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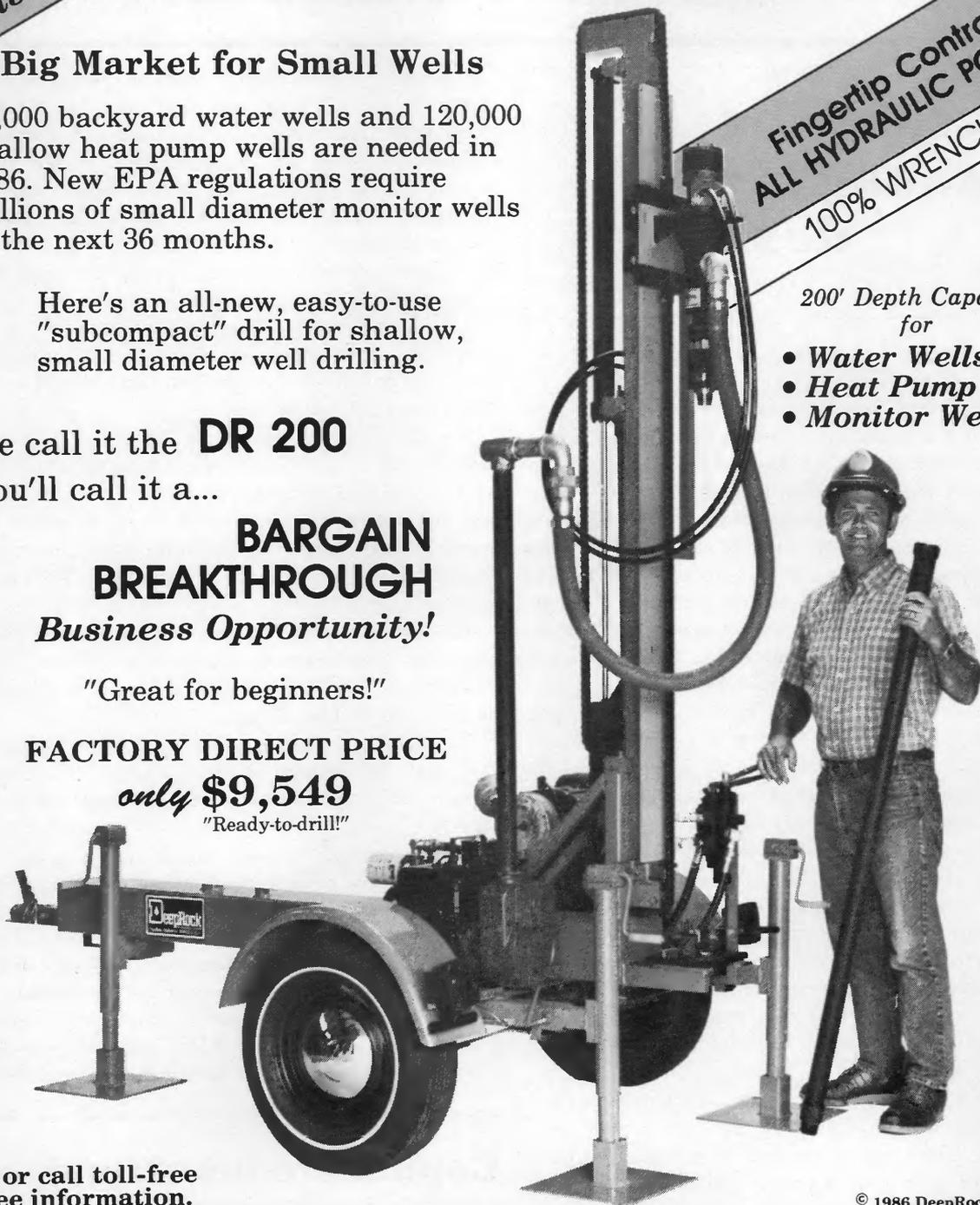
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MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Monroe Electric News

Across the manager's desk



Joseph J. Fellin

Please accept our best wishes for a prosperous and happy 1986.

1985 was a busy year for your Cooperative. During the year we built a new substation, transmission line and several three-phase distribution lines. This was in addition to construction of new services and maintenance of the system.

A new 5,000 KVA substation and five miles of 34,500 volt transmission line to feed the substation was completed during the year. The new East Carondelet substation and transmission line was built to improve the reliability of service in the northern portion of our service area. It will relieve some of the load on our Millstadt substation and improve the load condition on that substation.

In conjunction with the new substation, a new three-phase feeder line from Highway 3 at Coxeyville to the Gilmore Lake area was built. This allows us to feed the Millstadt substation from two directions, whereas before, in case of failure, we had no way to continue to serve members on that substation until it was repaired. Now we can loop-feed members served from the Millstadt substation from either the new East Carondelet substation or the Waterloo substation. Long range plans call for all of our substations to have the capability of being loop-fed.

Approximately three miles of single-phase line north of Red Bud was converted to three-phase. This conversion allowed us to split some of the load, again improving service to members in this area.

In addition to routine maintenance, we performed right-of-way maintenance by trimming and cutting trees under Cooperative lines. Late in the year we tested and treated poles and we again utilized a meter testing service to check and test meters on the system.

The office work force, as always, was kept busy with member billing and records, accounting and preparing monthly reports necessary for management of the Cooperative. During the year we installed a UTS on-line computer system that is tied in with Central Area Data Processing Center.

1985 was not a particularly good year for the Coopera-

tive financially. Power costs which account for over 70 percent of our operating costs continue to rise. We are now charged fixed costs of our power supplier, Soyland Power Cooperative, based on the percentage of KW demand Monroe County Electric places on Soyland's system during the winter months of December, January, and February, and for the summer months of July and August. The high KW demand placed on our system made the fixed portion of our wholesale power cost high.

Kilowatt-hour sales during the year are down, as of November, approximately 4 percent. The reduced kilowatt-hour sales coupled with high fixed costs, contributed to a higher cost per kilowatt-hour.

With the reduced sales and the loss of revenue, we struggled all year to generate adequate margins to maintain a TIER of over 1.5. TIER is a measurement which REA and CFC, our lenders, use to determine the Cooperative's ability to pay its debts. Simply put, TIER is our margins plus interest paid divided by the interest. A minimum TIER of 1.5 is required.

Adequate revenue must be generated through kilowatt-hour sales to insure adequate margins to meet the 1.5 TIER requirement. Therefore, if kwh sales are inadequate the retail cost per kwh must increase.

For 1986 and ensuing years, our goal is to reduce or level peak KW demand and increase kwh sales. This will improve load factor and help keep the retail cost per kilowatt-hour down.

We are working on load management programs which will be beneficial to both the members and the Cooperative. These programs will be announced in the next several weeks.

We too, are concerned about the rising costs of electricity and we intend, with your help and cooperation, to do something about it. Volunteer to control peak demand, volunteer to participate in our load management programs. If you do, you and all Cooperative members will benefit.

Capital credits refund

In last month's issue of the Illinois Rural Electric News, we advised that Capital Credit checks would be mailed in December.

Due to a delay in REA's and CFC's approval to issue the checks and securing of loan funds, they were not mailed as scheduled.

Approval has now been received and these checks will be mailed soon.

IHEAP help now available

The 1986 Illinois Home Energy Assistance Program (IHEAP) is now getting under way. The guidelines for the program are much the same as the 1985 program. Different counties are getting under way at different times.

Please check with one of the local agencies listed below for an appointment.

Upon making application be sure to take copies of your income for the past 90 days to the IHEAP office with you. Acceptable form of income records would be your employee check stubs, your unemployment records or employer verification for the past 90 days. If you are self-employed, bring your bookkeeping records for the past 90 days. If you are on welfare you must have your green card with you or a copy of your check.

If any of our members think that they may be eligible for IHEAP payment, please call the number in the county in which you live or the IHEAP toll-free emergency hot line at 800-252-8643.

Applicants will be helped on a first-come, first-served basis. All ages are eligible to apply. An overdue bill or a cut-off notice is NOT required.

When you apply for assistance, bring with you:

- Proof of your household's income for the past 90 days.
- A copy of your current energy bill (if you pay for your home energy directly)
- Social Security number of head of household.

ELIGIBILITY

Size of Household	Past 90 Days Income
1	\$1,641
2	2,203
3	2,766
4	3,328
5	3,891
6	4,453
7	5,016
8	5,578

Over 8 — Check with local or state IHEAP office

MONROE COUNTY

Monroe County General Assistance Office

509 W. Mill Street

Waterloo, Illinois 62298

Phone: 618-939-8681

Office hours: Monday, Wednesday, and Friday mornings

Illinois Department of Public Aid

123 W. Mill Street

Waterloo, Illinois 62298

Phone: 618-939-8615

*Western Egyptian Economic Opportunity Council
509 W. Mill Street
Waterloo, Illinois 62298
Phone: 618-939-8715

RANDOLPH COUNTY

Randolph County General Assistance Office

110 W. Jackson Street

Sparta, Illinois 62286

Phone: 618-443-3311

*Western Egyptian EOC

824 Swanwick Street

Chester, Illinois 62233

Phone: 618-826-3141

*Western Egyptian EOC

P.O. Box 7

Steeleville, Illinois 62288

Phone: 618-965-9031

Contact: Janey Willis

ST. CLAIR COUNTY

*St. Clair County Intergovernmental Grants Dept.

512 E. Main Street

P.O. Box 321

Belleville, Illinois 62222

Phone: 618-277-6790

Roy Skaer

Pr. du Long Twp. Sup.

R. 2

New Athens, Illinois 62264

Virgil H. Valerius

Smithton Twp. Sup.

R. 5, Box 138

Belleville, Illinois 62221

Wm. Schreiber

New Athens Twp. Sup.

913 Mill Street

New Athens, Illinois 62264

James E. Rains

Sugar Loaf Twp. Sup.

515 Florence

Dupo, Illinois 62239

Albert Vollmer

Millstadt Twp. Sup.

805 S. Lafayette

Millstadt, Illinois 62260

Earl W. Traub, Jr.

Stookey Twp. Sup.

10 Hilldale Dr.

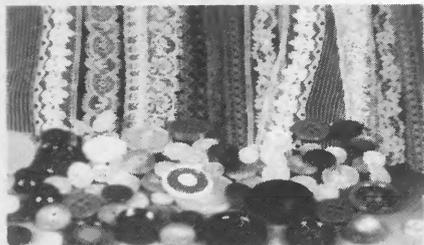
Belleville, Illinois 62223

*IHEAP Agencies

One degree = three percent

TEMPERATURE-COST RELATIONSHIP

Heating at	Based on 70 Degrees
68 degrees	Costs 6.2% less
69 degrees	Costs 3.1% less
70 degrees	Base temp.
71 degrees	Costs 3.1% more
72 degrees	Costs 6.2% more
73 degrees	Costs 9.4% more
74 degrees	Costs 12.5% more
75 degrees	Costs 15.6% more
76 degrees	Costs 18.7% more
77 degrees	Costs 21.9% more
78 degrees	Costs 25.0% more
79 degrees	Costs 28.0% more
80 degrees	Costs 31.0% more



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in less than 20 minutes!



- Controls nuisance growth in those areas you want to keep under control — but don't want to mow as often as your lawn!
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* Lady's Maul - for smaller logs, 11 Lbs.	10 Years	\$17.95	\$21.95
* NEW Economy Maul - Made similar to the imitations that come and go, but priced much less. 12 Lbs.	1-5 Years	\$14.95	\$18.95
* Deluxe Cushion Grip, for handle.		\$ 2.90	\$ 2.90
* Tree Lift-N-Saw.		\$26.94	\$29.97



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Artist's concept of Choremaster

Livestock operations may benefit from Choremaster

Given 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.



Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

Your Cooperative's 1986 annual meeting is scheduled for Monday, April 14, at the Waterloo Junior High School Gymnasium. We just want to remind you to mark your calendar now and plan to attend. It is your way of exercising your rights as a Cooperative member to participate in the business of the Cooperative.

A nominating committee, not yet appointed at this writing, will meet at the Cooperative office on Thursday, February 27, at 7 p.m. The nominating committee will be announced in the January-February issue of the Co-op Echoes. Three directors terms will expire this year. They are: Kenneth Stumpf, District 3; Walter Amann, District 7; and Preston Mosbacher, District 8. Stumpf and Amann are eligible for re-election. Mosbacher, 66, in accordance with Cooperative bylaws, is ineligible for election to the board.

In addition to nominees placed on the ballot by the nominating committee, nominations to the board of directors can be made by petition of 25 or more active members. Nominations may also be made from the floor at the annual meeting.

We don't want to ride a good horse to death, but through the month of February we are still in a "peak demand alert." Please alternate the use of major electric appliances, such as dryer, water heater, range, space heating, etc., during the peak morning hours of 6-9 a.m. and evening hours of 5-9 p.m.

We have asked you to volunteer to help shave peak, but what are we doing about shaving demand at the Cooperative headquarters? We have installed time clocks on both the office and warehouse heating systems, turning them off during the peak hours listed above. By doing this we hope to shave over 200 kilowatts from our peak. This could result in a substantial savings in our wholesale power bill for the year. We have also contacted our large power users, asking them to volunteer to curtail their operations during peak situations. We have had excellent response from these members. We know that everyone cannot reduce their demand, but some of us can. Please be alert for demand situations, usually the coldest days of the month, and

voluntarily cut back on the use of major appliances. It will help keep power costs down.

The new retail rate has now been in effect two months. We have had many calls and letters concerning the cost of electricity. We understand your concern. We too are concerned about the rising cost. Wholesale power cost makes up over 70 percent of our total cost of providing electric service to you. Your retail rate is based on a cost of power to the Cooperative of 6.9 cents a kilowatt-hour. Although we can't guarantee it, we do not expect a wholesale power cost adjustment (WPCA) this year.

We are working on programs to reduce system demand, sell off peak kilowatt-hours, and improve our load factor. Your board of directors has approved a "dual fuel" heat rate. We are still working on the mechanics of the program. However, if you are interested in the dual fuel program, please contact us at the Cooperative office. We will be happy to explain the program and work with you in implementing it in your home.



ANNUAL MEETING

7:30 p.m.

Monday, April 14, 1986

Registration beginning at 6:45 p.m.

Waterloo Junior High School Gymnasium

Water heater standards — new state law³¹

An act in relation to energy efficient storage hot water heaters.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 1. (a) No new storage hot water heater which is not certified as meeting the energy efficiency standards of the American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc., as set forth as the current ASHRAE 90 Standards, shall be sold or installed in the State after June 1, 1986; provided, however, that nothing contained herein shall prevent sales from being made in the State for use outside the State. Upon the effective date of this Act, no retail seller or distributor shall increase its inventory of storage hot water heaters which are not certified as being in compliance with the current ASHRAE 90 Standard, and all storage hot water heaters sold after June 1, 1986, shall be certified by the manufacturer, or the retailer, or both, as being in compliance with the current

ASHRAE 90 Standard.

The Department of Energy and Natural Resources shall provide technical assistance and information to retail sellers and distributors of storage hot water heaters doing business in Illinois to facilitate compliance with the provisions of this Act.

(c) Any violation of subsection (a) shall be a petty offense; provided a fine of not less than \$50 nor more than \$500 shall be imposed, and all fines shall be imposed consecutively. Each storage hot water heater sold in violation of this Act shall constitute a separate offense.

The ASHRAE 90 standard water heater is a higher efficiency water heater. It has less standby heat loss than the older non-compliance water heaters.

If you are in the market for a water heater, whether new or replacement, be certain that it meets the ASHRAE 90 specifications. If you have questions, please call the Member Service Department at the Cooperative.

Youth to Washington contest is under way

Two area high school students will be awarded all-expense-paid, one-week tours of Washington, D.C., the week of June 13-20 by Monroe County Electric Co-operative, Inc. Fourteen runners-up, two from each participating high school, will receive a \$50 U.S. Savings Bond.

Sophomore and junior students are encouraged to participate. Participating high schools are: Columbia, Dupo, Freeburg, Gibault, New Athens, Red Bud, Valmeyer and Waterloo. Of course, any sophomore or junior students whose parents are members of the Cooperative are eligible to compete regardless of where they attend high school. These students will be eligible to win the trip only.

To enter this year's contest, students must submit a 1,000-word essay titled "Rural Electrification — 50 Years of Service to Rural America."

Entry forms are available at your participating high schools or from the Cooperative office. Deadline for entry is March 17.

1986 Southern Illinois

Farm Materials Handling Show

March 4-5-6, 1986

Ina, Illinois

Rend Lake College

Which caulk is best for you?

Caulking compound comes in a variety of types, each with its pros and cons. When selecting caulk for use in a specific place in your home, be sure to read package labels for details on what surfaces it does and doesn't stick to, its ability to remain the same through all types of conditions and how long it remains effective.

Oil- or resin-base caulk: Low in cost, but has a short life span. Will adhere to wood/masonry/metal, but dries hard and is not recommended for cracks that expand and contract.

Latex-base caulk: Easy to use, paintable, good seal and adherence. Vinyl latex suggested only for interior use, and acrylic latex (slightly more expensive) may deteriorate if used in permanently wet spots.

Butyl rubber caulk: Excellent adherence to all surfaces, good water resistance. Some rubber caulks must "cure" for a week, and you can expect considerable shrinkage.

Elastomeric caulk: These include silicone, polysulfide, and polyurethane caulks — most expensive varieties,

excellent seal, very elastic in freezing weather. Somewhat harder to use; may require primer. Be sure to provide good ventilation during application.

Urethane foam: This spray foam is good for filling large cracks and provides a good insulating seal.

Fillers: To fill extra-wide cracks before caulking, you can use a ropelike material called oakum, or caulking cotton, sponge rubber, or fiberglass filler.

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
 - 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 3/4-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, grated
 - 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 grated 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 3/4-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.)
- 3 cups cooked rice
- 1/2 teaspoon Sambal (red pepper paste) OR 1/4 teaspoon crushed red peppers
- 1/2 teaspoon salt
- Black pepper to taste
- Paprika
- 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 Sambal 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 3/4-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
 - Maraschino cherries, optional
 - Green grapes
 - 14 peaches, fresh
 - 14 pears, fresh
 - 1/2 cup sugar to 1 quart fruit, (about 3 cups)
 - 9 teaspoons Fruit Fresh, (add to sugar)
- Put 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

Mix 1 cup vanilla ice cream and 1 cup self-rising flour together. Spoon into greased muffin tins and bake at 400 degrees til done. Do not substitute ice milk or all-purpose flour!

BAKED POPCORN CRUNCH

- 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 cups baking powder
 - 1 teaspoon soda
 - 1/2 teaspoon salt
 - 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.

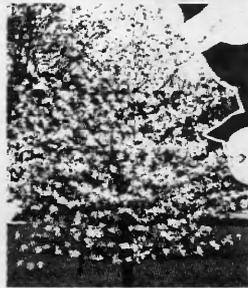
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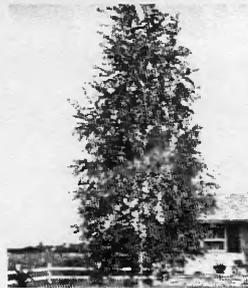
RED MAPLE (*Acer Rubrum* 4-5 ft.)
This is one of the most beautiful of all shade trees. Besides having brilliant scarlet red leaves in the fall of the year, it has another excellent trait - it is an extremely fast grower. It is very easily transplanted and many experts agree it will practically grow anywhere in the U.S.A. Grows up to 60 ft.
1 Tree ... 1.50 10 Trees ... 14.00



WHITE DOGWOOD (4-5 ft.)
Large white, single blossoms are conspicuous early in spring. The foliage is attractive all summer, and the fall colors beautiful. Red berries hang on most of the winter. Use as a specimen or in groups as a background for borders. Grows up to 30 ft. high.
1 tree ... 1.99 10 trees ... 19.00



TULIP TREE (4-5 ft.)
A large growing, hardy tree reaching heights of 80 feet or more. Its bright yellow leaves in the fall have tulip shaped flowers in the spring. Rapid grower.
1 Tree ... 1.50 10 Trees ... 14.00



WHITE BIRCH (4-5 ft.)
Many people know this eye catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in the fall provide showy colors. Height 60 feet, spread 30 feet.
1 Tree ... 1.98 10 Trees ... 17.50



SUGAR MAPLE (4-5 ft.)
The largest of all maples, its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness. A very hardy northern and southern tree - will grow up to 60 feet.
1 Tree ... 1.50 10 Trees ... 14.00



GREEN WEEPING WILLOW
4-5 ft. ... 1.50 ea. 10 for 14.00
This common Weeping Willow makes a large lacy tree with long branches weeping to the ground. Good for planting near water or as a planting accent alone or in groups of two or three in moist locations. Ultimate height 40 feet.

FLOWERING SHRUBS 1-2 Years Old

- Crepe Myrtle, Red, Pink, 1 ft. 1.25 ea.
- Spirea Van Houttei, 1-2 ft. ... 1.25 ea.
- Weigela, Red, 1-2 ft.95 ea.
- Bush Yellow,65 ea.
- Forsythia Yellow,75 ea.
- Red Flowering Quince, 1-2 ft. 1.25 ea.
- Persian Lilac, Purple, 1-2 ft.95 ea.
- Old Fashion Lilac, 1-2 ft. ... 1.25 ea.
- Hydrangea P.G., 1-2 ft.75 ea.
- Mackorange, White, 1-2 ft.60 ea.
- Pussy Willow, 1-2 ft.95 ea.
- Red Barberry, 1-2 ft.95 ea.
- Jap. Snowball, 1-2 ft. ... 1.25 ea.
- Blue Hydrangea, 1-2 ft. ... 1.25 ea.
- Azalea, White, Purple, Red or Pink 1/2-1 ft. ... 1.25 ea.
- Russian Olive, 1-2 ft.75 ea.

SHADE TREES - 1-2 Years Old

- Scarlet Oak, 3-5 ft. ... 2.98 ea.
- Ginkgo Tree, 3-4 ft. ... 3.98 ea.
- Pin Oak, 3-5 ft. ... 2.95 ea.
- Sweet Gum, 4-5 ft. ... 1.50 ea.
- Crimson King Maple, 3-5 ft.95 ea.
- Persimmon, 1-2 ft. ... 1.95 ea.
- Dawns Redwood, 1-2 ft. ... 3.95 ea.
- Jap. Red Leaf Maple, 1 ft. ... 3.95 ea.
- Hybrid Poplar, 3-5 ft. ... 1.75 ea.
- Red Oak, 3-5 ft. ... 2.98 ea.

BERRY PLANTS, Etc. - 1-2 Yrs. Old

- Blackberry, Thornless ... 1.75 ea.
- Black Raspberry, 1 ft.85 ea.
- Red Everbearing Raspberry, 1 ft. .75 ea.
- Dewberry, 1 ft.95 ea.
- Boysenberry, 1 ft.95 ea.
- Gooseberry, 2 yr., 1 ft. ... 1.75 ea.
- Figs, 1-2 ft. ... 3.98 ea.
- Cardinal Grape, 1 ft. ... 1.25 ea.
- Fredonia Grape, 1 ft. ... 1.25 ea.
- Niagara Grape, 1 ft. ... 1.25 ea.
- 10 Rhubarb, 1 yr. Roots ... 2.50
- 25 Strawberry, Blokemore or Tenn. Beauty ... 2.95
- 25 Gem Everbearing Strawberry 2.95
- 25 South Privet, 1-2 ft. ... 6.95
- 25 North Privet, 1-2 ft. ... 6.95
- 10 Multiflora Rose, 1-2 ft. ... 4.98
- 20 Asparagus, 1 yr. roots ... 2.75
- 10 English Ivy, 4-8 in. ... 3.00

STANDARD FRUIT TREES 1-2 Years Old

- Elberta Peach, 3-5 ft. ... 3.49 ea.
- Belle of Ga. Peach, 3-5 ft. ... 3.49 ea.
- J. H. Hale Peach, 3-5 ft. ... 3.49 ea.
- Hale Haven Peach, 3-5 ft. ... 3.49 ea.
- Dixie Red Peach, 3-5 ft. ... 3.49 ea.
- Golden Jubilee Peach, 3-5 ft. 3.49 ea.
- Red Haven Peach, 3-5 ft. ... 3.49 ea.
- Champion Peach, 3-5 ft. ... 3.49 ea.
- Loring Peach, 3-5 ft. ... 3.49 ea.
- Stayman Winesap Apl., 3-5 ft. 3.98 ea.
- Red Delicious Apple, 3-5 ft. ... 3.49 ea.
- Red Rome Apple, 3-5 ft. ... 3.49 ea.
- Red Jonathan Apple, 3-5 ft. 3.49 ea.
- Early McIntosh Apple, 3-5 ft. 3.49 ea.
- Red June Apple, 3-5 ft. ... 3.49 ea.
- Arkansas Black Apple, 3-5 ft. 3.49 ea.
- Early Harvest Apple, 3-5 ft. 3.49 ea.
- Lodi Apple, 3-5 ft. ... 3.49 ea.
- Grimes Golden Apple, 3-5 ft. 3.49 ea.
- Mutsu Apple, 3-5 ft. ... 3.49 ea.
- Granny Smith Apple, 3-5 ft. 3.98 ea.
- Yellow Trans. Apple, 3-5 ft. 3.49 ea.
- Manimarency Chy., 2 1/2-4 ft. 5.98 ea.
- Black Tartarian Chy., 2 1/2-4 ft. 5.98 ea.
- Early Richmond Chy., 2 1/2-4 ft. 5.98 ea.
- Bing Cherry, 2 1/2-4 ft. ... 5.98 ea.
- Governor Waad Chy., 2 1/2-4 ft. 5.98 ea.
- Kieffer Pear, 3-5 ft. ... 4.98 ea.
- Orient Pear, 3-5 ft. ... 4.98 ea.
- Bartlett Pear, 3-5 ft. ... 4.98 ea.
- Moonglow Pear, 3-5 ft. ... 4.98 ea.
- Maarpark Apricot, 2 1/2-4 ft. 2.98 ea.
- Early Golden Apricot, 2 1/2-4 ft. 2.98 ea.
- Sure Crop Nectarine, 2 1/2-4 ft. 2.98 ea.
- Garden State Nect., 2 1/2-4 ft. 2.98 ea.
- Damsun Plum, 3-5 ft. ... 3.49 ea.
- Methley Plum, 3-5 ft. ... 3.49 ea.
- Red June Plum, 3-5 ft. ... 3.49 ea.
- Santa Rosa Plum, 3-5 ft. ... 3.49 ea.
- Burbank Plum, 3-5 ft. ... 3.49 ea.
- Stanley Prune Plum, 3-5 ft. 3.49 ea.

DWARF FRUIT TREES - 1-2 Yrs. Old

- Dwf. Elberta Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Belle of Ga. Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. J. H. Hale Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Hale Haven Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Dixie Red Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Golden Jub. Pch., 2 1/2-4 ft. 3.49 ea.
- Dwf. Red Haven Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Champion Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Loring Peach, 2 1/2-4 ft. 3.49 ea.
- Dwf. Red June Apple, 2 1/2-4 ft. 3.49 ea.

DWARF FRUIT TREES Continued

- Dwf. Red Del. Apple, 2 1/2-4 ft. 3.49 ea.
- Dwf. Red Rome Apple, 2 1/2-4 ft. 3.49 ea.
- Dwf. Red Jonathan, 2 1/2-4 ft. 3.49 ea.
- Dwf. Early McIntosh, 2 1/2-4 ft. 3.49 ea.
- Dwf. Stayman Winesap, 2 1/2-4 ft. 3.49 ea.
- Dwf. Early Harvest, 2 1/2-4 ft. 3.49 ea.
- Dwf. Lodi Apple, 2 1/2-4 ft. 3.49 ea.
- Dwf. Grimes Golden, 2 1/2-4 ft. 3.49 ea.
- Dwf. Yellow Del. Apl., 2 1/2-4 ft. 3.49 ea.
- Dwf. Granny Smith, 2 1/2-4 ft. 4.49 ea.
- Dwf. Yellow Trans., 2 1/2-4 ft. 3.49 ea.
- Dwf. North Star Chy., 2 1/2-4 ft. 6.49 ea.
- Dwf. Montmorency Chy., 2 1/2-4 ft. 6.49 ea.
- Dwf. Bartlett Pear, 2 1/2-4 ft. 5.98 ea.
- Dwf. Kieffer Pear, 2 1/2-4 ft. 5.98 ea.
- Dwf. Burbank Plum, 2 1/2-4 ft. 3.49 ea.
- Dwf. Methley Plum, 2 1/2-4 ft. 3.49 ea.
- Dwf. Red June Plum, 2 1/2-4 ft. 3.49 ea.

EVERGREENS - 1-2 Years Old

- *White Pine, 1 ft.60 ea.
- Blue Rug, 4-6 inches ... 1.75 ea.
- Wax Leaf Ligustrum, 1/2-1 ft. .65 ea.
- Calarada Blue Spruce, 1/2-1 ft. .75 ea.
- *Canadian Hemlock, 1-2 ft.75 ea.
- Andora Juniper, 1/2-1 ft. ... 1.25 ea.
- Norway Spruce, 1/2-1 ft.75 ea.

NUT TREES - 1-2 Years Old

- American Hazel Nut, 3-5 ft. 2.95 ea.
- European Hazel Nut, 3-5 ft. 2.95 ea.
- Butternut, 3-4 ft. ... 4.49 ea.
- Chinese Chestnut, 3-5 ft. ... 3.95 ea.
- Hardy Pecan Seedlings, 1-2 ft. 1.50 ea.
- Stuart Pecan, Papershell, 2-3 ft. 8.95 ea.
- Black Walnut, 3-5 ft. ... 3.45 ea.
- English Walnut, 2-3 ft. ... 7.95 ea.
- Hall's Hardy Almonds, 3-5 ft. 4.98 ea.

BERRY PLANTS

- BLUEBERRIES - Bluecrop, Rubel, Bluecrop, Jersey, 1 ft. ... 2.98 ea.

FLOWERING TREES - 1-2 Yrs. Old

- Magnolia Grandiflora, 1/2-1 ft. 1.45 ea.
- Mimosas, Pink, 3-5 ft. ... 1.50 ea.
- Pink Flow. Dogwood, 2 ft. ... 7.95 ea.
- Golden Rain Tree, 3-4 ft. ... 2.95 ea.
- Pink Flow. Cherry, 3-5 ft. ... 5.95 ea.
- Flow. Crab, Red, 3-5 ft. ... 3.49 ea.
- Magnolia Saualangeana, 1-2 ft. 2.95 ea.
- European Mt. Ash, 3-4 ft. ... 3.95 ea.
- Red Flow. Dogwood, 2 ft. ... 7.95 ea.

NOTICE

We have a large amount of Apples and Peaches in 2 to 3 ft. size, the most popular varieties, that we are making you a bargain price on.

STANDARD APPLES

- Red Delicious, 2-3 ft. ... 1.75 ea.
- Stayman Winesap, 2-3 ft. ... 1.75 ea.
- Yellow Delicious, 2-3 ft. ... 1.75 ea.
- 10 Apple Trees for \$15.00

STANDARD PEACHES

- Belle Ga., 2-3 ft. ... 1.75 ea.
- Elberta, 2-3 ft. ... 1.75 ea.
- Hale Haven, 2-3 ft. ... 1.75 ea.
- Red Haven, 2-3 ft. ... 1.75 ea.
- 10 Peach Trees for \$15.00

DELIVERY DATE

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, New Mexico, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.

SPRING: January 15 - May 1
FALL: October 1 - December 1
ALL OTHER STATES
SPRING: March 1 - May 1
FALL: Sept. 25 - December 1

Our plants are nursery grown from cuttings, seeds or budded stock unless otherwise stated. These have never been transplanted. Those marked with (*) asterisks mean they are collected from the wild state. Plants are inspected by the Tennessee Department of Agriculture. This gives you a chance to buy at lower prices. You may order as many or as few plants as you wish. Send \$2.50 extra with order for postage and packing. **RUSH YOUR ORDER TODAY! TWO-WAY GUARANTEE:** We ship live plants packed well to reach you in perfect condition. However, sometimes a package gets lost and stays in transit a long time. In this case, in the Fall and Winter when plants are dormant, you can scrape on the bark and tell whether the plants are alive or not. If the bark is green, it is alive. We believe we have the best guarantee any mail order nursery could possibly offer. Here is our two-way guarantee. First guarantee - When you receive your order, if there are any plants in bad condition, you notify us immediately and we will replace absolutely **FREE**. Second guarantee - The reason we make this strong guarantee is because there is no reason any of the plants should die. However, if any fail to live within 12 months from the date of delivery, we will replace for one-half of the original purchase price, plus \$1.00 for postage and handling. No return of dead plants necessary. We guarantee our plants to be true to name and color. Anything that proves to be wrong color or variety, we will replace free.

SAVAGE FARM NURSERY

P. O. BOX 125 IL McMinnville, Tennessee 37110



AMERICAN REDBUD
4-5 ft. ... 1.98 ea. 10 for 19.00
The Redbud is often used as a specimen or to provide a high point in a shrub border. Branches are covered with small, pea-like, purplish pink blossoms before the foliage comes out in spring. Ultimate height 15 feet.



SILVER MAPLE
4-5 ft. ... 1.50 ea. 10 for 14.00
A very fast growing, soft wooded tree reaching a height of 50 to 60 feet. Leaves deeply cut and very attractive, being a silvery white underneath.



BURNING BUSH
1/2-1 ft.65 ea. 10 for 6.00
20 for 11.00 100 for 50.00
In the fall leaves turn a brilliant mirror bright crimson. A 4-5 ft. showpiece with unusual corky bark. Hardy in sun or partial shade.

SEMI-DWARF APPLES

We offer you eight of the most popular varieties of Semi-Dwarf Apples. They are the most productive tree and grow 12 to 15 feet tall. They give you more fruit per limb, more fruit per tree.
S.D. Red Delicious, 3-5 ft. ... 3.75 ea.
S.D. Stayman Winesap, 3-5 ft. 3.75 ea.
S.D. Jonathan, 3-5 ft. ... 3.75 ea.
S.D. Red Rome Beauty, 3-5 ft. 3.75 ea.
S.D. Golden Nuggett, 3-5 ft. 3.75 ea.
S.D. Golden Delicious, 3-5 ft. 3.75 ea.
S.D. Grimes Golden, 3-5 ft. 3.75 ea.
S.D. Lodi, 3-5 ft. ... 3.75 ea.



618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Monroe Electric News

Across the manager's desk



Joseph J. Fellin

Soyland and WIPCO seek lower power costs

"... of primary concern should be to maintain an economic climate which attracts new business and investments in central Illinois, and lightens the cost burden on small and medium sized farms, many of which already have faced serious financial difficulties.

... Congress should take particular interest in the crisis facing the Co-ops, since their share of the plant (Clinton) was funded by loans from a federal agency, the Rural Electrification Administration." (Congressman Richard Durbin, Winter 1986 Newsletter, Special Report)

Soyland Power Cooperative and Western Illinois Power Cooperative share Congressman Durbin's concern that cost overruns at the nuclear Clinton Power Station are driving up cooperative rates. Soyland and WIPCO realize their rates are higher than other utility companies and they are determined to make their rates competitive. Soyland and WIPCO directed their managements, with the help of professional accounting and legal consultants, to develop a program to maintain a reliable source of long-term power at competitive wholesale rates.

High interest

Soyland and WIPCO have the highest interest cost on money borrowed of all the generation and transmission cooperatives (G&T's) in the country — in excess of 11 percent of all debt. Soyland, unlike other G&T's, did not have access to 2 percent and 5 percent loans that were available to G&T's prior to 1973 through the REA revolving fund insured loan program.

Since Soyland did not borrow any major funds until the 1978 decision to purchase a 10.5 percent ownership share of the nuclear Clinton Power Station, Soyland's cost of borrowing is much higher than the average G&T. WIPCO

also has excessive borrowing costs since the major portion of its debt is connected with financing its 9.5 percent ownership share in Clinton, borrowed after the change in REA policy.

Because Soyland and WIPCO have a total investment in excess of \$900 million in their ownership shares of the Clinton Power Station, approximately half of which is interest, the cost of borrowing has a very significant effect on electric power rates.

Over the past decade, high inflation and high interest rates have caused construction costs at the Clinton Power Station to escalate dramatically. Those increases, combined with the cooperatives' high interest costs, have caused Clinton to become a tremendous financial burden for the cooperatives.

With Clinton projected to meet about 25 percent of Soyland's power supply needs, a decision had been made by Soyland to build a 450-megawatt coal-fired generating plant. In October 1982 the REA awarded Soyland a guaranteed loan for \$850 million to build the coal-fired plant on a site in Pike County. A provision was also made that Soyland finance \$150 million of pollution control bonds, thus the total plant cost would have approached \$1 billion.

Growth slows

In late 1982, as load growth slowed to a virtual standstill, both locally and nationally, the cooperatives took a long, hard look at the economics of building their own coal-fired power plant at a cost of nearly \$1 billion versus buying parts of existing plants from other utilities who unexpectedly were faced with excess capacity. A very difficult decision was made in 1983 to cancel the coal-fired project in Pike County and a compressed air energy storage (CAES) peaking plant so that rates could be more tolerable when the nearly \$1 billion investment in the Clinton Power Station was added to the rate base. Soyland and WIPCO have faced tremendous obstacles but, throughout both cooperatives' histories, each has tried to change direction as times changed, to the benefit of each member-consumer.

Cancellation of the CAES and Pike plants was only one piece in the cooperative's energy-supply, energy-cost puzzle. Obtaining additional funding to complete the Clinton Power Station was another piece. However, the most important part of an over-all solution to date is a contractual agreement with Illinois Power Company. The IP contract provided the cooperatives with a cap on Clinton construction costs, established a complete utility system under cooperative control with costs based on the actual installed cost of IP facilities, set up economic power supply

dispatching, and gave Soyland/WIPCO access to the IP transmission network.

Equity funding

Soyland and WIPCO showed continued financial responsibility when they implemented in March 1984 a plan called equity funding to help keep cooperative power supply costs as low as possible. Soyland and WIPCO are collecting \$80 million over a period of three years. By collecting this money now, the members of Soyland and WIPCO will save \$9.5 million per year in reduced interest cost, depreciation, taxes, and insurance over the life of the nuclear plant. This amounts to a considerable savings for each member of Soyland and WIPCO and will permanently reduce the cost of Clinton participation. And, during the first seven years of commercial operation of the Clinton Power Station, this money will be totally returned to the cooperatives in lower power costs.

Even with all of the steps Soyland and WIPCO have taken during the past few years to lower costs, more has to be done. Over the past year we have been working on a financial restructuring plan that will allow Soyland and WIPCO to keep rates competitive and stable, through the late 1980s and well into the 1990s.

Restructuring plan

Soyland and WIPCO realize that the member-consumers of the 22 cooperatives have been extremely hard hit by the agricultural recession. They also realize that cooperative electric rates are significantly higher than neighboring utilities and that with the commercial operation of the Clinton nuclear plant rates will continue to increase unless fundamental changes are made. Soyland and WIPCO therefore feel it is absolutely essential that a financial restructuring plan be approved.

Soyland and WIPCO met with the Rural Electrification Administration on January 28, 1986, to discuss the proposed financial restructuring plan and the effect restructuring could have on electric power rates for the 150,000 member-consumers served by Soyland/WIPCO's 22 member-cooperatives. The plan that was presented to REA was a draft proposal only, and may change significantly based on

REA reaction to it. It is crucial that REA recognize the necessity of approving a plan that will allow Soyland and WIPCO to deliver competitively priced electric power to their members. Our bankers must be aware that still-higher rates are unacceptable. The plan submitted to REA results in significant savings to the cooperatives totalling approximately \$33 million per year.

It is in the best interests of the federal government and the consumers of rural Illinois that a workable financial restructuring plan be approved and implemented by the Department of Agriculture and REA in conjunction with the electric cooperatives in Illinois.

Pooled operations

Since January 1, 1985, Soyland and WIPCO have operated as a single power-supply organization, combining personnel and energy requirements to gain economies of scale. They entered into a power coordination agreement with Illinois Power Company under which the cooperatives are receiving 400 megawatts of capacity from IP's fossil-fueled plants and have the right to use the company's transmission and subtransmission system. Other provisions of the agreement between Soyland/WIPCO and IP limit the cooperative's total direct construction cost in the Clinton Power Station to \$450 million.

Soyland and WIPCO have also implemented an incentive rate plan to market electricity to new industries that locate in their cooperative service areas. This marketing program will help attract industry to rural areas and provide jobs and economic development for the members utilizing the excess capacity Soyland and WIPCO have available for the next five years. This is but another step in the efforts of Soyland and WIPCO to remain competitive and to help develop rural Illinois job opportunities.

Soyland and WIPCO have made progress toward stabilizing electric rates to their members. However, they still feel rates are at totally unacceptable levels given the economically stressed rural members they serve. A financial restructuring plan is seen as another step toward ensuring competitive rates in rural Illinois. It is absolutely essential to the future of cooperatives in rural Illinois that a financial restructuring plan be implemented.

**ANNUAL MEETING SCHEDULED
APRIL 14**

**Waterloo Junior High Gym
7:30 p.m. Registration begins 6:45**

A P R I L						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Illinois Farmers Union

Farm policy, politics and mortgage burning highlight meeting

There were several highlights at the Illinois Farmers Union's 32nd annual meeting during February in Springfield. For many, a tiny bonfire topped the agenda — IFU burned the mortgage on its six-year-old building at 40 Adloff Lane in Springfield.

Several speakers, including Governor James R. Thompson and gubernatorial candidate Adlai Stevenson, addressed the meeting.

Harold Dodd, IFU president; Cy Carpenter, National Farmers Union president, and Bob Bergland, general

not listening very well.

"They're getting rid of rural post offices," he said, "because they're not paying their way. They want to get rid of rural bus and rail service because they're not paying their way, and they also want to dismantle the rural electrification program. It's been one of the most successful federal programs ever, but the Administration wants to get rid of it, too. In fact, the Administration wants to do away with virtually every government program that has a favorable impact on the rural

backs of rural people," Bergland charged.

Ending on a hopeful note, he said the present farm crisis is man-made and can be unmade by policy changes. "The rural electric cooperatives are in a situation a lot like yours," he said, "and we want to work with you, to get a farm bill and a rural legislative package that we can all live with. We have the membership and the know-how. We pledge our support in that effort."

Dodd discussed his organization's



Rodell Beaty, left, and Harold Dodd burn the mortgage.



Charles Schone

manager of the National Rural Electric Cooperative Association (NRECA), among others, spoke.

"Rural people are going to have to work together if they want to preserve their way of life and prevent the destruction of the family farm," said Bergland, who added in praise of Dodd, "He does a good job in Washington, telling legislators what they need to be told. But," he added, "judging from the actions of the Reagan Administration, Washington is

way of life," he told his enthusiastic audience.

Bergland suggested that there is a reason for the desire to decimate the rural areas. "The Administration, which has doubled the deficit in the last five years," he said, "now wants to reduce the deficit at the expense of rural people. The strong dollar is beating us to death in the international markets, in effect imposing a 40 percent tax on exports. They want to put the burden of deficit reduction on the

efforts to get a good farm bill passed, the law that actually made it through the legislature and why a good bill failed.

"Senator Tom Harkin, an Iowa Democrat, introduced a mandatory production control bill," Dodd explained, "and it would have allowed farmers to determine their own destiny in productivity. A lot of people believe that a mandatory production control system amounts to putting the government in the cab of every tractor

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.

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Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

For many years we have asked you to be aware of peak demand of electricity and voluntarily control the use of your appliances during the periods that peak demand is most likely to occur, usually during the morning hours of 7-9 a.m. and the evening hours of 5-9 p.m. on the coldest days of winter or the hottest days of summer.

We still ask that you be aware of and help control peak demand on the Cooperative system. Your Cooperative has implemented a marketing program aimed at providing members with the most efficient uses of electricity at the lowest possible cost, limit peak demand and its associated costs, maintain our present system load and achieve growth of efficient electricity usage, and help stabilize rates.

We seek to help you, the member, make the best use of electricity, through cost effective programs of off-peak usage.

We are officially announcing the implementation of our Dual Fuel Heat Program (see next page).

Your board of directors has approved a special Dual Fuel Heat Rate, effective through April 1, 1991. Several conditions must be met to qualify for this program: (1) A back-up dual fuel system must be installed. (2) Automatic controls must be installed to shut off the electric heating equipment at pre-set temperatures and relay switching equipment to activate the back-up heating equipment, and (3) A submeter must be installed to record the kilowatt-hours used for electric heat.

We encourage all members to give consideration to this new program. If you presently use gas or fuel oil to heat your home, you can take advantage of this special rate by adding electric duct or plenum heat, or an add-on heat pump to your existing system. These options are the least expensive to install.

If you currently have electric heat, you can save heating costs by installing a gas or fuel oil-fired furnace to your present electric heating system.

The new off-peak Dual Fuel Heat Rate is more than competitive with existing prices of other forms of energy. The payback for installation of the secondary source of heating should be between two to five years from savings in

annual heating costs.

CASH REBATE

To assist you in covering the cost of installing a Dual Heat system, the Cooperative will offer a \$250 cash rebate to you, after the system is installed and meets the specified requirements of the Cooperative.

WATER HEATER PROGRAM

We are also announcing a new Water Heater Program for Cooperative members.

Your Cooperative will stock and sell high efficiency "Extra Saver" Mor-Flo electric water heaters at a discounted price. These water heaters exceed the ASHRAE 90 specifications required by Illinois law.

We will have 66-gallon and 82-gallon water heaters available at the Cooperative and at several dealers in the service area. The dealers participating in the program will be announced later.

The price on the water heaters will be:

66 gallon — \$240 plus tax

82 gallon — \$270 plus tax

The Cooperative will give a \$125 rebate on water heaters installed on the Cooperative system. This makes a net price of \$115 plus tax for the 66-gallon and \$145 plus tax for the 82-gallon water heaters.

You may ask why we are selling only larger capacity water heaters. We are looking into a load management program to limit the use of the water heater during periods of peak demand. These larger capacity water heaters will give you more hot water for your convenience during the shut-down times (approximately three to four hours a day). We will keep you informed as our load management program develops.

Even without load control, these high efficiency water heaters will save operating costs because of their construction. They have two and one-half inches of R-20 foam insulation that improves standby loss to one-half percent.

We encourage you to come in and discuss these two programs with our Member Service Department. We will assist and give the details of these programs to you.

Cooperative personnel are working on other load management programs for water heater, air conditioning, and electric dryer control that will be designed to reduce peak and offer additional savings to you either through rebates on your electric bill or other rate incentives. We will announce these programs as they come available.

By offering these innovative programs with competitive rates, we hope to maintain and/or build load throughout the system, which benefits all members because increased kilowatt-hour sales coupled with reduced demand can produce stabilized or even lower unit costs.

DUAL HEAT

Save with the affordable choice

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. And conversely, if you have a gas or oil system, you can benefit by adding an electric system.

With the Dual Heat system, the air will be heated by electricity during most of the heating season. Your backup system, such as a propane gas or fuel oil furnace, will only take over when the outside temperature falls below a certain level, approximately 15 degrees. The changeover from electricity to the backup fuel is automatic as the system responds to an outside thermometer.

How much will it cost to install a Dual Heat system?

There are a number of Dual Heat options. Each system is different, depending on your existing heating system. When retrofitting an existing oil or gas hot air system, the cost can range between \$800 and \$1,500. In most cases the fuel savings help recoup the cost of installing the system in two to five years. After that, you keep the savings.

Your heating dealer, electrical contractor and the Member Services Department at Monroe County Electric Co-Operative can help you determine your needs and costs.

How much trouble is it to install a Dual Heat system?

In most cases, a Dual Heat system can be installed quickly and easily — usually in a day or two.

Who can participate?

Any members who agree to install a Dual Heat system which allows the electric heating system to be switched off when temperatures are below 15 degrees, during the cooperative's peak load period. The 15-degree point initially established may be adjusted slightly as conditions warrant.

What are the benefits of Dual Heat?

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 Dual Heat electric rate is available from your cooperative. This off-peak, or Dual Heat rate is 3.4 cents for the first 2,000 kilowatt-hours per month, and 3 cents for any electric use after that. There is also a \$2 monthly facilities charge.

This rate only applies to KWHs used in the Dual Heat application. Electricity to be billed under this rate must be metered by a submeter and be interrupted at the transfer point. The regular household consumption is still billed under the general service rate.

This rate is guaranteed until April 1, 1991, based on the cost of off-peak energy to Monroe County Electric Co-Operative of 2 cents per kilowatt-hour. If the energy cost should increase, it will be an insignificant amount.

What other energy supplier will guarantee the cost of energy until 1991?

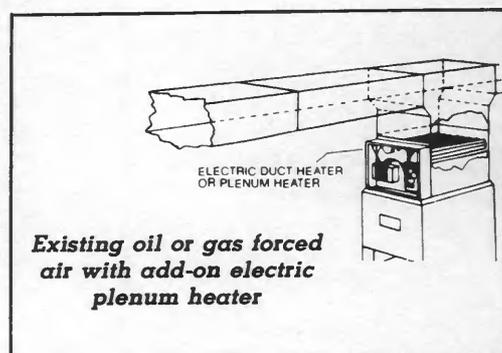
There's a Dual Heat system to meet your needs

There are a variety of systems for you to choose from. Some will be more compatible than others depending on your current heating system. Some of the common combinations include:

- Electric hot water boiler added to an existing oil or gas hot water system.
- Electric plenum heater or electric furnace, or a water or air source heat pump added to an existing oil or gas forced air system.
- Existing electric cable or baseboard heaters, with an add-on oil or gas forced air backup.
- Any electric heating option with an existing wood stove.

Help yourself, help your neighbors

By better insulating our homes, wiser personal use of energy and through programs like Dual Heat, we can help control our energy 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 Monroe County Electric Co-Operative 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.



April 1986

Monroe County Electric Co-Operative

Illinois Route 3 & Country Club Lane
P.O. Box 128
Waterloo, IL 62298
939-7171

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 books. Children may respond to a dangerous person who calls them by name.

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

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THE METROPOLITAN GUILD

The Metropolitan Guild for Collectible Art now offers you a unique opportunity to own limited edition works of art. We have commissioned renowned artists from around the world to create these one of a kind masterpieces. Our works of art are individually numbered, engraved with the artist's signature and produced in strictly limited editions; thereby ensuring their continued value.

THE METROPOLITAN GUILD DEPT. GF 43

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Name _____

Address _____

City/State _____ Zip _____

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-

tion 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.

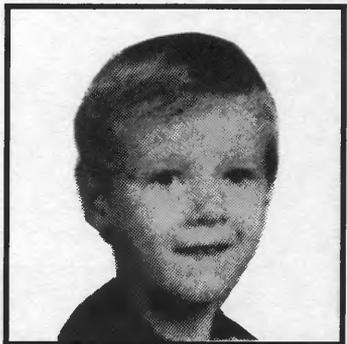
"We can't just abandon our efforts. We need to keep our Food for Century III efforts going, to find new ways to add value to our products, through processing, before we ship them. And we need to develop better seed and new crops. If we can't do anything to raise prices, maybe we can do something to lower 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:

1-800-222-1464

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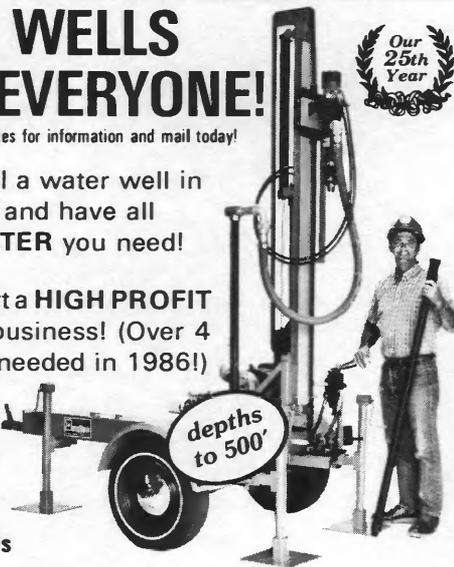
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Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

Since only a small percentage of you attended, we are using board president Robert Rippelmeyer's report to the members at this year's annual meeting as our manager's column this month.

At this time I did not have to consider too long any issues to speak on, as your board's concern and your responses have focused on our high rates.

Friends, we are concerned and I promise you we will make every effort possible to have the lowest possible rate and still maintain a financially sound organization for the future.

We do not need you to bring electric bills from our neighboring IOU's, city or co-ops for comparison. We are very aware and very concerned, however, we feel that with some actions that Joe will refer to, your cooperative will be competitive in electric rates and for certain will provide the best of service at the lowest possible cost in the near future.

This past year at our area meetings, we had some questions. I would like to refer to these questions and speak on them briefly. Why are our rates so high at this point? Answer — our participation, through Soyland, in the Clinton nuclear plant, the need to abandon the Pike project, very high interest rates, and the cost overruns, for whatever reasons, at the Clinton plant.

Why, when such an important decision is made as to our participation in Soyland and signing the "all needs contract," was the membership not asked to vote. Answer — your board, under the bylaws of your cooperative, are responsible for power contracts, loans from REA, and if need be, as was assessed in the early 70's, the participation in generating capacity for the future. However, had the board chosen to present all the facts that were available at that time to the membership and get a responsive vote, I feel confident our decision would have been the same.

We have been asked about our alternatives at the time. We have tried to explain on several occasions our limited possibilities, our long range planning, our very extensive feasibility studies, and the obvious decision at the time to

participate with Soyland. In all honesty, unless there is some satisfaction in assessing blame, let us move forward with a most positive attitude.

Why are we paying equity funding in our rates as high as they are? Answer — to cushion as much as possible the rate shock that would have occurred with new plant costs at one time. Had we, as stockholders who definitely had the obligation from Day 1, started to pay for generation as it was built, our rate increases would have been much less severe.

Brandon Jackson, REA representative for our area, and Chuck Gill, Governor of CFC, have both indicated publicly that any cooperative participating in building generation in the future would have equity funding from Day 1.

We, the cooperative, are being accused of enjoying a monopoly and members are requesting to pursue the possibility of being served by a cheaper source.

Friends, the Illinois legislative act of 1965 that divided territories, and the service area agreements that followed, allow you the member the cheapest possible energy, without paying for unnecessary lines. This was for your protection. It saved many hours of litigation, and many dollars in court costs that would have reflected in your rates. We, as a board, could not agree to serve new customers outside of our territory for many years when our rates were cheaper and our service much better. Therefore, we cannot, nor do we have the power to release members from our territory without having to answer to our total membership and our bankers, REA and CFC.

Allow me to ask you a question at this point. Would you sell your house with no place to live? Would you give up a much needed service not having a guarantee on what the new service would cost?

We have members that feel the cooperative today is unnecessary, that the IOU's could serve the area cheaper. Allow me to comment to these quite ridiculous statements. First, if we are to consider such a possibility, we need to consider the total service area, the member at the end of the line as well as the 100-member subdivision. The same people making the original suggestion also say they really do not care about the member at the end of the line. We cannot continue to ask for co-op loyalty without competitive prices and excellent service. This, we are quite sure, has been a fact and will return in the near future. I sincerely believe that we know we can serve these areas cheaper, the IOU's darn well know we can serve these areas cheaper, and I hope the membership realizes this truth before they destroy the entity from within.

Do you realize that the rate you pay for electricity

SAVE \$30 ON THIS SUMMER'S AIR CONDITIONING COSTS

Let us install a GE load leveler on your central air conditioner

Your Co-Operative is offering all members who have central air conditioning an opportunity to save \$30 on this summer's air conditioning costs, \$10 for each summer billing period from June 15 to September 15.

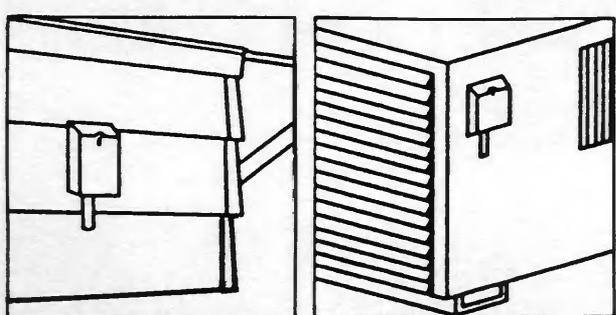
Here's how the program works. You will permit the Co-Operative to install a GE load leveler on your air conditioner.

The load leveler has two main components, a thermostat to sense outdoor air temperature and a percentage timer. At 90 degrees F the load leveler begins to regulate the on and off time of the air conditioner cycle. During periods of leveling, the unit operates on a 30-minute time base, allowing the air conditioner compressor to operate 22 and one-half minutes and cycle off for seven and one-half minutes during the 30-minute period.

Shut-down periods are not long enough to cause discomfort from temperature or humidity build-up in the home. During the leveling periods, the indoor fan runs continuously regardless of the on or off mode of the compressor. This maintains good air circulation in the home during these periods. Studies show only a slight rise in the interior temperature of the home. Most customers reported that they can't tell when the control devices are working and when they are not.

By signing up for this program, you will help the Co-Operative control its peak demand during the summer months and reduce its power costs. You will also get a \$30 reduction in your power bill for the summer.

Call or write us today, or fill out the coupon below and return to us.



The control may be located on the side of the house or on a vertical surface of the enclosure of the outdoor condensing unit, out of the path of discharge air. It is easily mounted by means of three screws. The weatherproof enclosure is made of durable GE Lexan® plastic. A locking slot for a meter seal provides protection against tampering.

— Yes, I am interested in saving \$30.00 on my air conditioning cost. Please have a Co-Operative representative contact me.

Name _____

Address _____

Phone No. _____

Return to: Monroe Co. Electric Co-Operative
P.O. Box 128
Waterloo, IL 62298

through your co-op pays cost of power, cost of distribution and that is all. All margins, if we have any, are allocated back to you, the member. Your board sets the rate only to cover costs and generate margins at a minimum level dictated by our banker.

Your board is your "citizens utility board," your own, very conservative commission, and sets a rate of return at one-third to one-half of what the Illinois Commerce Commission would allow.

Think with me a moment for the future. Many of our lines are 30 to 35 years old. If Illinois Power would be allowed a rate of return on actual costs in maintaining our 1,000 miles of line for some 4,000 members, if they would segregate these costs as probably the commission would insist, their new retail rate would have to be higher than anything you have experienced to date.

Are electrical energy costs really that high? Compared to what? — Oil and gas prices are cheap at this time. We still only have 65 years supply of oil. This too will change.

As we look into the future, we are troubled but optimistic that the strength of your cooperative will prevail. For the first time we have our own power supply. Hopefully Monroe County Electric can improve its load factor and Soyland management can assist in keeping our power costs at a competitive level. We know we can offer the very best service, we know we are an asset to the community, and we know our management is capable and responsive to your concerns.

In closing, I would like to thank you the membership for allowing us the board to serve you, and for your attention and your attendance at this meeting.



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 Cooperative Association, Steeleville; Southeastern Illinois Electric Cooperative, Eldorado, and Southern Illinois Electric Cooperative, 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



Two cooperatives select managers

Spoon River Electric Cooperative, Canton, and Menard Electric Cooperative, Petersburg, have selected new managers.

Gregory A. Campbell has been named executive vice-president and general manager of Spoon River.

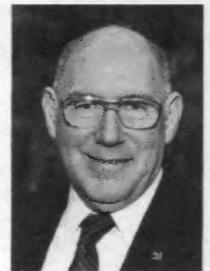
Campbell has been on the Spoon River Electric staff since March 1983. He was promoted to assistant

manager in March 1985. He assumed the position of acting manager last November following the retirement of William H. McCamey.

Campbell was raised in Canton and is a graduate of Canton Senior High School and Northern Illinois University, DeKalb. He served in the U.S. Army and is a veteran of the Vietnam war. He worked for Consolidation Coal Company and, prior to coming to Spoon River Electric, Campbell was personnel director at



Campbell



Smith

Peace River Electric Cooperative in Wauchula, Florida.

Dorland W. Smith is the new manager of Menard. He was named to the post May 19. Smith has been employed by Menard Electric Cooperative since 1958, serving as power use adviser, data processing supervisor and staff assistant.

Smith fills the vacancy created by the retirement of John Root, who retired from Menard Electric after more than 20 years of service.

Smith is a native of Laporte County, Indiana. He attended Western Illinois University and was graduated from the University of Illinois at Champaign with a bachelor of science degree in agricultural engineering.

Healthy, Wealthy and Wise!

It makes good sense to protect your assets, and your health is one of your most valuable assets of all. Your good health enables you to work and provide all the things you and your family need.



Now, while you're healthy, is the time to make sure that you're properly insured.

By planning ahead, you can help provide a financially secure future for your family, even when serious illness or injury strikes.

The following plans are available for electric cooperative and telephone cooperative members:

- Disability Income Protection • Major Medical Protection
- Cancer Cost Supplement • Mutual Care (for those 65 and over)
- Catastrophic Hospital Coverage • Life Insurance
- Basic Hospital Coverage with Maternity Coverage

These plans are underwritten by Mutual of Omaha and United of Omaha and available at Association Group rates.

If you'd like to know more, just fill out and mail this coupon.



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618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Monroe Electric News

Across the manager's desk



Joseph J. Fellin

Last month we used board president Robert Rippelmeyer's report to the members at this year's annual meeting. This month Cooperative manager Joseph Fellin's report is being used as our manager's column.

Tonight I want to take just a few minutes to discuss some new methods we are looking at in the way of load management and incentive rates.

As I explained before, the demand portion of the power bill or the fixed costs we pay are approximately five cents of the almost seven cents we pay for wholesale power. The cost of a kilowatt-hour purchased from Soyland by the 15 distribution cooperatives can and does vary from a low of 6.1 cents to a high of 7.1 cents. The difference is due to the load factor each individual system has, the poorer load factor paying more than cooperatives with a higher load factor. Load factor is determined by taking your highest hourly system peak and multiplying that figure of 8,760 hours in a year ($14,000 \times 8,760 = 122,640,000$). You then divide this figure by the number of kilowatt-hours you actually purchase annually and this becomes your system load factor. Load factor can also vary greatly based on the type of loads served. A cooperative with a large amount of commercial or industrial loads has a better load factor than co-ops that serve residential loads.

There are three ways to improve your system load factor: (1) you can increase your sales without increasing your demand, or (2) you can decrease your peak demand and try to retain your present sales, and (3) reduce demand and increase sales. The quickest way to reduce power cost is to reduce the demand side of the power bill and increase kwh sales. This can be done on a voluntary basis or it can be done through direct control of loads.

Our winter fixed costs or demand charges were reduced by approximately \$150,000 due to a reduction of demand needed in the winter months of December, January and February. This reduction came about through a milder winter, assistance of some of our commercial loads, and load controls we installed on our electric heat in our office and warehouse. Now a \$150,000 reduction in power costs is not

much in a \$4 million expenditure, but it's a step in the right direction.

Each member can help with this summer's allocation by avoiding the use of large appliances during the peak hours of 5-9 p.m. on those days when the temperatures are above 90 degrees.

I had several district meetings this year and members that attended these meetings were very understanding of our problems associated with the cost of new generation. Most members felt that our service during times of outages and the handling of other operational problems was excellent. The message I got back from you was "what can you do to help us reduce our monthly bill?"

There are several areas your board and management are now looking into. All have to do with off peak usage and/or load management control.

One program that has been approved recently is the Dual Heat program. Simply put, we will sell all off-peak energy for heating your home for 3.4 cents for the first 2,000 kwh and 3.0 cents for any kilowatt-hours over 2,000 each month. This rate is guaranteed through 1991. A pamphlet describing the various types of Dual Heat is available at the Cooperative office.

The board has also requested REA for approval of energy resource loans (ERC). The funds, if approved by REA, could be used by members to install energy conservation measures such as heat pumps, central heating or air conditioning, and other modifications which reduce oil or gas consumption. These loans, subject to board approval, will be at 5 percent with a maximum of \$3,000 over a five-year period.

The board has also approved a new program offering energy efficient water heaters. The cooperative will stock two sizes — 66 and 82 gallon. A rebate of \$125 will be paid to each member who installs a new energy efficient water heater. Members who replace a gas water heater with an energy efficient water heater will be given another \$35 wiring allowance.

We are presently looking at timers, radio control switches and other programs which would help reduce the loads on our system at our peak demand time. We will offer special rates and/or discounts to those members who will let us control certain loads in their homes, farming operations or commercial accounts.

In other areas of interest, the Soyland staff and board are working on a restructuring of their debt on the Clinton nuclear project. REA does understand that members of all of the REC's in Illinois that are tied to the nuclear plant

Load management programs

Your Cooperative has recently introduced several load management programs designed to reduce its system peak demand, and to save Cooperative members on their electric bill. Listed below is a brief description of each. Use the coupon below to receive more information.

DUAL HEAT PROGRAM

A system which 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, and conversely, if you have gas or oil you can benefit by adding an electric system. There are a number of Dual Heat systems available for you. Some will be more adaptable to your present heating system than others.

A very attractive Dual Heat rate is available. The off-peak rate, or Dual Heat rate, is:

Facilities Charge: \$2.00 per month
 Energy Charge: 1st 2,000 kwh month @ 3.4¢
 Over 2,000 kwh month @ 3.0¢

This rate applies to kwhs used in a Dual Heat application. Kilowatt-hours to be billed under this rate must be submetered and have the capability of being interrupted at the transfer point. The regular household usage will be billed under the current Schedule A Farm and Residential rate. The Dual Heat rate is guaranteed until April 1, 1991. The guaranteed rate affirms the intended longevity of the Dual Heat concept.

A \$250 cash reward will be made for adding electric heat for a dual system. This is available to any member adding new kilowatt-hours for off-peak energy sales. The installation must meet Cooperative specifications and following inspection and approval of the completed system, the cash bonus will be paid.

AIR CONDITIONER LOAD LEVELER PROGRAM

This is a new program developed by the Cooperative to reduce demand placed on the system by air conditioning loads. It also affords you the opportunity to save \$10 a month, up to \$30 on your air conditioning costs during the summer months (June 15-September 15).

The load leveler has two main components, a thermostat to sense outdoor temperature and a percentage timer. At

90 degrees F the load leveler begins to regulate the on-off time of the air conditioner compressor cycle. During periods of leveling, the unit operates on a 30-minute cycle, allowing the air conditioner compressor to operate 22½ minutes and cycle off 7½ minutes during the 30-minute period. Studies show only a slight rise in room temperature during the 7½ minute off cycle. Shut down time is not long enough to cause discomfort.

WATER HEATER PROGRAM

Your cooperative now has available "Energy Saver" water heaters for sale. These Energy Saver water heaters have R-20 insulation and exceed the AHSRAE90 standards required by a new State of Illinois Law (effective July 1).

Two sizes, 66 and 82 gallon water heaters, are available. The cost of the water heaters are:

66 gallon—\$240 plus tax 82 gallon—\$270 plus tax

A \$125 cash rebate will be given after installation is verified. If replacing a gas fired water heater, you will receive an additional \$35 cash rebate.

Call or send in the coupon below today.

Yes, I am interested in helping reduce peak demand. Please send information or contact me about the Cooperative load management programs marked below:

Send

Information

Call

Dual Heat program

Load leveler program for air conditioner

Water heater program

Name _____

Address _____

Phone No. _____

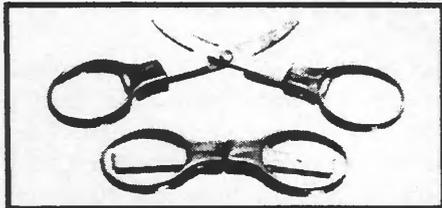
RETURN TO: Monroe County Electric Co-Operative, Inc.
 P.O. Box 128 Waterloo, Illinois 62298
 Phone — 939-7171

will have to charge rates that are not acceptable to Soyland, or the distribution cooperative members. The plan submitted to REA proposes a reduction of the present interest rate on a portion of the debt. It also proposes a 10-year delay in payment of principal and interest on another portion of the debt. If this proposal, or one similar to it, is approved Soyland and WIPCO costs could be reduced by an amount of \$33 million per year averaged over the first 10 years of the operation of the Clinton plant. There are many problems getting the loans restructured. We honestly believe at this time some type of new package will be put together that would level out our rates for the next 10 to 12 years.

This year the Federal Energy Regulatory Commission (FERC) approved the power supply agreement between

Soyland, WIPCO and Illinois Power. Another power supply agreement between Soyland, WIPCO and Central Illinois Public Service has been submitted to FERC for their approval. These agreements, along with the partial ownership of Clinton, should give the 22 cooperatives of Soyland and WIPCO a reliable base load capacity that will last to the mid 1990s and beyond. A successful restructuring of the Clinton debt should give us wholesale rates and retail rates that we could also live with.

I would be more than happy to discuss any or all of the items, or answer any other questions you may have. I want to thank you the member, the board of directors and the employees for your support and interest in this Cooperative, and I hope you can see that we are making a sincere effort to assist you as we go down the road together.



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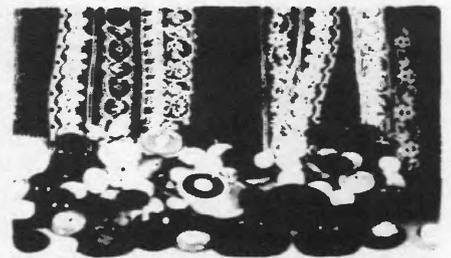
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LACE LADY 1602 Locust St. Dept. BL-959 St. Louis, MO 63103

After you leave the hospital, what then?

Recovery from some accidents or illnesses require more care than your family can provide. More and more doctors today are recommending the care of a skilled nursing facility. But your hospitalization insurance or Medicare may not cover care in a skilled nursing facility — even if your doctor prescribes it.

CNA's Skilled Nursing Facility Plan for people age 60 and older could be the answer.

It provides benefits in addition to Medicare or any other insurance you may carry that can be paid directly to you. There is no limit to the number of times you can receive benefits, and these benefits will not be reduced because of age. Find out more about CNA's Skilled Nursing Facility Plan.

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Name _____
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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.

You need to be careful to build enough of a grid to warm your home

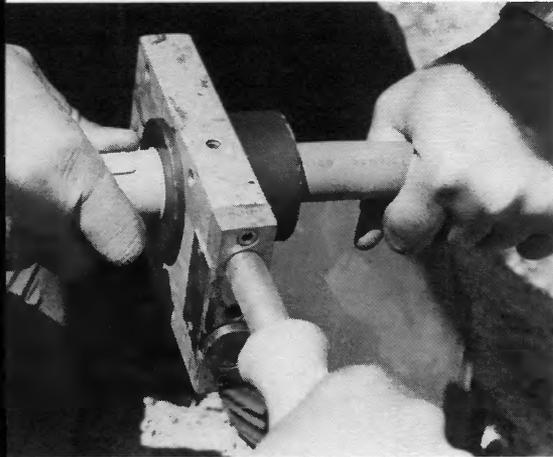
all winter, but not too much, or you'll be wasting money. There's no benefit to overdoing it.

"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 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.





Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

In previous issues of this center section and in the Monroe Coop Echoes newsletter, we have announced a dual heat program, a load leveler program for air conditioning and a water heater program.

These programs are designed to help reduce your Cooperative's kilowatt (kw) demand and ultimately lower the cost per kilowatt-hour (kwh) of electricity. They are also designed with incentives to assist you to reduce your monthly electric bill. We certainly hope, if you haven't already, that you will take advantage of these programs. Give us a call at 939-7171.

The earth-coupled heat pump is another new concept in home heating that you may want to consider. Most heat pumps are the air-to-air type. This means they move heat from the air outside your home to the air inside. Air-to-air heat pumps work efficiently to moderate outside temperature. As temperatures fall, they become less efficient and require supplemental heat. Even though they lose efficiency as the temperature drops, they are more economical than conventional heating systems.

Earth-coupled systems use water-to-air heat pumps. They use the earth as a heat exchanger via buried, water-filled plastic pipe. These systems make maximum use of the heat pump efficiency by taking advantage of the earth's constant temperature, about 55 degrees in our area.

By moving heat from a constant 55 degrees, an earth-

You can help control rising power costs

Ever stop to think about what you're paying for when you write out the check for your monthly electric bill? A good percentage of that bill goes to meet the "peak" energy demand of your electric cooperative.

The energy "peak" periods are the one or two times per day when consumers' use of electricity is the highest. The highest peak comes early in the evening on the hottest or coldest day of the year when electric cooperative members across the state come into the house, prepare dinner, turn up the air conditioning or the heat, depending upon the

coupled heat pump works at more constant efficiency. Most units move about three units of heat with one unit of electricity. This makes the earth-coupled heat pump 300 percent more efficient than a conventional electric furnace.

During hot weather the earth-coupled heat pump will cool your home more efficiently than a conventional air conditioner because it is moving the home's excess heat to the earth's relative cool constant temperature.

One of the drawbacks of the earth-coupled heat pump is the cost of the system. The earth-coupled heat pump, duct system and controls cost about the same as conventional heat pump equipment. The approximate additional cost of \$2,000-3,000 is for the underground pipe and its installation.

The underground system can be a horizontal or vertical loop system. The vertical loop system is obtained by drilling several deep holes (wells) in the earth and the horizontal system is attained by digging a trench four to six feet deep. The depth and number of the wells and the length of the trenches are determined by the heating and cooling equipment of the system being installed.

The payback on the additional cost of the system, in most cases, is from two to four years or more in savings in heating and cooling costs. Each installation is different and costs and paybacks will vary.

The earth-coupled heat pump system has been fully researched at Oklahoma State University. The life expectancy of an earth-coupled heat pump system is 15 to 20 years. The recommended heavy duty polyethylene or polybutylene pipe is warranted for up to 50 years.

With new innovation lowering the cost of installation and ensuring dependability, the earth-coupled system should be among the most economical ways of home heating.

We will be happy to assist you in obtaining information or assist you in locating a dealer or contractor.

season, and use electric appliances, lights and hot water, all at about the same time. Your cooperative needs enough generating capacity to meet the demand of members during these annual peaks. Your cooperative must pay for the fixed costs of this power generation system designed to meet peak loads, even though electric demands are lower during much of the year. For our cooperative, over 70 percent of the cost of wholesale power is demand-related. So by reducing peak demands, your cooperative can reduce its fixed costs paid for wholesale power supplies.

Keeping trees off lines important

One sure thing caused by mother nature is the growth of trees and brush. With nature also comes her elements leaving the danger that electrical lines have been destroyed during the wake of a storm. Something else that's being heard more and more across the countryside is the roar of chainsaws, and some of them are being used near electric lines.

Electricity is a natural servant, but it doesn't serve well when it makes contact where it shouldn't. Many times the cause of an electric line outage is listed as "trees in lines" or brush related. These outages, whether man-made or from the result of mother nature, are a constant problem to the Cooperative and are not only costly but cause inconvenience to you, the member without service.

Tree trimming is necessary to insure reliable electric service, to avoid wasted energy and provide safe conditions. We can understand why someone might at first object. It could involve a nice big shade tree at the edge of the lawn getting a short haircut.

The tree and brush trimming crew is not fond of it either. Why not trim the limbs just to the point of clearing the wires? All the miles of lines cannot be trimmed annually. The cost could only be reflected in higher prices for power. When trees are trimmed, it is hoped to be enough so that they will

not be back onto the wires in one growing season, or when the wind or heavy ice and snow bends them into the wires. This is the reason the trim-



ming might appear to be overdone in some instances.

Around the farm and home, trees often grow to the point they come into contact with power lines. This presents a problem when it comes time to prune or remove those trees.

When a tree falls or grows into contact with power wires, the electric power diverts and finds the easiest path to the ground through the branches

and trunk. Trees are full of moisture and moisture conducts electricity well. This causes valuable power to be wasted. Therefore, anyone who comes into contact with those trees such as yourself or loved ones is subject to tragic consequences, since the electric power can so easily go from the tree to the body coming into contact with it. Voltage in our overhead lines is 30 to 60 times more forceful than found in household circuits. It can kill instantly!

When a line is knocked down by your tree trimming, broken limbs or fallen trees — are they dead or do they still carry electricity through them? This question can only be answered by qualified and experienced power supply personnel, such as linemen. Everyone should consider any line down on a road, laying in a field, or tangled in trees as still carrying electricity until proven otherwise. Take precautions that no one comes in contact with the line or the object the line is touching.

There are some areas that are not always seen by our service crews. If you have a tree or brush in the power lines, take a few moments to jot down the location, type of clearing needed, and where you can be contacted. Send the information to our office or call us. This will speed up the brush clearing process considerably. Do not attempt to clear it yourself!

PHONE 939-7171

Plan now for electric heat, grain drying

Yes, that's right! Now is the time for making plans and arrangements for your electric heating and grain-drying needs for this fall.

As far as grain drying is concerned, we may have good weather with a perfect drying season and have no need for drying equipment. On the other hand, it is more likely that we will have a slow drying season, one with a lot of rain or high humidity. These elements are not conducive to grain drying. With the large capacity of the picker-shellers and combine operation over most of our corn-growing area, the problems of

grain drying can become acute. Most grain elevators have problems of handling the great number of bushels of grain coming to them and do not have the facilities to dry the grain. Thus, it is up to the individual area farmer to see the moisture content of the grain is lowered to an acceptable market level.

With the high interest cost of maintaining inventories, dealers and suppliers are understandably keeping inventories low. Now is the time for you to make a decision on your grain-drying needs. Grain bins, electric heating equipment and fans are not always available on demand. So, if you

plan now and place an order with your supplier you should be able to get delivery for this fall's crop.

It is important to plan now for your grain-drying and home heating needs. Your member service and engineering departments at the cooperative stand ready to assist and aid you in preparing plans for your needs in these areas. We will help determine heat loss and estimate annual costs for electric heat, and assist you in sizing equipment for grain drying and handling.

Call us at the cooperative office, 939-7171, for assistance in these two areas.

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 soufflé.

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
- Deep 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 8 oz. pkg. cream cheese, room temperature
- 2 teaspoons sugar
- 1/2 cup milk
- 3 1/2 cups non-dairy whipped topping
- 1 1/4 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
- 1 tablespoon prepared mustard, if desired

Topping:

- 2 tablespoons milk
- 2 tablespoons butter or margarine, melted
- 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

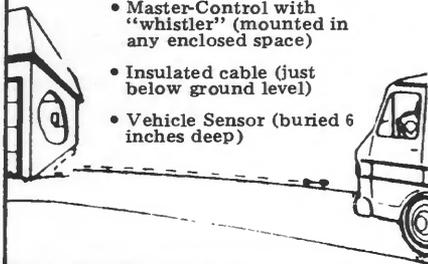
board and how to set up a retention team, to keep the businesses they already had. It's taking time and a lot of work, but they're turning things around."

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," Chilson 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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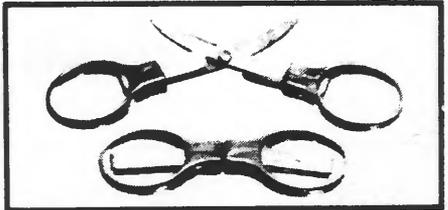
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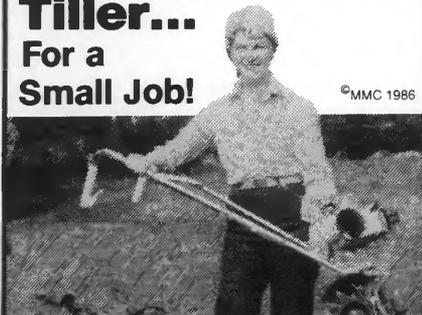
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Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC. WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

On Wednesday evening, July 9, approximately 2,150 members of Monroe County Electric Co-Operative experienced a power outage from 6:30 p.m. to 8:45 p.m. The outage was not caused by the Cooperative, but by an outage on an Illinois Power Company transmission line feeding our Waterloo switching station. We had to de-energize the switching station while repair work to the transmission line was performed.

This outage affected Cooperative members served by the Waterloo, Poe and Fults substations. Most of the southern

one-half of Monroe County was without power.

To compound the problem, we had a problem with our telephone service. Apparently, someone who called in on 939-7171 did not hang up their phone properly, keeping this one line open. Therefore, we had only one incoming line to receive outage calls. Some members say it took them almost two hours to get through to the office. We regret this inconvenience. With nearly 2,150 members out of service, the phone rings constantly. We answer all calls as promptly as possible.

On this evening there was a severe thunderstorm in the area. Some areas reported high winds and up to three and one-half inches of rain. Although we did not have damage resulting from the storm, there were a few storm related individual outages.

It is unfortunate that outages occur, most are unavoidable, but we assure you we do our utmost to keep them to a minimum and respond to outages as quickly as possible.

Speaking of outages, we are proud of our outage history at the Cooperative. During 1985, Cooperative members experienced an average outage time of 1.52 hours for the year. We grant that some of you were without electricity for longer periods, but some of you less.

Nearly one-half hour was related to our power supply. Equipment failure and overload accounted for .42 hours of outage time and storm related outages added .51 hours. Birds, squirrels and snakes on transformers and electric lines accounted for a small portion of the outages as did vehicle and machinery accidents causing damage to our electric system.

The national average for outage time per consumer/member for utilities is over five hours per year. With our average of 1.52 hours, we are well under the national average.

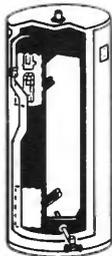
As we said, we are proud of our record. You should be, too!

SPECIAL BONUS

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Purchase a Mor-Flo Energy Saver
WATER HEATER

66 gallon **\$240⁰⁰** plus tax
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when installed on cooperative lines

Replace a gas water heater
and earn additional **\$35⁰⁰** rebate!

Call **939-7171** for details

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For Emergency Call 939-7171

DUAL HEAT

Save with the affordable choice



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. And conversely, if you have a gas or oil system, you can benefit by adding an electric system.

With the Dual Heat system, the air will be heated by electricity during most of the heating season. Your backup system, such as a propane gas or fuel oil furnace, will only take over when the outside temperature falls below a certain level, approximately 15 degrees. The changeover from electricity to the backup fuel is automatic as the system responds to an outside thermometer.

How much will it cost to install a Dual Heat system?

There are a number of Dual Heat options. Each system is different, depending on your existing heating system. When retrofitting an existing oil or gas hot air system, the cost can range between \$800 and \$1,500. In most cases the fuel savings help recoup the cost of installing the system in two to five years. After that, you keep the savings.

Your heating dealer, electrical contractor and the Member Services Department at Monroe County Electric Co-Operative can help you determine your needs and costs.

How much trouble is it to install a Dual Heat system?

In most cases, a Dual Heat system can be installed quickly and easily — usually in a day or two.

Who can participate?

Any members who agree to install a Dual Heat system which allows the electric heating system to be switched off when temperatures are below 15 degrees, during the cooperative's peak load period. The 15-degree point initially established may be adjusted slightly as conditions warrant.

What are the benefits of Dual Heat?

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 Dual Heat electric rate is available from your cooperative. This off-peak, or Dual Heat rate is 3.4 cents for the first 2,000 kilowatt-hours per month, and 3 cents for any electric use after that. There is also a \$2 monthly facilities charge.

This rate only applies to KWHs used in the Dual Heat application. Electricity to be billed under this rate must be metered by a submeter and be interrupted at the transfer point. The regular household consumption is still billed under the general service rate.

This rate is guaranteed until April 1, 1991, based on the cost of off-peak energy to Monroe County Electric Co-Operative of 2 cents per kilowatt-hour. If the energy cost should increase, it will be an insignificant amount.

What other energy supplier will guarantee the cost of energy until 1991?

There's a Dual Heat system to meet your needs

There are a variety of systems for you to choose from. Some will be more compatible than others depending on your current heating system. Some of the common combinations include:

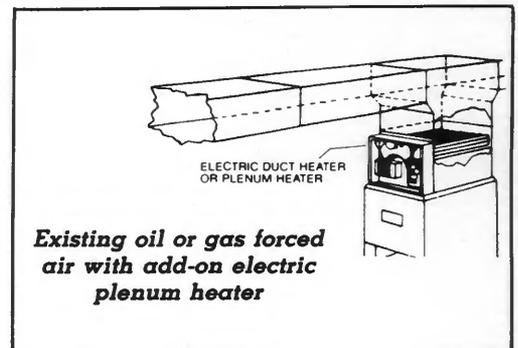
- Electric hot water boiler added to an existing oil or gas hot water system.
- Electric plenum heater or electric furnace, or a water or air source heat pump added to an existing oil or gas forced air system.
- Existing electric cable or baseboard heaters, with an add-on oil or gas forced air backup.
- Any electric heating option with an existing wood stove.

Help yourself, help your neighbors

By better insulating our homes, wiser personal use of energy and through programs like Dual Heat, we can help control our energy 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 Monroe County Electric Co-Operative 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.

\$250 CASH BONUS

A \$250 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.



Monroe County Electric Co-Operative

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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.

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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 f-a-s-t growing shade tree or RETURN AT ANYTIME within 90 days for a full refund of purchase price... ANYTIME within 1 year for free replacement. Could anything be fairer? Now is the time to order and replant—so send no-risk coupon today!

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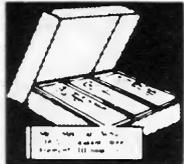


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Just a few minutes planting time—a few seasons' growing time, rewards you with twin towers of beauty.

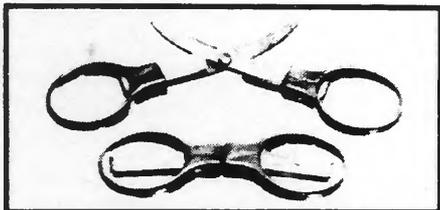
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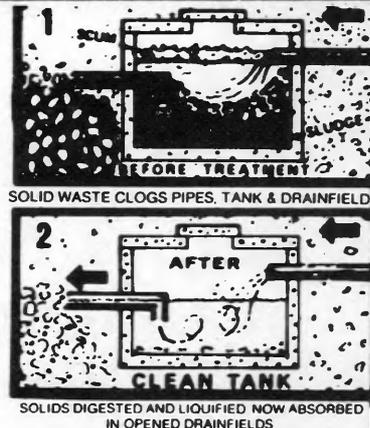
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| Oct. 18 - Donny & Marie Osmond | Nov. 29 - Brenda Lee |
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Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

Over 4,200 families receive electricity from Monroe County Electric Co-Operative and are members of the Cooperative. All of these know we are an electric utility and most know that MCEC is a rural electric cooperative. But I suspect there are some who do not realize what type of an organization they belong to, and their rights and responsibilities in that membership, particularly our newer members.

When you joined Monroe County Electric Co-Operative, you agreed to purchase all your electricity from the Cooperative. You also agreed to read your own meter monthly and abide by the bylaws and policies of the Cooperative.

At the same time, the Cooperative agreed to furnish electricity to you at the lowest possible cost and to operate the Cooperative for you and the other members in a sound business-like manner. The Cooperative is operated non-profit. Any money taken in by Monroe County Electric Co-Operative in excess of the cost of supplying electricity is credited to your capital credit account, and eventually will be returned to you.

You as a member of the Cooperative have certain privileges and responsibilities not found in an investor-owned utility. You have a say in the business. You have the privilege and responsibility to elect the board of directors of the Cooperative at the annual meeting of members held each Spring. You have the additional right to participate in conducting the business of the Cooperative at the annual meeting and to voice your opinions and concerns on the operation of your business.

The directors are members like yourself, elected by other members. This group of members set the policies of the Cooperative, including setting the electric rates charged by the Cooperative.

Monroe County Electric Co-Operative is not regulated by the Illinois Commerce Commission or the Rural Electrification Administration (REA). REA does have some authority over the Cooperative, in that the Cooperative borrows money through REA's Revolving Fund, and REA approves Monroe County Electric Co-Operative's rates to

ensure we will be able to repay those loans.

The directors and management of the Cooperative are very prudent with your money. We do not waste any of it. Over 70 percent of our revenue goes to purchase wholesale power from our power supplier Soyland Power Cooperative, of which we co-own with 14 other Illinois electric cooperatives. The other 30 percent (approximate) is used for maintenance, operations, administrative, interest, taxes and other expenses. We assure you we are doing what we can to keep these controllable costs to a minimum.

The main things you need to remember about your electric Cooperative are that you are an owner, you have the right and responsibility to vote for directors, you have a say in how your Cooperative is operated, and the Cooperative is operated non-profit in a business-like manner.

SPECIAL BONUS

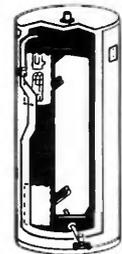
Available to Members of

Monroe County Electric Co-Operative

**Purchase a Mor-Flo Energy Saver
WATER HEATER**

66 gallon **\$240⁰⁰** plus tax

82 gallon **\$270⁰⁰** plus tax



**Receive \$125⁰⁰ rebate
when installed on cooperative lines**

***Replace a gas water heater
and earn additional \$35⁰⁰ rebate!***

Call 939-7171 for details

Safety accreditation received

Monroe County Electric Co-Operative was recently awarded accreditation under the Rural Electric System Safety Accreditation Program. To receive this coveted award the Cooperative must meet criteria set forth by the Safety Accreditation Program and submit an application for accreditation. The Cooperative must show an obvious dedication to accident prevention and safety training not only by the board and management, but by the employees themselves.

Your board of directors adopted a resolution to accept safety as part of the Cooperative's total operations and directed management to take the action necessary to meet requirements for accreditation. Your board of directors affirmed to follow the Safety Practice and Procedures set forth in the safety manual of the Association of Illinois Electric Cooperatives (AIEC).

The Cooperative believes strongly in a good safety program and regular attendance of employees at the Job Training and Safety Conference through the AIEC, along with attendance in specialized training at the AIEC sponsored Hot Line, Underground and Meter Schools.

Employee input into improvements in our safety program is encouraged. Quarterly safety meetings provided by the AIEC are conducted by professional safety personnel from the AIEC for all linemen and supervisory employees. Periodic safety programs are held by the Cooperative for all employees on safety practices at home and at work, CPR training, first aid, and other safety-related topics.

A health screening test was provided by the Bi-County Health Department for all employees. The program consisted of testing hypertension, diabetes, urinalysis and hemoglobin screening. The testing provided health education, identification of potential health problems, and counseling with the employees explaining the results of the tests and long term follow-up of negative results, if any.

The Cooperative has a continuing program for annual dielectric and structural tests on line trucks, monthly testing of rubber gloves, semi-annual inspection of cover up material, and annual inspection and recharging of fire extinguishers in all vehicles and in the office and warehouse. The Cooperative also provides safety glasses to

employees.

The Cooperative is involved in the Medical Air Rescue Corps. By being located within a 30-mile radius of the best burn centers in the country, helicopter transportation from the accident site to a burn center will be provided if needed. Most electric contact accidents result in burns as well as other physical damage.

Your Cooperative recently received a President's Citation from the National Safety Council for operating without a death or case involving days away from work for 63,809 employee hours from January 1, 1984, through December 31, 1985. We are pleased that we have not had any lost time accidents through August 19, 1986.

The Cooperative will make safety programs available to schools, civic groups and organizations in the area. Most recently, we presented a fire fighter's safety program to the Hecker and Smithton Fire Departments.

Accreditation not only shows that we have a strong safety program to protect our employees from accidents and injury, but there is also a substantial savings in our insurance costs.

Energy resources conservation loans

Monroe County Electric Co-Operative may now make low-interest, 5 percent loans to qualifying cooperative members for a variety of uses related to electric heating and energy efficiency.

The purpose of the energy resources conservation (ERC) loans is to provide low-cost financing for the cost of materials and labor to install: (1) add-on heat pump systems (including water source heat pump) that reduce the consumption and demand of electricity in existing homes, (2) heat pumps and central heating or air conditioning system replacements and modifications that reduce oil or gas consumption where the primary heating system is electric and the secondary heating system is gas or fuel oil, (3) Dual Heat systems, and (4) other energy conservation measures.

ERC loans will not be provided to refinance existing obligation or to finance the cost of heating and energy conservation measures in new construction. ERC loans will be made for conversions and retrofitting only.

If the member installs the materials, the ERC loan will be limited to financing of the material only. No ERC loans will be provided for member labor.

So as to make ERC loans to a maximum number of members, yet provide sufficient funds for authorized uses, the cooperative may loan up to \$3,000 but not less than

\$500 to a member on an ERC loan.

The maximum period for pay back of the ERC loan will depend on the amount of the loan as set forth below:

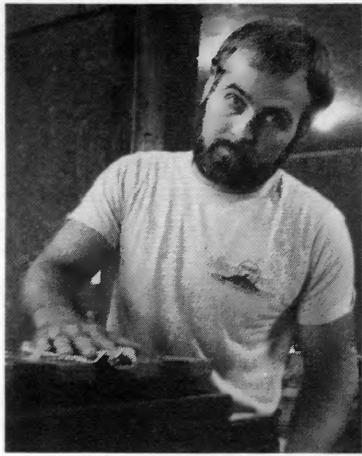
Amount of Loan	Maximum Period for Pay Back
\$500 to \$3,000	60 months

However, monthly minimum payment will not be less than \$35 per month.

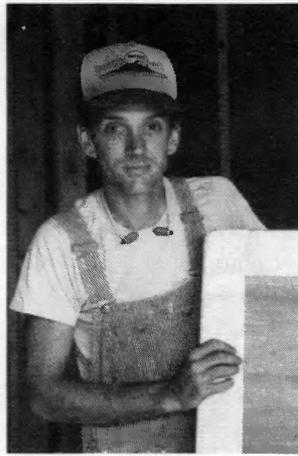
Subject to the maximum period set forth above, ERC loans will be paid back in equal monthly installments, including principal and interest, with interest to be at 5 percent per annum on the unpaid balance.

Each member requesting an ERC loan must complete an ERC loan application and fill out an ERC credit application. The cooperative will approve the loan only after credit worthiness is established and after we are satisfied that the proposed use of the loan meets reasonable installation, material, and performance standards for installation in existing structure and will be cost effective and reduce the consumption of energy resources.

Loan funds will not be advanced until the work has been completed and properly performed. This ERC loan program will tie in nicely with our Dual Heat program. If interested and if you think you can qualify for ERC loan, contact Willard Wiggers, Director of Member Services, 939-7171.



Ben Kruger



Chris Cassidy

Quality woodwork

“I learned that I enjoyed woodworking more than I liked building houses.”

The people at Beaver Creek Woodworks are working today, building tomorrow's heirlooms. Ben Kruger, Chris Cassidy and Becky Meyer work with top-quality hardwoods to build carefully crafted woodworks designed from the ground up to be pleasing to the eye, functional and to last for many decades.

Their shop, which is served by Adams Electrical Co-Operative, is on Highway 96, just south of Quincy.

“We try to use the old-fashioned joinery methods,” Chris says, “where the pieces we make are held together by good joints, rather than simple butt joints and nails or screws. They're kind of like Chinese locking puzzles in that you have to work at it, sometimes, to find out how to disassemble them.”

In some of today's furniture factories, butt joints, nails, screws and sometimes staples are used to speed the mass production process and help keep costs down. The same process also makes for furniture items that will never make it to antiquity, the partners say. To them, an antique is not just something old, but a work of art that has aged.

“Nails gradually work themselves out,” Chris says, “and you can bet that a piece put together at the turn

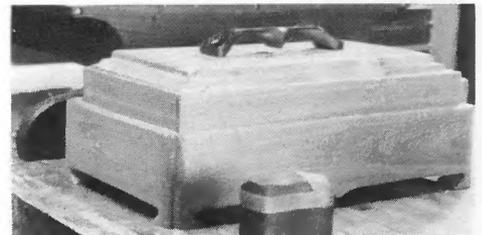
of the century with nails or screws has either been rebuilt or needs to be. This is especially true of chairs, tables and furniture people use a lot.”

Ben, who dreamed up the idea of the shop, got into quality woodworking in a backhanded sort of way. Trained at the University of Illinois in home design and construction, he ran across a friend who knew woodworking and wanted to learn some of the finer points of home building. The friends agreed to swap skills. “I learned that I enjoyed woodworking more than I liked building houses,” says Ben, who has a tad of poetry and a shovel-ful of artistry in him. “I like the Louis Nizer quote,” he says, “that goes like this: ‘A laborer works with his hands. A craftsman works with his hands and mind, and an artist works with his hands, his mind and his heart.’”

Chris, who had held a series of repair and add-on jobs for area contractors, was talking with Ben, who had come up with the idea of a quality woodworking shop sometime before. “It seemed like a good thing,” he says, “and I wasn't doing anything else really interesting, so I decided to get in on the venture.”

Both are still working to improve their skills, by reading books and magazine articles in trade publications, and by trying new ideas in the shop.

“It's extremely important in quality woodwork to preserve the integrity of the grain,” Ben emphasizes,



A carefully crafted jewelry box awaits the final touches before going out to a buyer.

“along with using careful joinery techniques.”

“I'll only be able to produce so many pieces in my lifetime,” he adds, “and I want to remember and savor the challenges presented by each one.”

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?

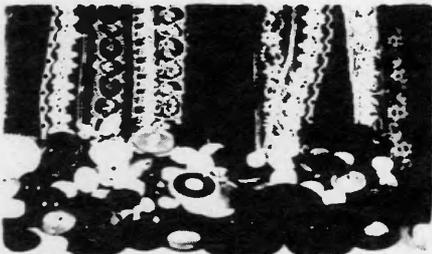
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David Horowitz' Consumer Report Show
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Monroe Electric News

618-939-7171

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.

WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

Realizing that the cost of electricity is high, your board of directors and management have studied ways to help our members control the cost of their electric bills.

We have repeatedly discussed with you the impact that peak demand has on our Cooperative and its wholesale power cost. The demand charge makes up over 70 percent of our power bill, whereas the energy (kilowatt-hour) charge is less than 30 percent of our bill. Therefore, it is imperative that we develop programs designed to reduce our system demand and improve our load factor to keep our wholesale power cost at a lower level.

Following are some of the programs we have initiated. It is not the intent to give full details of the programs here, but a synopsis of what they are. These programs have been listed in previous issues of the Illinois Rural Electric News and Co-op Echoes.

This past summer we initiated a Load Leveler Program for air conditioners. The load leveler is a device that attaches to the compressor of an air conditioner and controls the operating time of the air conditioner. We installed approximately 125 of these devices this past summer with a projected savings in demand of 125 KW. From all indications, these load levelers performed satisfactorily and members who installed them noticed little or no discomfort. We intend to intensify our efforts in installing more of the load leveler units next spring to further control demand on our system.

Your Cooperative also has initiated a Dual Heat Program that is designed to reduce system demand and encourage kilowatt-hour sales. The Dual Heat program is available to all members whether they have electric or gas heat. To qualify for the Dual Heat program and Dual Heat rate, a member presently using LP gas as the primary heat must add some type of electric heat as a secondary source. Conversely, if you have electric heat, you will need to add a fossil fuel system as a secondary source of heat.

To help Cooperative members to offset the cost of conversion to a Dual Heat system, the Cooperative is offering a

\$250 cash bonus to any member who installs a Dual Heat system.

Another program to assist members to convert to the Dual Heat program is the recent announcement of the Energy Resource Conservation (ERC) Loan Program.

Under the ERC loan program the Cooperative may lend up to \$3,000 at 5 percent interest for members to finance the cost of conversion to a Dual Heat system. The ERC loan is restricted to conversion and retrofit of existing systems, not new construction. Call the Cooperative office for details of this program.

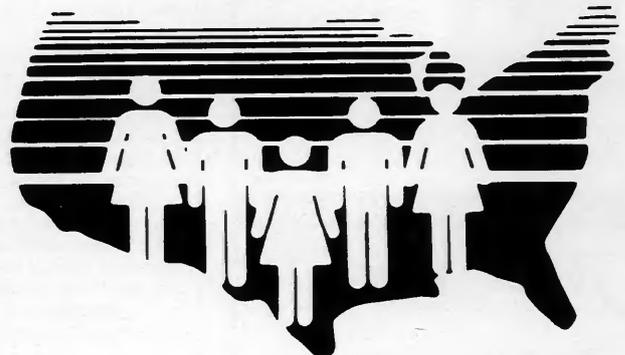
Also, see the article on the next page announcing our new Water Heater Control Program.

All of these programs are designed to reduce system demand and give our members an opportunity to reduce the amount of their electric bills.

The reduction in demand may help all members whether they participate in the program or not, as the savings in demand costs will reduce the average wholesale cost per kilowatt-hour and may reduce the amount of future rate increases.

We recommend that you investigate the various program available. If you think you qualify or are interested, please call the Cooperative office, phone 939-7171.

COOPERATIVES



WORK!

Install a switch — save \$6 a month

Inquire about our water heater control program

Sign up for MCEC's Water Heater Control Program and save \$6 a month on your electric bill. The Cooperative will install a control switch on your electric hot water heater, at no cost to the member, and then give you a \$6 credit on your electric bill each month, a total of \$72 a year for permitting the Cooperative to control the operating time of your water heater.

Here's how the program works:

1. The Cooperative will install a control switch on your electric water heater at no cost.
2. Your water heater will be subject to control during the winter months of December, January and February and during the summer months of July and August.
3. During the three winter months, your water heater will be subject to control during the morning hours of 6 a.m. to 10 a.m. and the evening hours of 4 p.m. to 8 p.m. only on the days the Cooperative is approaching its system peak. We feel that we will only need to control the water heater no more than five or six days a month, maybe less. During the summer months of July and August the control time will most likely be between the hours of 5 p.m. to 9 p.m. Again, controlling will take place only when the Cooperative is reaching its system peak, expected to be no more than five or six times a month.
4. During the off-peak months of March, April, May, June, September, October and November, there will be no control.
5. You will receive a \$6 per month credit on your electric bill by permitting the Cooperative to install a switch and control your water heater.
6. We do not recommend that a control switch be

installed on water heaters with a capacity of less than 40 gallons.

In summary, the control switch will be installed at no cost to the member and will be subject to control four hours at a time, a few days during the months of July, August, December, January and February. Your water heater will be controlled only during the above five months. The other seven months of the year there will be no control. You will receive \$6 a month credit on your electric bill for participating in the water heater control program.

LARGER-CAPACITY WATER HEATERS

For several months the Cooperative has been promoting the sale of larger-capacity Mor-Flo Energy Saver electric water heaters at an attractive price. Prices are:

52 gallon — \$200 plus tax

66 gallon — \$240 plus tax

82 gallon — \$270 plus tax

Receive up to \$125* Rebate.

*\$100 for 52 gallon

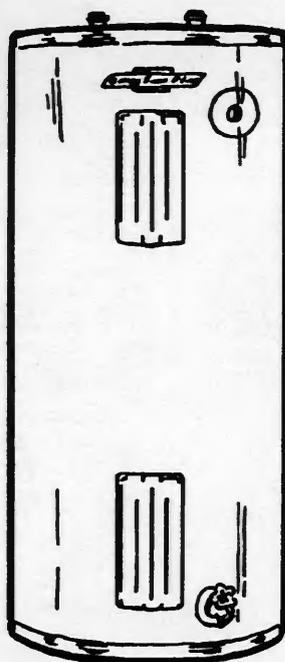
\$125 for 66 and 82 gallon

Replace a gas water heater with an electric water heater and receive an additional \$35 rebate.

These larger-capacity electric water heaters will tie in nicely with our water heater control program. The larger-capacity electric water heaters will give you more hot water during the control period. We suggest the 66- and 82-gallon water heaters for use with the control switch.

Purchase an electric water heater from the Cooperative at a reduced price and allow us to install a control switch and save \$6 a month.

Call 939-7171 or send in the coupon below for more information.



ELECTRIC WATER HEATER CONTROL PROGRAM

- Yes, I am interested in installing a water heater control switch at no cost to me and receive a \$6/ month credit on my electric bill.
- Yes, I am interested in purchasing a new electric water heater from the Cooperative.

NAME _____

ADDRESS _____

TELEPHONE _____

Clip and mail to:

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P.O. Box 128

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Rescue Your Dying Septic System NOW!

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

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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.

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Order Now! Money Back Guarantee!**



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- Raised white reflective letters on black rustproof aluminum.
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SOTZ AIRTIGHT WOODSTOVES

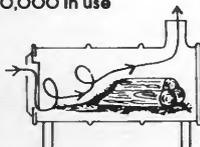
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Most Efficient Kits—Patented Internal Draft Channel
Mounted to inside of door on heavy steel kits only.

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

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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 overflowing 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 Pickup	Del.
15-30 Gal. Bottom	\$27.47	\$31.47
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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



Gasketed Door

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

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stage

gram is a case in point, he added.

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

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

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

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

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

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

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



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

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

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



618-939-7171

Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC. WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

On July 2, 1986, President Reagan signed into law H.R. 4515, a supplemental appropriations bill which, among other things, will permit generation and transmission electric cooperatives to prepay outstanding high-interest notes to the Federal Financing Bank (FFB) without being assessed the strict penalties formerly associated with prepayment. Following prepayment, cooperatives are free to refinance their needs at today's lower interest rates. Enactment of this legislation was welcomed as an important step designed to stabilize electric rates.

We are pleased to announce that Soyland Power Cooperative has received approval from the U.S. Treasury Department to prepay \$310 million in loans borrowed from the FFB. Soyland is the first generation and transmission cooperative to receive approval to refinance its debt without penalty under the new legislation.

Soyland will refinance the \$310 million in loans from the FFB using private money sources, totally eliminating government financing. The average imbedded cost of Soyland's Clinton related debt will decrease from the current level of 10.6 percent to approximately 7 percent. This will save Soyland and its 15 member cooperatives approximately \$11 million annually over the 30-year life of the loans.

The debt refinancing plan will have no immediate impact on Monroe County Electric Co-Operative's cost of wholesale power. What it does mean is that when the nuclear Clinton Power Station begins commercial operation next year, we will not see as large of a wholesale power cost increase as we could have experienced without the financing plan legislation. We are going to avoid the "rate shock" normally associated with new power plants entering production.

CLINTON POWER STATION

Some more good news received is that the Nuclear Regulatory Commission issued a Low Power Operation License to Illinois Power Company to load fuel in its nuclear Clinton Power Station and to operate at a 5 percent capacity for testing. Fuel loading should have been com-

pleted during the third week in October and low power testing should be completed by the end of December this year. Full power testing is scheduled for completion in mid April 1987. Commercial production should begin in June or July 1987.

RATE INCREASE

Due to costs associated with the Clinton plant and Soyland's fixed costs of operation, we will receive an increase in wholesale power costs effective January 1, 1987. We anticipate our power cost to be over seven cents a kilowatt-hour. Your board of directors reluctantly has agreed to implement a retail rate increase of approximately 5 percent effective December 15, 1986, payable with the January 15, 1987 electric bill.

Our average wholesale cost per kilowatt-hour can be affected by the load management programs that are available to cooperative members. If these programs are effective and reduce our kilowatt demand, our fixed costs from Soyland may be less, depending on the number of kilowatt-hours purchased each month. Ideally, if we can decrease demand and increase kilowatt-hour sales, our average cost per kilowatt-hour will be less. The load management programs are designed to accomplish this result.

We fully understand electric rates are high. We assure you we are doing all we can to hold them in line. I firmly believe that we are reaching a plateau and the end of acute rate increases that we have experienced the past few years. We will continue to have increased retail rates, but at a lower escalation.

We thank you for your understanding and cooperation.



The office of Monroe County Electric Co-Operative will be closed November 27 and 28 in observance of Thanksgiving.

Save on winter heating bills

Get a rebate of up to \$35 for heating electrically

If you heat your home with electric heat, you may qualify to receive a monthly rebate up to \$35 on your December, January and February electric bill this coming winter.

The rebate available to members with electrically heated homes is designed to encourage the use of off-peak electricity. Many homeowners with electric heat are using alternate sources of heat (such as wood stoves, fireplaces, kerosene heaters, etc., to supplement their primary heating system) during the warmer days of winter.

Increasing kilowatt-hour sales during the off-peak periods will help dilute fixed costs associated with the purchase of wholesale power and thus reduce the average cost per kilowatt of purchased power.

In an effort to provide short term relief and to encourage energy sales,

your cooperative has initiated the following plan for the 1986-87 heating season:

- Kilowatt-hours used during the billing period from April 15 to May 15, 1986, will be used to establish each member's base load.
- For the months of December, January and February a member with electric heat will receive a credit based on the following schedule:
 - 1,000 to 2,499 kilowatt-hours used in a given month over the base load (May) — a \$25 credit
 - 2,500 kilowatt-hours (or more) used over the base load — a \$35 credit.

The credits will appear on the billing statement the next month following that in which the credit was earned.

Example 1: If you used 750 kwh in May 1986, the 750 kwh is your base load. If in December you used 2,750 kwh, you would have exceeded your base load by 2,000 kwh and qualify for a \$25 credit to be applied to your January payment.

Example 2: Assume your base load is still 750 kwh. Then in January your usage was 3,500 kwh, you would have exceeded your base load by 2,750 kwh and qualify for a \$35 credit to be applied to your next month's bill.

We want you to have lower heating costs this winter. We think we have a record of most members with electric heat. If you have an electric heated home and use over 1,000 kilowatt-hours over what you used in May 1986 and do not receive a \$25 credit on your January 1987 electric bill, please contact the cooperative office.

Get 'switched' for a monthly credit on your electric bill

Cooperative members can receive a \$6 monthly credit on their electric bills (\$72 per year) by having a control switch installed on their electric water heater.

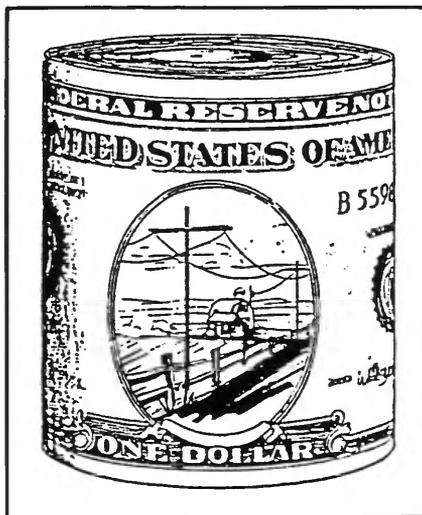
By now, you're probably asking a logical question: "What's a control switch?" A control switch is a simple device that "controls" or keeps the electric water heater from heating during the cooperative's "peak demand" periods. These peak periods are a few short hours per year: from 6-10 a.m. and 4-8 p.m. during December, January and February and from 5-9 p.m. during July and August. Water heaters will only be controlled — during these periods — on those few

days when Monroe County Electric reaches its system peaks. The water heater will function normally during all other periods.

Most members find no change in

lifestyle because of the control switch. In most cases, the storage tank will supply all the needed hot water during the four hour off periods. If your family would happen to run low on hot water, you might consider installing a larger electric water heater. Your cooperative has special cash rebates on efficient, energy-saving water heaters right now.

If you don't have an electric water heater to control, now is an excellent opportunity to get an efficient unit at a low price while helping yourself and fellow cooperative members to savings. If you're interested in a new water heater, please contact Monroe County Electric Co-Operative for more details.



Thanksgiving smorgasbord

BARBECUE SAUCE

4 quarts catsup
1 quart vinegar
4 ozs. dry mustard
¼ oz. red pepper
¾ 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

¼ cup butter
3 tablespoons flour
½ 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
¾ cup sugar
½ cup biscuit mix
4 eggs

¼ cup butter or margarine
1½ 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

2½ cups flour
1 tablespoon ginger
2 teaspoons soda
1 teaspoon cinnamon
½ teaspoon salt

¾ cup shortening
1 cup sugar
1 egg
¼ 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
½ cup chopped onion
1 cup Minute rice

¼ teaspoon garlic
¼ teaspoon black pepper
¼ teaspoon oregano
½ 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

1½ lbs. ground beef
1 cup bread crumbs
1 onion, chopped
½ can tomato sauce

1 egg, beaten
1½ teaspoons salt
¼ 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.

½ 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 1¼ 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 ½ 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:

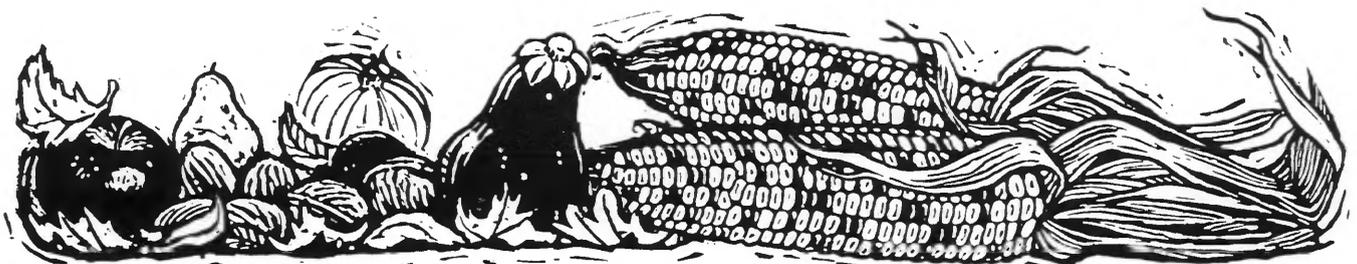
In a saucepan, stir together 2 cans (1 lb. each) beans in tomato sauce, ½ cup dark corn syrup, 3 tablespoons bottled steak sauce, dash of chili seasoning. Bring to boil, stirring frequently. Reduce heat and simmer uncovered about 25 minutes, stirring occasionally. Makes 4 to 6 servings.

Saucy Baked Beans:

In 1½ quart casserole or bean pot, stir together 2 cans (1 lb. each) beans in tomato sauce, ⅔ cup applesauce, ½ cup finely chopped onion, ⅓ cup dark corn syrup, 1 clove garlic, minced, 1 tablespoon prepared mustard, ½ 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, ½ cup dark corn syrup, ¼ cup pickle relish, ½ teaspoon dry mustard, ¼ teaspoon ground ginger. Bake at 400 degrees 30 to 45 minutes. Top with ½ pound frankfurters; continue baking 15 minutes. Makes 4 servings.



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Stark Bro's has all your growing needs!



Planning to weatherize? The booklet HOME WEATHERIZATION FOR LOWER-COST LIVING COMFORT Can help.

For a copy, send \$2 to: Association of Illinois Electric Cooperatives, P.O. Box 3787, Springfield, IL 62708.

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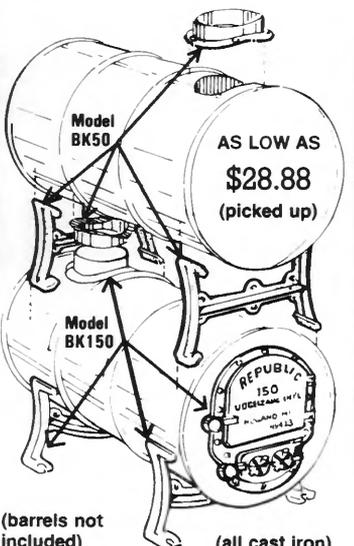
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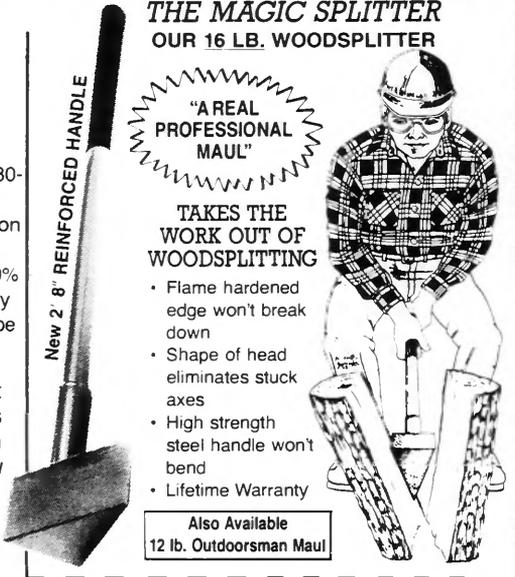
Our Catalytic Combustor burns the smoke that would normally escape out the chimney. This "Re-Burn" increases heat output by as much as 30% and reduces creosote by 80-90%. You save by burning less wood!

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_____	16 lb Magic Splitter	23.88	19.88
_____	12 lb Outdoorsman	21.88	14.88
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Monroe Electric News

MONROE COUNTY ELECTRIC CO-OPERATIVE, INC. WATERLOO, ILLINOIS

Across the manager's desk



Joseph J. Fellin

On behalf of the board of directors, management and employees of Monroe County Electric Co-Operative, I extend "Season's Greetings and Best Wishes for the New Year" to all members and friends of the Cooperative. With the state of the rural and farm economy, it is sometimes hard to be upbeat, however, we all must face the upcoming year with a positive attitude.

You recently received notice of a 5 percent retail rate increase effective December 15, 1986. The new Schedule A Farm and Home Rate will be:

Facilities Charge: \$12.00 per month
 Energy Charge: 1st 2,000 kwh @ 10.25 cents per kwh
 Over 2,000 kwh @ 6.25 cents per kwh

We realize our rates are high, and the board of directors has implemented some programs whereby you, the member, can reduce your monthly bill. These programs were explained in the September-October issue of the Co-op Echoes. We have extra copies of this issue available if you have misplaced the copy you received.

The demand-related portion of our power bill amounts to over 70 percent of our wholesale power costs. It is imperative that our system peak demand be controlled to help reduce the cost of wholesale power. The load management programs available are designed to reduce demand costs as well as helping you to lower your energy costs by participating in these incentive programs.

DUAL HEAT

One such program is our Dual Heat program which allows our members to take advantage of low-priced, off-peak energy for home heating. The Dual Heat system combines two energy sources — electricity as the primary source and an alternate fuel such as LP

gas or oil as a secondary source.

See the chart below for cost comparison of Dual Heat vs. conventional heating system. We are using 20,000 kilowatt-hours annual usage for a conventional electric furnace at 100 percent efficiency as a basis for the costs in the chart.

Please contact Willard Wiggers in the Member Services Department, phone 939-7171, for further information on the Dual Heat program.

Dual Heat cost comparison

Based on 20,000 annual kwh's
 (Electric Resistance Heat at 100% efficiency)

Type Heat	Efficiency	kwh/gal. LP Rate	Annual Cost
Electric Furnace	100%	20,000 x .08 =	\$1,600.00
Electric Furnace/ Heat Pump	180%	11,100 x .08 =	888.00
LP Furnace	90%	830 x .60 =	498.00
LP Furnace	80%	940 x .60 =	564.00
LP Furnace	70%	1,070 x .60 =	642.00
LP Furnace	60%	1,240 x .60 =	744.00

DUAL HEAT

Heat Pump 80% Operating Time — LP 20% Operating Time
 Heat Pump 20% LP Furnace

Heat pump	200%	8,000 x .034 =	\$ 272.00
LP Furnace	90%	170 x .60 =	102.00
			\$ 374.00

Heat pump	200%	8,000 x .034 =	\$ 272.00
LP Furnace	80%	190 x .60 =	114.00
			\$ 386.00

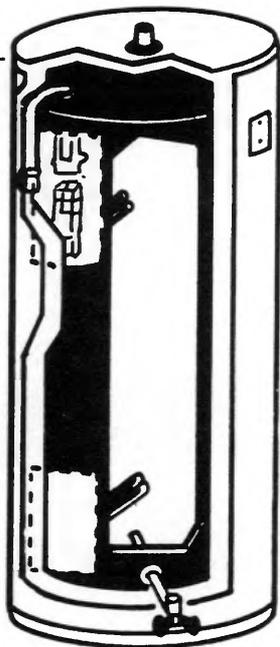
Heat Pump	200%	8,000 x .034 =	\$ 272.00
LP Furnace	70%	215 x .60 =	129.00
			\$ 401.00

Heat Pump	200%	8,000 x .034 =	\$ 272.00
LP Furnace	60%	250 x .60 =	150.00
			\$ 422.00



Install an energy-efficient electric water heater and save!

Cash rebates up to \$160



Monroe County Electric Co-Operative now sells the energy-efficient Mor Flo Extra Saver Model Electric Water Heater. This water heater comes in 52-gallon, 66-gallon and 82-gallon sizes.

Prices of the units are: \$200 for the 52-gallon model; \$240 for the 66; and \$270 for the 82.

The best news is that Monroe County Electric is offering a \$100 cash rebate on the 52-gallon model and a \$125 cash rebate for the two larger models when the water heater is installed on the cooperative system. In addition, a \$35 cash rebate to cover the cost of wiring is

available to members who are replacing gas water heaters with the new electric unit. A cooperative representative will verify all installations before the rebate is issued.

The water heaters are available at the cooperative and at three participating dealers: Eichenseer Plumbing of Hecker; Smithton Lumber Co. of Smithton; and Valmeyer Lumber Co. of Valmeyer.

The water heaters are covered by a five-year warranty on the tank and a one-year warranty on all other parts. The cooperative will maintain a supply of parts and keep records of water heater warranties.

Get 'switched' for a monthly credit on your electric bill

Cooperative members can receive a \$6 monthly credit on their electric bills (\$72 per year) by having a control switch installed on their electric water heater.

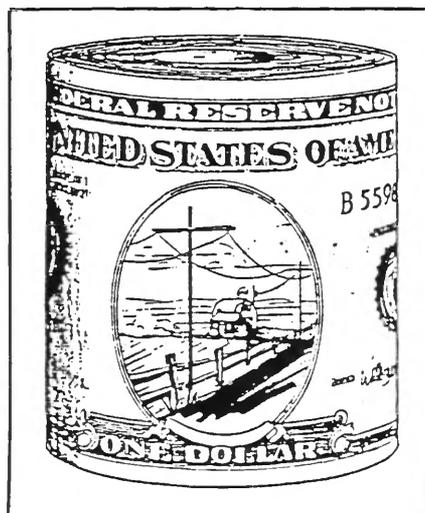
By now, you're probably asking a logical question: "What's a control switch?" A control switch is a simple device that "controls" or keeps the electric water heater from heating during the cooperative's "peak demand" periods. These peak periods are a few short hours per year: from 6-10 a.m. and 4-9 p.m. during December, January and February and from 5-9 p.m. during July and August. Water heaters will only be controlled — during these periods — on those few days when Monroe County Electric reaches its

system peaks. The water heater will function normally during all other periods.

Most members find no change in lifestyle because of the control

switch. In most cases, the storage tank will supply all the needed hot water during the four hour off periods. If your family would happen to run low on hot water, you might consider installing a larger electric water heater. Your cooperative has special cash rebates on efficient, energy-saving water heaters right now.

If you don't have an electric water heater to control, now is an excellent opportunity to get an efficient unit at a low price while helping yourself and fellow cooperative members to savings. If you're interested in a new water heater, please contact Monroe County Electric Co-Operative for more details.



FMEC selects Delp

Robert L. Delp of Geneseo has been selected manager of Farmers Mutual Electric Company.

Delp, who has served as acting manager of the Geneseo-based utility since August, replaces Edgar G. Arnn, who took early retirement to enter a family business in Indiana.

A graduate of J. D. Darnell High School in Geneseo, Delp studied at Black Hawk Junior College in Moline, Northern Illinois University in DeKalb and Illinois State University at Normal. He is a graduate of the U.S. Army Infantry Leadership Course and attained the rank of sergeant.

After summer employment with Farmers Mutual in 1972, Delp worked as an engineering technician for General Telephone Company of Illinois in Bloomington. After three years there, he returned to FMEC and became office manager in 1976.

Delp has completed numerous courses provided by the National Rural Electric Cooperative Associa-



Delp

tion to help employees improve their working and management skills.

Delp and his wife, Sue, live in Geneseo with their three-year-old daughter, Jessica.

For co-op members only

There's a new name for an old feature in the Illinois Rural Electric News, and it can mean money in your pocket.

Beginning this month, the small ad section of the IREN will be the Illinois Marketplace, replacing the Trading Post. The best news, though, is the special, members-only advertising rate.

Members of the Illinois electric cooperatives will pay only one-third the standard cost for a 20-word ad in the Illinois Marketplace. That's \$8 for an ad that reaches into the homes of 157,000 member-owners of electric cooperatives across the state.

Non-members will continue to pay the standard rate, \$24 for a 20-word advertisement.

The new rate provides members with an excellent way to supplement their local advertising, whether they

are a farmer wanting to sell off a piece of used equipment or a merchant wanting to expand the company's reach into neighboring counties. For the \$8 your ad will go into thousands of homes in adjacent counties and have the bonus benefit of statewide circulation just in case what you have for sale appeals to a buyer all the way across Illinois.

There are some easy-to-follow rules for this type of advertising. You must be a member and send the mailing label of the magazine with your order. Payment in advance is required, and you must have the advertising material to the Illinois Rural Electric News office no later than the first of the month preceding publication.

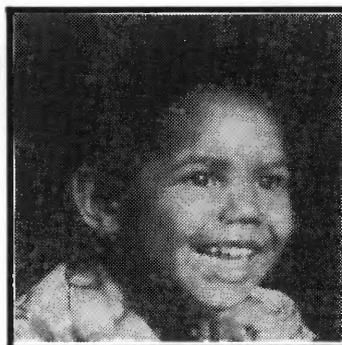
On page 14 of this issue, you will find an advertising order form and all the details and rules.

MISSING



ILENE REBECCA SCOTT

LAST SEEN: 12/20/80 EYES: Blue
FROM: Carson, CA HEIGHT: 3'
DOB: 12/19/74 WEIGHT: 40
WHITE FEMALE HAIR: Brown



FRANCILLON PIERRE

LAST SEEN: 8/2/86 EYES: Brown
FROM: North Las Vegas, NV HEIGHT: 3'6"
DOB: 10/1/82 WEIGHT: 35
BLACK MALE HAIR: Black

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-

Teach your child your telephone number, area code, your full address, and how to use the telephone to call home, a law enforcement officer, or dial "0" for operator in an emergency.

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

1-800-222-1464