

Restoration completed

(continued from page 7)

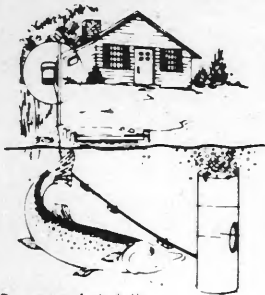
Franklin, in Illinois Rural Electric Co. territory. Illinois Rural, a cooperative with one of the most widespread service areas in the state, was also one of the hardest hit.

"The lines started going down," Campbell relates, "and the tree by the driveway fell, breaking the wires leading to our house. I started out to see about getting a generator, but there were poles across the roads and I couldn't get out." He finally did get out, though, and bought a generator. Until then, they pumped water from an old well, using a hand pump.

"We didn't have trouble keeping warm," Campbell said, "because our cookstove has four gas burners and four wood or coal burners. I just cut up the limbs that had broken under the ice and burned them. We used coal oil lamps for light until we got the generator."

The Campbells live near the end of the line and were without electricity for 20 days.

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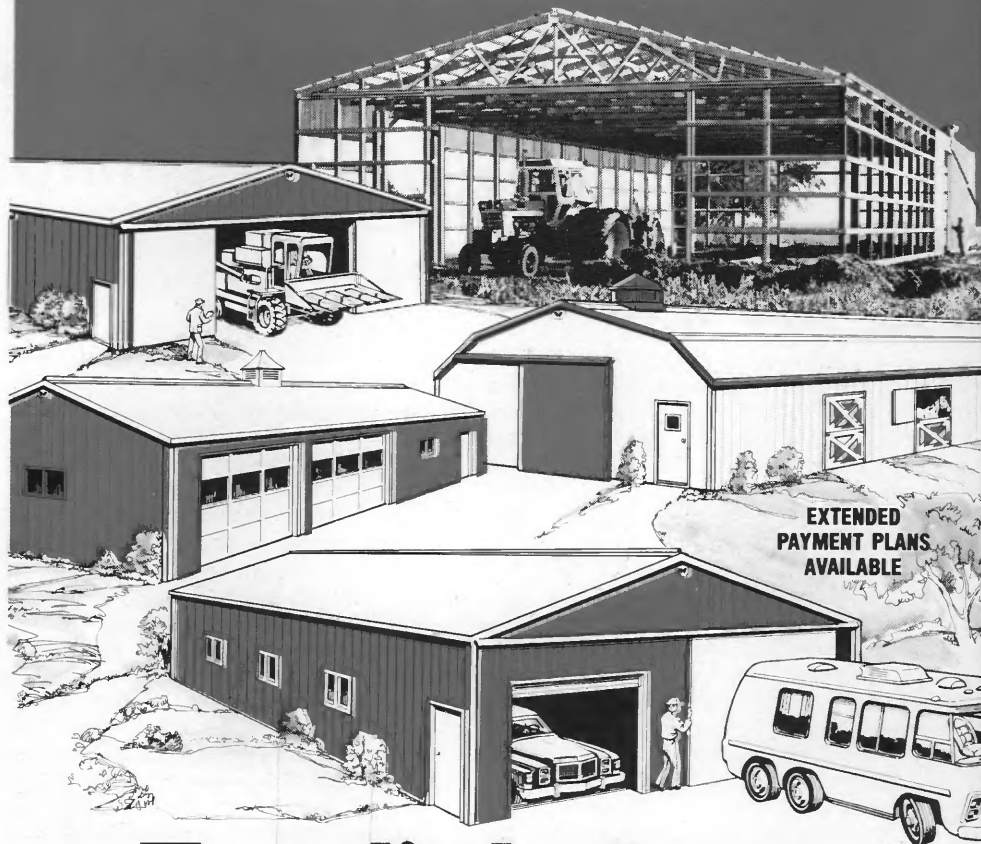
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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS

LeCrone tells annual meeting

Shelby ice storm damage tops \$1-million

A total of \$1-million or more is the projected overall damage to Shelby Electric Cooperative from the severe ice storm which struck the Shelbyville-based system's eight-county service area during the Easter holiday. This was the grim message of Manager William LeCrone to approximately 200 persons at the cooperative's annual members' meeting April 8 at Shelbyville High School auditorium.

"It most certainly is not necessary for me to tell you," LeCrone said, "that this has been one of the worst winters and particularly for the Shelby Electric Cooperative. It has not only been snow that curtailed our operation but it's very fresh in our minds that on Good Friday, about six weeks ago, the Shelby Electric was hit with one of the worst ice storms in its history. In the 40 years that the Shelby Electric has been in operation, this is by far the worst. We estimate our two previous ice, or sleet storms, cost in the neighborhood of \$50,000 each. Compared to the last one, that was peanuts.

"On Good Friday, the ice hit us about 8:30 a.m. I took a ride throughout our territory from Shelbyville to Mt. Auburn. I saw very few poles down. It was something that looked at that time that we could handle with our own forces. I could see three poles in our Taylorville transmission line that needed to be re-set and throughout the territory that I drove, there was no more than three poles in any one location that were down. The primary damage was done to us on Saturday. Our power supplier lost the power to seven of our thirteen substations. We did not know at that particular time when the service would ever be made available to the substations. Some of the service

to the substations was restored on Sunday but one of them—our Elwin station—was not restored until 8:15 Wednesday evening. When we started receiving all of the calls on Friday, we dispatched all of our crews out to their respective substation areas. The report came back just as I have indicated to you of what I had seen on my trip. To cite a primary example, at our Taylorville substation we have approximately seven miles of 34,500-volt transmission line. On Friday, I saw two poles that needed to be straightened up and one pole that needed to be replaced but when our men came in on Saturday evening, they reported that there were seven poles down and 40 crossarms that had been twisted. As a matter of fact, on more than one occasion the poles that he had worked on were leaning or broken off as he looked back at them. To repair this one line took four days before we were able to turn on our Taylorville substation. On another line where three poles were down in one mile, when we got to this mile we replaced 13," LeCrone said.

"On Saturday when we realized the magnitude of the storm damage that we were confronted with, we immediately got on the telephone to our state association in Springfield and told them our situation and the amount of help that we needed—not an excessive number because we felt like we could use only so many efficiently and effectively. The men started coming in that evening until we reached a total of 30 men from outlying areas—not only from the State of Illinois but also Puducah, Kentucky—and I might convey here that they were a fine group of hard-working men. Had they not been, all of our lines would not have been replaced today.

"We started working at 6 each morning and worked until 9 at night and by the time we would have our evening meal, it was 11 before we could retire and most of us would get up from 4:30 to 5 to start in again at 6 the next morning and this was continued on until each and every member's service had been restored.

"I realize that from time to time it possibly looked like we weren't doing the job just the same way you thought we should do it. Maybe your neighbor had service and you didn't. But our procedure at each one of the substations was to work the three-phase and two-phase lines out. This meant during that time that we did not hook up too many members but it was the most important line to get energized. Even though all of the side taps poles would be standing, all the wire would be intact, that portion of the line would do us no good until the primary lines were energized. I am not going to say that we didn't make some mistakes in getting the lines energized but we have learned a lesson in a lot of respects, and the first lesson that I learned is if this ever happens again during my tenure as manager of the Shelby Electric, we will hire a helicopter to fly all of the lines and make a study of the amount of damage that has been done. And the thought occurred to us many, many times during the repairs that perhaps we should start out at a substation and energize each and every mile (large or small) and then continue on until the substation is completed.

"Now, let's look just a moment at the material situation—our poles, hardware. We do not, and neither does any other cooperative or utility, carry a sufficient amount of material in stock for a storm of this magnitude. We had something like 160 thirty-five-

foot poles in stock, so it was necessary for us on Saturday to immediately get on the telephone with our pole supplier and see how soon they could be delivered. Twenty-four hours later, on Sunday, we received two truck loads of poles, and incidentally, this was only a portion. We purchased 700 poles and exhausted our stock at our main office across the street. So far as all other material is concerned, all of our suppliers have seemed to us to have gone out of their way to help us in this crisis. We even had salesmen delivering hardware," the manager told his audience.

"When we first started, our thought in mind was to get the most on in the least amount of time. Therefore, every pole that we could set down—every neutral wire that we could possibly leave lying on the ground—every place that it was not absolutely necessary to set a pole, we did not. However, we still used some 900 poles, which incidentally is 45 miles of poles. We still have many, many poles to replace and at this point in time, we don't know how many. We don't know how many broken wires we have. We have tried to keep track of them but it's physically impossible to get each and every one. So already, we have started to drive every inch of line to find out what needs to be done in order to get it into A-1 condition as nearly as possible.

"Now, let's think about the cost. As of April 8, we had used approximately \$100,000 in material and \$190,000 in labor. In addition to this cost, we lost a substation transformer at our Velma Station—the cost being \$8,500. My first estimate of damage—not just only temporary repairs, but also repairing permanently—was one-half million dollars. I could see shortly thereafter that that was a low figure. I increased it to \$600,000—couple of days later to \$750,000 and I wouldn't be at all surprised if it isn't over a million dollars before it is completed which is quite some time in the future.

"Now, I want to say something about you, the members of the cooperative, and your calls to the office, Ninety-nine and nine-tenths of the calls we received were very, very understanding of our situation. The one-tenth of one percent couldn't understand why they hadn't received service at the same time as their neighbor or even before their neighbor. So we shall always be eternally grateful to you for the fine spirit of cooperation you showed.

"While repairs were under way, I received a call from our state association asking five questions so that they could join the state in an appeal to President Carter in reviewing

the storm crisis, because it had previously been rejected.

1. Approximate cost to restore service under emergency basis — \$750,000.
2. Approximate cost of restoring permanent service — \$500,000.
3. Lost revenue due to storm — \$275,940.
4. Added cost resulting from coal strike — \$13,000 per month
5. Assuming we can get a five percent loan to cover our additional cost—what would be the cost to us to pay it back over a 35 year period? \$218,750.

"I took a few minutes to answer the questions and to call Springfield and turn them in. I personally have no hope at all in getting any help from the federal government because they had turned down about a year ago a similar situation in the State of Wisconsin. You might ask yourself where is the money coming from to pay this. As reported to members in our annual report, the Shelby Electric has set aside during the past years \$2,377,882 for a disaster such as this. We have already tapped the till, so to speak, for a half million dollars. In all probability, we will have to tap it again for more. The president indicated in his report to you that we had asked the Cooperative Finance Corporation for a line of credit of one million dollars. This does not mean that we will use that line of credit but if the need arises during the next twelve months, we can borrow any portion of that million dollars and pay interest only on what we borrow for the number of days that we use it. The difference between borrowing here and borrowing from one of the local banks is that we can get any portion of the million dollars at any given 24-hour notice whereas if we borrowed from a local institution it would be necessary to borrow the complete amount and pay interest on the total amount. Interest on the over two million dollars we had set aside amounted to \$152,049 in 1977. Now, please understand that at the meeting next year this amount is going to be reduced substantially because of the withdrawal of and cashing of our government bonds.

"Now, we have been asked—not a great number of times—about 'Will our rates be increased because of the storm damage?' I know of no one who can give you a true and exact answer to that question at this time.

"There is absolutely no satisfaction to something like this happening other than the fact that we are able to withstand the blow from the financial standpoint. If we were sitting in the position of one of the cooperatives in

the State of Illinois that has a total assets of \$3,848,401 and an ice damage of four million dollars, well, I don't know what in the world we would do.

"I think that we are very, very fortunate in having a group of personnel such as we have. Each and every one of them worked their hearts out to restore service to you," LeCrone concluded.

President L. Eugene Boldt of Stewardson reported that the cooperative expects no federal assistance to cope with the massive financial losses due to the storm.

"We have called on the National Rural Utilities Cooperative Finance Corporation (CFC), the independent credit institution for electric cooperatives, for a \$1-million line of credit to use if the need arises," Boldt said.

"Although we have money set aside from previous years for a disaster such as this one, the CFC money will be available if we need to borrow during the next 12 months." Boldt indicated this may become necessary as permanent reconstruction of the cooperative's distribution system continues throughout the summer months.

Boldt commended all Shelby Electric employees who "worked their heart out" to restore electricity to the Shelby members that suffered long power outages during the storm.

Treasurer Kenneth E. Kensil of Tower Hill reported that skyrocketing inflationary trends in the cost of wholesale power, construction material and labor placed a tremendous financial burden on the cooperative last year, making a rate increase mandatory. "Electric energy costs will continue to rise," Kensil said, "but we don't expect Shelby Electric rates to increase again before January 26, 1979."

During the business session of the meeting, members reelected Boldt and Kensil to three-year terms on the cooperative's seven-man board of directors.

Featured speaker on the agenda was Stanley Greathouse of Johnsonville, immediate past president of the Association of Illinois Electric Cooperatives, Springfield, who lauded the cooperative for its courageous efforts in overcoming the disastrous effects of the ice storm and restoring service to all members. He also outlined continuing problems related to energy supply, financing and inflationary costs that face Shelby Electric Cooperative and other member-owned electric utilities across the nation.

Power supply, increasing costs are primary cooperative concerns

Availability of electric power and the many factors which increase its cost for the consumer were the main concerns expressed by representatives of Illinois electric cooperatives during recent public hearings conducted to help cooperatives across the country continue to meet the growing power requirements of their members.

Reporting before the Power Supply Study Committee of the National Rural Electric Cooperative Association (NRECA) and the National Rural Utilities Cooperative Finance Corporation (CFC) in public hearings during April in Atlanta were Donald B. Bringman, Executive Vice President and General Manager of Western Illinois Power Cooperative (WIPCO), Jacksonville; Roger C. Lentz, General Manager of Southeastern Illinois Electric Cooperative, Eldorado, and Secretary-Treasurer of Southern Illinois Power Cooperative, Marion; Walter R. Smith, Executive Vice President and General Manager, Illini

Electric Cooperative of Champaign and President of Soyland Power Cooperative, Decatur, and James H. Eddleman of the Association of Illinois Electric Cooperatives, Springfield. Dennis L. Tachick, Manager, Eastern Illinois Power Cooperative, Paxton, attended the committee's hearing in Minneapolis. Atlanta and Minneapolis were among six cities in which the hearings were conducted.

Statements presented revealed the many common problems shared by electric utilities throughout the nation, whether they be investor-owned public utilities, municipal electric systems, public power districts or agencies or electric cooperatives. Increases in the cost of fuel to generate electricity and inflationary construction costs are felt

by every electric utility and their consumers, regardless of their organizational structure. The most recent and costly contributor has been the myriad of federal and state environmental laws and regulations.

Bringman's presentation called the committee's attention to problems related to environmental constraints.

He said, "For an entirely too long period of time, power systems have been in the impossible situation of constructing new facilities and retrofitting existing ones without sufficient knowledge of the environmental requirements which would be imposed on such facilities. This has led, and will lead, to the construction of certain facilities that are unnecessary, obsolete at an early date or incompatible with current and future technology."

Bringman urged that the U.S. Environmental Protection Agency (EPA), Federal Energy Regulatory Commission (FERC) and all other related regulatory agencies be pressed

Federal agencies urged to develop definitive rules, regulations, forecasts and proposals.

for definitive rules, regulations, forecasts and proposals so that concrete conclusions and recommendations can be made to power supply systems in the area of environmentally stable construction and operation.

WIPCO is acquiring a 9.5-percent ownership in the Illinois Power Company (IP) nuclear power station near Clinton.

Lentz called for the federal government to adopt the NRECA policy relating to a national power grid system. He said energy legislation before Congress touches on the

ILLINOIS RURAL ELECTRIC NEWS

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Rural Electric

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Annual meeting time is almost at hand—August 26 at the Waverly Grade School.



Roy D. Goode
Manager

Plans for your cooperative's annual meeting are under way. There will be free gifts for all registrants, a craft fair and a wide variety of small and large appliances will be offered at tremendous savings to all members present.

Business Meeting— Your official meeting notice will list the names of members nominated for your cooperative's board of directors. Additional nominations may be made by petition or from the floor at your annual meeting.

Awards—A large variety of attendance awards will be given away. There will be five "Early Bird" prizes and a "Grand Prize."

You do have to be present to win these or any of the dozens of other awards that will be given at your annual meeting.

STAND-BY GENERATORS

As we become more and more dependent on electric energy for nearly everything, we become more and more frustrated during power failures. Many members have indicated an interest in stand-by emergency generators. There will be a display of generators at your annual meeting and can be purchased at Waverly on August 26.

Mark your calendar now—AUGUST 26, 1978—Waverly Grade School

Registration 10:30 — 1 P.M.

Lunch 11:00 — 1 P.M.

We will be looking forward to seeing you there!

WATCH OUT FOR LOW ELECTRIC LINES

Your electric cooperative is concentrating on repairing ice damage that was inflicted upon your cooperative on Easter weekend 1978.

Many neutral conductors may still be unsecured and may be on the ground or low to the ground. In many

cases poles were broken at ground line or near ground line, the pole was reset as an emergency measure to restore electric service.

Some electric lines will still be low, and some neutral conductors may still be on the ground so—

PLEASE WATCH FOR LOW OR DOWN WIRES — as you mow, as you farm, or go in and out of fields. These wires will be taken care of as soon as possible, but it is not possible to get them all replaced immediately—**BE CAREFUL!**

Shelby

SHELBYVILLE, ILLINOIS

The winter of '78 and the Easter ice storm will be long remembered—especially by those electric consumers



William E. LeCrone
Manager

who were without electricity for days and, in some areas, weeks because of extensive ice damage to electric systems.

Even now, with electric service restored, cooperative line crews continue to rebuild miles of storm-damaged lines.

Although memories of those long, dark days without electricity are not pleasant ones, Shelby Electric Cooperative would like to thank the members who endured the severe hardships of the storm. We especially

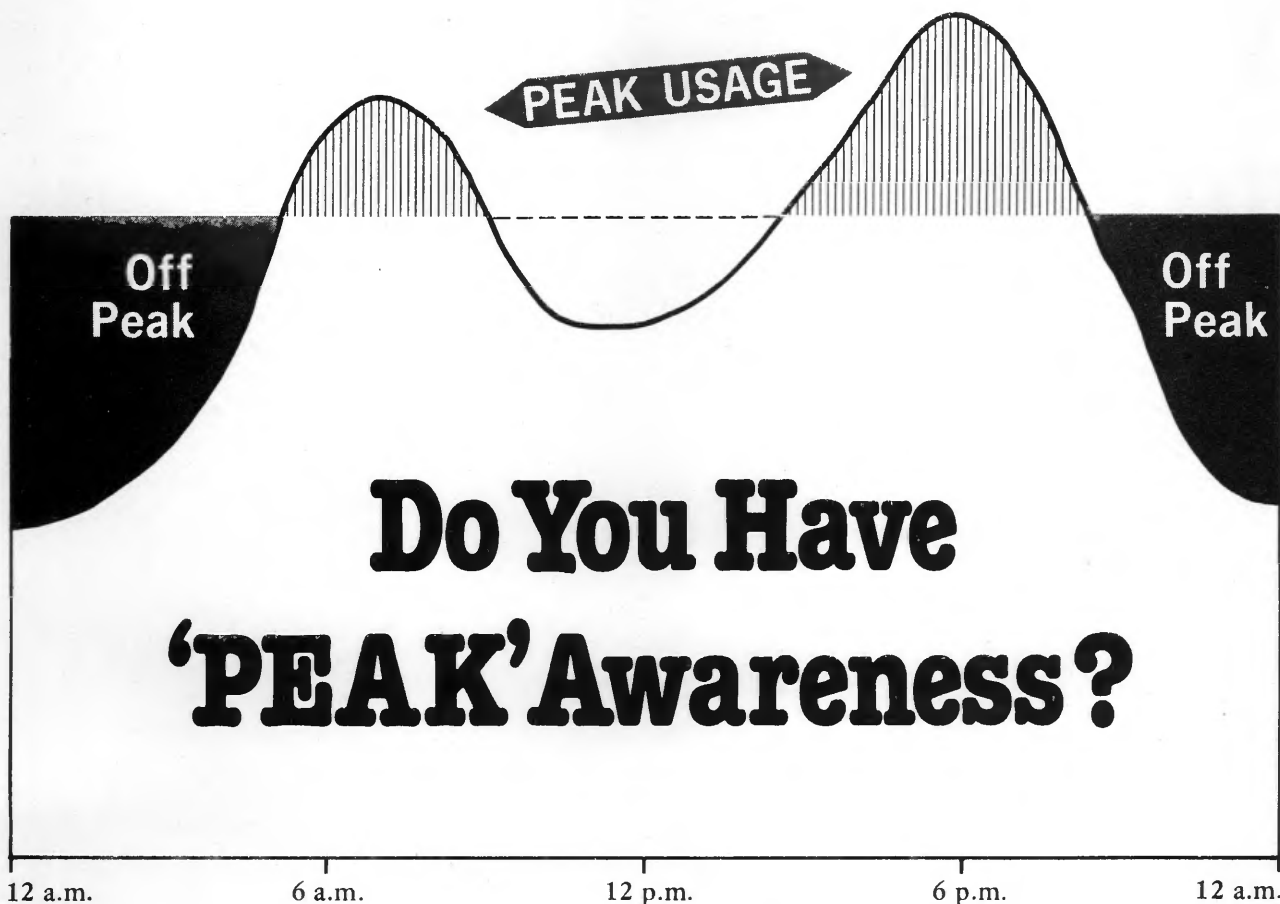
want to thank the members for their patience and understanding during the extensive power outage.

Shelby Electric Cooperative employees remember the ice storm, too—they worked around the clock, during and after the storm, to help restore your electric service. These dark memories are highlighted by the kindness of members who offered assistance, food and shelter. The thoughtfulness and generosity of members and others who offered help will long be remembered.

We regret the inconveniences caused by the ice storm and appreciate the concern many of you expressed in the welfare and safety of the cooperative employees as they struggled night and day to restore your electricity.

Everyone needs
electricity...

use it wisely and save!



Do You Have 'PEAK' Awareness?

What is a peak?

It's one or two times each day when consumers' use of electricity is highest.

Why do peaks occur?

They're caused by consumers' energy use patterns. Many of the Illinois Electric Cooperatives' 150,000 member-owners wake up at about the same time every day, shower, cook breakfast and begin work. Electrical use hits a peak at this time. In the evening, members arrive home, use electrical appliances, hot water, lights and turn up the air conditioner . . . again at about the same time . . . and electric energy use hits another peak.

So what?

Here's the point. Electric Cooperatives must

provide adequate electrical capacity to meet the highest peaks. Each year the peaks get higher and more power plants are needed to generate enough electricity to meet peak use. There is no reasonable alternative to ensure that we don't run short of electricity during these peaks.

Here's what you can do

Shift some of your electrical use to off-peak periods. Avoid washing and drying clothes or dishes until later at night. Turn off your air conditioner during peak periods. Postpone using major appliances until off-peak times. By lowering your peak power use, you make more efficient use of the electricity we now have and delay the need for more generating capacity. Be aware of the expensive peaks and save money on your electric energy bill.



Electric Cooperatives of Illinois

Energy . . . today and tomorrow

'Youth Day' attracts 185

The record number of young people who participated in this year's "Illinois Rural Electric Youth Day" April 26 visited, among several sites, the Lincoln Home (right) where a long line of high school students representing Illinois electric cooperatives waited for guided tours, and the Governor's Mansion (below), where they toured the State Dining Room, which featured chandeliers and candelabra made of rare Waterford glass.





Dean Searls



Elwood Olver

Adams' Searls receives ASAE Kable Award

Dean L. Searls, Manager, Adams Electrical Co-Operative, Camp Point, has received the 1978 George W. Kable Electrification Award. The award recognizes agriculture engineers for personal and professional contributions in applying electrical energy to the advancement of agriculture through agricultural engineering.

The award was presented by the American Society of Agricultural Engineers (ASAE) during the Society's summer meeting at Utah State University, Logan.

The Kable Award is sponsored by the Food and Energy Council (FEC) and by "Electricity on the Farm" magazine. It is presented annually in honor of George Kable, the magazine's editor from 1937 to 1950.

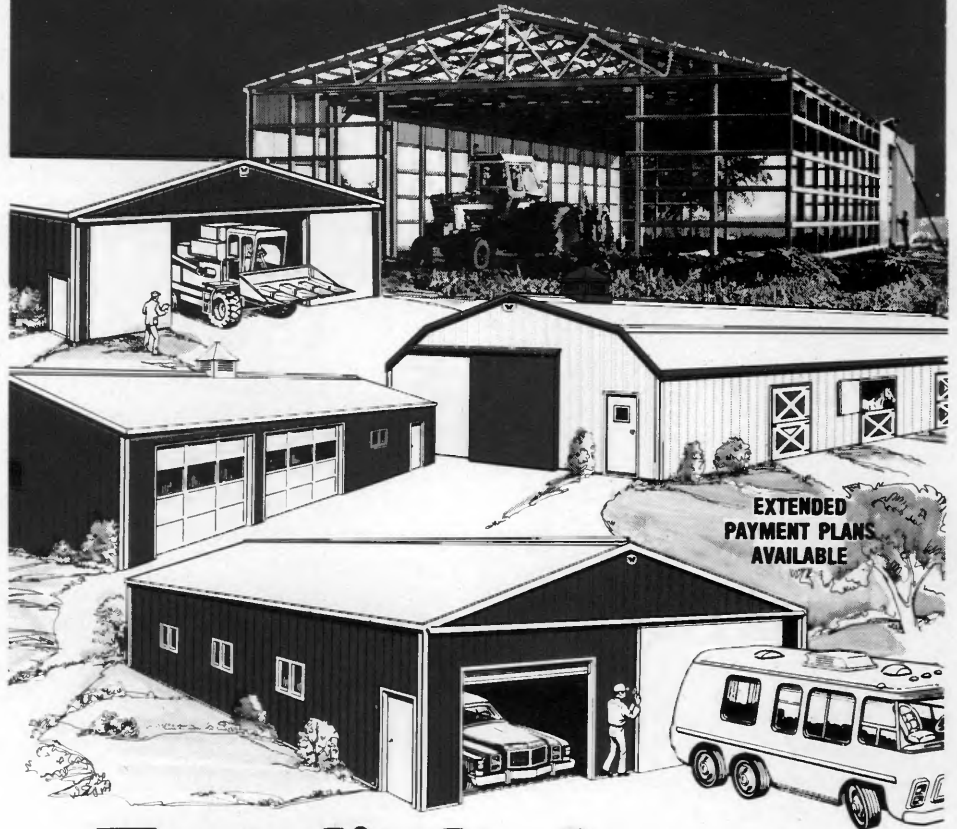
Searls has worked in the rural electrification field for 39 years, serving for the past 35 as manager of Adams. He is president of the board of the Illinois Farm Electrification Council. In 1973, he was elected to the board of directors of the national Food and Energy Council.

Another Illinoisan, Elwood F. (Woody) Olver, professor and head of the agricultural engineering processing division, University of Illinois, was elected an ASAE Fellow. Fellows are elected annually by ASAE's board and are chosen for their unusual professional distinction and extraordinary qualifications.

Olver is executive secretary of the Illinois Farm Electrification Council.

AUGUST 1978

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Current lines from cooperative managers

Rural Electric

AUBURN, ILLINOIS

Your Rural Electric Convenience Cooperative Co.'s Annual Meeting will be held this year at the Waverly Grade School August 26, 1978. Registration begins at 9 a.m. with the business meeting starting at 10 a.m., followed



Roy D. Goode
Manager

by a free lunch. This should be an advantage to the members by having the meeting in the morning when it is cooler, and with everyone having a very busy schedule, this would only take a half day of your time.

There will be a Craft Fair again this year. Anyone interested in displaying their crafts may contact the office or Mrs. Marshall Bickel, R.R. 1, Auburn, Illinois, 965-5659.

A display of portable generators by Winco again will be on hand at the meeting. These can be purchased by the members at a big savings during the annual meeting day.

Registration will start at 9 a.m. Those members registering between 9 a.m. and the starting time of the business meeting (10 a.m.) will be eligible for the "EARLY BIRD" awards. The first award will be a \$50 credit on the member's electric bill. Other awards, also credits on electric bills, will be \$40, \$30, \$20 and \$10.

The GRAND PRIZE to be drawn at the end of the meeting will be a Hotpoint Compactor.

There will also be 25 small appliances available to members at

very low discount prices, and all Hotpoint appliances will be selling at very low prices. These extra low prices are available on the day of the meeting.

Entertainment for children will be provided during the business meeting.

We need your presence at the annual meeting. This is your business

and you are entitled to have a say in how it is operated and discuss your Cooperative with your elected board of directors and management. We would like to see you at your annual meeting Saturday, August 26, at the Waverly Grade School. It's an important day for you and your cooperative.

Shelby

SHELBYVILLE, ILLINOIS

The 26th annual Farm Progress Show will be held this year on the farms of two Shelby Electric Cooperative members who live south of Taylorville. The event, which is set for September 26-28, is rotated between farms in Iowa, Illinois and Indiana, and will be held on the Phil Deal and Jim Michenheimer farms.



William E. LeCrone
Manager

Shelby Electric Cooperative will provide electric service to the show, and construction work should be beginning as you read this.

We will provide 66 tall poles, with the needed transformer capacity. We expect to install anywhere from 66 to 88 transformers to the exhibit sites, and will string some 12,500 feet of line in the area.

More than 250,000 persons are expected to attend the three-day show to view the various farming exhibitions and examine the latest farming equipment.

Test plots, planted last spring, will be harvested, too. In all, approximately 750 acres of corn and 480 acres of soybeans will be harvested during the show.

Corn harvesting demonstrations will include combines, picker-shellers, and silage harvesting equipment. Stalks will be shredded, baled and stacked, followed by discing and plowing. There will be grain drying demonstrations with the shelled corn, and forage harvesting and silo filling demonstrations will be featured.

Corn, soybeans and sorghum test plots will be used by major herbicide and insecticide manufacturers to demonstrate their products, used on crops grown under identical crop and weather conditions. Check strips have been left to show the effects of the chemical treatments.

Hybrid seed companies will have demonstrations of about 400 different varieties, and company personnel will be on hand to discuss the latest hybrids, which were grown under the same conditions.

Farmstead areas offer a look at such facilities as a modern cow-calf operation and an automated beef feeding system for visitors to observe. Grain drying and high moisture corn storage equipment will also be available for inspection.

There will be an 80-acre tract set aside for commercial exhibits, and more than 400 exhibitors will display their products.

An ultramodern kitchen will be used daily in food preparation demonstrations, and other exhibits for homemakers are planned, too.

If Last Winter Convinced You to Insulate Your Home, We Hope You've Done it by Now...

Last winter's record cold temperatures convinced a lot of us to insulate our homes. If you haven't done it by now, don't wait until the first snowfall to invest in insulation. The insulation that could have saved you money on last winter's energy bills can save you money this winter—if you install now.

Inspect your insulation **before** it's time to turn on the heat. Illinois electric cooperatives generally recommend insulation levels of R-30 or more in ceilings and R-19 in walls and floors. By insulating to recommended levels, homeowners frequently find that their energy savings soon pay for the total cost of insulation.

There are many ways to cut home heating costs, but nothing you can do comes close to the savings you can realize by installing proper insulation. And, as energy costs increase, your insulation savings increase, too. Don't wait to insulate—start cutting your energy costs now.



Electric Cooperatives of Illinois

Energy . . . today and tomorrow



The water intake is a key element in the water delivery system of the fireboat. Duncan, left, watches as Thompson checks for obstructions, while Behling, in the yellow outfit, looks on.

First by land; now by water

(continued from page 6)

hoses can be moved from the boat to a four-wheel-drive vehicle. Such capability is especially useful in the winter, in case the boat is frozen in place at the dock.

Seper and Thompson, as are all the residents along the lake, are members of Southeastern Illinois Electric Cooperative, headquartered in Eldorado. Southeastern receives electric power from the SIPC plant.

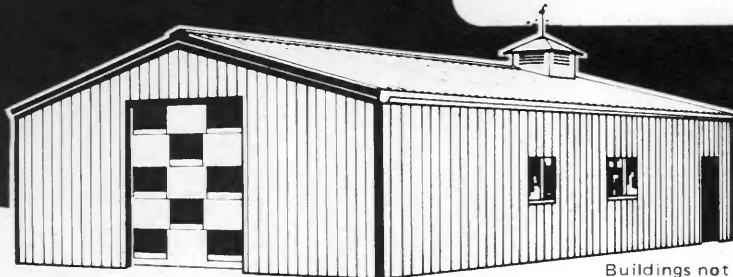
Thompson is past president of the Lake of Egypt Property Owners Association. John Ford is the current president.

The volunteer fire department draws its primary support from the property owners association, Thompson points out. The association contributes half of each member's \$10 annual dues to the fire department. This contribution, along with money raised by the ladies auxiliary of the fire department, provides the funds necessary for the department to obtain matching federal assistance. About 17 men are active in the department at the present time, three years after its start. Henry Basco, acting chief when Seper was out of state this summer, says they need about 24 to adequately cover the lake. (One truck is located at Pharaoh's Gardens area on the lake, and the other at Eagle Point Bay.) "We need more volunteers," Basco says.

Communication is a key element in making the fire department effective. Thompson explains that all locations on the lake are assigned a location code. Calls for assistance go straight into the Marion Fire Department, then the message is relayed back to the volunteers by paging devices. Ten firemen carry the paging units. A return call to Marion pinpoints the fire location.

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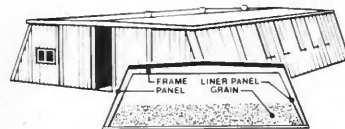
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SOYLAND CLINTON PARTNERSHIP

(Continued from page 9.)

megawatts (mw) of power from the Clinton station in 1982, another 100 mw in 1986 from a joint coal-fired venture and completion of Soyland's own plant in 1987.

Following the officers' reports, 30 persons were elected to represent the 15 cooperatives of Soyland's board of Directors. Chosen were: Stanley N. Huffman, Flora, and William L. Stanford, Flora, Clay Electric Co-operative; Robert W. Vander Pluym, Breese, and Irvin W. Wessel, Centralia, Clinton County Electric Cooperative; William D. Champion, Gays, and C. E. Ferguson, Mattoon, Coles-Moultrie Electric Cooperative; G. V. Beer, Bloomington, and Frank L. Simpson, Farmer City, Corn Belt Electric Cooperative; G. N. Hodge, Milford, and Dennis L. Tachick, Paxton, Eastern Illinois Power Cooperative; Maurice Johnson, Paris, and Byron G. McCoy, Paris, Edgar Electric Co-operative Association; Edgar G. Arnn, Geneseo, and Paul Mallinson, Geneseo, Farmers Mutual Electric Company; James F. Beaty, Philo, and Walter R. Smith, Champaign, Illini Electric Cooperative; Roy E. Horton, Princeton, and M. M. Jontz, Princeton, Illinois Valley Electric Cooperative; Robert E. Pendell, Macomb, and Lyndall Pigg, Bushnell, McDonough Power Cooperative; Joseph Fellin, Waterloo, and Preston Mosbacher, Prairie du Rocher, Monroe County Electric Co-Operative; L. Eugene Boldt, Stewardson, and William E. LeCrone, Shelbyville, Shelby Electric Cooperative; Jack A. Compton, Greenville, and Donald F. Sanders, Ramsey, Southwestern Electric Cooperative; D. E. Hanes, Mt. Vernon, and Allen Sisk, Mt. Vernon, Tri-County Electric Cooperative; and Bill Endicott, Fairfield, and Evans C. Williams, McLeansboro, Wayne-White Counties Electric Cooperative.

During the board's reorganization meeting, Smith was reelected president; Compton, vice president; Tachick, secretary-treasurer, and Champion, assistant secretary-treasurer.

SEPTEMBER 1978

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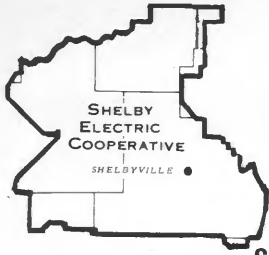
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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

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SHELBYVILLE, ILLINOIS

Long-Time Shelby Employees Retire

Three long-time employees have retired from Shelby Electric after nearly 100 years of combined service to the rural electrification program in Illinois. Carl Furry, groundman, and G. R. Hull, office manager, retired after 35 years of electric cooperative service. Groundman Marvin Smith retired after 31 years of service to Shelby Electric.

First employed at Shelby in April, 1943, Carl Furry was responsible for

posting consumer ledgers and care of the cooperative's warehouse. After serving two years in the U.S. Army, he returned to Shelby in 1946 and served 13 years as a lineman. From 1958 until his retirement, Furry served Shelby as a groundman, meter reader and pole tester. His retirement plans include recreational activities.

G. R. Hull retired on March 31, 1978, after serving 16 years as Shelby's office manager. Beginning his career in rural electrification as bookkeeper for Western Illinois Electrical Coop. at Carthage in August, 1939, Hull became assistant manager and bookkeeper at Clay Electric in 1941. After four years in the U.S. Army, he returned to assume duties as office manager for Clay in 1946. In November, 1947, Hull was employed by Southwestern Electric as office manager and transferred the cooperative's bookkeeping records onto a new system. Hull became office manager for Shelby Electric in 1962 and later guided the conversion of the cooperative's general ledger onto CADP's computer system.

A native of Tennessee, Marvin Smith joined the work force at Shelby in 1947, setting the cooperative's first distribution lines. In 1952, Smith was transferred to Assumption where he operated a maintenance truck for 23 years. At the time of his retirement, Smith was employed on the construction crew at the cooperative's Shelbyville headquarters. Smith commented that his last week of repairing ice storm-damaged lines made retirement "easier to take."



Furry



Hull



Smith

A Willie Conserve-A-Tip



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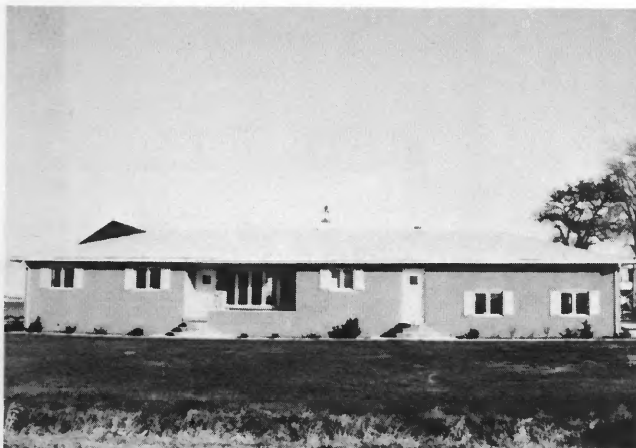
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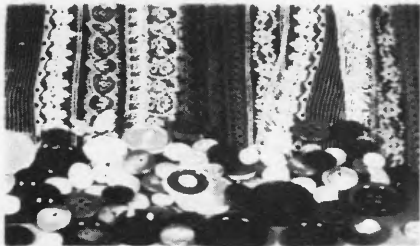
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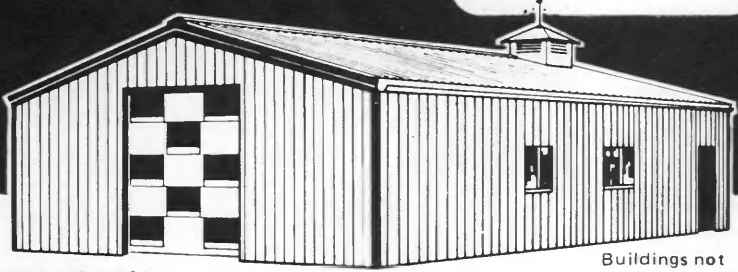
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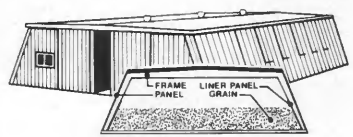
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Now from one of America's leading obesity specialists comes a thrilling crash-burn way to slimmer . . . that does away with all the torture of rigorous diet ONCE AND FOR ALL — ends brutal exercise FOREVER!

What this doctor has done is simply this: Found a surefire way for you to gently raise the level of your fat-burning metabolism . . . step up the flow of your body's own natural fat-burners . . . so that every time you eat . . . your system automatically NEUTRALIZES THE EFFECT OF ALL THE CALORIES IN THE FOOD YOU TAKE IN — AND YOUR BODY MELTS AWAY FAT LIKE HOT WATER MELTS DOWN ICE!

Yes, with this doctor's thrilling ANTI-CALORIE PROGRAM and capsule, you "rev up" your inner furnace — you neutralize all the calories coming in — so not one ounce of the food you eat can possibly turn to fat.

ACTUALLY SHRINKS YOUR BODY'S FAT CELLS STARTING IN JUST HOURS!

Yes, based on published reports from professors at leading medical schools . . . PLUS experimental fat-burning studies on U.S. Army officers, West Point Cadets and independent research tests . . . with the food you eat on this doctor's CAPSULE PROGRAM . . . your body automatically neutralizes the effect of all the calories you take in — automatically forces pounds and inches to vanish so FAST, that before you hardly know it, you:

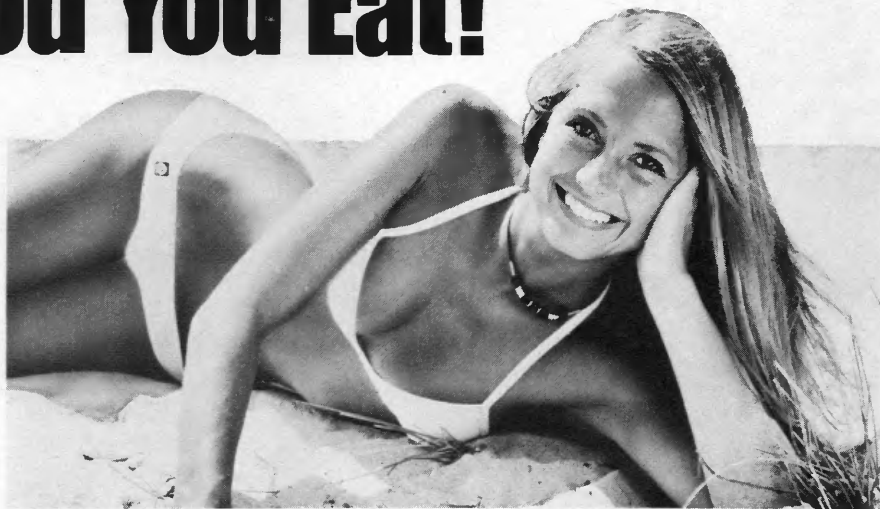
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LOSE UP TO 4 INCHES OFF YOUR BUTTOCKS
LOSE UP TO 4 INCHES OFF YOUR STOMACH

as you start to win the physique of a naturally skinny person . . . those types who never seem to gain an ounce!

YOUR TUMMY FEELS LIKE YOU FEASTED, BUT YOUR WAISTLINE LOOKS LIKE YOU FASTED!

Just to give you an idea of how fast this thrilling anti-fat weapon burns away excess fat and inches . . . according to California University Medical School research, an energy burn-off you can actually melt away more fat each 24 hours than if you ran 10 to 14 miles a day! — Lose more pounds each week than if you did 300 sit-ups each morning and 300 push-ups each night! LOSE as much as a FULL SIZE THE FIRST 5 DAYS ALONE.

VITAL NOTICE: Before starting this program, consult with your physician to be sure you are in normal health and your only problem is excess weight. Individuals with high blood pressure, heart disease, diabetes, or thyroid disease should use only as directed by a family physician and see if he doesn't agree that this Lifetime Road to Slimness including the few minutes of nightly toning the doctor highly recommends is by far one of the most medically sound, fully sensible approaches to the problem of excess weight.



BEST OF ALL — YOU STAY SLIM FOR GOOD! BECAUSE AT LONG LAST, YOU HAVE IN YOUR HANDS A LIFETIME WEAPON TO DEFEND YOURSELF AGAINST FAT BUILD-UP!

Yes, when you arm yourself with this thrilling ANTI-CALORIE CRASH-BURN PROGRAM and doctor's capsule . . . you actually fortify yourself with the only thing you'll ever need for LIFETIME PROTECTION against excessive fat build-up. That's because, medical science now offers you a proven way to neutralize all the calories in the food you eat — gently step up your metabolism . . . stimulate and "target" your body's "fat-burner" chemicals to attack clinging pockets of fat, so you burn away excess flab meal to meal these 3 medically proven ways:

ONE — BECAUSE YOU CONSTANTLY NEUTRALIZE THE EFFECT OF THE CALORIES IN THE FOOD YOU EAT, YOU BURN AWAY STORED-UP FAT AND CONTINUE TO GROW SLIMMER AND SLIMMER FROM MEAL TO MEAL! Yes, when you launch yourself on this doctor's calorie-deficit crash-burn program you gently step up your inner furnace! So when food enters your body, instead of being stored as fat, it is AUTOMATICALLY converted to burned-away energy.

TWO — YOU GRAUALLY ACCELERATE YOUR FAT-BURNING METABOLISM by greater caloric burn-off than intake. Meaning, your body, without you even feeling it, unleashes a steady surge of fat-burner chemicals directly into your system to attack stored-up fat . . . automatically breaks down . . . converts it into fluid . . . that drains right out of your body!

Just like a furnace grows hotter and hotter the more you stoke it . . . so your own body burns away fat faster and faster the more you step up your fat-burning metabolism.

THREE — YOU COMPLETELY DEFEAT THE GREATEST SINGLE CAUSE OF FAT BUILD-UP, runaway appetite and overeating. Because the moment you take this doctor's CAPSULE, ravenous hunger disappears. Gnawing appetite is switched off . . . you lose your craving for food for hours at a time.

More significant . . . when you do eat on this Doctor's CRASH-LOSS diet and Lifetime-Slim maintenance program, since your body completely NEUTRALIZES THE FAT-BUILDING EFFECT OF ALL THE CALORIES IN THE FOOD YOU EAT, excess fat simply cannot form . . . stored-up body fat burned off and melted away by the hour — and you continue to grow slimmer instead of fatter after each meal you eat!

DOCTOR ADVISES: USE THIS CRASH-BURN PROGRAM ONLY WHILE YOU'RE OVERWEIGHT . . . OTHERWISE YOU MIGHT GROW TOO THIN!

Of course, there is one thing you must keep in mind. You cannot use this CAPSULE CRASH-BURN PROGRAM indefinitely . . . otherwise, you might become overly thin.

Also, as long as you are on this ANTI-CALORIE Program you cannot stuff and gorge yourself silly on over-rich, high-fat foods. There is a reasonable limit on just how fast medical science can help you safely burn away fat: BUT — and here's the very heart of this wondrous development: Because this thrilling ANTI-CALORIE concept not only helps you neutralize the effect of the calories in all the food you eat . . . but ALSO puts gnawing appetite to sleep . . . you simply lose that driving urge, that maddening craze to make fattening food the very center of your existence . . . thanks to this medically proven formula that contains the most powerful reducing aid ever approved for release to the public, without a prescription, by the United States Government!

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***** Div of American Consumer, Inc. *****

current lines from cooperative managers

Environmental and energy problems offer a tremendous challenge. There is no quick, easy, inexpensive answers to

these problems. With the help and continued cooperation of the members, these challenges will be met.

Shelby

SHELBYVILLE, ILLINOIS

Rural Electric

AUBURN, ILLINOIS

October has been designated as Cooperative Month. Cooperatives provide more than fifty million consumers with services such as electricity, telephones, fertilizer, farm product marketing plus many, many other services.



Roy D. Goode
Manager

Your own electric energy is supplied by your cooperative. Your cooperative supplies electric energy to some 4,600 consumers, who are actually the owners as adequately demonstrated when your board of directors determined to repay your capital credit patronage refund for the years 1948, 1949 and 1950. Hopefully this will continue to be the ongoing policy of your cooperative.

Rural electric cooperatives are recognized as one of America's finest examples of grassroots participation and member involvement. Your rural electric has worked hard at keeping pace with a changing rural America. Your cooperative serves farms, rural homes, industrial, commercial and urban and suburban members as it keeps pace with rural America.

The first generation of rural electric consumers and leaders has established a sound program of cooperative endeavor that is solid and has proved its worth.

We have many energy problems facing us today, and a tremendous challenge of meeting the needs.

What is this fuel adjustment cost that we have been reading about?

Your cooperative purchases power from the Central Illinois Public Service Company (CIPS)



William E. LeCrone
Manager

under a wholesale power contract. This wholesale power contract states the amount that will be charged for each kilowatt-hour we purchase. The wholesale contract also contains a statement which allows CIPS to pass along to the cooperative any increase or decrease in the cost of fuel it uses to generate our electricity.

As I stated in my letter of September 5, with the information that was obtained from our power supplier in November of '77, we included an estimated amount for fuel adjustment in addition to the cost per kilowatt-hour into our rate. That figure being .38 mills.

How can we be sure the CIPS is passing on through the fuel adjustment clause only our fair share of its higher fuel cost? Your cooperative and the other Illinois cooperatives receiving

wholesale power from CIPS have been concerned about this very question. Our contract has always been negotiated by representatives of the company and a committee representing each of the cooperatives that purchase from them.

After negotiating the bulk power contract, the committee retained an outside auditing firm to prepare a detailed audit of all costs used by CIPS in calculating the fuel adjustment charges passed on to the cooperatives. The audit report concluded that the charges passed on to the cooperatives have fairly reflected extra fuel costs to generate our electricity.

CIPS is now supplying on a monthly basis to our state association the actual figures used to calculate each month's fuel adjustment. In addition the association is making periodic reviews of the coal contract provisions between the CIPS and mine operators which directly affect the fuel adjustment costs we pay.

Accompanying this article is a chart showing the actual fuel adjustment cost from the CIPS to your cooperative from January through August, and the period from

MONTH	E.F.A.	COST	KWH x .38¢	DIFFERENCE
Jan. '78	.355¢	\$ 53,234.02	\$ 56,982.88	+\$ 3,748.86
Feb. '78	.358¢	51,162.57	54,306.64	+3,144.07
Mar. '78	.551¢	59,338.70	40,923.24	-18,415.46
Apr. '78	.747¢	68,907.66	35,053.43	-33,854.23
May '78	.955¢	89,656.45	35,674.81	-53,981.63
June '78	.881¢	88,844.34	38,321.05	-50,523.29
July '78	.681¢	84,024.56	46,885.96	-37,138.60
Aug. '78	.405¢	43,837.17	41,131.16	-2,706.01
Sep. '78	EST. .393¢	43,230.00	41,800.00	-1,430.00
Oct. '78	EST. .500¢	60,000.00	45,600.00	-14,400.00
Nov. '78	EST. .500¢	60,000.00	45,600.00	-14,400.00
Dec. '78	EST. .500¢	60,000.00	45,600.00	-14,400.00
TOTAL 1978		\$762,235.47	\$527,879.18	-\$234,356.29

September through December is their estimated cost per KWH.

It has never been the intent of the board of directors or the management of the cooperative to charge you members more per KWH for fuel adjustment than the cooperative had to pay, thus the reason for the cooperative figure of .38. However the

increases have been much higher than the information we received from the CIPS in November of 1977, as indicated in the accompanying chart.

Through August the additional cost has been \$189,726.29 more than collected through the rate. With the estimated amount from August through December the amount will be

\$234,356.29.

What does this additional amount mean to your cooperative? It very simply means that your cooperative will have a deficit figure by year's end.

If you have any questions or wish to see our power bill, please feel free to stop by the office and we will be happy to show them to you.

YOUR CHILD'S FUTURE ... WITHOUT ELECTRICITY?

Our lives and those of our children would be very different without electricity. No lights, coffee makers or hot showers. What would the future hold for today's children if electricity was not available at a price they could afford?

Our electric supply is threatened . . . by environmental groups making unreasonable demands, on federal and state governments and on electric power systems. Unreasonable demands, affecting the location of power plants, transmission lines, pollution equipment and coal mining, postpone the construction of necessary generating facilities and increase your cost of electric service drastically. Extended lawsuits, delays and resulting expenses add to the ultimate cost of power supply systems. Eventually, these expenses are passed on to the consumer through higher electric bills.

The real impact of illogical environmental demands will be a dramatic increase in the cost of electric service for our children. If these activities continue unchecked, they will hinder further development and operation of power supply systems to the point of creating an even more critical shortage of electric energy. Be sure opinion leaders in your community, as well as state and federal officials, are aware of your concerns about the economic effects of regulation on your pocketbook and the lifestyle of consumers for years to come.

Electricity is the strength of generations to come. Don't let costly regulations price it out of their reach.



Electric Cooperatives of Illinois

Delayed effective date and longer duration key elements of new wholesale power agreement

A new agreement for the purchase of wholesale electric power for eight Illinois electric distribution cooperatives and one generation and transmission cooperative went into

effect October 1, two months later than previous annual agreements, and will be for a period of 15 months, rather than the one-year period of earlier agreements. Cooperative

officials estimate the rate increase delay and moratorium will save member-consumers an estimated \$800,000.

The agreement, developed after lengthy negotiations with Illinois Power Company (IP), followed IP's initial request for an annual rate increase of \$3.4-million effective August 1 this year to the cooperatives which purchase bulk power from the supplier. The result of the negotiations over a period of several weeks was a purchase contract that includes an annual rate increase of \$2.4-million to the cooperatives, with a delayed effective date of October 1, and a moratorium on additional increases until January 1, 1980.

Cooperatives involved include: Clinton County Electric Cooperative, Corn Belt Electric Cooperative, Farmers Mutual Electric Company, Illinois Valley Electric Cooperative, McDonough Power Cooperative, Monroe County Electric Co-Operative, Southwestern Electric Cooperative, Tri-County Electric Cooperative and Western Illinois Power Cooperative and its seven member cooperatives: Adams Electrical Co-Operative, Illinois Rural Electric Co., M.J.M. Electric Cooperative, Menard Electric Cooperative, Rural Electric Convenience Cooperative, Spoon River Electric Co-operative and Western Illinois Electrical Coop.

Representing the cooperatives in the negotiations was the IPC Bulk Power Negotiating Subcommittee of the Association of Illinois Electric Cooperatives' Energy, Environment and Engineering Committee. Members of the committee include the manager of each of the cooperatives which purchase bulk power from IP.

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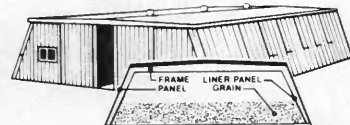
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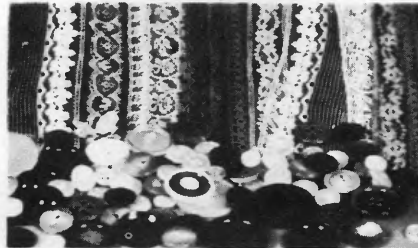
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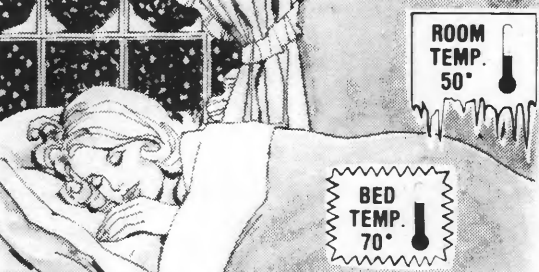
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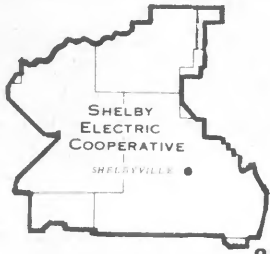
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Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS



Shelby serves ag show-

Farm Progress Show held on Deal, Mice



The Farm Progress Show is a "traveling" show that takes place once a year for three days, shifts each year and is held in Illinois, Iowa or Indiana. This year, it was Illinois' turn to host the event, and the Phil Deal and Jim Micenheimer farms were chosen for the show site.

The farms are side by side in Christian County, just south of Taylorville, and they offered the necessary 70-80 acres needed for the show, which draws about 225,000 persons.

Since the Deal and Micenheimer farms are served by Shelby Electric Cooperative, it followed that the show would be, too.

Planning for the event began 12 months ago for Shelby Electric, and the plans were thrown out of phase by the Easter weekend ice storm. With line construction crews hard pressed to make permanent repairs to their

ILLINOIS RURAL ELECTRIC NEWS



heimer farms

system, extending electric service to the site posed a very real challenge.

But the crews managed to get the job done and energize the farm progress show site on September 15.

According to Dick Simmering, director of engineering services for Shelby Electric, four crews were dispatched to the site late in August, where they built a 66-pole primary distribution system within the exhibit area. Nearly two and one-half miles of line were constructed on 50-foot poles, and linemen converted an existing single-phase line to three-phase service to feed the show site.

Lewis Houston, director of operations, maintenance and construction, noted that a few exhibitors requested some special services at the site, but that the additional work was kept to a minimum because of the press of time.

NOVEMBER 1978

Two Shelby linemen "camped out" at the site to take care of any service work needed.

In all, nine men from the cooperative were involved in the project. They were: Delmar Brunk, Lynn Glick, Richard Hanes, Larry Stephens, Van Cruit, Robert Reedy, Dave White, Jerry Meyer, and Terry Oldham.

The construction work for the show was performed on "dead" lines, enabling apprentice linemen to practice their skills in a relatively safe working environment. Much of the normal construction work, especially that done in the storm-damaged areas of the cooperative's system, is done while the lines are energized.

Now that the show is over, the line, transformers, poles and hardware are being dismantled and removed from the site, and will be added to the cooperative's inventory.

Clockwise from lower left: Many of those attending the Farm Progress Show were interested in this tractor, billed as the largest production farm tractor in the world. Crowds move from the parking lot to the show grounds. Shelby Electric crews string some of the two and one-half miles of line. Richard Hanes and Delmar Brunk work atop a pole.

Questions about the future

How scarce will energy be, and who will allocate it?

A leading electric utility official has suggested six questions that should be asked of those persons who advocate energy retrenchment in our society. James J. O'Connor, President, Commonwealth Edison Company, posed the questions during a speech to participants in the Illinois Energy Conference on Electric Utilities in Illinois during September in Chicago.

Questions O'Connor said should be asked included:

- Just how scarce should energy be—and who will allocate it?
- Who might be forced to reduce energy consumption in the event there is not enough energy to meet everybody's needs—the large industrial user, the homeowner, the farmer—or who?
- Just how willing would Americans be to trade their single-family homes for the energy-saving apartments the Swedes are living in, and are the Swedes happy with these units?
- Just how would the American working man react to having labor-saving, energy-using machines taken away and having a pick and shovel put in his hands?
- And when 20 men with hand tools replace the one man and his machine, how much will the 20 men be paid?
- And will someone please ask those who allege that the U.S. energy industry is suppressing solar power because "corporations don't own the sun" just why there is no solar power in countries where there are no corporations—just government?

O'Connor was one of over 40 Illinois and national utility and government leaders who spoke during the three-day conference, sponsored by the Energy Resources Center of the



University of Illinois at Chicago Circle, the Illinois Energy Resources Commission and the Illinois Institute of Natural Resources. Dr. James P. Hartnett is Director of the Energy Resources Center and served as chairman of the conference planning committee.

Among the members of the conference planning committee was

...Consumer electric costs are being driven higher and higher by the standards and regulations.

James H. Eddleman of the Association of Illinois Electric Cooperatives. Eddleman and Illinois State Representative Daniel M. Pierce were co-chairmen of the first day's afternoon session on power plant planning and siting.

Five persons addressed the conference during the discussion of

Porter J. Womeldorff, left, Manager of Planning, Illinois Power Company, was among a group of speakers who discussed power plant planning and siting during the Illinois Energy Conference on Electric Utilities in Illinois. Seated are Representative Daniel M. Pierce, center, a member of the Illinois Energy Resources Commission, and James H. Eddleman of the Association of Illinois Electric Cooperatives, co-chairmen of the session.

planning and siting, including Porter J. Womeldorff, Manager of Planning, Illinois Power Company; Richard J. Grant, Environmental Affairs Supervisor, Central Illinois Public Service Company; Martin Wagner, Policy Planning Division, U.S. Environmental Protection Agency; Robert V. Laney, Deputy Director of Operations, Argonne National Laboratory, and Tor Kolflat, Illinois Energy Resources Commission.

Grant said development of accurate load growth forecasts and competent planning and siting of power plants require considerable attention to problems caused by uncertainties, especially those relating to existing and proposed environmental standards and regulations.

He added that amid all these uncertainties is one certainty: consumer electric costs are being driven higher and higher by the standards and regulations.

Grant noted recently proposed federal EPA standards—New Source Performance Standards—which would

Fiat-Allis Demonstration Area

Heavy equipment sales 'built' near Springfield

Fiat-Allis' Bill Rummer, on the tractor, talks with Wayne Fuchs of Rural Electric Convenience Cooperative, which provides electric service to the heavy equipment manufacturer's product demonstration site.

Just a few miles southeast of Springfield, tractors, scrapers and front-loaders roar back and forth, some plodding slowly and surely, others scurrying around like determined beetles. They are not working on a great project, and the earth they move from one place to another today may well be moved back tomorrow.

The machinery works regularly at the Fiat-Allis Demonstration Area, and the primary function of the area, according to W. L. "Bill" Rummer, supervisor, demonstration areas, "is to generate sales."

"We bring in our salesmen, show them the equipment and tell them the selling points," Rummer says, "and we put them on the machines to operate them. We don't try to make qualified operators out of them, but we do want them to get the feel of the equipment."

Prospective customers, too, are brought to the site of occasion, given a tour of the Springfield Fiat-Allis plant and labs, and are treated to a display of the equipment at work. Rummer tries to keep at least one piece of equipment from each product line at the demonstration area, and there are some 25 pieces of equipment in the



comparison of tractor parts, dissected to show the relative "beefiness" of the Fiat-Allis parts as compared to those of the competition.

"We have a couple of demonstration operators here, and a serviceman," Rummer says, adding, "all in all, it takes about a dozen people to put on a good formal display."

The demonstration area is operated on some 70 acres of land leased from the City of Springfield, and serves as the summer facility. It is served by Rural Electric Convenience Cooperative Company, Auburn. Another site, near Phoenix, Arizona, gets a lot of use during the winter months, while a third site in Italy is in use nearly the year around.

The demonstration area in Italy points up the international nature of the firm, which has plants in Italy, England and Brazil, as well as licensees in Japan, Canada and Singapore.

One of the tractors at the site is the Model 41B, which, equipped with blade, cab and ripper, will weigh in at about 160,000 pounds, and cost in the neighborhood of \$330,000. Even at the seemingly stiff price, Rummer notes, the 41 is a popular model.

"Many of our biggest tractors go for coal mining or land reclamation," he says, "and one coal company in

"All in all, it takes about a dozen people to put on a good formal display."

"Many of our biggest tractors go for coal miners or land reclamation."

company's line.

Observers at the site sit on bleachers protected from the weather by a blue and white tent-like structure that also houses a product exhibit. One of the prime displays is a

Pennsylvania has eight of them on order. Coal must really be the name of the game these days."

It is no surprise that the firm's large tractors are selling well, since big equipment is needed to keep up with America's ever-growing energy needs.



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Board adopts new billing policy

Last month in this space, we pointed out to you what the fuel adjustment cost (FAC) is, and that it is designed so our supplier, Central Illinois Public Service Company (CIPS), can pass on its added cost of generation over and above what we had negotiated in our contract. This was done because generation costs, largely due to the cost of coal, change so quickly.

We added a .38 cent per kilowatt-hour (KWH) charge to your bill some time ago to account for this figure, with the expectation that it would be enough to keep your cooperative operating in the black. The FAC has already exceeded that figure, meaning that expected revenues will not cover our wholesale power cost increase. At its October 23 meeting, your board of directors unanimously voted to adopt a new billing procedure which will allow the cooperative's revenues to just keep pace with wholesale power costs.

Under the new setup, any additional cost for the fuel adjustment, over and above the .38 cents already calculated into the base rate schedule, will be added to your next bill.

For example, you will make your December 26 meter reading as usual and pay your bill based on that consumption figure. Your KWH consumption will be recorded, and any additional amount necessary to make up any extra December FAC charges will be billed to you for payment with your January bill. Naturally, the more KWH you used in December, the more your balance due will be in January.

On January 26, you will need to add your December balance due figure for the excess FAC cost to your January bill, total them up, and send

the resulting amount in as your payment.

In effect, you will be paying your January 26 bill and your December 26 fuel adjustment at the same time, and this will be the way we will continue to bill in the future.

We should point out that these cards will be sent to each account, whether there is a balance due or not. The reason for this is that the cards are printed by computer. It would cost your cooperative much more to sort through 8,000 accounts each month and sort out the zero balance cards than it would to go ahead and mail them out.

So, if you receive a balance due card with all zeros, please just enter that figure (\$00.00) on line 7 of your cashier's stub, and compute your total as usual.

Only those meters with no usage at all will receive zero balance cards, such as summer cabins, non-operating grain bin installations, or similar situations.

Our estimated adjustment figure of .38 cents per KWH, which we had hoped would keep up with inflation and coal costs, was based on information we received from CIPS as of November 1977. Through August, the amount we collected through our estimated rate fell \$189,726.29 short of our bills from our supplier, and if fuel costs continue at the same rate, we will have a \$234,356.29 shortfall by the end of this year, and your cooperative will suffer a deficit. This is the reason for the new billing.

Even with our fuel adjustment cost, our rates are competitive with other electric suppliers. For example, CIPS, which sells us the wholesale power we distribute to you, charged its customers \$86.06 for 1,400 KWH in

September. Our members using the same amount—which is about average—paid \$63.00, or \$23.06 less than CIPS.

As we have said before, we do not generate electricity. We buy it and distribute it to you, our members, and we receive an electric bill, just as you do, only larger. We would like to emphasize again that you are welcome to come in and ask questions or have a look at our electric bill.

DATE	YOUR REC	
Jan. 26, 1979	0	2
1. THIS MONTH'S READING	0	1
2. LAST MONTH'S READING		1
3. METER SUBTRACTION		X
4. MULTIPLY BY THIS FIGURE		1 1
5. KILOWATT HOURS USED		52.
6. KILOWATT HOUR CHARGE		5.
7. PREVIOUS BALANCE OR CREDIT		
8. OTHER CHARGES		57.
9. AMOUNT TO PAY		

Read Your Meter. If the number to the right of line 4 is a 1, fill in lines 1 and 2 to the net (Example meter reads 2454, fill in 2450 or meter reads 2457, fill in 2460). If the number on line 4 is other than 1, fill in lines 1 and 2 with the actual number. Complete lines 2 and 3 and 5. Using the KWH chart, find the Kilowatt Charge in your rate chart. If the meter reading is made before the 11th, use the "net" column. If the meter reading is made on the 11th or after, use the "gross" column. The amount to be placed on lines 7 and/or 8, will determine the total amount to pay.

Please save for future use

The information in the upper part of page 13 should be cut out and placed with your meter box.

DATE Jan. 26, 1979

YOUR RECORD

1. THIS MONTH'S READING				
2. LAST MONTH'S READING				
3. METER SUBTRACTION	_____			
4. MULTIPLY BY THIS FIGURE	_____			
5. KILOWATT HOURS USED	_____			
6. KILOWATT HOUR CHARGE	_____			
7. PREVIOUS BALANCE OR CREDIT	_____			
8. OTHER CHARGES	_____			
9. AMOUNT TO PAY	_____			

IMPORTANT: This is your meter reading book. Please use it to pay your electric bill. Each month on the 26th complete and date the "Your Record" and "Cashier's Stub" parts and mail or bring the Cashier's Stub with your payment to the Cooperative office.

YOUR RATE CHART: Will tell you how much your bill is. Your bill is due on the 26th. Please do not pay earlier than the 26th. This will allow time for your balance card to arrive in the mail and permit you to add the balance to your current bill. Information on minimum bills is included in your rate chart.

DATES TO REMEMBER:

1. Read and figure your bill on the 26th.
2. You have till the 7th to pay from the "Net" column. When the 7th falls on Saturday, Sunday, or Legal Holiday, the next business day is allowed for payment from the net column.
3. If you pay late, pay from the "Gross" column.
4. **BILLS NOT PAID BY THE 12TH ARE SUBJECT TO DISCONNECTION WITHOUT FURTHER NOTICE.**
5. Please disregard the old dates on the meter book pages and rate chart.

Read Your Meter. If the number to the right of the X on line 4 is a 1, fill in lines 1 and 2 to the nearest zero. (Example meter reads 2454, fill in 2450 or meter reads 2457, fill in 2460). If the number on line 4 is any number other than 1, fill in lines 1 and 2 with the actual readings. Complete lines 2 and 3 and 5. Using the KWH on line 5, find the Kilowatt Charge in your rate chart. If payment is made before the 11th, use the "net" column. If paid on the 11th or after, use the "gross" column. If there are amounts to be placed on lines 7 and/or 8, use them to determine the total amount to pay.

The information at left above is on your old meter reading book, and is out of date. Please use the information above

right in its place. Note that the penalty date and the disconnect date have been changed.

DATE Jan. 26, 1979

CASHIER'S STUB

1. THIS MONTH'S READING	0	2	1	0
2. LAST MONTH'S READING	0	1	0	0
3. METER SUBTRACTION	1 1 0			
4. MULTIPLY BY THIS FIGURE	X 10			
5. KILOWATT HOURS USED	1 1 0 0			
6. KILOWATT HOUR CHARGE	52.50			
7. PREVIOUS BALANCE OR CREDIT	5.25			
8. OTHER CHARGES	_____			
9. AMOUNT TO PAY	57.75			

At left is a copy of your billing stub. Please note that you should fill out items 1 through 6 as you have in the past. THEN, add your balance due on line 7 (you will receive a card like the one below in the mail each month), then total up all the figures as you are accustomed to doing. The balance due figure is for the previous month's fuel adjustment cost above the .38 cents per KWH already calculated in the regular bill. It is circled below to illustrate where you should look to find the correct figure each month.

SHELBY ELECTRIC COOPERATIVE

P.O. BOX 368
SHELBYVILLE, ILLINOIS 62565
TELEPHONE (217) 774-3986

Name
Address

Address Correction Requested
Return Postage Guaranteed

First Class Mail
U.S. Postage
1 oz. Paid
Permit No. 122
SHELBYVILLE, ILL.
62565

Name
Address

MAIL OR B
SHELBY E
P.O. BOX

From Reading	To Reading	KWH Multiplier	KWH Used	Amount \$	c	R	Code
0000	0100	10	1000	4900			
Payment				4900	c		
CIPS EFA less .0038 plus tax				525			
FUEL CLAUSE ADJUSTMENT RATE PER KWH				.0052500			
THIS STATEMENT IS FOR CONSUMPTION THROUGH				Mo 12	Day 25	Yr 79	525
Rate Schedule	Bill is Delinquent and Gross applies after this date →			Mo 1	Day 7	Yr 79	525
Cooperative Code	Meter Number	Amount Number					
	XXXXXXXX	XXXXXXXX					

Date Meter Read

Billing Date	ENTER METER READING HERE		
Mo Day Yr	X	X	X
1 26 79	X	X	X
Account Number	Gross Amt Due \$	Net Amt Due \$	
XXXXXXXXXX	5 25	5 25	

Keep For Your Records

- RETURN THIS PORTION

reference

corner of
pled to

Retirement by Dunham closes long career; Buller is successor

Lyle E. Dunham, whose 27 years with the Association of Illinois Electric Cooperatives were marked by dedication, determination and unselfish contribution of time, has retired, ending a career of service to and contact with thousands of Illinoisans.

The Brown County native, who worked five years for Adams Electrical Co-Operative, Camp Point, after Naval service during World War II, accepted a temporary assignment with the AIEC in 1951 to assemble tents, chairs, lighting, sound and other equipment for a traveling annual meeting "caravan" to assist many of the state's electric cooperatives. Shortly after joining the AIEC staff as a permanent employee, he conceived the Illinois Electric Cooperative Emergency Work Plan to provide manpower, equipment and materials in the event of an emergency. (During the Spring ice storm, the plan was activated, saving valuable time in restoring service.)

One responsibility led to another, and he became the AIEC's special services coordinator, serving the state's electric cooperatives in a variety of capacities—including legislative representative; coordinator for meetings, group purchases and job training, and safety programs; beauty pageant director; printing supervisor, and Youth to Washington tour



director. In 1961, Dunham was named Director of Member Services.

As Director of Member Services, Dunham worked closely with power use and member service personnel. His service at the cooperative locations made his name and face very familiar.

Throughout his career, Dunham also worked closely with agriculture groups, including the University of Illinois College of Agriculture. On several occasions, Dunham was honored for his service, but perhaps the highlight of the honors came in November when the Illinois Chapter of Gamma Sigma Delta, the Honor Society of Agriculture, presented him with its Award of Merit for outstanding service to agriculture in Illinois. Chapter President Dr. Lyle P. Fettig, who presented the award, cited him for his work to assist farmers in the most efficient and economical use of electric power, his various activities with the Illinois Farm Electrification Council and his work on behalf of the 4-H, Future Farmers of America and the Illinois Young Farmers.

Gary W. Buller, a former staff member of South Dakota State University, has succeeded Dunham.

Buller formerly was a design and research engineer with the Agricultural Engineering Department of South Dakota State, Brookings, where he received his bachelor of science degree



Clockwise from top left: Dr. Lyle Fettig, left, President of the Illinois Chapter of Gamma Sigma Delta, The Honor Society of Agriculture, presents the fraternity's Award of Merit to Lyle E. Dunham, retired Director of Member Services for the AIEC. Gary Buller, a native of South Dakota, is the new Director of Member Services. Dunham, who directed numerous annual meeting beauty pageants, poses with Nancy Hammann, Miss Illinois Electric Cooperatives of 1965.