Co. provide its members with adequate service.

He began work in 1944 as a truck driver, and later that year was advanced to apprentice lineman. Basil was later serviceman in the Carrollton service area and in 1947 was named Line Foreman. In 1969 he became Line Superintendent, responsible for all construction and maintenance and for all line and service crews.

Basil and his wife, Margorie, are the parents of five children, Dixie Day, Winchester; Carolyn Kilver, Meredosia; Donna Sparrow, Sullivan; Larry Taylor, Chicago, and Diana Hankins, Winchester. They have 10 grandchildren.

The most significant changes Basil has noted in his 36 years are those involving the mechanical and technological changes. He said line crews are better equipped and trained today, allowing them to provide better service for IREC members. In addition, Basil singled out two-way radio communications as a great benefit in helping cooperative personnel perform their jobs more efficiently.

Basil has had an impressive safety record during his employment with Illinois Rural Electric Co., with no loss-time accident in over 36 years.

He has been first aid instructor for personnel and a member of Safety Practices and Procedures Committee

of Illinois Rural Electric Co. Basil has served a three-year term on a committee of the Illinois Electric Cooperative Plant Supervisory Personnel Association. Basil helped organize and was first captain of the Scott County Volunteer Ambulance Service. During bad weather after office hours many calls would come to Basil's home when he would be at the office dispatching men to the troubled area, and his wife, Margorie, became an integral part of the system by answering service calls in Basil's absence. Our gratitude goes to Mrs. Taylor for the prompt and pleasant way she dispatched the messages to Basil.

Basil has done an outstanding job in coordinating the line and service crews out of Winchester in order to provide and maintain adequate and reliable electric service to our members. We'll miss his competent help, but we do wish him and Margorie much happiness in their retirement.

He has no particular retirement plans aside from a Florida trip in early 1981.

Ralph Baird, 33-year employee, new IREC Line Superintendent

Ralph E. Baird of Winchester was named Line Superintendent of Illinois Rural Electric Co. January 1, 1981. He advanced to this position after Basil L. Taylor retired December 31, 1980.

Beginning with Illinois Rural Electric Co. back in October 1947, Ralph has devoted some 33 years of service to the company and has qualified well over the years to fill his new position. He began with the line crew on construction, advancing through his apprenticeship to become a Journeyman Lineman.

In September 1951, Ralph became a serviceman for the Winchester service area. Then in July 1966, he advanced to Line Foreman. On January 1, 1970, Ralph became Assistant Line Superintendent, the position he held until January 1, 1981.

Our congratulations go to Ralph on his advancement and we are confident he will continue to administer construction and service work effectively to continue providing our members with reliable and quality electric service.

s - 1981 4-H electric schools

actual wiring to be covered in the following classes:

BEGINNERS

Wiring test lights, extension cords, replacing cord ends, etc.

INTERMEDIATE

Wiring single-pole switches, lights, three-way switches and duplex receptacles.

ADVANCED

Wiring outlets for a scale-model farrowing house, three and four-way switches, lights, motors and controls, electric heat panel and complete breaker panel and service.

The above three classes will include safety demonstrations, the latest fault interrupter equipment and proper insulation for the home. School will be dismissed about 3 p.m.