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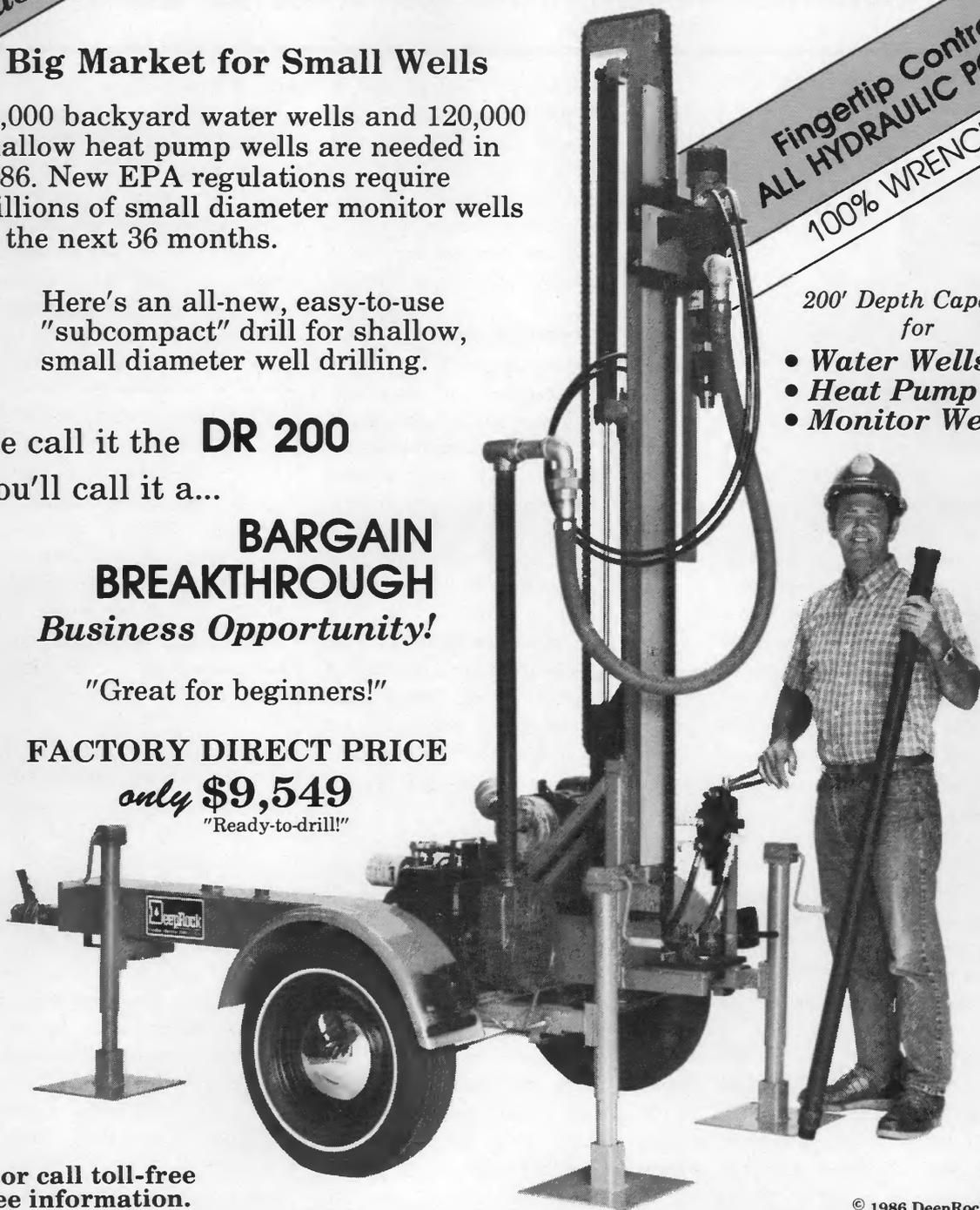
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# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

Another year has passed and, like always, for some of us all went well and for others there were some problems. We hope 1986 will be a better year for all of you, healthwise, financially and, of course, a peaceful year.

The Cooperative wishes to thank all of you for your splendid cooperation during 1985 and hope this cooperation will even be better in 1986. Yes, we too have problems, some of which seem to have no solution, but with your help and input at the area meetings, and through personal contacts, we know we'll find the answers.

We already have those who, with their 20/20 hindsight, have the answers to all our problems, but what we really need to help solve our problems are those with 20/20 foresight and good common sense.

I personally would appreciate your comments and/or suggestions relating to the Cooperative. Do this either by mail or with a personal visit to the Cooperative office where we can talk and discuss your questions and also many other things at the same time. No organization can stand alone and your cooperative is no different. We need input from all our members, not from just a few. Let us hear from you in 1986.

### ANNUAL MEETING

Your next annual meeting is scheduled for March 20 at the Central High School in Breese, beginning at 7:30 p.m. Like years past, the craft and arts

fair, opening at 6 p.m. will be held in conjunction with the meeting. If you have never seen this craft fair, you definitely have missed one of the best such shows in this county.

Make it your business to attend the meeting, too, and hear the reports of your Cooperative officers and manager.

### PROMOTIONS

On the second page of this center section, you can read all about our new water heater promotion. It's a good promotion and available to all the members of the Cooperative living in a residence served by our Cooperative.

In the very near future, other promotions will follow: dual fuel heating, as an example, closed circuit heat pumps and even more after that. We are trying to help you hold down your electrical operating costs by offering these new incentive rates and we believe you'll agree that making some concessions on your part will pay off big on the electric bill.

### SOYLAND

Soyland Power Cooperative is our new wholesale power supplier and will continue to be for many more years down the road. Soyland owns part of the Illinois Power Clinton nuclear plant and, of course, wishes now that it didn't. At the time such a decision had to be made, much time and thought went into the planning and building of either a coal-fired or nuclear power plant. Because of economics, then, the nuclear plant proved to be more economical than the coal plant. The contracts were signed and construction started. Everything was going great, but then, out of the clear blue sky, came the Three Mile Island incident. This accident changed all nuclear plant construction to come under the Nuclear Regulatory Commission. The plant, when finished,

now will cost about five times the original estimate, thanks to the Nuclear Regulatory Commission. Now, of course, we have those who say we should not have been part of this plant. Again, good old 20/20 hindsight. We never heard from these people when the decision was being made to build the plant. Yes, we admit, that if we had to do it all over again, we, too, would not be a part of

### CLINTON COUNTY ELECTRIC COOPERATIVE, INC.

475 North Main - P.O. Box 40

Breese, Illinois 62230

Office Hours

8:00 A.M. to 5:00 P.M.

Monday through Friday

Phone for 24-hour service - emergencies only - after 5 p.m. and weekends. Call - Area Code 618/526-7282

### MANAGER

Robert W. Vander Pluym

### BOARD OF DIRECTORS

Dist. 1 - Wilbert H. Rueter, President, R.R. 4, Box 45, Carlyle, IL 62231

Dist. 3 - Alfred Woltering, Vice-President, R.R. 2, Box 228, Breese, IL 62230

Dist. 3 - James Klingelhoefer, Secretary-Treasurer, R.R. 1, Box 126, Mascoutah, IL 62258

Dist. 1 - Irvin W. Wessel, R.R. 4, Centralia, IL 62801

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the Illinois Power nuclear power plant. The contracts that were signed are binding contracts and, contrary to rumors, there is no way out. Like I said in the beginning, it is a problem we have to face today but we also believe that in the years ahead we'll be thankful for the plant because of the low cost of energy produced.

Soyland's other sources of power, all as-if-owned contracts with Illinois Power Company and Central Illinois

Public Service Company, are very good contracts. All of these contracts deal with existing power plants, some coal, some oil and, of course, some peaking plants using gas.

The Cooperatives had to make a decision in the 1970s for their power supply and it was then that decisions were made. We now have our own power supply and no longer need to rely on one-year contracts, that sometimes were not very good. In the next

five to ten years, we believe there could be a shortage of electric power. Those utilities with fairly decent wholesale contracts today might find in five years that they could be on the outside with no contract because of the possible shortage of electric power. No new generating plants are being built today and this could cause problems in five years. It takes five to ten years to start a power plant and get it on line.

## Water heater program is a money saver

Clinton County Electric Cooperative has a new water heater program.

The intent of this water heater program is to encourage the purchase and use of energy-saving electric water heaters by Cooperative members and to encourage the use of additional electricity in an efficient manner. Another goal is to limit peak demands, maintain system load and, in turn, stabilize electric rates.

How does this program work?

1. The Cooperative will sell the member an electric water heater, plus timer, (52-gallon) for \$75, plus tax, or an 80-gallon electric water heater, plus timer, for \$100, plus tax.

2. Pick-up of water heater and timer at the Cooperative and installation of water heater and timer will be at the member's expense, including plumbing, electrical work and disposal of the heater being replaced.

3. The member agrees to install and operate this water heater, as the main source of hot water, for a minimum of five years at a location served by Clinton County Electric Cooperative, Inc. If this condition is not met, the member will be required to pay the full

### Nominating committee

The nominating committee will meet Monday, January 20, at 7:30 p.m. at the Cooperative office in Breese to nominate three members for election at the Clinton County Electric Cooperative annual meeting March 20.

Members of the committee are:

District No. 1 - John Brammeier, Ray Bassen and Edwin Gebke.

District No. 2 - Mark Feldmann, Ron Zurliene and Floyd Schulte.

District No. 3 - Vernon Mohesky, Bernard Richter and Robert Beckmann.

retail price for the heater.

4. This water heater is covered by a manufacturer's warranty for 10 years on the tank only, and one year on all other parts. The Cooperative will maintain a supply of parts and keep a record of the warranty.

5. In case of a member being a tenant, the homeowner must sign the water heater agreement and be responsible for terms of agreement.

6. If a Clinton County Electric employee determines that proper installation requirements are met, the member will receive an \$8 per month credit on his electric bill, effective the month following Cooperative inspection. This credit will be guaranteed for a period of five years. The Cooperative reserves the right to perform periodic

inspections for the purpose of verification of timer and timer settings.

7. The member agrees to allow the Cooperative to interrupt the water heater load for a minimum of two hours and a maximum of four hours. Due to possible changes of the Cooperative's co-incident system peak, the Clinton County Electric Cooperative reserves the right to make changes in the control device and the control timer.

Members with existing electric water heaters can also participate in this program by purchasing a control timer.

For more information on this innovative water heater program, contact the Cooperative office, either by phone (526-7282) or drop us a note.

## 1986 Annual Meeting Craft Fair

Clinton County Electric Cooperative, Inc. has scheduled its 1986 Annual Meeting for March 20, 1986, at Central Community High School, located on Route 50, just west of Breese.

Featured at this annual meeting will be a Craft Fair, allowing talented members to display their crafts and/or hobbies. Women's clubs or organizations, school children, 4-H groups, as well as individual members, are invited to share their talents by displaying their crafts and/or hobbies.

If you have any interesting craft items that you would like to display and/or sell, please let us know by filling out the form below and sending it to us. We will be contacting you later with more details.

I am interested in participating in the 1986 Annual Meeting Craft Fair.

NAME \_\_\_\_\_

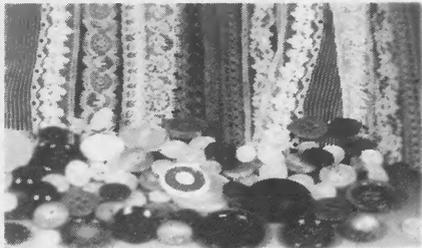
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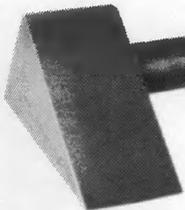
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Artist's concept of Choremaster

## Livestock operations may benefit from Choremaster

**G**iven the proper use, electric vehicles may have a place on the farm, and they may even be able to reduce equipment costs, according to Les Christianson, a new member on the University of Illinois Agricultural Engineering staff. Christianson comes from South Dakota State University, where he was one of the project leaders in designing and testing an electric vehicle for agricultural use. Electric cooperatives supported the project through funding by the National Rural Electric Cooperative Association Research Fund.

Beginning in 1979, Christianson and other South Dakota State staff members designed three models of the "Choremaster" — an electric tractor that is best suited to farm chores, not field work.

He says that dairy, beef, swine and poultry farmers would have the most interest in electric vehicles because these farmers need a farm chore vehicle approximately 300 days out of a year. A grain farmer, on the other hand, may only need a chore tractor 30 to 70 days out of a year, which would not make it economical.

The initial cost of an electric tractor is about 10 to 15 percent higher than a diesel-powered tractor. However, Christianson says that energy savings, a longer vehicle life and reduced

maintenance with an electric vehicle more than offset this initial higher cost.

In fact, in one comparative study, South Dakota researchers found that if you considered all expenses over a vehicle's lifetime (including initial costs), the electric vehicle saved almost \$2,000 per year over the diesel vehicle.

Other advantages of the electric vehicle, he adds, are less noise, an absence of noxious fumes for in-building use, ease of starting and less dependence on one energy source.

The 4,000-pound battery in the electric Choremaster was able to power the vehicle for about 15 miles of stop-and-go driving under different load conditions before it needed to be recharged, Christianson says. This equals about four hours of tractor chores on typical farms.

When moving packed snow in 20- to 30-degree Fahrenheit weather, the tractor operated for about three and one-half hours, and cold conditions did not affect the battery's capacity.

In -20 degree F weather, the battery also performed well, but the hydraulic fluid and valves performed poorly and the instruments for measuring energy usage malfunctioned. In this case, however, Christianson notes that the battery was not insulated and the vehicle sat out overnight.

Although the electric vehicle is a new concept in American agriculture, the idea of a battery-powered car is an old one, dating back to 1847.

By the 1900s, electric car manufacturers were generating about \$18 million of business per year in the United States alone; but then came the decline. Gasoline-powered cars replaced electric cars, leaving electric vehicles with specialty jobs, such as milk delivery, mine work and forklift operation.

It was not until the oil embargo of 1973 that interest picked up once again and money was channeled into electric vehicle research.

In Europe, Christianson says, electric vehicles have been widely used for milk delivery since the 1930s; and they have been used in those European cities where combustion vehicles are banned due to pollution concerns.

Because European farms are not as large as those in the United States, researchers there also are developing an electric tractor that is practical primarily for field work.

In the United States, meanwhile, the interest seems to be present for an electric farm chore tractor, Christianson says. In a South Dakota survey, dealers, Extension agents and farmers were all receptive to the idea.

For example, the dealers surveyed estimated that the electric Choremaster could replace 32 percent of their sales of tractors (below 100 horsepower) to dairy operators, 29 percent of their sales to beef operators and 34 percent of their sales to swine operators.



# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

### SURVEY CARD

If you have not yet returned the survey card mailed you in January, please do so today. It is important that all these cards are returned. We do need to know if your membership is signed as you want (single or joint membership) and we need the other information on electric heating, too, because of a special dual fuel electric rate that will be offered very soon.

Again, return that card today, if you have not already done so. It is important and not just junk mail. If your membership is not signed the way you want it to be, the change can be made now. This will also change your capital credit allocations and prevent any mix-up at the annual meeting registration when voting ballots are handed out.

### NEW WATER HEATER PROGRAM

This has to be the best deal offered our membership for a long time. We hope all of you take advantage of this money-saving promotion and install a new electric energy saving water heater and time switch soon.

The \$8 per month credit for installing such an electric water heater and time switch is guaranteed for five years. We're almost positive it will continue even after the guaranteed five years, but to be on the safe side we used the five-year limit.

If you're now using something other than electric to heat your water, we suggest you install one of our new

electric energy efficient heaters plus timer at our very special reduced prices and receive the \$8 per month credit on your electric bill. We also suggest you install one of these new units if your present water heater is eight years old or older. This is a good deal for all of you and I personally believe you're making a big mistake if you let this opportunity slip by without taking some action. Present electric water heaters, in good condition, can also qualify for the program. Call the office for more details, if needed.

### ANNUAL MEETING

We hope a very, very large number of you will attend the Annual Meeting in Breese on Thursday, March 20, 1986. Today more than ever before we need full cooperation from all of you. We need your input, your cooperation and your attendance at these meetings if we want to continue as a successful business organization.

The crafts and arts fair is getting bigger and better every year. If you have never seen these exhibits, you've missed seeing a very nice display of works of art by your own neighbors.

Gifts will be given to all who register, plus attendance prizes — about 50 in number — will be awarded at the end of the meeting.

All during the meeting, we'll have a drawing every 15 minutes from those on the registration list for \$25 credits on their next electric bill. The fourth and seventh drawing will be for a \$100 credit on your next month's electric bill. This could be your lucky night, so make plans now to attend.

The real purpose of the annual meeting, of course, is to give you the financial reports of the Cooperative, give you the chance to vote for three trustees to serve on the board of trustees that represents you as a member, to hear what plans are ahead for all of us and to voice your comments

and concern about matters pertaining to the Cooperative.

Don't do like so many people do and say: Oh well, let the other guy go, I'm not in the mood. It's your multi-million dollar organization and I would think you would want to know what's happened, what will happen and why.

I hope to see thousands of you there, if for no other reason than just to renew our acquaintanceship. It's been a long time since I've had the opportunity to visit and talk with some of you, and I would really welcome that chance once again, preferably at the annual meeting on March 20.

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475 North Main — P.O. Box 40  
Breese, Illinois 62230

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8:00 A.M. to 5:00 P.M.  
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### MANAGER

Robert W. Vander Pluym

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# Youth tour to Washington



Clinton County Electric Cooperative will once again sponsor two area sophomores or juniors on an all-expense-paid trip to Washington, D.C. on June 13-20.

#### WHO MAY ENTER

Any high school sophomore or junior attending one of the many high schools in the cooperative service area may enter. It is not necessary that the contestant's home receive electric service from the cooperative. Previous winners, immediate members of the families of our Board of Directors and employees of Clinton County Electric Cooperative, Inc. are not eligible.

#### BASIS OF SELECTING WINNERS

Contestants will submit any essay with the theme to be chosen by the cooperative. Essays will be typed on 8½ by 11 inch paper, double spaced, one side only. Essays must be post-marked or delivered to the cooperative office no later than March 31. Essays will be judged on originality, content, accuracy of facts and composition.

#### YOUTH TO SPRINGFIELD

A panel of three judges will choose five finalists. These five will participate along with more than 125 from other Illinois electric cooperatives in Illinois Rural Electric Youth Day in Springfield on April 23.

The day's activities will include touring the state capitol complex, visiting with legislators, and a luncheon in the students' honor. The two Washington tour winners will be picked from these same finalists.

#### DATES OF THE TRIP

The two local winners will join some 50 other Illinois students, winners of similar contests by other Illinois electric cooperatives, at Springfield on June 12. They will travel on air-conditioned buses, returning on June 20. They will visit such attrac-

tions as the White House, U.S. Capitol, Smithsonian Institution, Arlington National Cemetery, Lincoln Monument, Mt. Vernon, Gettysburg and many other national monuments and places of interest.

For complete details, contact the cooperative office in Breese.

Please send me information on "Youth to Washington" tour.

Name \_\_\_\_\_

Age \_\_\_\_\_ Phone \_\_\_\_\_

Parent's Name \_\_\_\_\_

Address \_\_\_\_\_

School \_\_\_\_\_

Class year (check one)

Sophomore  Junior

## Wiring requires attention

Have you given your electric wiring system any attention lately? Maybe you are one who believes the wiring will last forever. It may seem strange, but wiring deteriorates much like materials. Wiring requires maintenance and regular checking of physical conditions and electric loads sometimes require revamping of circuits or addition of new circuits.

The National Electric Code covers minimum specifications for safe installations of electric devices and wiring size requirements. A qualified electrician will know the electric code requirements and be able to give good advice and provide safe electrical installations.

Check for loose terminals and con-

nections. Connections have a tendency to loosen over a period of time, especially if the circuit is exposed to heavy usage. The heating up of wiring causes expansion and when cooling the wire contracts and this can cause loose connections.

A good place to check for loose connections is in the fuse panel or breaker panel. Before checking in this panel, make sure the **main breaker or main fuse is in off position.**

While in the panel, check for any discoloration and melting of the insulation on the wires. This is a sign of overheating of circuits and action needs to be taken to correct before other damage occurs.

### THOUSAND ISLAND DRESSING

- 3/4 cup mayonnaise
- 3 tablespoons milk
- 1 tablespoon chili sauce
- 1 tablespoon sweet pickle relish
- 1 hard-cooked egg, finely chopped
- 1 teaspoon garlic powder

Combine ingredients. Chill thoroughly. Serve on chef's salad or greens. Makes one cup.

### FRIED PIE CRUST

- 2 1/2 cups all-purpose flour
- 2 teaspoons baking powder
- 1/2 teaspoon salt
- 2 tablespoons sugar
- 1/2 cup shortening
- 1 egg
- 1 cup evaporated milk

Sift dry ingredients together. Cut in shortening. Beat egg with milk; add to dry ingredients. Knead out lightly and wrap tightly. Chill in the refrigerator. Roll dough thin. Fill with cooked dry fruits of your choice. Fry in cooking oil at 375 degrees.

### FRITO SALAD

- 1 head lettuce, torn in pieces
- 2 tomatoes, peeled & chopped
- 2 med. onions, chopped
- 1 10-oz. pkg. mild cheddar cheese chopped in pieces
- 2 cans red kidney beans, drained & rinsed
- 1/4 lb. bag Fritos, crushed
- 1 8-oz. bottle French dressing

Mix first five ingredients well. Just before serving add Fritos and dressing. Mix to blend ingredients.

### MARY'S POTATO CASSEROLE

- 2 lbs. frozen hash browns, defrosted
- 1/2 cup melted butter
- 1 teaspoon salt
- 1/4 teaspoon pepper
- 1/4 cup melted butter
- 2 cups crushed corn flakes
- 1/2 cup chopped onion
- 1 can undiluted cream of chicken soup
- 1 pint sour cream
- 10 oz. (2 cups) grated sharp Cheddar cheese

Defrost potatoes, combine in large bowl with melted butter. Add salt, pepper, onion, soup, sour cream, and cheese. Pour into greased casserole dish. Cover with corn flakes mixed with 1/4 cup of butter. Bake at 350 degrees for 45 minutes.

### MAKE AHEAD CHICKEN & RICE CASSEROLE

- 3 cups cooked rice
- 3 cups cooked chicken, chopped
- 1 small onion, chopped
- 1 2 1/2-oz. jar sliced mushrooms, drained
- 2 cups (8-oz.) shredded American cheese
- 2 cups milk
- 1 10 1/4-oz. can cream of celery soup, undiluted
- 1/2 teaspoon salt

Add all ingredients together, mixing well. Spoon into a lightly greased 3 qt. baking dish; cover and refrigerate for several hours or overnight. Remove from refrigerator; let stand at room temperature 30 minutes. Bake, uncovered, at 350 degrees for 45 minutes. Serves 6 to 8.

### CHEESE WAFERS

- 1 cup sharp cheddar cheese, grated
- 1/2 cup butter
- 1 3-oz. pkg. cream cheese
- 1 cup pecans, greted
- 1/2 cup flour
- 1/2 teaspoon salt
- 1/8 teaspoon cayenne pepper
- 2-3 drops yellow food coloring

Bring cheese and butter to room temperature. Cream together until fluffy. Add remaining ingredients and mix well. Shape into small balls. Place on ungreased cookie sheet; press with tines of fork. Press a small pecan half into center of wafer. Bake at 350 degrees for 15-20 minutes.

### MEXICAN RICE CASSEROLE

- 1 lb. ground beef, lean
- 1/2 cup bell pepper, chopped
- 3 cups onions, chopped
- 2 cups canned tomatoes, chopped
- Salt and pepper
- 2 6-oz. rolls Jalapeno cheese spread
- 1 teaspoon garlic, chopped
- 1/4 cup chili powder
- 1 teaspoon ground cumin
- 1 cup raw rice
- 1/2 lb. butter
- 1/2 cup greted American cheese

Brown meat, add onions and bell peppers and simmer 5 minutes. Add tomatoes, chili powder, cumin and salt and pepper to taste. Simmer until liquid is evaporated. Cook rice according to package directions. When cooked, add Jalapeno cheese and butter, stirring until well mixed. In an oven-proof casserole dish, layer half the meat mixture, top with all the rice and cheese mixture, then the remaining meat. Top with grated American cheese. Bake at 350 degrees until cheese melts. Serves 6 to 8.

### RICE AU GRATIN SUPREME

- 4 cups cooked rice
- 1/2 cup chopped onion
- 1/2 cup chopped green pepper
- 1/4 cup chopped pimiento
- 1 10 1/4-oz. can cream of mushroom soup, undiluted
- 1/2 cup salad dressing or mayonnaise
- 2 cups shredded cheddar cheese
- 1/2 cup milk
- 1 teaspoon salt
- 1/4 teaspoon pepper

Preheat oven to 350 degrees. Combine rice, onions, green pepper and pimiento in a large bowl. Blend soup, salad dressing, 1 cup grated cheese, milk and seasonings in a separate bowl. Stir into rice mixture. Pour rice mixture into a buttered shallow 2-quart casserole; sprinkle with remaining 1 cup cheese. Bake at 350 degrees for 25 minutes or until hot and bubbly. Serves 6.

### NASSI GOARENG (DUTCH RICE WITH PORK)

- 1 large onion, chopped
- 3 cloves garlic, minced
- 4 or 5 pork chops, cut up
- 1 pkg. thin-sliced ham (about 8-oz.) cut up
- 3 cups cooked rice
- 1/8 teaspoon Sembal (red pepper paste) OR 1/4 teaspoon crushed red peppers
- 1/2 teaspoon salt
- Black pepper to taste
- Peprike
- Small amount vegetable oil

In vegetable oil, saute' onions and garlic until clear. Remove fat and bone from pork chops. Cut meat into small pieces and add to onions and garlic. Stir in Sembal or red peppers, then salt, pepper and paprika. Mix well. Cook until pork is done. Cut ham into small pieces and add to meat mixture. Stir. When ham is thoroughly heated and mixed throughout, pour mixture in with cooked rice and mix thoroughly. Serve and enjoy!!

### SPICY SAUSAGE AND RICE

- 1 lb. bulk sausage
- 1 cup uncooked regular rice
- 1/2 cup diced onion
- 1 10-oz can Rotel diced tomatoes and green chilies
- 1 1/2 teaspoons Worcestershire sauce
- 1 1/2 teaspoons prepared mustard
- 1/2 teaspoon salt
- 1 cup water

Cook sausage, stirring while it cooks to crumble, til completely done. Drain and discard pan drippings. Return sausage to skillet; stir in rice and cook over low heat about 5 minutes, until rice is golden, stirring occasionally. Add remaining ingredients; simmer 30 minutes, covered. May need to be stirred once or twice. Serves 6.

### TAMI'S RUSH-HOUR RICE

- 1 cup uncooked parboiled rice
- 1 1/2 teaspoons salt
- 1 teaspoon black pepper
- 1 tablespoon minced onion
- 1 tablespoon Worcestershire Sauce
- 1 1/2 teaspoons ground cumin
- 2 tablespoons cooking oil
- 1 10 1/4-oz. can chicken broth
- 2 soup cans water
- 2 5-oz. cans boned chicken
- 1 16-oz. can mixed vegetables, undrained
- 1 can cream of chicken soup, undiluted

In large skillet, brown rice and seasonings in oil over medium heat, stirring occasionally. Add chicken broth and water. Cover and cook 30 minutes or until rice is tender and water is absorbed. Add chicken, vegetables, and cream of chicken soup. Mix well. Simmer 10 minutes, stirring occasionally. Serves 6-8.

### FROZEN FRUIT COCKTAIL

- 2 cans chunk pineapple, use juice
- 14 pears, fresh
- 14 peaches, fresh
- 2 cups nuts, pecans or walnuts
- 1/4 cup white corn syrup
- 1 tablespoon water
- 1/2 cup sugar to 1 quart fruit, (about 3 cups)
- 9 teaspoons Fruit Fresh, (add to sugar)

Cut up fruit in large bowl. Toss lightly with sugar mixture. Bag and freeze. You can add any fresh fruit.

### FROZEN CHOCOLATE VELVET PIE

- 2 egg whites
- 1/8 teaspoon salt
- 1/4 cup sugar
- 2 cups nuts, pecans or walnuts
- 1/4 cup white corn syrup
- 1 tablespoon water
- 1 tablespoon vanilla
- 1 cup semi-sweet chocolate pieces
- 3/4 cup chilled can sweetened condensed milk
- 1 1/2 cups heavy cream

Beat egg whites with salt to soft peaks, gradually beat in sugar. Beat stiff, add nuts. Spread over bottom and sides of greased pie plate. Make rim about 3/4-inches high. Bake at 400 degrees for 12 minutes. Cool. Bring corn syrup and water just to a boil. Remove from heat, stir in vanilla and chocolate. Cool. Reserve 2 tablespoons. Pour rest in large bowl with milk and cream. Beat at medium speed until it stands at soft peaks. Pour into cool pie crust. Firm in freezer unwrapped. When frozen pipe reserved chocolate in lattice designs. Freeze until ready to serve. Will keep about 3 or 4 months.

### BROWNIES

- 2 sticks butter
- 4 eggs
- 2 cups sugar
- 1 cup flour
- 1/4 cup cocoa
- 1 teaspoon vanilla
- 1 cup pecans

Melt butter in brownie pan. Mix eggs, sugar, flour, cocoa and vanilla. Add melted butter and pecans. Pour back into pan and cook at 350 degrees for 30 minutes. Do not cut while hot.

### MILLIONAIRES

- 1 14-oz. pkg. caramels
- 2-3 tablespoons milk
- 2 cups pecans
- 1 6-oz. pkg. semi-sweet chocolate chips
- 1/2 block paraffin

Melt caramels and milk in top of double boiler. Beat 2-3 minutes. Add pecans and drop on wax paper. Melt chocolate chips and 1/2 block paraffin. Dip caramel-nut drops into chocolate mixture and return to wax paper.

### MAGIC MUFFINS

- 1/2 cup margarine or butter
- 1/3 cup firmly packed brown sugar
- 3 qts. hot popped popcorn (about 1/2 cup unpopped)
- 1 cup pecan halves or pieces

Preheat oven to 350 degrees. Cream butter and brown sugar together in large bowl. Pop corn and mix with creamed butter-sugar. Add nuts. Spread in a 15-by-10-by-1-inch jelly roll pan. Bake 8 minutes. Cool in pan. Yield: 3 qts.

### PUMPKIN BARS

- 2 cups sugar
- 2 cups all-purpose flour
- 2 teaspoons baking powder
- 1 teaspoon soda
- 1/2 teaspoon salt
- 2 2 teaspoons ground cinnamon
- 3/4 cup corn oil
- 2 cups cooked, mashed pumpkin or 1 16-oz. can pumpkin
- 4 eggs

Combine first 6 ingredients. Add oil, pumpkin, and eggs; beat 1 minute at medium speed of electric mixer. Spoon batter into greased 15x10x1-inch jelly roll pan. Bake at 350 degrees for 20 to 25 minutes. Let cool completely. Frost with fluffy cream cheese frosting. Cut into bars. Makes about 3 dozen.

Fluffy Cream Cheese Frosting:  
 1 3-oz. pkg. cream cheese, softened  
 6 tablespoons margarine, softened  
 1 tablespoon orange juice  
 1 teaspoon vanilla flavoring  
 2 cups powdered sugar

Beat cream cheese and margarine until light and fluffy. Add orange juice and vanilla. Mix well. Gradually add powdered sugar, mixing until light and fluffy.

# Clinton County Electric News

Clinton County Electric Cooperative, Inc.  
Breese, Illinois

618-526-7282



## Across the Manager's Desk

by  
Robert W. Vander Pluym

### Area meetings

Attendance at the five area meetings we held during January broke all previous attendance records. The board of trustees and I would like to take this opportunity to thank all of you who attended one of these meetings. Questions raised were very good and, yes, we do hope we answered all of them as expected. I really felt so very good about all the meetings because of the interest shown by our members. It's only by asking that we can find answers to our questions, and many questions were presented. Personally, I always did believe that the Clinton County Electric Cooperative was one of the very best in the state and you helped me prove that once again with the large attendance at all the area meetings.

We appreciate all the good comments we received from our members after the meetings and will try even harder to make next year's meetings even better.

### Annual meeting

The annual meeting of members is scheduled for Thursday, March 20, at 7:30 p.m. at the Central High School in Breese. We hope our entire membership family will support the Cooperative again and make an all-out effort to attend this very important meeting. It's your business, owned and controlled by you, the member, and because of this I believe all of you should make that little extra effort to attend.

In addition to the big arts and crafts fair, we'll have a new attraction this year. We're working with our local hospital and, if all works as planned, we'll offer free blood pressure tests to all who attend. This

is new, and we believe it will be well-received. After all, we should all have our blood pressure checked regularly. Maybe we'll even have other attractions, too, that are not finalized as of this date.

Capital credits checks will be distributed at the meeting. The checks will be for credits accumulated during the years 1964 and 1965. If you were receiving electric service during any part or all of those two years, you should have claim to a check. Your Cooperative will now be on a 20-year capital credits pay-out cycle, and we will try to maintain this pay-out cycle from this year forward.

### Water heaters

Be sure to read all about our new water heater promotion printed elsewhere in this section. This program seems to be one of the very best we've ever offered the members. More programs such as the water heater promotion will follow at some later date.

### Rate adjustment

As we mentioned at all the area meetings in 1984, 1985 and 1986 and at the annual meetings during those same years and also in this center section, the rates will be adjusted again, on May 15.

The increase will not be as large as previous increases and much less than the rumors predict they'll be. A rate study is being done now and, after about four weeks, we'll have more definite information on just what the increase will be. We'll keep you informed.

The rate plan that we adopted, upon request of those who attended the area meetings in 1985, has been put into effect. It's a good plan and

working well. With your continuous input, we'll remain a successful organization.

## Survey cards

Once again, if you did not return the survey card mailed to you in January and you still have it where you can find it, please return it today. We need the survey card to up-date our records. If you've lost the card, please let us know and we'll mail you another. Yes, it is important to have your records correct and, if you didn't return the card, we'll never know.

Something we hope all of you remember is that the Cooperative does retire capital credits to settle an

estate. For example: John Jones and Corrie Jones signed a joint membership in 1975 and John passed away in 1985. When Corrie Jones wants to settle the estate, she should present the Cooperative with this information and ask for a "request for return of capital credits" form to settle an estate. After this form is completed and notarized, she presents it to the Cooperative, which then gets board action on the return of John's share, or half of all credits accumulated while John and Corrie were living and receiving electric service from the Cooperative. Are you eligible for such a settlement today? Again, we'll never know, unless you return the survey card.

## Clinton water heater program

Clinton County Electric Cooperative has launched a new water heater program that will be of interest to a number of our members.

The intent of the water heater program is to limit peak demands, maintain system load and, in turn, stabilize electric rates. Another goal is to encourage the purchase and use of energy-saving electric water heaters by the Cooperative members and to encourage the use of additional electricity in an efficient manner.

### HOW DOES THIS PROGRAM WORK?

1. To limit our peak demand, the Cooperative will turn off the member's water heater for two hours in the morning, 7 a.m. to 9 a.m. and then again for two hours in the evening, from 5 p.m. to 7 p.m.
2. Members with existing electric water heaters (40 gallon minimum) can also participate in this program by purchasing a control time switch for \$15, plus tax.
3. The Cooperative will sell to the member an A. O. Smith "Energy Conservationist" 52-gallon electric water heater, plus a White-Rodgers Model No. 2483-G2 energy-saving time switch for \$75, plus tax. The Cooperative also sells an 80-gallon A. O. Smith water heater plus a White-Rodgers time switch for \$100, plus tax.
4. Pick-up of the water heater at the Cooperative office and installation

of the water heater will be at the member's expense, including plumbing, electrical work and disposal of the heater being replaced.

5. The member agrees to install and operate this water heater as the main source of hot water for a minimum of five years at a location served by the Clinton County Electric Cooperative. If this condition is not met, the member will be required to pay the full retail price for the heater.
6. This water heater is covered by a manufacturer's warranty for 10 years on the tank only, and one year on all other parts. This does not include labor. The time switch is also covered by a one-year warranty for manufacturer's defect. The Cooperative will maintain a supply of parts and keep a record of the warranties for both the water heater and the timer.
7. In case the interested member is a tenant, the homeowner must sign water heater agreement and be held responsible for terms of agreement.
8. If a Clinton County Electric employee determines that proper installation requirements are met, the member will receive an \$8 per month credit on his electric bill, effective the month following Cooperative inspection. (Remember: the kilowatt-hours shown on your bill are from the previous



# What you told us about water, space heating

month's usage.) This credit will be guaranteed for a period of five years. The Cooperative reserves the right to perform periodic inspections for verification of timer and timer settings.

9. The member agrees to allow the Cooperative to interrupt the water heater load for a minimum of two

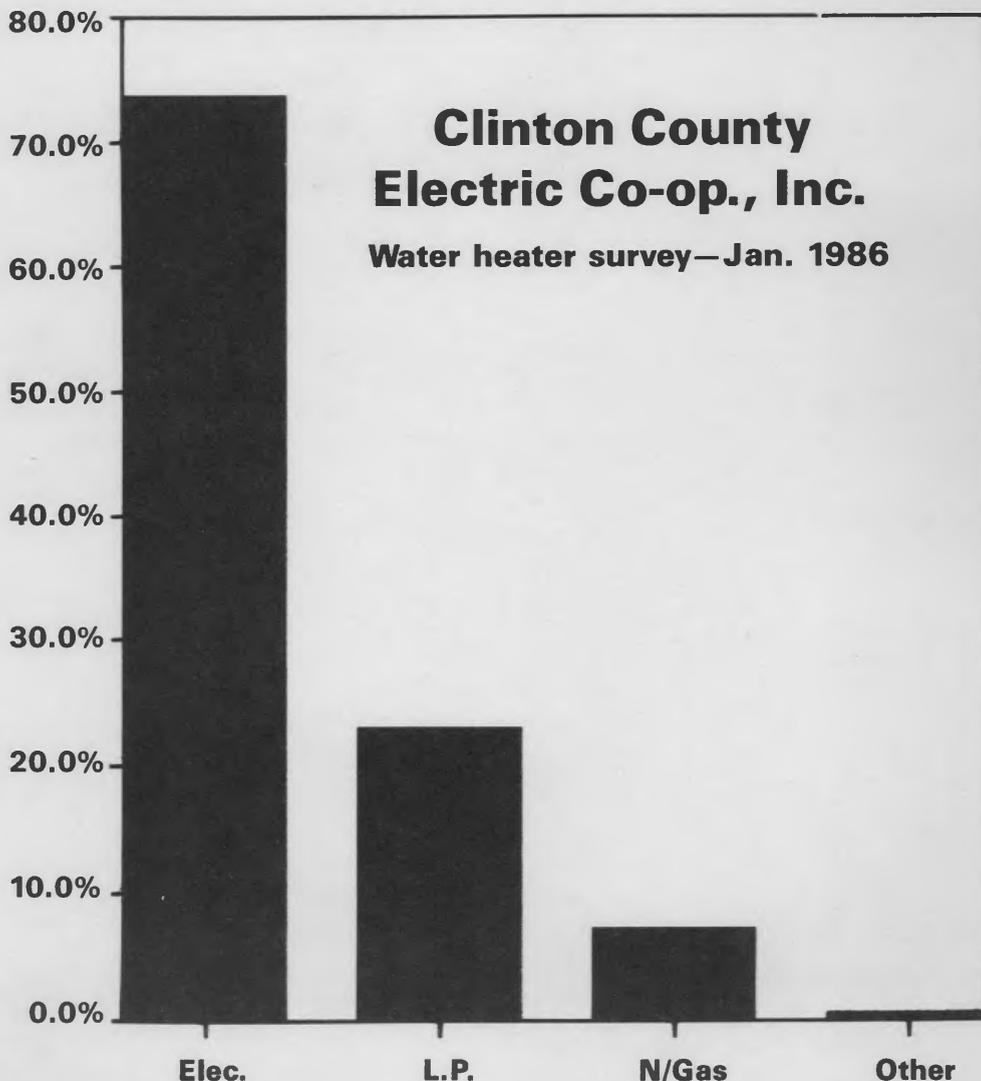
hours and a maximum of four hours. Due to possible changes at the Cooperative's co-incidental system peak, Clinton County Electric Cooperative reserves the right to make changes in the control device and the control time switch.

The following information deals with responses to our survey cards about water and space heating by Clinton County Electric Cooperative members.

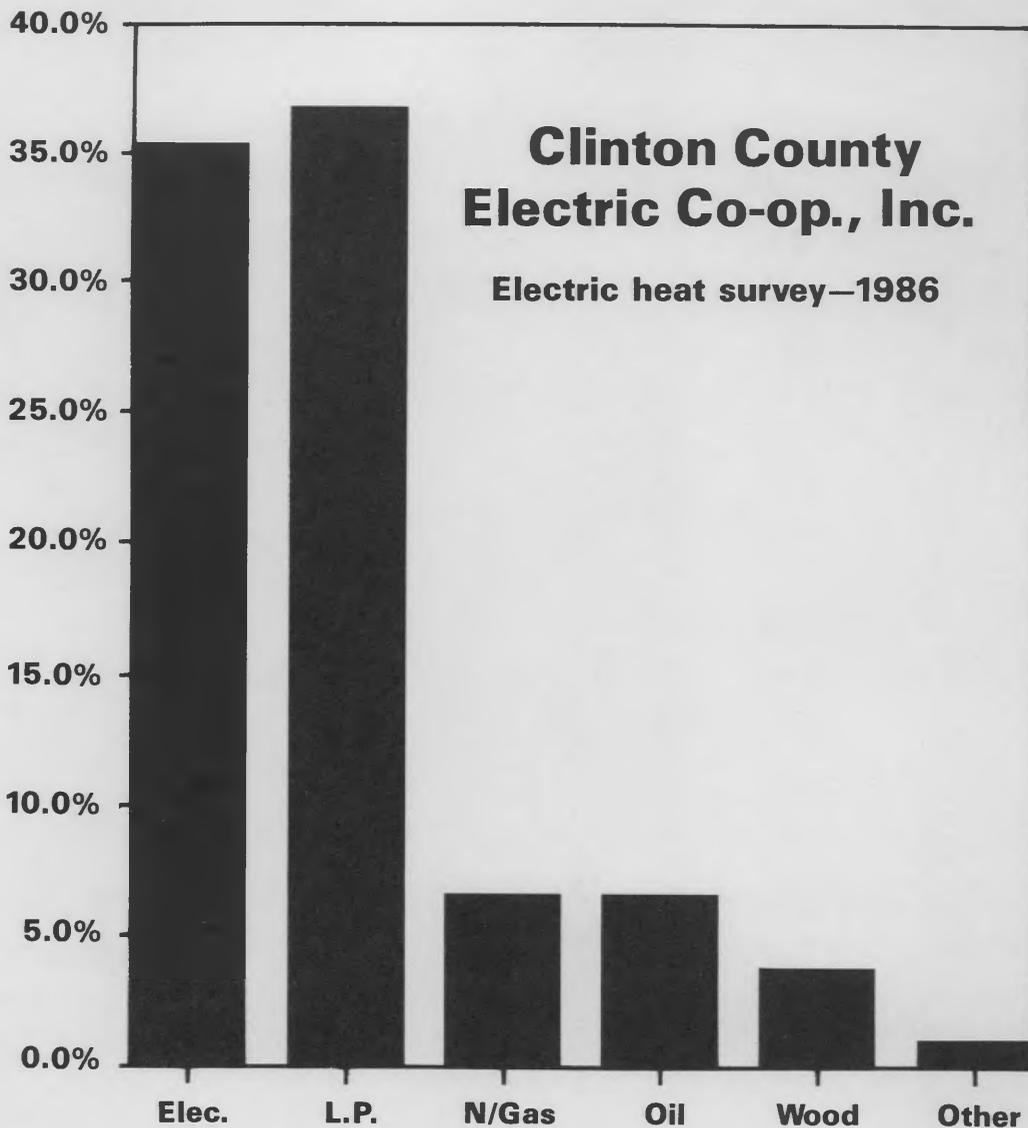
Of the 3,718 cards mailed out, 50.9 percent were returned.

1. Of the 1,892 cards returned, 16 percent, or 296 members, requested a membership change, either a change of address or an actual change in their membership status.
2. Water Heater Survey
  - A. 73.6 percent stated they had

- electric water heaters
  - B. 23.0 percent have LP gas water heaters
  - C. 7.0 percent have natural gas water heaters
  - D. 0.6 percent heat their water by wood, oil or some other means.
3. Only 27 percent, 435, of the membership who answered the survey indicated they were interested in the water heater program. 30 percent stated they were not interested.
  4. Electric Heat Survey



- A. 35.4 percent have electric heat
  - B. 36.8 percent have LP gas heat
  - C. 6.6 percent heat their homes with natural gas
  - D. Another 6.6 percent use oil to heat their homes
  - E. 3.7 percent use wood only to heat their homes
  - F. 15 members use some other means of heat
5. Only 3.9 percent stated they have switched from electric heat to an alternate fuel, but 6.6 percent stated they use another source of heat to supplement their existing electric heat.



### Water heater program popular



The Cooperative has been deluged with requests for water heaters, timers and additional information since the first of the year when the water heater program went into effect.

We have currently sold 101 timers for installation on existing water heaters; 45 52-gallon water heaters plus time switch, and 23 80-gallon water heaters with time switch.

As of this publication there have

been no complaints or adverse comments received regarding the times that the time switch is turned off. Apparently, most people are willing to alter their lifestyle somewhat in order to help the cooperative and also to save some money.

Because of the large amount of participation in this program, we do have a backlog of check-visits to be made. Please be patient and bear with us.

# Farm Materials Handling Show

Interested visitors, another large turnout of exhibitors and the excellent facilities of Rend Lake College combined in March to make for another successful Southern Illinois Farm Materials Handling Show.

Though the number of persons attending the three-day show was down somewhat from previous years, many exhibitors considered the crowd to be one of "quality rather than quantity." Show officials said visitors who turned out expressed a high level of interest in the exhibits and that attendance is expected to pick up as the rural economy regains strength and the show becomes more well-known in the new area (Rend Lake College is located about 12 miles south of Mt. Vernon, alongside Interstate 57). This is the second year for this site.

Some 54 businesses and organizations placed exhibits in this year's show, down 10 percent from the



The Illinois Farm Electrification Council exhibit is a show tradition and attracts a large number of visitors.

record number of 60 exhibitors several years ago.

Dates for the 1987 show were set for Tuesday through Thursday, March 9-11, at Rend Lake College. Royce

Carter of Wayne-White Counties Electric Cooperative, Mt. Vernon is exhibit chairman. Some eight Southern Illinois electric cooperatives help plan and produce the show.

**"Easy to Use!"**

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# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS



*Alfred Woltering of Breese (front left) welcomes his successor, Richard S. Timmerman of Germantown, to the board after the cooperative's annual meeting March 20. Woltering did not seek reelection. Standing behind Woltering and Timmerman are, from left, Joseph A. Voss of Carlyle, Irvin W. Wessel of Centralia, and manager Robert W. Vander Pluym.*

## Report on your annual meeting

Two incumbents were reelected and a newcomer elected to the Clinton County Electric Cooperative board of trustees March 20 during the cooperative's annual meeting. More than 650 members of the cooperative and guests attended the meeting at Central Community High School in Breese.

Incumbent trustees Irvin W. Wessel of Centralia and Joseph A. Voss of Carlyle and newcomer Richard S. Timmerman of Germantown were elected unanimously to three-year terms on the board. Timmerman replaces cooperative vice-president Alfred Woltering of Breese, who did not seek re-election. Woltering served on the cooperative's board of trustees since 1968.

The cooperative honored two Clinton County Electric "pioneers" during the meeting. Martha Holtgrave of Breese, a board member from April of 1939 until 1942 and secretary-treasurer on the original board of trustees,

and Grace Johnson of Mt. Vernon, trustee from April of 1939 until 1946, were honored as "pioneers" of Clinton County Electric Cooperative.

"We honor both of these pioneers during the 50th anniversary of the Rural Electrification Administration," said cooperative manager Robert W. Vander Pluym. "Without people like Martha, Grace and others, we might still be living in the dark."

In his report to the members, Vander Pluym said that Clinton County Electric's power supplier, Soyland Power Cooperative, has gained ownership and control over power supply facilities. Because Soyland has arranged to purchase wholesale power on an "as-if-owned" basis from Illinois Power Co. and Central Illinois Public Service Co., Clinton has been able to develop special rates and marketing programs to benefit all cooperative members.

The cooperative announced that its

new water heater program, offering a 52-gallon "energy conservationist" electric water heater and time switch control for \$75, has been well received by the members. The time control will work to limit the cooperative's peak load demand, and will turn off the member's water heater from 7-9 a.m. and 5-7 p.m., during peak load periods.

Any members who take advantage of the program will receive an \$8 monthly electric bill credit. The credit program is guaranteed for five years.

The cooperative is also considering dual fuel heating and other programs which can help members save while taking advantage of efficient electric energy, the cooperative manager said.

All cooperative members, even those who don't participate in the special programs, benefit from them as the programs help to increase off-peak energy sales while controlling the peak load demand, resulting in lower overall

costs for all members.

Vander Pluym urged the members to keep in contact with cooperative trustees and employees, and to share ideas and complaints. "We know that you people out there have a lot of good ideas," said Vander Pluym. "And we need to hear those good ideas."

Cooperative president Wilbert H. Rueter of Carlyle thanked the members for the excellent attendance at the annual meeting and during area member meetings.

"This is what I call real cooperation. I hope we can keep this up at all times," said Rueter.

Cooperative trustee Kenneth Heinzmann of Carlyle, Clinton County's representative on the Soyland Power Cooperative board, reported on Soyland's efforts to provide wholesale power at a reasonable rate. Heinzmann said Soyland will provide "a very reliable power supply" through the mid 1990s.

Heinzmann said Soyland is attempting to restructure its debt with the Rural Electrification Administration, in order to restrain rising wholesale power costs. "I can assure you that we are striving to hold your power costs down."

Following the annual meeting the board met in reorganizational session and reelected Rueter as president. Heinzmann was named vice president and James Klingelhofer of Mascoutah was elected secretary-treasurer.

A blood pressure screening was also provided to the membership at the annual meeting. The Cooperative owes a special thank-you to registered nurse Ceal Tschannen for coordinating the screening and to Joann Venhaus for assisting in this activity. Both of these ladies are nurses at St. Joseph's Hospital, Breese.

The Health Occupations Students of America (HOSA) organization of Central High School also lent a hand in the testing. HOSA members strive to serve community health needs by sponsoring blood pressure screenings. Central students who assisted at the annual meeting were: Jennie Atwater; Colleen Kleiboeker; Cheri Voss; Tina Schleper; Patty Wuest; Kim Hegger; and Jan Rittenhouse, health occupations instructor at Central High School.

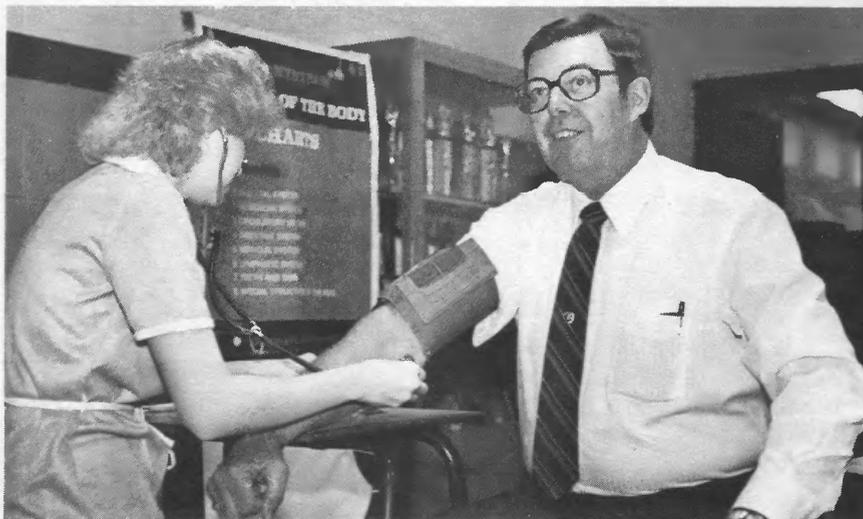
April 1986



*The craft show drew considerable interest.*



*More than 650 people turned out.*



*Board president Wilbert Rueter has blood pressure checked. This test was available to all who attended the meeting.*

# MISSING



**DANYEL LOU SPARPANA**

LAST SEEN: 11/2/85 EYES: Blue  
 FROM: Woodland, CA HEIGHT: 3'  
 DOB: 6/23/82 WEIGHT: 40  
 WHITE FEMALE HAIR: Blonde



**KELLY HOLLAND, JR.**

LAST SEEN: 2/13/82 EYES: Blue  
 FROM: Larkslane, KY HEIGHT: 4'  
 DOB: 11/17/75 WEIGHT: 60  
 WHITE MALE HAIR: Brown

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

**1-800-843-5678**  
 (sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

## -Safety Tip of the Month-

Make a mental note of the clothes your child wears EVERY DAY. Avoid putting your child's name on clothes or bags. Children may respond to a dangerous person who calls them by name.

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Address \_\_\_\_\_

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# Legislators to agriculture leaders: we're working to help

Much of the Illinois agriculture economy is on shaky ground, but the Illinois Legislature is working to change that, those attending the Illinois Agriculture Legislative Breakfast were told.

The gathering, held April 5 in Springfield, is an annual event that provides an opportunity for members of the state's agriculture commodity groups to visit with their lawmakers. Some 60 farm-related organizations, including the Association of Illinois Electric Cooperatives, sponsored the event.

With the farm economy in the doldrums, many legislators had a chance to hear from the people back home, and the speakers, each of whom spoke briefly, told their audience that they are aware of the problems on the farm and are working diligently to help solve them.

Governor James R. Thompson noted that his administration is continuing its efforts on behalf of the state's premier industry, pointing out that foreign compe-

titution is rough and getting worse.

"Illinois farmers face the latest technology from across the seas. Some of the competition we face now is a result of aid we've sent to other countries, or it comes from countries we used to export to. They now have the advantage of cheap land, cheap labor and shorter distances to transport their goods.

"While the deck seems stacked against Illinois agriculture — and other American farmers — we cannot just give up.

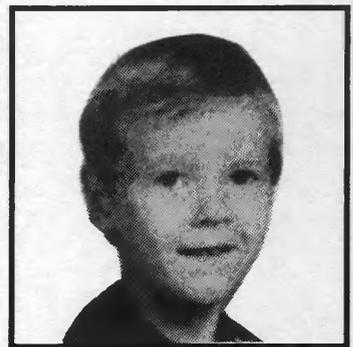
"We can't just abandon our efforts. We need to keep our Food for Century III efforts going, to find new ways to add value to our products, through processing, before we ship them. And we need to develop better seed and new crops. If we can't do anything to raise prices, maybe we can do something to lower costs. When you visit with your legislators, be sure to thank them for their support — they really deserve it," the governor concluded.

## MISSING



**CHRISTI DIANNE PROCTOR**

LAST SEEN: 2/15/86 EYES: Blue  
FROM: Dallas, TX HEIGHT: 4'10"  
DOB: 2/29/76 WEIGHT: 75  
WHITE FEMALE HAIR: Brown



**JEREMY JAMES GRICE**

LAST SEEN: 11/22/85 EYES: Blue  
FROM: Bath, SC HEIGHT: 3'8"  
DOB: 5/12/81 WEIGHT: 40  
WHITE MALE HAIR: Blonde

If you can identify these or any other missing children, call The National Center for Missing and Exploited Children at:

**1-800-843-5678**

(sightings only)

This message is brought to you as a public service by Association of Illinois Electric Cooperatives, in cooperation with National Child Safety Council.

### -Safety Tip of the Month-

Be sure your child knows what to do if you became separated. If separated while shopping, your child should not look for you, but go immediately to the nearest clerk and ask for assistance.

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If you want to personally help end this national tragedy, or need additional information, please call:

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# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
**Robert W.  
Vander Pluym**

The all-new, closed-loop electric heat pump is one of the most economical operating heating and cooling units on the market today. Check this unit out if you're planning to install either a new heating and cooling unit or if you're planning to add a unit to your present system.

The third phase of the planned rate adjustment becomes effective May 15.

Meter reading dates will probably change to the first of each month sometime this year. This needs to be changed from the 15th because our wholesale power supplier (Soyland) reads our substation meters at the end of each month and bills us accordingly.

Some 38 dairymen now on our lines will quit the dairy business within the year, going out under the government dairy buyout program which allows those to quit who bid \$22.50 and under. This will be a big loss in kilowatt-hour sales for the Cooperative. I have an idea that those still in the dairy business will get bigger and bigger, accomplishing nothing with the program.

Delinquent accounts are causing us lots of problems. We're also experiencing more bankruptcies and seeing more members just moving away without making any attempt to pay their past-

due accounts. Deposits will be larger on rent homes in the future and landlords will be requested to have service put in their names where we have experienced problems with collections.

Also in the future, we'll start disconnecting just as soon as the member is one month in arrears. We've heard every sob story in the book and can't listen to any more of them, because 99 percent of them are just not true.

The water heater program is doing much better than expected. We suggest you take advantage of this promotion and get an \$8 credit on your monthly electric bill.

Time-of-day metering will be available when the new rate schedules become effective May 15. This will allow the member to use electricity during the time of day when the kwh's are cheap or during peak hours when kwh's are more expensive. This will be on a voluntary basis, and not compulsory, but if you agree to the rate you will be required to stay with it for a certain length of time.

Do you still remember, during the past, and possibly for some 35 years, when the Cooperative's electric rates were much lower than the other electric utilities in this area? Did we forget? We'll be very competitive again someday very soon. Their day is still coming.

Soyland? Why Soyland Power Cooperative? We needed a power supplier when we were told in the early 1970s that Illinois Power Company could and/or would no longer supply us with electricity because they didn't have the capacity. We have the capacity now, through Soyland, and we believe that in the years ahead we'll once again have rates that are competi-

tive with private utilities' and municipalities' rates.

Is electricity really expensive? Did you know you can use a one-horsepower electric motor continuously for one full hour (for pumping water, grinding, elevating, cooling, heating, etc.) for just one kwh? This would cost you about 10 cents.

Is your membership signed correctly? If you want a joint membership, both husband's and wife's signatures are necessary on the membership.

Dual fuel electric rates will also be available within a few months.

We need your cooperation now more than ever before. Help us get through these few tough years. With your help, we will succeed.

### CLINTON COUNTY ELECTRIC COOPERATIVE, INC.

475 North Main - P.O. Box 40  
Breese, Illinois 62230

#### Office Hours

8:00 A.M. to 5:00 P.M.

Monday through Friday

Phone for 24-hour service - emergencies  
only - after 5 p.m. and weekends. Call  
- Area Code 618/526-7282

#### MANAGER

Robert W. Vander Pluym

#### BOARD OF DIRECTORS

Dist. 1 - Wilbert H. Rueter, President,  
R.R. 4, Box 45, Carlyle, IL 62231

Dist. 1 - Kenneth Heinzmann, Vice-  
President, R.R. 1, Sandoval, IL  
62282

Dist. 3 - James Klingelhofer, Secretary-  
Treasurer, R.R. 1, Box 126, Mascoutah,  
IL 62258

Dist. 1 - Irvin W. Wessel, R.R. 4, Cen-  
tralia, IL 62801

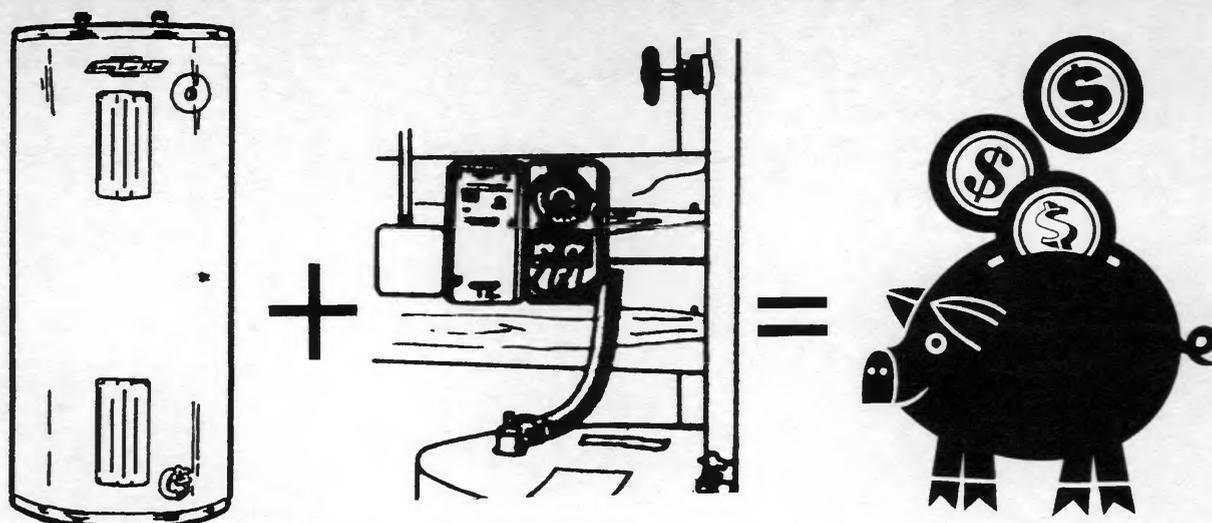
Dist. 2 - Marcellus Huelsmann, R.R. 2,  
Box 113, Carlyle, IL 62231

Dist. 2 - Jos. A. Voss, R.R. 2, Box 175,  
Carlyle, IL 62231

Dist. 3 - Richard L. Haas, R.R. 2, Box  
76A, Trenton, IL 62293

Dist. 2 - Cletus Tebbe, R.R. 1, Box 67,  
Breese, IL 62230

Dist. 3 - Richard S. Timmermann, R.R.  
1, Box 302, Germantown, IL 62245



## Enthusiastic response to water heater program

The water heater program is in its fourth month and many Clinton County consumers have enjoyed an \$8 credit on their electric bills for the second time; others for the first time. Still others are waiting for Clinton County Electric personnel to check the installation and then they, too, will see an \$8 reduction on their next month's billing. If you are one of those who are waiting for us to check and verify your installation, please bear with us. Response to this program has exceeded our expectations and we have fallen a bit behind. At times we do have a backlog of inspections to be made, but please be patient with us, we are catching up.

We don't want you to miss out on saving almost \$100 per year on your electric bill! There's no gimmick — no catch! All you have to do is stop by the Cooperative office and talk to one of our Member Service personnel. They'll be happy to answer any questions you might have.

Basically, you must decide whether your family needs indicate a 52-gallon (\$75 plus tax) or an 80-gallon (\$100 plus tax) water heater. These prices include the time switch. For those of you who already have a fairly new water heater, you can install just a time switch (\$15 plus tax) on your existing water heater and still be eligible for the \$8 per month credit. In either case, you will be given an agreement to sign which states that you agree to install a timer on your water

heater for a minimum of five years and the Cooperative, in turn, agrees to give the \$8 per month credit for a minimum of five years.

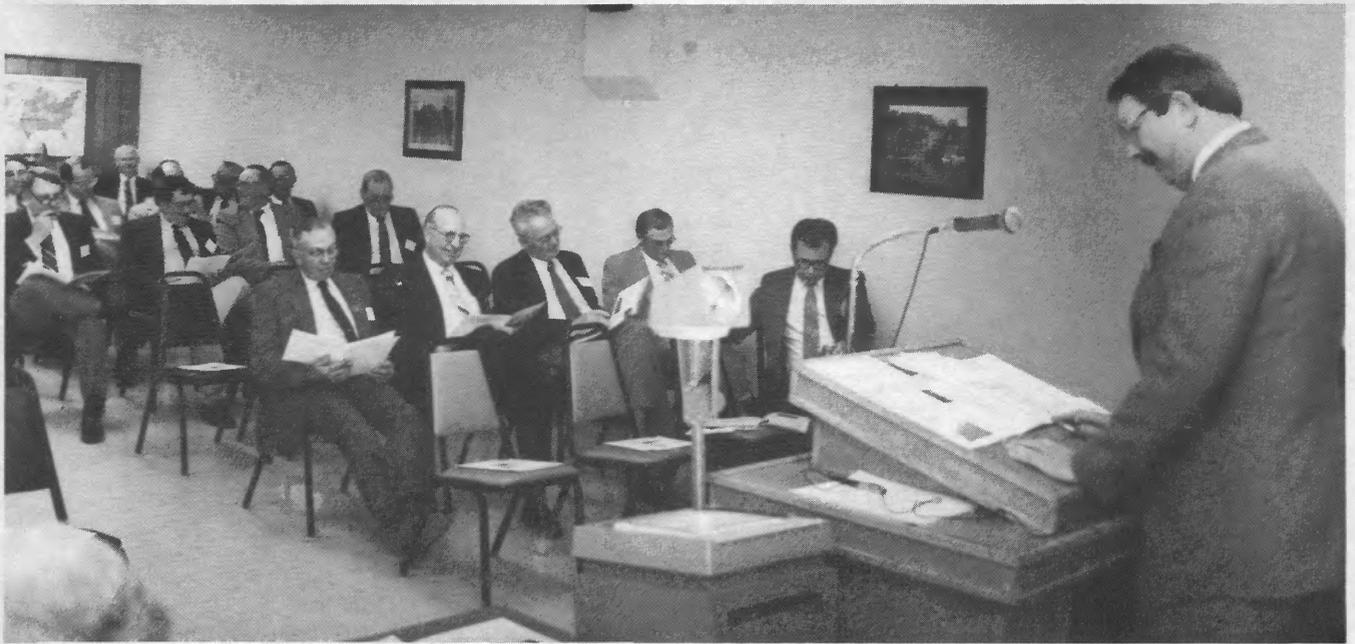
The purpose of the time switch, of course, is to limit our peak demands; therefore, the timer is set to turn off your water heater between 7 a.m. and 9 a.m. and 5 p.m. and 7 p.m. Central Standard Time.

When you come in to the office, a Member Service representative will walk you through the simple step-by-step instructions for installing the time switch and, if you buy a water heater, we will help you load it onto your truck.

No catches — no gimmicks — but you will save almost \$100 a year by signing up for this program!



*Five outstanding area students took part in the "Illinois Rural Electric Youth Day" activities Wednesday, April 23, in Springfield, where they toured the State Capitol, Lincoln sites and other points of interest. They are pictured above while on the tour. Seated are Michelle Obermeier, left, of Centralia, and Melanie Steinkamp of Carlyle. Standing from left are John Kruger of Carlyle, Harry Buller of Breese, chaperone, Dan Mondt of Germantown and Dale Kellerman of Carlyle. The group was joined by about 100 other students from throughout the state on the tour. They were sponsored by Clinton County Electric Cooperative.*



Above: Representatives of the three member-systems of SIPC follow in the annual report as treasurer Harold I. Dycus makes his report. Below: David Ramsey (left) of Omaha talks with Brandon Jackson, REA general field representative.

# Another good year for SIPC

Use of electricity throughout the three member-systems of Southern Illinois Power Co-operative (SIPC) was up by 4.1 percent in 1985, the greatest year-to-year increase since 1978.

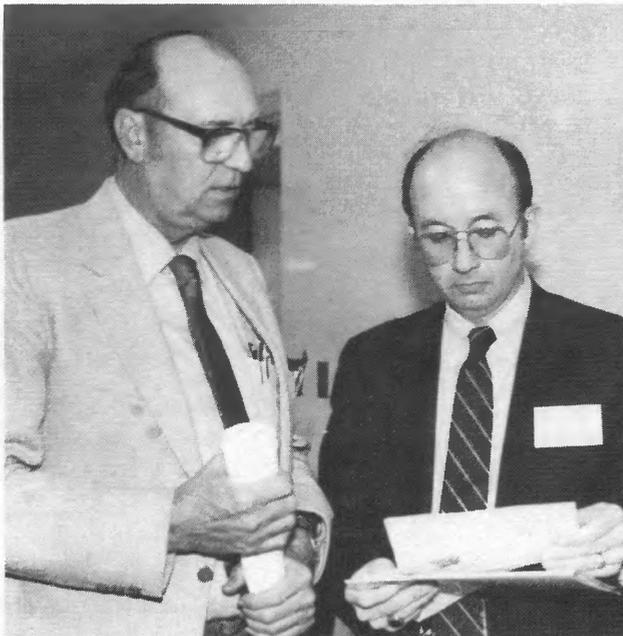
Reporting to representatives of the member-cooperatives during SIPC's annual meeting March 27 at the Lake of Egypt headquarters

near Marion, officers and management said the total sales to member-cooperatives exceeded 700,000 megawatt-hours (mwh) for only the second time in the cooperative's history. Board president Guy Casper of Cypress and executive vice president and general manager Jim Chapman said in their combined report that 1985 sales totalled 701,264 mwh compared to 1980's record of 702,178.

"The year 1985 was another good year for Southern Illinois Power Co-operative," they said, noting that 1985 marked the third consecutive year in which purchases by the three member-cooperatives had increased, following slight decreases for two years.

The three member-systems of SIPC are Egyptian Electric Co-operative Association, Steeleville; Southeastern Illinois Electric Co-operative, Eldorado, and Southern Illinois Electric Co-operative, Dongola. They serve about 37,000 meters in a block of 19 Southern Illinois counties.

In 1985, the cooperative continued to purchase coal at a price



# Clinton County Electric News

Clinton County Electric Cooperative, Inc.  
Breese, Illinois

618-526-7282



**Across the  
Manager's Desk**  
by  
Robert W. Vander Pluym

## Meter testing

About 1,000 electric meters will be tested this year by the Kerans Meter Testing Co. of Wayne City and the Electric Lab and Sales Corporation of Mattoon. Each year we try to test about that many meters so that all meters will be tested at least once every five years.

The vehicles these companies use will be identified with our signs and, if you would want further identification, ask them for their ID card, or call our office at 526-7282.

## Items of interest

Your Cooperative still has some 200 miles of distribution line with very light conductor in its service area that needs to be replaced in the next five years. This is in addition to the many, many miles that we've already replaced during the past 10 years.

Budget billing is available. Check

with the office personnel for further information.

We need your comments on the following:

Would you have any objections if the Cooperative would change the present meter reading and bill due dates to the first and 10th days of each month; or would you prefer the Cooperative keep the meter reading and bill due dates at the present 15th and 25th day of each month?

One reason for thinking about such a change is because Soyland, our power supplier, reads the Cooperative substation meters on the 30th or 31st day of the month. By changing the meter reading dates, our kilowatt-hour purchases and sales would then be for the same month or period of time, giving us a better handle on line losses etc. It would also help those on fixed incomes who receive one check at the end of each month.

Let us hear your comments.

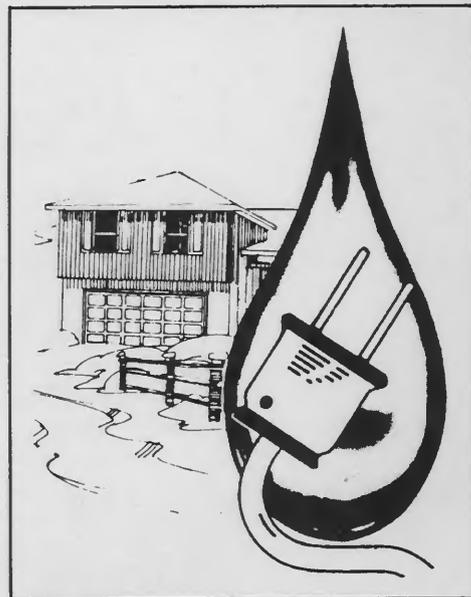
## Heat pump also a 'cool pump'

When you install a money-and-energy-saving heat pump, you also get a "cool pump." You can enjoy the luxury of air conditioning without having to buy an extra piece of equipment which you use only for several months a year.

With an add-on heat pump, with an oil, gas or LPG furnace as backup, you should realize a considerable savings each year in fuel costs. And, you can save a sizeable part of the cost through an incentive program implemented by Clinton County Electric Cooperative, Inc. You may also qualify for additional savings on the kilowatt-hours you use for heating or cooling with your heat pump. Ask your Cooperative for details on this double-incentive dual fuel program.

If you're thinking about switching

to dual fuel, you can enjoy air conditioning now — energy savings later. Think Cool!





## Hempens install new energy-saving heat pump

Above, Alfred Toennies, left, who installed the system, points out a feature of the Water Furnace heat pump to Joanne and John Hempen. At right, Randy Toennies holds a coil of pipe ready to go in a trench, while Mark Toennies runs the trencher.

The term "closed-loop ground-water heat pump system" isn't exactly a household word in this part of Illinois, but Clinton County Electric Cooperative is working on changing that, and so are several installers.

John and Joanne Hempen, who live about six miles north of Carlyle, are helping, too. They co-hosted a field day at their new two-story home May 20 to help acquaint area people with the "new" technology that should enable them to heat their 1,630 square foot home for about \$400 a year, or about \$260 if they decide to insulate their basement.

As a bonus, they should also see a hefty reduction in the cost of their domestic hot water. "The system saves most during the summer and winter, when the unit is heating or cooling," says John Winter, member service staking engineer for Clinton. "We expect their hot water to be about free during the summer, and some 40 percent cheaper during the winter."

The combination heating-cooling system, which is just now becoming

popular in America, has been in use for many years in Europe, where energy costs have been high all along. It is well-proven in areas where winters are rough and electricity is expensive.

Regular air-to-air heat pumps were promoted in the Midwest a couple of decades ago as a means of heating homes, and they did not live up to expectations, for two reasons. First, units on the market then were simple air conditioners whose functions could be reversed — they'd pump heat out of your house in the summer, and pump heat in during the winter. But a heat pump, to do the job right, needs to be more robust than a cooling-only air conditioner, and there were many equipment failures years ago.

Another reason for their poor showing had to do with the bitterness of the Midwestern winters. While a heat pump can do an amazingly good job of pulling heat out of cold air and concentrating it to warm your home, it needs something to work with. At 40 degrees F or so, an air-to-air heat pump would do a bang-up job for you. At 20 degrees, it isn't exactly a bargain, and as the temperature plummets, things get worse.

Closed-loop groundwater heat pumps were designed to correct these problems, and they do a beautiful job.

They use water from a pipe grid buried in the yard — or a well — to



constantly bring in water at about 50 degrees F, which the new, sturdier heat pump concentrates and shunts into the house during the winter. In summertime, the process is reversed, and the unit moves heated air out of the house and puts it back into the grid, to warm the house next winter.

You need to be careful to build enough of a grid to warm your home all winter, but not too much, or you'll be wasting money. There's no benefit to overdoing it.

"It depends on the soil," says Alfred Toennies who, with his sons Randy and Mark, installed the Water Furnace heat pump at the Hempens' home. "We dug down here and found that the ground was pretty dry," he adds, "so we decided to put in a grid made up of 1,500 feet of pipe. If the soil were better, 1,200 feet would have been enough. And you want to have good soil contact with the pipe once it's buried, and the grid should be far enough beneath the surface that the temperature doesn't fluctuate."

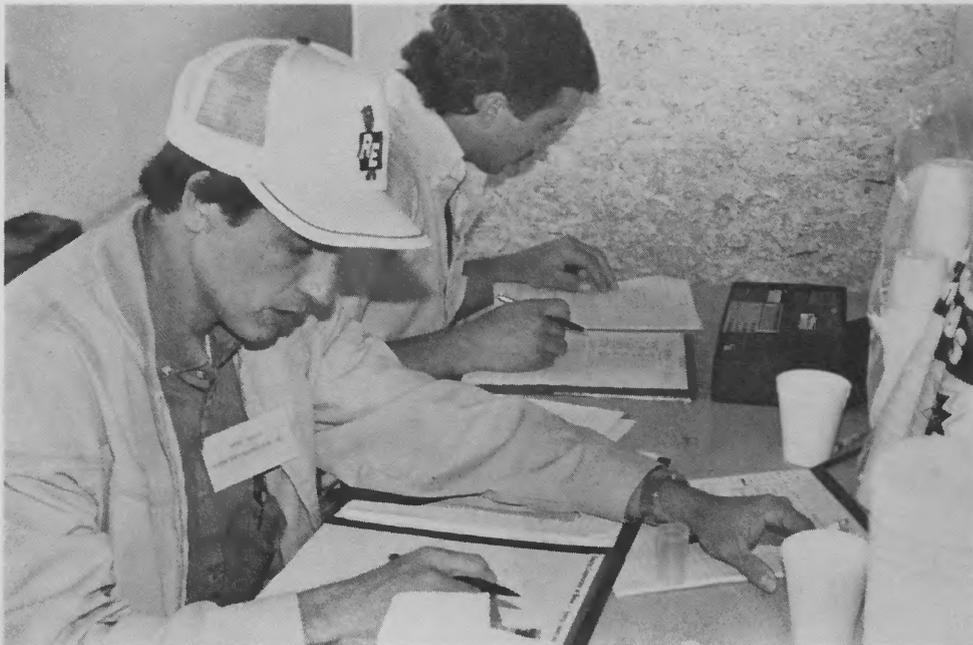
The Hempens' grid is laid one pipe above another, the lower one at five feet, the other two feet above it. The house, which John is building himself, "with a lot of help from friends and relatives," is well insulated, but is not a super-insulated unit. It has an inch of urethane foam on the outside, three and one-half inches of fiberglass in the stud cavities, and a carefully built vapor

barrier. His brother, Dennis, is doing the wiring, and, Joanne says, "We're going to have plenty of outlets."

Their house, while carefully insulated, has no special or unusual features that would make it extraordinary, so it will be a good test of the closed-loop groundwater heat pump system. We'll keep you posted as time goes by.



Above right, a fairly extensive network of trenches is usually necessary to get a good system, or a well will serve the same purpose if space is limited. At right, Harry Buller, left, member service advisor for Clinton County Electric Cooperative, calculates costs. Helping him is Steve Smith, director of member services for Southwestern Electric Cooperative.



# Saving on cooling costs

Now that summer is upon us, many are turning their thoughts to air conditioning. People who must sleep during the day, people with heart trouble, babies with skin problems, and of course the folks suffering with allergies, all depend upon air conditioning for relief and think of it as a necessity rather than a luxury.

The increased cost of electricity encourages the efficient use of energy and has as much bearing on home cooling as it does on heating. Here are a few hints that will help lower your electric bill:

- Be sure your air conditioner is sized correctly. An oversized unit will perform as inefficiently as a unit that is too small.

- Set the thermostat at the highest comfortable temperature and leave it. A comfortable temperature for most people during the summer is 78 degrees. Each degree higher setting of the thermostat can save about 4 percent of the air conditioning operating cost.

- Keep your system clean. Clean the thermostat carefully at least once a year. The most common problem causing poor thermostat operation is dust covering the sensing element or contact points. Clean or replace air conditioning filters at least once a month. Remove any obstructions from return air grills on central systems. Keep the outside unit clear of

shrubby and grass so that the flow of air over the condensing coils is not reduced.

- Don't set your thermostat at a colder setting than normal when you turn the system on. It will not cool faster.

- Cut down on heat-producing activities during the hot hours of the day. The same is true for humidity-producing activities such as bathing. And, make sure your clothes dryer is vented outside.

- Insulate fully for greater comfort and savings.

- Shade your house from direct sunlight. During the day, close drapes on the side of the house exposed to the sun.

- Reduce the heat gain from your attic by installing an attic ventilation fan.

- Keep doors and windows closed when running your cooling system. Leave storm windows and doors in place all year long.

- Turn off lights not in use and use your range only when necessary.

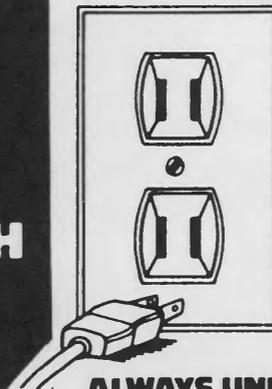
If you follow these easy steps, you can enjoy maximum comfort control at the least possible cost this summer.

## Office closing

We will be closed July 4 in honor of Independence Day.

**WARNING:  
IF YOU THINK  
THE POWER  
IS OFF  
WHEN THE SWITCH  
IS OFF,  
YOU'RE WRONG.**

**KEEP AWAY  
FROM WATER.**



## ALWAYS UNPLUG SMALL APPLIANCES.

Everyone knows that electricity and water are a dangerous combination. But did you know that an electric appliance is still electrically alive even if the switch is off? If the plug is in, the power is on. So when you keep appliances near water, keep them unplugged.

Public Service ad from Association of Home Appliance Manufacturers and Underwriters Laboratories, Inc.

work with. At 40 degrees F or so, an air-to-air heat pump would do an excellent job for you. At 20 degrees, it isn't exactly a bargain, and as the temperature plummets, efficiency drops sharply.

Closed-loop, groundwater heat pumps were designed to correct these problems, and they do a very good job.

They use water from a pipe grid buried in the yard — or a well — to constantly bring in water at about 50 degrees F, which the new, sturdier heat pump concentrates and shunts into the house during the winter. In summertime, the process is reversed, and the unit moves heated air out of the house and puts it back into the grid, to warm the house next winter.

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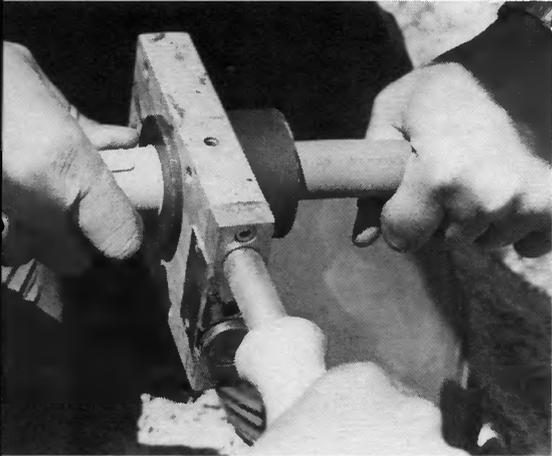
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Their house, while carefully insulated, has no special or unusual features that would make it extraordinary, so it will be a good test of the system.

Clockwise from below, Randy and Mark Toennies discuss the installation. With good earth contact such an important part of the operation, backfilling is done very carefully. A hand-held, electrically operated machine is used to splice pipe ends to prevent leaks.





# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

### ANNIVERSARY

On May 27, I celebrated my 40th anniversary as an employee of the Clinton County Electric Cooperative. I started as a groundman digging holes by hand with a split handled digger and graduated to a lineman a short time later. After many years of working on the line digging holes, setting poles, stringing wire and climbing poles, I started to stake the power lines and secure the right-of-way easements necessary to construct the line to those members wanting and needing electric service.

During this same period I tested meters for a number of years and still did some line maintenance, especially during and after storms.

Sometime in the late 1950s we started promoting the use of electrical appliances, electric heating, etc. and this, too, was my job. I spent some time in the office doing work orders and other clerical work. In the late 1960s I was the appointed operating superintendent and later assistant manager. In 1974 Joe Heimann, the Cooperative's first and only manager up to that time, retired and I was appointed manager.

I always believed that once I got to the top everything would finally become easier. The time for this was just not right and, believe me, I have never been so busy.

I can truthfully say that I enjoyed all 40 years of employment with the Cooperative. I enjoyed every job I've had at the Cooperative and, most of all, I've enjoyed working with all of you — the member and consumer. I believe I've always tried to treat each one of you as I would want you to treat me. Some of you I have known for all 40 years, but there are also some of you whom I have yet to meet. I only hope we'll have this chance before my retirement which is now

tentatively scheduled for December 31, 1987, or just a little more than one more year.

A lot of us have seen many changes during the past 40 years, but I'm sure the next 40 will produce even more. I only hope that many of you will stop in the office sometime before December 31, 1987, and visit with me even if it's just for a few minutes. I always enjoy talking to you, the member, and will miss this contact most of all when retirement does happen.

Again, thanks a million to all of you for giving me your confidence and full cooperation during all of those 40 years. We know some unfortunate things did happen during the past 10 years, but we made the moves we had to make at the time. I also know we are experiencing some tough times, but like many times before this will change and once again we'll be the top utility on the block.

Thanks so very, very much. It was fun, exciting, educational, sometimes tough, but always worthwhile. Everyone of you have just been super people to work with and to work for. Again, thanks.

*Dan A. Mondt of Germantown and Melanie C. Steinkamp of Carlyle are among the 40 outstanding high school students from Illinois who toured Washington, D.C., June 13-20 as a part of the annual "Youth to Washington" tour sponsored by the Electric Cooperatives of Illinois. They represented our cooperative, as winners of the essay contest we sponsor annually. The students left the Springfield headquarters of the Association of Illinois Electric Cooperatives (AIEC) on Friday, June 13, and are shown visiting Mt. Vernon, Virginia, the home of George Washington. From left are Dan, Melanie, and W. Michael Sager, Tour Director, AIEC.*



# Help us find these former members

The following is a list of former members whose capital credit checks have been returned to the Cooperative, whereabouts unknown.

Please review the list and notify the Cooperative office if you recognize any of the persons listed or have any infor-

mation to their whereabouts or where their relatives can be located.

You can give us this information either by phone or by mail. We thank you for assisting us in locating these former Cooperative members.

- John F. Ahlers, 1190 Methodist, Carlyle, IL 62231  
Fred B. Allen, RR 2, Mascoutah, IL 62258  
John F. Anderson, 215 E. 3rd St., O'Fallon, IL 62269  
Richard Arning, RR 3, Centralia, IL 62801  
Robert L. Ashley, 126 Mareda Dr., Arnold, MO 63010  
Paul F. Atwood, RR 1, Mascoutah, IL 62258  
B&T Const. Co., Harrisburg, IL 62946  
Herbert Badgett, RR 2 Box 12, New Athens, IL 62264  
Victor V. Barcroft, RR 1, Carlyle, IL 62231  
Fred Bathman, RR 1, Mascoutah, IL 62258  
Travis D. Blue, RR 2, Carlyle, IL 62231  
F. S. Biermann, RR 3, Centralia, IL 62281  
Bituminous Fuel & Oil, c/o Collinsville Const., Box 207, Carlyle, IL 62231  
Glenn Blake, c/o Raymond D. Prater, RR 2 Box 46, Highridge, MO 63049  
Phyllis J. Bonner & Neoma Smith, c/o Wilford Moeglich, RR 2, Centralia, IL 62801  
Larry Bowles, RR 2, Carlyle, IL 62231  
Clarence Brown, Shattuc, IL 62283  
Oscar Buetikofler, RR 2, Carlyle, IL 62231  
Curtis A. Collins, RR 2, Mascoutah, IL 62258  
Sgt. Ballard Compton, RR 1, New Baden, IL 62265  
Robert Conrad, RR 4, Carlyle, IL 62231  
Ivan V. Colyott, P.O. Box 154, Mulberry Grove, IL 62262  
R. W. Copeland, 515 Gunn Apt. 241, Scott Air Force Base, IL 62225  
John L. Cox, RR 1, Mascoutah, IL 62258  
Lester L. Davis, 1705 E. Broadway, Highland, IL 62249  
Eastridge Excav. Const., 424 Rance Lane, East St. Louis, IL 62200  
Richard G. Endricks, RR 1 Box 401, Winchester, KY 40391  
Melvin Engelhardt, R 5, Carlyle, IL 62231  
Eugene Finn, 8301 Fullerton Ave., University City, MO 63132  
Allan C. Fries, 209 Lola Lane, Belleville, IL 62221  
Edw. Geiger, 5400 West Main, Belleville, IL 62220  
Mrs. Betty George, 310 N. Washington, Freeburg, IL 62243  
Charles R. Gipson, Okawville, IL 62271  
August Goesling, RR 1, Sandoval, IL 62882  
Archie Gordon, RR 2, Trenton, IL 62293  
James J. Grapperhaus, RR 1, Trenton, IL 62293  
Tyolor Greer, 2028 N. 52nd St., E. St. Louis, IL 62200  
J. F. Grobensieser, Trenton, IL 62293  
S. J. Groves & Son, P.O. Box 177, Carlyle, IL 62231  
Goff Oil Co., 11th Fl Philtower Bldg., Tulsa, OK 74103  
James E. Goss, 7006 78th St., Overland Park, KS 66204  
Arthur E. Grady, 3021 Thayer, Springfield, IL 62704  
Gulf Oil Exploration & Production Co., P.O. Box 24100, Oklahoma City, OK 73124  
John L. Hamilton, Linden, North Carolina 28356  
Paul Hanson, 1330 S. Sycamore St., Centralia, IL 62801  
J. H. Harms, 225 N. St. Louis St., Lebanon, IL 62254  
A. E. Harrod, 325 South Main, Columbia, IL 62236  
Roy Hixenbaugh, 303 W. 15th St., Centralia, IL 62801  
Merlyn Hotvedt, 611 West Birth 3rd St., Shelbyville, IL 62565  
Alvin Huddelston, 318 E. Calumet, Centralia, IL 62801  
Eugene & Mattie Jackson, R. 3, Carlyle, IL 62231  
Samuel Johanson, 5052 Lindenwood, St. Louis, MO 63100  
Herschel R. Johnson, Hoffman, IL 62250  
Melvin L. Johnson, R. 3, Centralia, IL 62801  
Mrs. Leona M. Jones, Tilden, IL 62292  
Adolph Kaufman, 390 1st St., Breese, IL 62230  
Albert Kiffmeyer, RR 1, Hoyleton, IL 62803  
Clyde W. King, 12 Carrol Court, Cahokia, IL 62206  
John Kirstein, Trenton, IL 62292  
William N. Koch, 7 North Louisville St., Tulsa, OK 74100  
Joseph Land, 1004 Scheel St., Belleville, IL 62220  
G. L. Larmore, Tilden, IL 62292  
Fred B. Lawyer, 2344 Hawthorne, Decatur, IL 62525  
Robert A. Layfield, P.O. Box 20071, Birmingham, AL 35200  
Thomas E. Lewis, 6025 Fullerton Ave., Apt. 7, Buena Vista, CA 90621  
Arthur Lockwood, RR 1, Trenton, IL 62293  
Lolly's Tavern, Trenton, IL 62293  
John E. Lopez, 1300 Bel Air Dr., Belleville, IL 62220  
Capt. Stanley M. Loury, Hiuseucom, APO New York, NY 09128  
Thomas Luker, Okawville, IL 62271  
W. B. Lynn, 620 South Broadway St., Breese, IL 62230  
Sue McCoil, 774 N. 4th St., Breese, IL 62230  
Tremeyer McDaniels, 2535 Forest Ave., E. St. Louis, IL 62200  
Richard L. McGinnis, RR 1, Mascoutah, IL 62258  
Col. Donald Effen Martin, 3404 W. Main St., Belleville, IL 62221  
Material Stabilization, c/o Clofton Titzer, P.O. Box 88, Carlyle, IL 62231  
Fred Milhahn, RR 2, Mason City, IL 62664  
Roscoe Miller, Carlyle, IL 62231  
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Eddie Worley, P.O. Box 16, Zenia, IL 62899  
Daniel Wright, Box 472, Gideon, MO 63848  
Walter H. Yarling, Keyesport, IL 62253  
Harold D. Zeeb, Lebanon, IL 62254

### SHRIMP NEWBERG

- 2 lbs. shrimp, cooked and deveined
- 1/2 stick butter
- 4 green onions
- 1 small yellow onion, chopped
- 1 small green pepper, chopped
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 2 cups American cheese
- 2 tablespoons cooking sherry

In a skillet saute the onions, celery and green pepper. In a saucepan heat the milk. Add the cornstarch and the soup base stirring constantly with a wire whisk until the mixture thickens to a cream sauce consistency. Reduce the heat and add the cheese. Simmer until cheese is melted and add the shrimp and onion mixture. Simmer for about 30 minutes. Add the sherry and taste for seasonings. Serve over rice or cheese souffle.

### SPAGHETTI CASSEROLE

- 8 cups water
- 2 teaspoons salt
- 1 cup spaghetti
- 1 1/2 lbs. hamburger
- 1 small onion, chopped
- 1 1/2 cups tomatoes
- 1 tablespoon Worcestershire sauce
- 1/2 cup grated cheese
- Dash of paprika

Bring water to boil; add salt and spaghetti. Cook until tender. Brown hamburger and onion in skillet; add tomatoes and Worcestershire sauce. Simmer for 20 minutes. Add spaghetti to meat mixture; mix well. Pour into a 2-quart casserole; top with cheese and paprika. Bake at 350 degrees for 20 minutes. Yield: 4 to 6 servings.

### CHIMICHANGAS

- 1/2 teaspoon salt
- 1 lb. lean ground beef
- 1 garlic clove, crushed
- 1 teaspoon ground cumin
- 1 teaspoon oregano, crushed
- 1/4 cup canned chopped green chilies
- 1/4 cup bottled taco sauce
- 1/4 cup sour cream
- 2 tablespoons cider vinegar
- 1/2 cup butter or margarine, melted
- 6 seven-inch flour tortillas
- 1 pkg. (4 oz.) shredded cheddar cheese
- 1/2 cup sour cream
- 1/2 cup bottled taco sauce
- 1 1/2 cups shredded lettuce
- 1 ripe avocado, sliced

Sprinkle salt in medium skillet. Place over medium heat. Add beef, garlic and spices. Cook, crumbling with fork, until meat loses its pink color. Stir in remaining filling ingredients. Remove from heat; cool. In 8-inch skillet melt butter or margarine. Dip both sides of one tortilla into butter or margarine; drain off excess. Mound a rounded 1/3 cup filling on center of tortilla. Fold tortilla envelope fashion. Place seam side down in an ungreased 11 1/4 x 7 1/2-inch baking dish. Repeat with remaining tortillas and filling. Can be made ahead. Cover and refrigerate up to 24 hours. Preheat oven to 500 degrees. Uncover chimichangas and bake until crispy, about 15 minutes. Sprinkle with cheese, return to oven for a few seconds to melt cheese. Serve topped with sour cream and taco sauce, with lettuce and avocado on the side. Makes 4 servings, about 855 calories each.

### BEEF CANNELONI

- 3 lbs. ground beef
- 1 small onion, finely chopped
- 3 ribs celery, finely chopped
- 1/2 green pepper, finely chopped
- 1/2 teaspoon pure granulated garlic
- 1/2 teaspoon chili powder
- 1 teaspoon cumin
- 1/2 teaspoon seasoning salt
- 2 tablespoons red cooking wine or burgundy
- 1/2 cup tomato puree
- 1/2 cup sour cream
- Sauce:
- 4 cups milk
- 4 tablespoons cornstarch
- 2 teaspoons chicken soup base
- 1/2 cup American cheese
- 1 cup parmesan cheese, freshly grated

In a saucepan saute the beef, breaking it apart with a fork, until it is lightly browned. Add the remaining ingredients and simmer about 30 minutes. Do not let mixture boil. Place mixture, divided evenly, into 16 crepes. Roll and place seam down, side by side, in a lightly greased baking dish. In a saucepan heat the milk. Add the cornstarch and soup base stirring constantly with a wire whisk until mixture thickens to a cream sauce consistency. Add the cheese and simmer until cheese is melted. Pour sauce over crepes. Sprinkle with parmesan cheese and bake at 350 degrees until bubbly. Serves 8.

#### Crepe Batter:

- 1 cup flour
- Dash salt
- 2 eggs
- 2 tablespoons butter, melted
- 2 cups milk

In a bowl sift the flour and the salt together. Add the eggs, butter and milk and beat with a mixer until smooth. Lightly butter a small skillet or crepe pan with a pastry brush. Pour a small amount of batter into a pan and roll it out to the edge of the pan. Cook like pancakes, turning once until lightly browned.

### HOT CHICKEN SALAD

- 2 6 oz. jars chicken
- 1 can cream of chicken soup
- 2 cups chopped celery
- 1 tablespoon minced onion
- 1/2 teaspoon salt
- 1/2 teaspoon pepper
- 1 tablespoon lemon juice
- 1/2 cup slivered almonds
- 3 hard-cooked eggs, diced
- 3/4 cup mayonnaise
- 2 cups crushed potato chips

Mix all ingredients except potato chips; place in casserole. Cover with potato chips. Bake at 350 degrees for 1 hour. Yield: 4-5 servings.

### SALMON CROQUETTES

- 1 15 oz. can pink salmon, drain and save juice
- 1 egg
- 1/2 cup flour
- Pepper to taste
- 1/2 cup chopped green onion
- 1/2 teaspoon Worcestershire or to taste
- 1/4 cup salmon juice
- 1 heaping teaspoon baking powder
- Pepper fat for frying

Mix salmon and egg with fork. Add 1/2 cup sifted flour and stir. Mixture will be thick. Add pepper, onions and Worcestershire. In the 1/4 cup salmon juice, put the baking powder and beat with fork until it foams. Pour this into salmon mixture and mix with fork. Drop by small spoonful into deep hot fat. Be sure and cook within 15 minutes of mixing. Very light and lacy. Serves 4 to 6.

### BANANA PUDDING

- 1 large instant vanilla pudding
- 1 cup Eagle Brand milk
- 2 cups sweet milk
- 1 large non-dairy whipped topping
- 4 or 5 bananas that have been soaking in frozen orange juice concentrate

Mix pudding according to package directions. Add Eagle Brand and sweet milk. Fold in non-dairy whipped topping. Layer until all mixture is gone.

#### icing:

- 1 cup sugar
- 1/2 cup water
- 2 tablespoons white corn syrup
- 1 teaspoon vanilla
- 4 or 5 egg whites, beaten
- 1/2 teaspoon cream of tartar

Cook sugar, water, corn syrup and vanilla to a soft boil stage. Fold in egg whites that have been beaten with cream of tartar. Pour syrup over egg mixture slowly, beating all the time. Place on top of pudding. Brown in oven.

### BEEF ENCHILADAS

#### Meat Filling:

- 1 lb. ground meat
- 1 clove garlic, chopped
- 1 tablespoon water
- 1 can (1 lb.) kidney beans
- 2 teaspoons salt
- 1 tablespoon vinegar
- 1 tablespoon chili powder

In medium skillet over low heat, saute meat with garlic, salt, vinegar, water, and chili powder until browned. Stir in beans and set aside.

#### Tomato Sauce:

- 3 tablespoons salad oil
- 1 clove garlic, chopped
- 1/4 cup chopped onion
- 1 tablespoon vinegar
- 1 cup boiling water
- Dash ground cumin
- 1/2 teaspoon salt
- 2 cans (10 1/4 oz.) tomato puree
- 1 beef bouillon cube
- 2 tablespoons chopped green chilies
- Dash pepper

In hot oil in skillet, saute garlic and onion until golden (about 5 minutes). Remove from heat. Stir in flour until smooth; then stir in tomato puree, vinegar and bouillon cube (dissolved in water). Bring mixture to boiling point, stirring over medium heat. Add green chilies, cumin, salt and pepper; simmer uncovered about 5 minutes. Use 10 tortillas, frozen or homemade. 1 cup grated sharp cheddar cheese or 1 cup cubed Monterey Jack cheese. To assemble: Preheat oven to 350 degrees. Place about 1/3 cup filling in center of each tortilla, roll up, arrange seam side down in a 13 x 9 x 2 baking dish. Pour tomato sauce over all, sprinkle with cheese. Bake about 25 minutes. Makes 5 servings. Meat and tomato filling can be made ahead of time and refrigerated. Reheat slightly when ready to use. Put each tortilla in hot grease for a minute before assembling.

# Summertime

### FROZEN COCONUT PIE

- 2 cups crushed graham crackers
- 1 stick margarine, melted
- 1 3 oz. pkg. cream cheese, room temperature
- 2 teaspoons sugar
- 1/2 cup milk
- 3 1/2 cups non-dairy whipped topping
- 1 1/2 cups coconut
- 1/2 teaspoon almond extract

Make crust from graham cracker crumbs and melted margarine. Beat cream cheese until soft, beat in sugar, gradually add milk and beat until smooth, fold in coconut, whipped topping and extract. Spoon into crust and freeze. Set at room temperature a few minutes before serving.

### PARTY CHEESE SANDWICH

- 1 8 oz. pkg. cream cheese
- 1 small can pimento
- 1 cup grated pecans
- 1 cup salad dressing
- 2 teaspoons grated onion
- 1/2 stick butter

Mix well and spread on party rounds.

### BIG BURGER

- 2 cups all purpose flour
- 2 cups mashed potato flakes
- 3/4 cup butter or margarine, softened
- 3/4 cup milk
- 11 oz. can condensed cheddar cheese soup
- 1/4 cup chopped onion
- 1/2 teaspoon salt
- 1/4 teaspoon pepper
- Filling:
- 1 lb. ground beef
- 1 tablespoon catsup
- Topping:
- 2 tablespoons milk
- 2 tablespoons butter or margarine, melted
- 1 tablespoon prepared mustard, if desired
- 1/2 cup mashed potato flakes

Preheat oven to 425 degrees. (To measure flour, lightly spoon into measuring cup; level off.) In large bowl, combine flour and flakes. Cut butter in thoroughly with a fork; stir in milk. Dough will be stiff. Press half the dough into a 10-inch circle on ungreased cookie sheet. Brown ground beef; drain. Stir in next six ingredients. Spread to within 1/4-inch of dough edge. On waxed paper, spread or roll out remaining dough into an 11-inch circle. Place over filling and seal edge; brush with milk. Sprinkle with mixture of melted butter and potato flakes. Bake 20 to 25 minutes until golden brown. Refrigerate any leftovers. Makes 4 to 6 servings.

the economic development business, but exists to help the people in small towns whose job it is to attract industry. "One community took a good, hard look at its image as a possible site for economic development and decided it needed to change," she says. "They asked us to help, and we set up a special economic development training course for their leaders. It dealt with how to market your community, how to put together a development

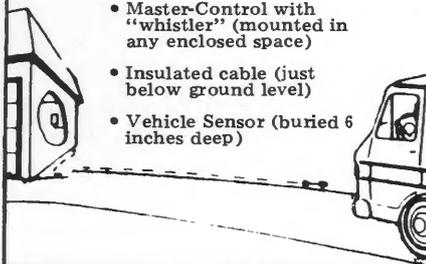
board and how to set up a retention team, to keep the businesses they already had. It's taking time and a lot of work, but they're turning things around."

Pat King, Jim Layton and Curt Murton, also from EICC, spoke briefly during the panel session, and emphasized that their efforts are geared toward facilitating efforts, rather than acting as economic development people themselves. "We can help prospective business people find legal, book-

keeping and financial help, and work with them to help set up customized training programs," Chillson says.

The four pointed out that local community colleges throughout the state have programs geared to helping community development efforts, and stressed that the nearest community college would be a good starting place for those seeking to start a new business, expand an existing one or to get community development help.

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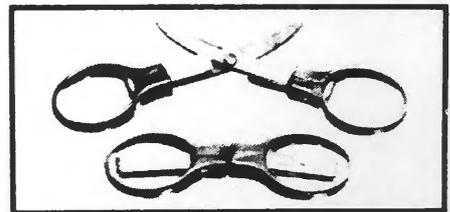
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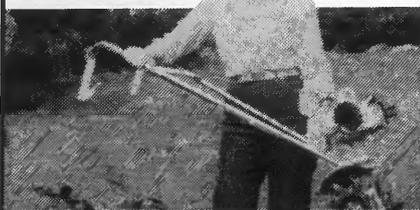
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# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

The Cooperative has many promotional programs in effect at this time, such as the water heater program, where the member can realize an \$8 per month credit on his energy bill or purchase a new 52-gallon, energy-saving water heater for as little as \$75.

The "time-of-day" rates are optional and, if you can adapt your living style to this rate schedule with energy charges based on kilowatt-hours used during on-peak and off-peak periods, you too can save money on your monthly energy bill.

Dual fuel rates are applicable to those members with both electric and another source of heat, such as oil or gas. With this rate, you use electric during the off-peak period and pay

much less for the kilowatt-hours used because they are off-peak.

The all-electric home, with cable and/or electric baseboard as the heating source, will probably have a block of kilowatt-hours at a cheaper rate during the months of December, January and February.

Check these new rate schedules and promotions with the employees in the Member Service Department. We believe you'll find that these rates are designed to fit your needs and to save you dollars on your energy uses.

We received no complaints from the members who have already taken advantage of the water heater promotion by installing the time switch and, as a result, are getting an \$8 per month credit on their electric bill. The timer works best on the new energy-saving designed water heaters, which we now have for sale at the very special price of \$75 plus tax for the 52-gallon unit and \$100 plus tax for the 80-gallon unit. I suggest you buy one of these units today. The price just can't be beaten.

### AIR CONDITIONING

A few years back very few rural

residents had central or window air conditioning. Today this is not the case. Most all new homes built today have central air, and of course those residents with older homes are either doing the same or putting in some window units. Air conditioning units cost money to operate, but again most all of us believe we have a right to some comfort and are willing to pay for this comfort.

Complaints are normally received during the air conditioning season because of high electric bills. Most all of us keep no daily records of kilowatt-hours used nor do we record the time the air conditioning unit operates during a 24- or 48-hour period. If we did this, we could easily account for the additional kilowatt-hours used each month during the cooling season.

### CLINTON COUNTY ELECTRIC COOPERATIVE, INC.

475 North Main - P.O. Box 40  
Breese, Illinois 62230

Office Hours  
8:00 A.M. to 5:00 P.M.  
Monday through Friday  
Phone for 24-hour service - emergencies  
only - after 5 p.m. and weekends. Call  
- Area Code 618/526-7282

#### MANAGER

Robert W. Vander Pluym

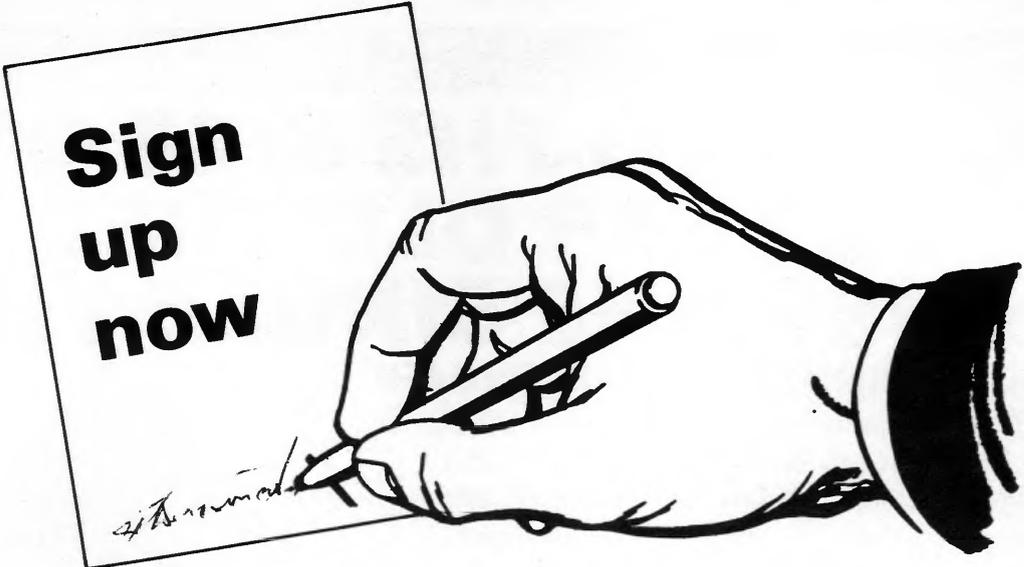
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## Office closing

This office will be closed Monday, September 1, 1986,  
in observation of Labor Day.



# Save on winter heating bills

With the temperatures reaching the mid-nineties, most of you are probably not thinking about next heating season. But we here at the Cooperative are currently making plans to reduce your electric heating costs.

If you have electric heat and are interested in a lower electric bill next winter, you can qualify for the credit which will be applied to your electric bill for heating kilowatt-hours. This credit will take the form of an actual reduced cost per kilowatt-hour on the actual kilowatt-hours used for electric heat by the consumer. Verification of electric heat will be made by Cooperative personnel, either by a personal visit or by historical data on kilowatt-hour usage.

One thing is certain — the Cooperative is always seeking new ways to save you, the member, money, and this new electric heat rate is just one way of doing this.

**REMEMBER** — this is a sign-up program. For your convenience, you can register now by signing the attached card and returning it to the Co-op. By doing this now, you will be assured of a reduction on next winter's electric heating costs. Or, if you prefer, you can stop by the office and talk to any member of the Member Service Department who will be happy to assist you in the sign-up program.

## You must be signed up to take part in program

In an effort to provide short-term relief to the member for the high cost of electricity for residential electric space heating, the Cooperative will initiate the following plan for the 1986-1987 and 1987-1988 heating seasons. The usage period in which the electric heat credit will apply are December 15 to January 15, your February bill, January 15 to February 15, your March bill and

February 15 to March 15, your April bill.

The Cooperative will require each member to sign up for the credit by returning, by mail, the "sign-up card," which is inserted with this center section of the Illinois Rural Electric News, or come in to the Cooperative office and complete a sign-up card. (NOTE: No credit will be issued to any member unless the Cooperative has a signed card on file.) The Cooperative, in order to determine that the member actually uses electric space heating, will establish for each member a "base load." This will be the actual usage during the billing period from April 15 to May 15, 1986.

In order to receive a credit, the member must use more kilowatt-hours than the base load during the usage period of December 15 through March 15. All kilowatt-hours used in excess of the "base load," up to a maximum of 1,000 kilowatt-hours, will be allowed a credit in accordance with the following schedule:

### 1986-1987 Heating Season

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the "base load."

### 1987-1988 Heating Season

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the "base load."

If, after the first year, the amount of credit given to the member for electric heat does not equal the total allocation given to the Cooperative by Soyland Power Cooperative, the Cooperative may change the 1987-1988 electric heat credit schedule to allow more credit, in cents, per kilowatt-hour.

We want you to have lower heating costs this winter — that's why this program was initiated. Don't delay, sign up for the new electric heat rate today.

Experts Report... Once Established... Water Just Once A Week... Be Absolutely Amazed As All Growing Season Long—Week In, Week Out... Compared To Even The Majestic Black Spruce... **WONDER SHADE TREE...**

# ZOOMS TO THE SIZE OF A 15 YEAR OLD TREE IN JUST ONE SINGLE YEAR!

**YES, ROOF-HIGH IN JUST ONE YEAR!**  
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.

IT'S ALMOST LIKE GROWING INSTANT SHADE

**Actually Soars Into A Magnificent Tree IN JUST ONE YEAR!**

Yes! Based on amazing growth rates reported by plant scientists—it grows SO FAST... arches out SO WIDE... you can actually take a ruler and measure the incredible difference in height every 2 to 3 days! OR, to really leave your neighbors gasping in awe and wonder, give them a yardstick and let them measure the difference IN FEET every 2 to 3 weeks!

Yes, goes on to thrust 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! Think of it!

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

Because according to plant experts, Govt. scientists and Botanical Gardens who researched this wonder-hybrid... once established, you merely water it once-a-week, and be absolutely floored as, during its SUPER-SOARING growing season, it GROWS AS MUCH AS A FULL 1/2-FOOT WEEKLY AFTER EVERY TIME YOU WATER IT!

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!

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

No doubt about it. There's just not another "instant" Shade Tree like it on this planet! Because 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 prize nursery-grown plant to a tower of roof-high beauty in less time than you ever dreamed possible.

**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 after 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 40 to 65 feet

**MATURE SPREAD:** as much as 30 to 35 feet

**ZONE OF HARDINESS:** Hardy from the deepest South to as far North as Vermont, Minn., Quebec, British Columbia. Winter Hardy in areas where temp. drops as low as 30 degrees below zero.

**LIGHT NEEDS:** Grows beautifully 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 on specimen trees that measure up to 8 FEET THE VERY FIRST YEAR ALONE. That's more than most shade trees grow in 3... 4... 5... even 7 years. Yes, once established will grow ranch-house-roof high IN JUST ONE SINGLE YEAR, that's right—The very next year after planting! Experts also report it soars an amazing 5 to 8 feet each year for YEARS thereafter. Naturally results are based on optimum growing conditions. Takes but 10 minutes to plant and normal care rewards you with a lifetime of beauty starting this very year.

**CARE:** Nothing special—just normal garden care. Water fully once weekly. Naturally resistant to most diseases, pests or insects.

**WE HAVE AT THIS MOMENT ONLY A LIMITED SUPPLY AVAILABLE FOR RELEASE TO THE PUBLIC—FULL SUPPLY WON'T BE READY UNTIL 1987 SO ACT NOW!**

Now the price of this super growing shade tree is not \$20 or \$30 as 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 until late 1986 or early 1987. Therefore, all orders must be shipped on a first-come, first-shipped basis. To make sure you don't miss out... ACT NOW!



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 hybrid-fam. Salicaceae.)

**SATISFACTION GUARANTEED OR MONEY BACK!**

Remember: Satisfaction is fully guaranteed. You must be thrilled in every way with this spectacular fa-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 replant—so send no-risk coupon today!

© 1986, Spring River Nurseries, Inc., Spring River Road, Hartford, Michigan 49057

**JUST MINUTES TO PLANT—REWARDS YOU WITH A LIFETIME OF BEAUTY!**



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

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

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

**—MAIL NO-RISK COUPON TODAY—**  
**Spring River Nurseries, Dept. IRE-886**  
**Spring River Road, Hartford, Michigan 49057**

Yes, please send me for proper planting time in my area the SUPER GROWING HYBRID(S) indicated below:

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

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 postage and handling, of course).

Total amount enclosed \$ \_\_\_\_\_ (Mich. residents add sales tax.) No C.O.D.'s please.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

# Clinton County Electric News

Clinton County Electric Cooperative, Inc.  
Breese, Illinois

618-526-7282



Across the  
Manager's Desk

by  
Robert W. Vander Pluym

On the following pages you will find detailed explanations of all the new programs the Cooperative has recently initiated. Please read them carefully. They could save you money!

The Cooperative is constantly looking for new and better ways to help you, the member, lessen the cost of your electric bill, and these new programs are just a few ways of doing that.

Contact the Member Service Department at the Cooperative if you have any questions about these programs. Cooperative personnel will be happy to assist you in any way they can.

## Special electric heat credit

It is not too early for you to start thinking about 1986-1987 heating season. If you have electric heat and are interested in a lower electric bill next winter, you can qualify for a special credit, which will be applied to your electric bill for heating kilowatt-hours.

This credit will take the form of a reduced cost per kilowatt-hour on the actual kilowatt-hours used for electric heat by the consumer.

In an effort to provide short-term relief to the member for the high cost of electric heating, the Cooperative is initiating the following plan for the 1986-1987 and 1987-1988 heating seasons. The usage periods in which the electric heat credit will apply are December 15 to January 15 (your February bill), January 15 to February 15 (your March bill), and February 15 to March 15 (your April bill).

### How credit works

In order to receive a credit, the member must use more kilowatt-hours than the "base load" during the usage periods named above. All kilowatt-hours used in excess of the base load, up to a maximum of 1,000 kilowatt-hours, will be allowed a credit in

accordance with the following schedule:

#### 1986-1987 HEATING SEASON

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the base load.

#### 1987-1988 HEATING SEASON

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the base load.

The base load will be determined for each member by the Cooperative and will be the actual usage during the billing period from April 15 to May 15, 1986.

Verification of electric heat will be made by Cooperative personnel, either by a personal visit or by historical data on kilowatt-hour usage.

The Cooperative will require each member to sign up for the credit by returning, either by mail or in person, the "sign-up card" inserted with this center section of the Illinois Rural Electric News, or come into the Cooperative office and complete a sign-up card. No credit will be issued to any member unless the Cooperative has a signed card on file.

The Cooperative is always looking for new ways to save the member money — that's why

this program was initiated.

**Remember** — this is a sign-up program. For your convenience, you can register now by signing the attached card and returning it to the Co-op. By doing this now, you will be assured of a reduction on next winter's electric heating costs. Or, if you prefer, you can stop by the office and talk to someone in the Member Service Department who will be happy to assist you in the sign-up program.

**Don't delay**, sign up for the new electric heat rate today.

(Note: If, after the first year, the amount of credit given to the member for electric heat does not equal the total allocation given to the Cooperative by Soyland Power Cooperative, the Cooperative may change the 1987-1988 electric heat credit schedule to allow more credit, in cents, per kilowatt-hour.)

# Dual Heat: affordable rate



the coldest weather will improve the overall efficiency since the loss from the frequent starts is reduced.

Any member who agrees to install a Dual Heat system that allows the electric heating system to be switched off when temperatures are below 15 degrees during the Cooperative's peak period may participate in this program. The 15 degree transfer point initially established may be adjusted slightly as conditions warrant. Participants will realize immediate and future savings from reduced annual heating bills. But they'll also save by creating new kilowatt-hour sales, thus spreading the fixed costs of the Cooperative across a broader base. Such new sales hold down the cost of electricity today and tomorrow for you and your neighbors. A very attractive electric rate is available when heating with Dual Heat systems. This off-peak or Dual Heat rate is 3.3 cents per kilowatt-hour. This rate applies only to kilowatt-hours used in a Dual Heat application. The regular household consumption is still billed under the general service rate.

In June of 1986, Clinton County Electric Cooperative introduced the off-peak, or Dual Heat Rate. Dual energy heating reflects the Cooperative's determination to promote the wise use of energy by encouraging its members to benefit from the advantages of two sources of energy.

A Dual Heat system combines two energy sources — electricity as a primary source and an alternate fuel, such as gas or oil, as a secondary source. If you presently have an electric system, you can benefit by adding gas or oil. Or, if you have a gas or oil system now, you can benefit by adding an electric system.

This method of combining electricity and gas or oil is a very wise one. During most of the year you use electricity, a clean renewable energy source of proven efficiency, holding the gas or oil in reserve for when the weather is very cold. Operating your furnace during

## Cooperative guarantee

This rate of 3.3 cents per kilowatt-hour is guaranteed until December 31, 1990. The guarantee affirms the intended longevity of the Dual Heat concept. You can be assured that any extra dollars spent to install a Dual Heat system will not be wasted due to elimination of the special rate.

In addition, a \$200 cash reward will be made for adding electric heat for a Dual Heat system! This is available to any member adding new kilowatt-hours for off-peak energy sales. For example, homes that now heat with oil or gas will qualify, as well as new construction. Following inspection and approval of the completed system, the bonus will be paid.

There are a number of Dual Heat systems

for you to choose from. Some will be more compatible than others, depending on your current heating system. In most cases, a Dual Heat system can be installed quickly and easily — usually in a day or two.

Your heating dealer, electrical contractor and the Member Service Department at Clinton County Electric can help you determine your needs and costs.

Participate in the Dual Heat program and encourage your neighbors and friends to join you. Together, we can help control power costs for now and the future.

Contact the Member Service Department at Clinton County Electric Cooperative for a “no obligation” survey of how Dual Heat can be installed in your home. Learn first hand why Dual Heat is the Affordable Choice.

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## Time-of-day rate: new tool

The “time-of-day” rate (TOD) is a residential and farm rate that gives consumers a new tool to use in their efforts to lower the cost of their electric service. With the TOD option, customers have the opportunity to manage the amount of their bill by shifting electric usage to “off-peak” time periods, when the cost of producing electricity is lower.

### When power is used

Time-of-day pricing requires identifying when electricity is used — at what time each day. Members are billed different prices depending on when the electricity is used. A special meter is required to record the time of day the electricity was consumed.

Not everyone will save money on the time-of-day rate! We are unable to guarantee savings because of the vast differences in member lifestyles and consumption patterns. Your ability to save depends mainly on one thing: The amount of electrical usage you can shift or switch to “off-peak” hours, when the price is lower.

Electrical use is not constant throughout a 24-hour period. Usage is low during late evening and early morning hours and highest during late morning and late afternoon hours.

Those hours when electric demand is greatest are called “on-peak” hours, while those hours when demand is low are called “off-peak” hours.

Time-of-day is important because it offers a new option to save money and because it can help Clinton County Electric improve the economies of generating electricity, thereby helping hold down the cost of electricity.

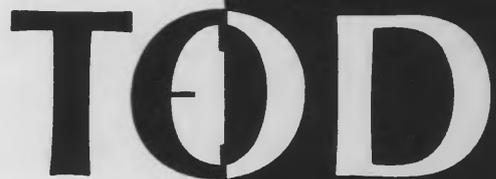
### The ‘on-peak’ hours

The “on-peak” hours are 3 p.m. to 9 p.m. in July and August; and 6 a.m. to 11 a.m. and 5 p.m. to 8 p.m. in December, January and February.

Under the time-of-day rate, the member is billed higher charges for electricity used “on-peak” and lower charges for electricity used “off-peak.” Once a member has selected the time-of-day rate, he must stay on this rate for a period of 24 months.

### Energy Charges:

**On-peak period** — all kwhs @ 22 cents per kwh. (On peak period applies to the months of December, January and February between the hours of 6 a.m. and 11 a.m. and also between the hours of 5 p.m. and 8 p.m.; and also during the summer months of July and August between the hours of 3 p.m. and 9 p.m.)



**Off-peak period** — First 1,200 kwhs @ 7.5 cents per kwh

All over 1,200 kwhs @ 3.5 cents per kwh

(Off-peak period applies during the months of December, January, February, July and August at all times not in the on-peak periods and also at

all times during the months of March, April, May, June, September, October and November.)

Any residential or farm customer can participate in the time-of-day rate. This option is also available for large commercial

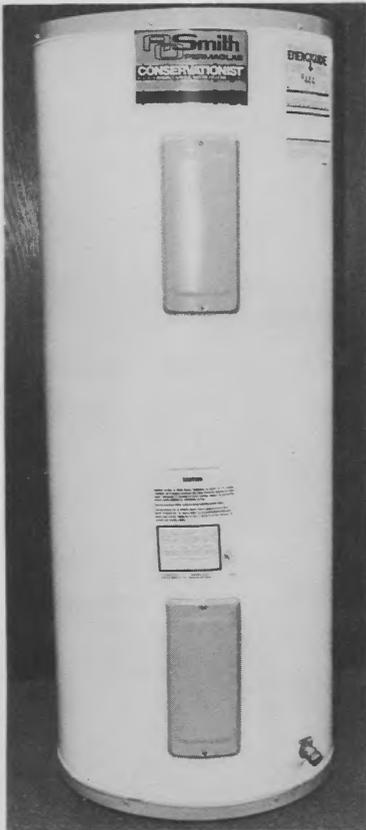
and small industrial customers.

Clinton County Electric Cooperative, Inc. Member Service advisors are available to personally answer your questions about the rate or to provide you with a more detailed explanation of the rate.

## \$8 water heating savings

In January of this year the Cooperative implemented the water heater/time switch program whereby customers can save \$8 per month on their electric bills.

Members can buy from the cooperative a 52-gallon water heater, plus an energy-saving time switch, for \$75, plus tax. An 80-gallon water heater, plus time switch, sells for \$100, plus tax. Members must agree to install and operate this water heater as their main source of hot water for a minimum of five years at a location served by the Cooperative. Pickup of the water heater at the Cooperative office, installation of the new water heater and disposal of the old heater are all part of the member's expense. Members with existing electric water heaters can also participate in this program by purchasing a control time switch for \$15, plus tax. Under this



program, the member agrees to allow the Cooperative to interrupt the water heater load for a minimum of two hours and a maximum of four hours; from 7 a.m. to 9

a.m. and again from 5 p.m. to 7 p.m. The water heater is covered by a manufacturer's warranty for 10 years on the tank only, and one year on all parts, not including labor. The time switch is also covered by a one-year warranty for manufacturer's defect. The Cooperative maintains a supply of parts and keeps a record of the warranties for both the water heater and the timer.

When a Clinton County Electric employee determines that proper installation requirements are met, the member receives an \$8 per month credit on his electric bill. That's \$96 a year — you've paid for your new water heater and timer in the first year!

### Contact Clinton County

If you want to take advantage of this \$8 per month credit — by either purchasing a new water heater and time switch or just a time switch to be placed on your existing water heater — please phone or drop by the office. The Member Service Department of your cooperative will be pleased to assist you in any way they can.

## Call for more details

If you should like additional information about any of these new programs — dual fuel, time-of-day, electric heat, or water heater — please call 526-7282 or stop by the office and talk to either John Winter or Harry Buller of the Member Service Department. They can give you all the information and familiarize you with the details of all the programs.

## Warsaw

(Continued from page 5)

and monitors the soil carefully, especially for phosphorus, potassium and nitrogen, and keeps an eye on the corn's leaves. He goes through the field regularly, to check for insects.

"I believe the way farmers will be able to survive will be by decreasing their cost of producing by getting more corn per acre," he concludes, "and that's

what I hope to show them how to do by careful management. We can beat the farm problem if we work at it," Warsaw says.

## Planning to Weatherize?

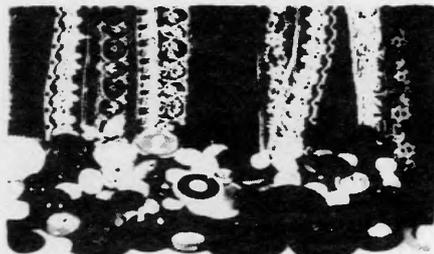
To: A.I.E.C. Publications  
P.O. Box 3787, Springfield, Illinois 62708

Please mail me \_\_\_\_\_ copies of the publication  
"Home Weatherization"  
(For each copy, enclose \$2.00 to cover the cost of the book and pay postage and handling.)

Please Print Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



## 40 YARDS LACE \$2.25

LACE—LACE—LACE... 40 yards of Lace

in delightful patterns. Edging, insertions, etc. Assorted beautiful designs, colors and widths. Pieces at least 10 yards in length—none smaller. Marvelous for dresses, pillowcases etc. Terrific as hem facing. **Only \$2.25** (About 5 1/2 yd.) or double orders **\$4.35**. 3 orders just **\$6.25**. PIs include 50¢ post. and hdlg. with EACH set of 40 yards you buy. Satisfaction guaranteed! **FREE** with lace **50 BUTTONS!** 50 NEW High Quality Buttons. Assorted colors, sizes and shapes. Sent **FREE** with each lace order. Please allow up to 6 weeks for delivery.

LACE LADY 1602 Locust St. Dept. LB-53 St. Louis, MO 63103

## BACKYARD GARDENERS

### At Last! A Small Tiller That Works!



Forget about big, clumsy, yank-you-along tillers forever!

The Mantis tills a sensible 6" to 9" wide (not 20" or more like big tillers). Mantis weighs just 20 lbs. (not 200 to 300 lbs.). Mantis' tines go through tough soil like a

chain saw goes through wood. *No jerking... no yanking you along... and Mantis turns on a dime!* Put the fun back in gardening.

©MMC 1986

### 3-WEEK IN-YOUR-GARDEN TRIAL!



Mantis Manufacturing Co.  
1468 County Line Rd., Dept. 3025  
Huntingdon Valley, PA 19086  
(215) 365-9700

Please send more information.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

EXCLUSIVE FORMULATION USED BY AIRLINES—NOW AVAILABLE TO CAR OWNERS

## Glass Shield™ KEEPS ALL CAR WINDOWS PERFECTLY CLEAR AT ALL TIMES... ABSOLUTELY NOTHING CAN STICK TO THEM...

NOT SOLD IN STORES

ONLY \$7.95

One Application lasts for up to Six Months!

- NOT SNOW • NOT SLEET
- NOT ICE • NOT GRIME
- NOT DIRT • NOT RAIN
- NOT BUGS • NOT TAR
- NOT SALT SPRAY

GLASS SHIELD utilizes the formulation now used by most commercial and private planes to insure a perfectly clear windshield regardless of how foul the weather.

### WORKS LIKE MAGIC

You'll be amazed as you watch the elements hit your windshield and actually roll and bounce off every area of glass. It's not magic... it's GLASS SHIELD!

### IMPROVED FOR CAR & BOAT OWNERS

The plane formulation was enhanced by adding ingredients that not only prevent snow, sleet and ice formation on cars, but also grime, dirt, bugs, tars and salt spray from adhering to your windshield and all glass areas, including side mirrors. You can now drive in the worst of weathers with the assurance that you'll enjoy even clearer visibility at all times without even using your wipers. AND, because GLASS SHIELD protects the entire glass area of your car, you enjoy far greater visibility than merely depending on your windshield wipers. Clearer and wider visibility insures elimination of "blind spots" and provides greater protection against road accidents for you and your family. GLASS SHIELD is made by the manufacturers of famous GLO-SHIELD, America's finest car finish.

## Glass Shield™

- STOPS ICE, SNOW AND SLEET FROM FORMING ON WINDSHIELD, ETC.
- ROAD TARs, GRIME, SALT SPRAY, DIRT AND BUGS ROLL RIGHT OFF.
- FULL WINDSHIELD, SIDE AND REAR WINDOW VISIBILITY PERFECTLY CLEAR AT ALL TIMES (not just wiper area).
- GREATER PROTECTION AGAINST ACCIDENTS FOR YOU AND YOUR FAMILY.
- ONE APPLICATION LASTS FOR UP TO 6 MONTHS.
- ONE BOTTLE PROTECTS SEVERAL CARS.
- SAFE FOR ALL CAR FINISHES.
- EXCELLENT FOR HOME WINDOWS. ELIMINATES CONSTANT WASHING.
- PERFECT FOR BOATS, TOO. KEEPS SALT SPRAY OFF WINDOWS.

### 30 DAY MONEY BACK GUARANTEE

Howe Co., Dept. 528  
10-10 44th Ave., L.I.C. NY 11101

Please rush me \_\_\_\_\_ bottles of GLASS SHIELD  
(@ \$7.95 (2 for \$13.90, 4 for \$25.95) Add \$1.00 per order for postage & handling. N.Y. residents add sales tax. Enclosed is check or M.O. for \$\_\_\_\_\_, or charge to my  VISA  MASTER CARD

No \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

AS SEEN ON NBC-TV  
David Horowitz' Consumer Report Show  
"IT REALLY WORKS!"

© 1986 NC CORP



# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

### CAPITAL CREDITS

Your Cooperative's board of trustees will make every effort possible to pay out capital credits again at the annual meeting in March 1987. During the past 10 years, the Cooperative paid out almost \$795,000 on a general distribution basis, and as of March 1986, we paid out all capital credits accumulated through the year 1965. During that same 10-year period, we paid out more than \$200,000 of capital credits to settle estates. This adds up to almost a million dollars paid out in the last 10 years, a feat we're very proud to have accomplished. If possible, we'll pay out all credits accumulated by members during the year 1966 at our annual meeting in March 1987. We would like to stay on the 20-year retirement cycle.

A Cooperative is supposed to operate as a non-profit organization, returning all excess margins within a reasonable time and this, of course, was and is our goal. It's not been easy because of the economy that exists today, but we intend to fulfill our obligations to you, the member-consumer.

Capital credits are paid out in full to the estate of a deceased member, or on a one-half basis if it's a joint membership and either the husband or wife has passed away. Forms needed to settle such estates are available at the Cooperative office in Breese.

### MEETING DATES

We intend to schedule five or six area meetings in the month of January 1987, probably sometime between January 11 and January 24. If you know of any other meetings scheduled during that time, please notify us so that our meeting dates can be scheduled without causing a conflict. This normally happens every year.

The annual meeting is scheduled for March 19, 1987. Make a note of this date and of the area meeting dates so you'll have plenty of time to make plans. We need your cooperation, your suggestions, ideas, criticisms and comments. During the past years, we used many of our members' suggestions and ideas. It takes all of us working together to make and then keep an organization successful and financially sound.

Without your continuous support, your cooperative would soon be out of business. We're especially proud of our membership because we feel you have always supported your Cooperative and have always offered your suggestions, ideas and criticisms. For this we are most thankful.

### HEATING SEASON

Already the heating season is here. It seems like we just turned the thermostats to air conditioning and already we're back to heating. Anyway, I do hope that those of you who have all-electric heating systems returned the post card that was part of the August and September Illinois Rural Electric News center sections, indicating you were heating electrically, thus making you eligible for the electric heating rate. If you lost or misplaced the card and/or magazine, please come in and pick one up at the office. Any of the office personnel will be happy to help you complete the information.

Also, check on the dual fuel rates and on the bonus available to those who insert an electric heater into their

present fuel-fired furnace.

Many things are available to you, the members, and I suggest you contact our Member Service Department and have them give you an up-date on how some of the new rates and promotions can benefit you.

### CLOSED CIRCUIT HEAT PUMP

We believe this is probably one of the best heating and cooling units available today. It operates very economically on both heating and cooling and can be installed in either a new or existing home, if insulated. We'll be happy to explain more about these units to you upon request.

### WATER HEATER

I just heard of one member who had a problem with hot water because of the timer control. If you're controlling an older water heater, you might experience a lack of hot water while doing the laundry, as an example, during the off-period time. We haven't heard of any problems with the new water heaters we are now offering at a very special price — \$75 for a 52-gallon heater and \$100 for an 80-gallon heater. These prices do not include tax. These new units are super-insulated water heaters and will keep the water hot a long time. We suggest you replace your old water heater with one of these new units, and if the water heater is large enough you should always have enough hot water even with the timer control. Call for further information.

### Office closing

We will be closed Tuesday,  
November 11, in honor of  
Veteran's Day.

FOR SALE: 5/8 x 6 inch and  
5/8 x 8 inch bolts. 10 cents  
each.



## ***Serving across Illinois and around the clock***

Day in and day out, around the clock, most of us are served by cooperatives . . . in all kinds of ways. Across Illinois, in the small country crossroad towns and the big cities alike, you'll see the influence of cooperatives.

Cooperatives help spread the news, deliver and process dairy products, and grind and transport the feed and seeds that keep American agribusiness thriving. Cooperatives help farmers with financing, and provide millions of people from all walks of life with insurance, housing, food, financial and telephone services. Cooperatives also provide dependable electric service to more than 600,000 downstate Illinois residents.

Cooperatives work because they meet people's needs efficiently and economically, providing top-notch services for their members at cost.

When cooperatives work, all America benefits.

**COOPERATIVES**



# *Electric Cooperatives of Illinois*

October is Cooperative Month

10/86 **WORK!**

# Rescue Your Dying Septic System NOW!

Just Pour Safe, Easy To Use Powder Into Your Commode and Finally...

## END SEPTIC TANK BACKUP CLOGGING and SMELL

**RESULTS VISIBLE OVERNIGHT!**

**WHY SEPTIC TANKS BACK UP** Septic tanks Clog, Backup and Smell because of household cleaners, which are great for dishes, laundry and floors, but kill good bacteria in your tank and cesspool that normally digest solid wastes, fats, greases and starches. Without this bacterial action solid waste builds up in your system. They overflow into and clog your drainfields, lines and back up into your tank, causing overflows and smells. Even pumping your tank will not clean out the pipes or drainfields, but SEPTIPRO® will!

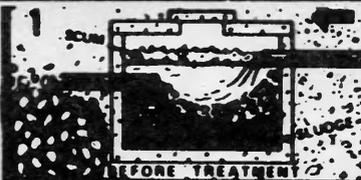
**HOW SEPTIPRO® WORKS TO SAVE YOUR DYING SYSTEM!** It goes to work immediately with 3 Safe Potent Enzymes and Bacteria supplement that works with your good bacteria to break down and digest fats, greases, starches, and all organic waste materials including paper and cotton fibers. It converts and liquifies all organic solid wastes. Cleans tank, pipes, and drainfields. Drainfields become porous allowing earth to absorb. The entire system opens and works from beginning to end.

**SEPTIPRO® SAVES YOU MONEY!** No more costly mechanical cleaning, digging or pumping.

**SAFE AND EASY TO USE!** Just pour SEPTIPRO® into your commode, let it work! Results usually visible overnight! Non-toxic, Poisonous or Corrosive, Harmless to Humans, Animals or Plumbing. Will make your system odor-free. SEPTIPRO® IS GUARANTEED TO KEEP YOUR SEPTIC SYSTEM TROUBLE FREE OR WE WILL REFUND EVERY PENNY YOU PAID FOR YOUR SEPTIPRO®. 1 lb. for initial treatment of 1000 gal. tank or 4 routine monthly 4 oz. treatments.

*I understand that SEPTIPRO® is fully guaranteed and if it does not do as claimed, I can return the unused portion within 30 days and get all of my money back.*

**YOU DON'T RISK A PENNY!**  
Order Now! Money Back Guaranteed!



SOLID WASTE CLOGS PIPES, TANK & DRAINFIELD



SOLIDS DIGESTED AND LIQUIFIED NOW ABSORBED IN OPENED DRAINFIELDS

SEPTIPRO® • P.O. Box 32 • Kasson, MN 55944

- 1 lb. @ \$8.95 plus \$1.00 postage & handling total \$9.95
- 2 lbs. @ \$14.40 plus \$2.00 P & H total 16.40 Save on
- 4 lbs. @ \$21.30 plus \$2.50 P & H total \$23.80 Larger
- 8 lbs. @ \$36.50 plus \$3.00 P & H total \$39.50 Sizes

Charge to my  Master Card  Visa

Account No. (All digits) \_\_\_\_\_  
Expiration Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Charge Customers call: 1-800-533-2225

## CHRISTMAS SALE

**DAY-NIGHT**  
Mailbox Markers

SAVE UP TO \$5.00 ea.

STYLE M \$9.95  
Reg. \$14.95

**JOS. E. ROCKWELL-682**

- Raised white reflective letters on black rustproof aluminum.
- Your wording—same both sides; up to 17 characters on long plate, 6 on short.
- Shipped in one week or less.
- Specify style, wording, shipping address.
- Send ck. or money order, or use MC or VISA (include all numbers)
- CO Res., add 3% Sales Tax

Satisfaction Guaranteed

**FREE** Post./Hand. anywhere in the USA!



STYLE EM \$18.95  
\$14.95



STYLE NM \$19.95  
\$15.95

**ORDER TODAY!**

STYLE EOM \$28.95 \$21.95  
SINCE 1949  
Spear -ENGINEERING COMPANY-  
DEPT 45106  
Colo. Spgs., CO 80933-7025  
 Send my FREE sales kit!



## SOTZ AIRTIGHT WOODSTOVES

AS LOW AS \$27.47

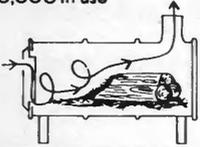
Most Efficient Kits—Patented Internal Draft Channel Mounted to inside of door on heavy steel kits only.

Original 15-30 and 55 Gal. only. Air entering top draft control is pre-heated as it is drawn down inside of door, air is sucked into bottom of heater with a turbulent action, mixing with the wood gases, making these 2 heavy steel models sparkproof and tops in efficiency, life-time heavy steel, tapered formed, self-adjusting door and frame seal.

Over 300,000 In use



HEAVY STEEL SHOWN HERE



**GUARANTEE.** Try the Sotz Heater Kit at our risk. If (within one year) you don't agree it outperforms any wood heater money can buy, or if kit ever cracks, warps, or burns up, your money will be refunded. Including shipping charges.

Kits convert 15 to 55 gal. drums (not supplied) into high capacity stoves.

### ALL STEEL & CAST IRON STOVES FEATURE:

- Airtight design and draft control engineered to limit the amount of oxygen entering stove for controlled, safe, efficient heat. Prevents over-firing so drums can't burn up.
- 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. Bolts together quick and easy.

• Sotz Top Kit includes heavy duty connector pipe - Other brands don't.

Size Kit	Factory Pick-up	Del.
15-30 Gal. Bottom	\$27.47	\$31.47
55-Gal. Bottom	\$34.98	\$38.99
Cast Iron Bottom	\$15.95	\$20.95
Top Kit Fits All	\$17.97	\$20.93
Budget Heater	\$16.95	\$19.95

Automatic Draft Control For Sotz Stoves and Spin Draft Stoves \$21.95 \$24.95

Call or write to see if it fits your stove.

### BUDGET HEATER

Fits 15 thru 55-gal. Drums  
**\$16.95**  
Factory pick-up

- Spark Proof
- Air Tight
- Priced Below Leaky Imports
- Lifetime Guarantee



(Drums not supplied)  
Designed for the budget shopper. For occasional heating jobs such as workshop, cabin or other. Average combustion efficiency. Stove parts similar to Sotz 30-gal. stove kit, except without patented internal draft channel, has spark arrester shield instead. Draft control on bottom of door.

### AIRTIGHT ECONOMY CAST IRON \$15.95



Factory pick-up Fits 30-55 gal. drum. Largest cast iron kit made.

VISA or MASTERCARD RUSH ORDERS  
CALL TOLL FREE 1-800-321-9892  
Inside Ohio 1-216-236-5021  
or SEND CHECK OR MONEY ORDER  
Sorry, No C.O.D.'s

Sotz Inc., 13668-O6 Station Rd., Columbia Station, OH 44028

gram is a case in point, he added.

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

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

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

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

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

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

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



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

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

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



# Clinton County Electric News

CLINTON COUNTY ELECTRIC COOPERATIVE, INC. 618-526-7282 BREESE, ILLINOIS

## Across the Manager's Desk



by  
Robert W.  
Vander Pluym

### CLINTON NUCLEAR PLANT

Yes, it finally did happen. Personnel at Illinois Power's nuclear power plant are loading fuel after getting the final blessings from the Nuclear Regulatory Commission. The plant will be operating at about 5 percent during the test stage. We hope to see it in full production sometime in mid-1987.

The plant is, according to some nuclear experts, one of the best-constructed nuclear plants in the country. But then it should be after all, the final construction cost is well over the three billion dollar mark, a very expensive power plant. It's doubtful if any more nuclear power plants will ever be built in this country because of the very strict governmental regulations on such construction, making such plants much too costly to build.

The Illinois Power Company has been granted a 9 percent increase in their rates when the plant was permitted to load fuel and will get another 9 percent when the plant comes on line in 1987. If they have even more rate increases planned after that time, I'm just not sure, but with this 18 percent increase their rates will be, on an annual basis, about equal to ours.

If they should get another increase, in addition to the 18 percent, their rates could be even higher than the Cooperatives, on an annual basis.

### GOOD BUY

Regardless of what you compare

electricity with, we believe it's still a good buy. Some people have tried windmill generators, only to find to their dismay that this was a very expensive way of generating their electric power. Some believed a tractor-run generator could operate cheaper and they too found this to be an even more expensive method of generating electric power. Solar battery operated lighting etc. is also a very expensive way to go.

Yes, money can be saved by using energy-saving devices such as solar heat, ground water or closed loop heat pumps, dual fuel, time-of-day rates and some controlled appliances, keeping them from operating at peak periods.

All of this information is available to you, free of charge, upon request.

There's just no doubt about it, the price of other fuels will increase again, just as it did some years back. When this happens, and it will, electricity will again be the best buy of all.

### LIGHT BULBS

The Cooperative is pondering the idea of selling light bulbs to the members, at cost, if the demand is there. We'll do this on a trial basis for about three months and then, if all goes as we think it will, we'll sell bulbs on a permanent basis.

The light bulbs we sell will be 135-volt, not the 120-volt like you buy in the stores today. Our intentions are to have many sizes available — such as 40-watt, 75-watt, 100-watt and 150-watt. Because the light bulbs will be 135-volt, they will cost a little more, but they will also last much longer than the 120-volt bulbs almost all of us are now using.

Most utilities carry about 122 to 127 volts on their distribution lines, and this of course is one reason the 120-volt light bulbs just don't last.

### ADVISORY BOARD

The Cooperative has a very active Advisory Board, but is always looking for new members. Members of the Advisory Board should be able to attend at least five to six meetings a year, be willing to learn the Cooperative's principles and ideas, to read all literature given him by the Cooperative and to express their ideas and suggestions at Advisory Board meetings.

If you would like to have your name on the Advisory Board list of future members, please call us collect, or better yet, write us a note and give us your name, address, phone no. etc. We believe you'll enjoy serving on the Advisory Board.

## Clinton County Electric Cooperative, Inc.

475 North Main — P.O. Box 40  
Breese, Illinois 62230

### Office Hours

8:00 A.M. to 5:00 P.M.

Monday through Friday

Phone for 24-hour service — emergencies only — after 5 p.m. and weekends. Call — Area Code 618/526-7282

### MANAGER

Robert W. Vander Pluym



## Office closing

The office of Clinton County Electric Cooperative will be closed Thursday and Friday, November 27-28, for the Thanksgiving holidays.



## Save on winter heating bills

With the arrival of fall, most of you are probably thinking about the heating season. And we here at the Cooperative are currently making plans to reduce your electric heating costs.

If you have electric heat and are interested in a lower electric bill this winter, you can qualify for the credit which will be applied to your electric bill for heating kilowatt-hours. This credit will take the form of an actual reduced cost per kilowatt-hour on the actual kilowatt-hours used for electric heat by the consumer. Verification of electric heat will be made by Cooperative personnel, either by a personal visit or by historical data on kilowatt-hour usage.

One thing is certain — the Cooperative is always seeking new ways to save you, the member, money, and this new electric heat rate is just one way of doing this.

**REMEMBER** — this is a sign-up program. For your convenience, you can register now by signing the attached card and returning it to the Co-op. By doing this now, you will be assured of a reduction on the coming winter's electric heating costs. Or, if you prefer, you can stop by the office and talk to any member of the Member Service Department who will be happy to assist you in the sign-up program.

### You must be signed up to take part in program

In an effort to provide short-term relief to the member for the high cost of electricity for residential electric space heating, the Cooperative will initiate the following plan for the 1986-1987 and 1987-1988 heating seasons. The usage period in which the electric heat credit will apply are December 15 to January 15, your February bill, January 15 to February 15, your March bill and

February 15 to March 15, your April bill.

The Cooperative will require each member to sign up for the credit by returning, by mail, the "sign-up card," which is inserted with this center section of the Illinois Rural Electric News, or come in to the Cooperative office and complete a sign-up card. (NOTE: No credit will be issued to any member unless the Cooperative has a signed card on file.) The Cooperative, in order to determine that the member actually uses electric space heating, will establish for each member a "base load." This will be the actual usage during the billing period from April 15 to May 15, 1986.

In order to receive a credit, the member must use more kilowatt-hours than the base load during the usage period of December 15 through March 15. All kilowatt-hours used in excess of the "base load," up to a maximum of 1,000 kilowatt-hours, will be allowed a credit in accordance with the following schedule:

#### 1986-1987 Heating Season

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the "base load."

#### 1987-1988 Heating Season

A 2.45 cent per kilowatt-hour credit up to a maximum of 1,000 kilowatt-hours used in excess of the "base load."

If, after the first year, the amount of credit given to the member for electric heat does not equal the total allocation given to the Cooperative by Soyland Power Cooperative, the Cooperative may change the 1987-1988 electric heat credit schedule to allow more credit, in cents, per kilowatt-hour.

We want you to have lower heating costs this winter — that's why this program was initiated. Don't delay, sign up for the new electric heat rate today.

# Thanksgiving smorgasbord

## BARBECUE SAUCE

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

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

## CHICKEN AND RICE

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

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

## RAISIN PIE

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

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

## AMAZING COCONUT PIE

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

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

## GINGER CRACKLES

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

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

## TEXAS HASH

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

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

## DUTCH MEAT LOAF

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

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

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

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

## STANDING RIB ROAST BEEF

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

## JAZZED-UP CANNED BEANS

### Ginger Peachy Baked Beans:

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

### Spicy Beans:

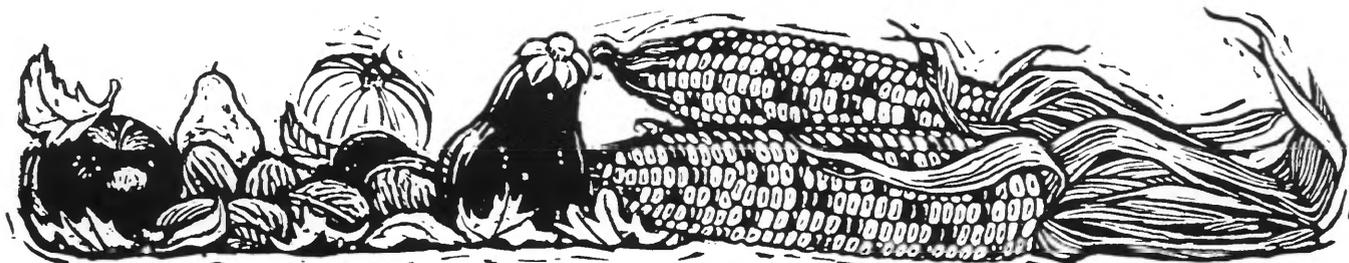
In a saucepan, stir together 2 cans (1 lb. each) beans in tomato sauce, 1/2 cup dark corn syrup, 3 tablespoons bottled steak sauce, dash of chili seasoning. Bring to boil, stirring frequently. Reduce heat and simmer uncovered about 25 minutes, stirring occasionally. Makes 4 to 6 servings.

### Saucy Baked Beans:

In 1 1/2 quart casserole or bean pot, stir together 2 cans (1 lb. each) beans in tomato sauce, 3/8 cup applesauce, 1/2 cup finely chopped onion, 1/3 cup dark corn syrup, 1 clove garlic, minced, 1 tablespoon prepared mustard, 1/2 teaspoon salt. Bake at 400 degrees 1 hour. Makes 4 to 6 servings.

### Beans and Franks:

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



# Clinton County Electric News

Clinton County Electric Cooperative, Inc.  
Breese, Illinois

618-526-7282



## HOLIDAY SEASON

Your board of trustees, myself as manager and the employees of the Clinton County Electric Cooperative want to take this opportunity to wish all of you a very "Merry Christmas and a very Happy and Prosperous New Year."

We hope that all of you will have the chance and time to enjoy these holidays with your family and friends.

During this holiday season, let's also try to forget our everyday worries, and the stress we all seem to be under, and enjoy those few days in the very best way we can.

As employees of the Cooperative, we enjoyed working for you, and again say, "Thanks for your wonderful support and cooperation during the past year."

We try to look at the members and employees of the Cooperative as "one big family," working together, and hoping to make life just a little bit better for all of us.

## AREA MEETINGS

Six area meetings are scheduled for January 1987. The meetings will be held in: Ferrin School Basement on January 13; Bartelso School Gym on January 14; Marydale Church Hall on January 15; Trenton VFW on January 20; St. Rose School Hall on January 21; and Albers Legion Hall on January 22.

More information will be mailed to you about the first week in January confirming these dates and locations. We suggest you make a note of the meeting

date in your area and then, please do us a favor and attend the meeting.

## OFFICE VISITS

During the winter season, when it's almost impossible to do any outside work and you're looking for something to do, I suggest you come to the office and visit with us for a little while. I found that it is impossible to visit each of you as I had originally planned to do, because there's just not enough hours in a day to accomplish this. I started to do this some years ago and found out that it took me all day to make two to three visits. Just too many things to talk about.

I always enjoyed working and visiting with all of you and I already know that after retirement, next year, I'll miss these visits and contacts most of all.

## NOMINATING COMMITTEE

The nominating committee will meet sometime in January 1987, to nominate three members to serve as trustees of the Cooperative for a period of three years. The tentative date for this meeting is Monday, January 19, 1987, at the Cooperative office in Breese. The confirmed date will be verified in a letter to all members sometime early in January 1987.

Those trustees whose terms will expire in March 1987, are: Kenneth Heinzmann, District 1; Marcellus Huelsmann, District 2; and James Klingelhofer, District 3.

All are eligible for another term.

## Low-interest loan program

The Cooperative is finalizing an agreement with the Rural Electrification Administration to promote energy conservation measures by its members.

Under this agreement, the Cooperative will be able to make low-interest loans for the installation of earth-coupled heat pumps to members who meet certain credit terms and conditions at 5 percent interest. The Energy Resource Conservation (ERC) loan pro-

gram will be available to not only residential members, but also to our commercial accounts who are wanting to install an energy-saving earth-coupled heat pump.

The Co-op will loan to the member 80 percent of the installed cost, up to a maximum of \$5,000, for a residential installation. Larger loans are available to the commercial members, after approval of the credit committee and/or

the board of trustees.

In conjunction with the low-interest loans, the Co-op will also offer a rebate to the members for installing the earth-coupled heat pump. The rebate is expected to be somewhere between \$500 and \$1,000 for each installation.

We urge those members who are

going to begin construction of a new home this spring to contact our office, before construction begins, to find out all of the details regarding the installation of an earth-coupled heat pump as it pertains to the ERC loan program and the rebate program.

## Advisory group a vital link

The Clinton County Electric Advisory Committee was formed in 1982 and serves as a link of communication between the Cooperative board of trustees and the Cooperative's membership.

This committee, serving in an advisory role only and without voting rights on the Cooperative board, continuously strives to help the Cooperative board of trustees provide the best possible electrical service at the least possible cost while still maintaining a strong financial structure.

The members of the advisory commit-

tee give input to the board of trustees on major issues such as rates, property and equipment purchases, facility improvements, insurance and other items of importance which might come up.

The advisory committee consists of 15 members divided equally among the three cooperative districts. The manager, member service advisers and chairman of the board of trustees serve as ex-officio members.

Members of the advisory committee include:

### DISTRICT 1

Dorothy Ahlf  
Robert Langenhorst  
Lois Brink  
Sharon Schneider  
Jake Davis

R.R. 4, Carlyle, IL 62231  
R.R. 1, Bartelso, IL 62218  
R.R. 1, Shattuc, IL 62283  
R.R. 4, Centralia, IL 62801  
R.R. 1, Patoka, IL 62875

### DISTRICT 2

Ruth Boeser  
Rodney Eads  
JoAnn Vonder Haar  
Jerome Kampwerth  
Oscar Dickhaut

R.R. 2, Trenton, IL 62293  
R.R. 1, Trenton, IL 62293  
R.R. 1, Breese, IL 62230  
R.R. 2, Carlyle, IL 62231  
R.R. 2, Trenton, IL 62293

### DISTRICT 3

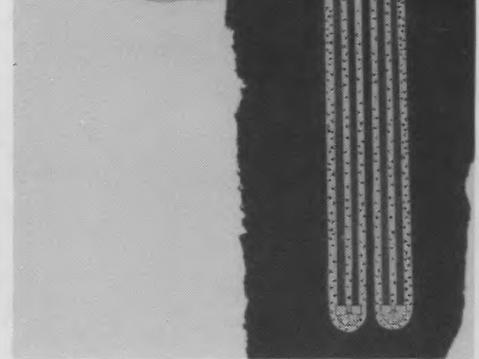
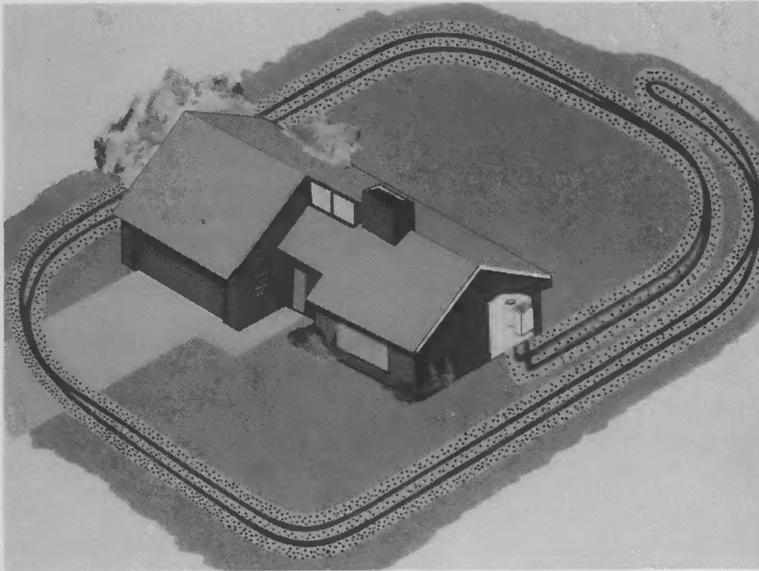
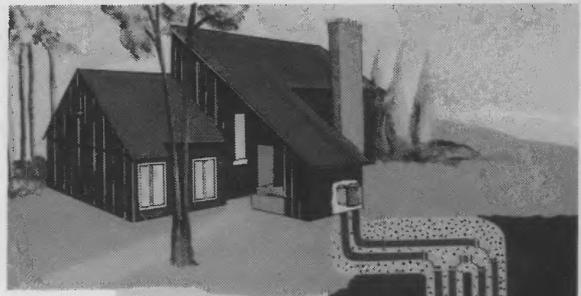
Joseph Ottensmeier  
Richard Holubek  
Vernon Mohesky  
Herbert Haake  
Mike Poettker

R.R. 2, Trenton, IL 62293  
R.R. 2, Trenton, IL 62293  
R.R. 1, Breese, IL 62230  
R.R. 1, Germantown, IL 62245  
R.R., Trenton, IL 62293

*Season's Greetings*  
*from the directors and employees*  
*of Clinton County Electric News*

### Vertical loop

*Of the two types of closed-loop installations, the vertical loop technique requires less space and affects yard and lawn less than the horizontal loop installation.*



### Horizontal loop

*The horizontal loop installation takes advantage of coupling the heat pump with a large area of earth and avoids having to drill a vertical hole.*

# What you should know about earth- coupled heat pumps

#### THE POSITIVE SIDE

1. There can be extraordinary energy savings — up to 70 percent in some cases.
2. Water source heat pumps do not require a defrost cycle in the heating mode. The defrost cycle and the related strains it puts on an air source heat pump have been directly linked to poor performance and shortened equipment life.
3. There is no outdoor equipment required. This solves the noise pollution problem outdoor fan coil units create.
4. While it is recommended that supplemental heat be used in many areas, the size and operation frequency is substantially reduced when compared to air source heat pumps.
5. If service should be required, the equipment is indoors, not outside where the serviceman is at the mercy of weather extremes.
6. The system provides year-round comfort; heating, cooling, dehumidification and a considerable portion of the hot water requirements.
7. It is a wise investment — there is

normally a rapid payback (two to seven years — depending on fuel/system comparison) and any home equipped for future energy conservation is more marketable.

8. Since there is no combustion, there is no chimney or flue requirement and no combustion gases in conditioned space.
9. Since the system sees no changes other than fluctuation in heating or cooling load requirements, the system's performance is not affected by changes in the weather conditions.
10. The system is all-electric — no valuable fossil fuels are consumed and there is no need for the expense of using a second utility; even if it's available.
11. The earth-coupled heat pump system has benefited from the attention given a growing technology. The systems are extremely reliable, utilizing components developed and incorporated after years of research, testing and experience.
12. Two-thirds or more of the heat energy used comes indirectly from the sun — a renewable, non-

- polluting energy source.
13. No defrost cycle and having the compressor indoors are two factors which contribute to the earth-coupled heat pump's long life. Studies have indicated an average life of 19 years for water source heat pumps — substantially greater than the average life of air source heat pumps.
  14. The polybutylene pipe used in closed-loop earth-coupled applications is warranted for 25 years, with an estimated useful life in excess of 50 years.
  15. If homeowners can spend an average of \$10,000 for home improvement projects (\$47 billion spent in 1981) with little or no payback value, the additional cost of an earth-coupled heat pump system is not a problem — it just requires customer education and awareness!

**THE NEGATIVE SIDE**

1. Initial first cost is higher than conventional systems (however, see positive point no. 7).
2. A common complaint of new heat pump owners is "the air feels cool." Individuals who have been accustomed to the warmer air temperatures provided by resistance

- or fossil fuel furnaces will notice that the air from the ductwork is cooler. However, moving air the same as or slightly warmer than body temperature will feel cool. This will not be a problem if you are forewarned. It is easy to understand that air entering a structure around 90-110 degrees Fahrenheit or more can warm it to 68-75 degrees or warmer if the equipment is properly sized.
3. Some people are concerned about heat pumps due to bad experiences with air-to-air heat pumps, especially in the northern portion of the United States, or based on early installations in the '50s or '60s.

**WHY ARE POWER COMPANIES SO INTERESTED IN WATER SOURCE HEAT PUMPS?**

1. Water source heat pumps are a great asset to power companies. They help the power company by reducing peak demand, filling usage valleys, load shifting, conservation, load growth and load shaping.
2. At design temperatures in northern climates air source units are generally running on a great deal of resistance heat. This aggravates winter peaking problems.

**1987  
Annual  
Meeting  
Craft  
Fair**

Clinton County Electric Cooperative, Inc. has scheduled its 1987 Annual Meeting for March 19, 1987, at Central Community High School, located on Route 50, just west of Breese.

Featured at this annual meeting will be a Craft Fair, allowing talented members to display their crafts and/or hobbies. Women's clubs or organizations, school children, 4-H groups, as well as individual members, are invited to share their talents by displaying their crafts and/or hobbies.

If you have any interesting craft items that you would like to display and/or sell, please let us know by filling out the form below and sending it to us. We will be contacting you later with more details.

I am interested in participating in the Annual Meeting Craft Fair.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ TELEPHONE \_\_\_\_\_

I AM INTERESTED IN DISPLAYING ONLY \_\_\_\_\_

I AM INTERESTED IN DISPLAYING AND SELLING \_\_\_\_\_

TYPE OF CRAFT(S) \_\_\_\_\_