

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145

Geothermal . . . Nature's Way!

Every day the sun sends abundant heat energy to the earth. And every day, instead of being captured as free heat for our homes or business, it goes unused . . . wasted.

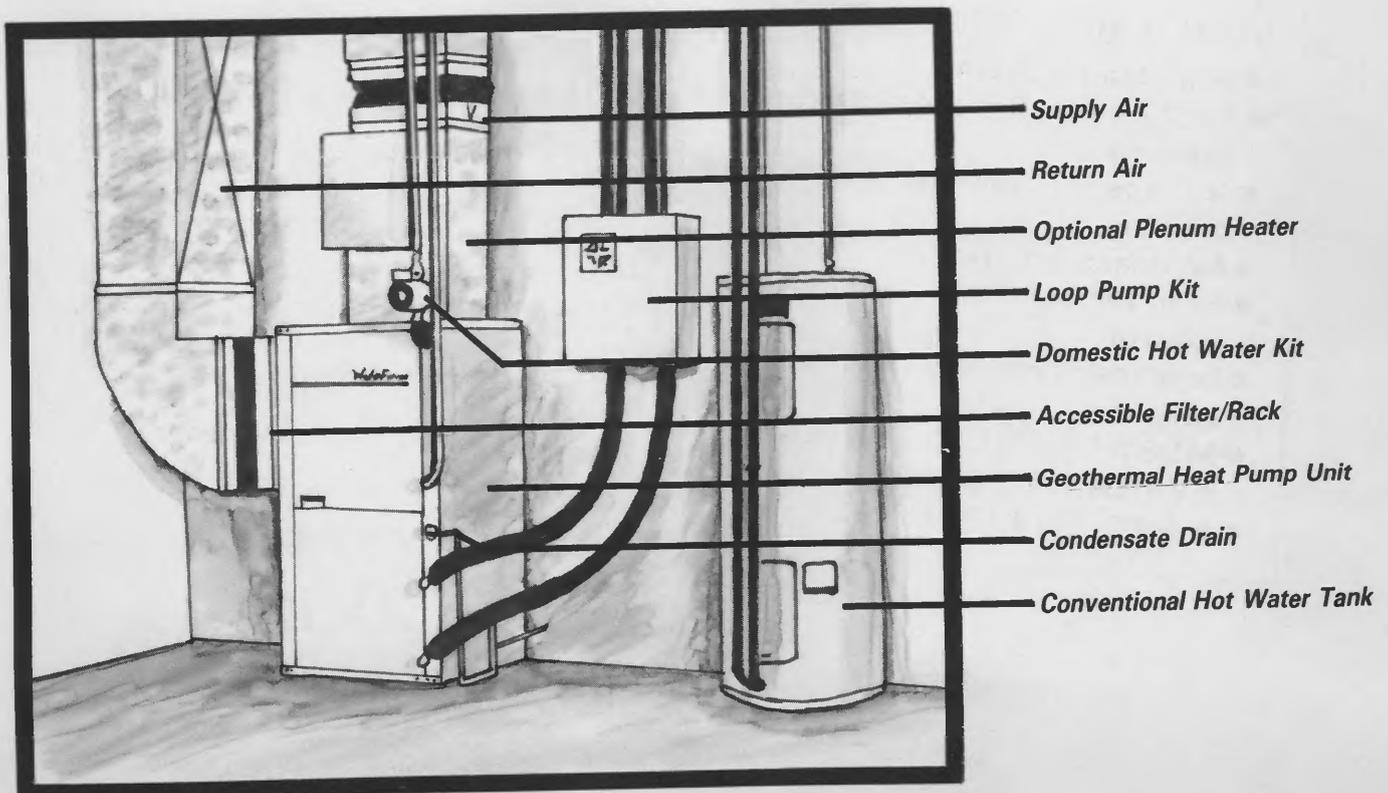
These days people are trying to trim their monthly energy bills every way possible. So why not take advantage of this free heat? You could see a definite difference with a geothermal heating and cooling system. The system has three functions. Besides heating and cooling you home, it will produce hot water. The geothermal system can tap into the earth's unlimited energy allowing you to use it for conditioning your home.

How does the geothermal system work? A geothermal system does not MAKE heat, it simply moves the heat from the earth into your home. Pipes are buried outside your home four to six feet below the earth where temperature is approximately 57 degrees F. The geothermal unit itself acts much like a refrigerator. A

refrigerator takes heat out of air. Left is the cold air that remains in the icebox. This procedure is similar to the air conditioning mode taking heat from the home and depositing it into the earth. In winter, there is a reverse in the cycle. A geothermal system pulls heat from the earth, boosts it to 90 to 110 F, and circulates it into the home.

The underground pipe, or closed loop, method does not rely on well water. A continuous loop of special plastic pipe is buried in trenches outside your home or in a nearby pond. The pipes contain water and an antifreeze solution. The solution absorbs and rejects heat as it circulated through the loops and the indoor unit. There is an open loop system which we do not recommend for our area because of the depth of the water table. The vertical pump uses extra energy to raise the water which reduced efficiency and results in higher energy costs.

This ability to move heat is the secret of geothermal.



Geothermal is much more efficient than gas or oil furnaces. In fact, the most efficient conventional furnaces use three times the energy to create heat as geothermal uses to move the same heat. Simply stated, geothermal is the most efficient heating system available today.

Geothermal can do more than just heat and cool your home—it can get you into hot water! A geothermal unit makes hot water when conditioning your home. In the cooling season the unit can make 100 percent of the hot water a family or business would need. In winter, the unit can supply about 50 percent of hot water needed. There is also a unit which can produce all hot water with a second heat exchanger. This second heat exchanger controls only the hot water tank. You family will receive hot water as fast as you use it and at a high efficiency rate.

There are many benefits to the geothermal system since the unit is indoors. The compressor has no exposure to outside temperature extremes and severe weather conditions. Experience has proven this stable environment will significantly extend compressor life. This also means there will be low maintenance. Routine maintenance is only periodic cleaning or changing the filters. Low maintenance means no service calls. One more plus of the indoor compressor is that it is quieter.

The geothermal system is clean and safe. No burning fossil fuels to produce heat and fumes. No by-products of the combustion process get into your home, so your cleaning and redecorating costs are less. Geothermal systems use safe, dependable electricity

which eliminates the need for combustible fuels. A great idea with the way gas and oil prices can fluctuate.

Because of geothermal's high efficiency, the unit will run longer than a standard air conditioner. This gives you even temperatures throughout the house with no temperature swings. You will also have better humidity control.

With a geothermal system, you remove messy outdoor fuel tanks. No messy fill-ups or separate heating bills to worry about. There is no need for an outdoor air conditioning unit. There are no landscaping restrictions or noisy outdoor fans on warm summer days.

With all the benefits there is no need not to get a geothermal heating and cooling system. It provides year around comfort while combining the efficient use of energy resources with the lowest possible operating costs. It is convenient, safe and clean. It's the latest in heating and cooling technology which is far ahead of everything else.

Does geothermal sound good to you? Thousands of satisfied owners are saving money with a geothermal system. This is proven performance. Several of those owners are in the east central Illinois area—even in Edgar Electric's service area.

At Edgar Electric, our trained staff can offer advice about design and installation. The information you will receive will include a free computer analysis of potential savings for your home. Calling Edgar Electric could be your first step toward big savings and year-round comfort.

WRAP UP—in total comfort with a geothermal system

- Is a clean system
- Easily adapted to most ducted heat systems
- No open flame, no combustion process
- No hazardous fumes
- Even temperatures, humidity control
- Low maintenance, few service calls
- **MOST EFFICIENT SYSTEM AVAILABLE TODAY**
- **A PROVEN PERFORMER**

One more reason . . . FINANCING AVAILABLE:

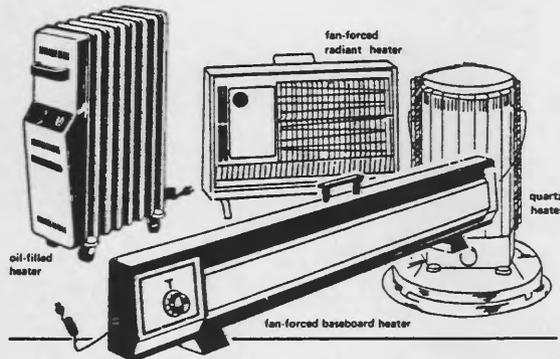
**Maximum of \$7,000 or
maximum of 7 years**

AT 5% interest

PLUS \$1,000 rebate

(must be applied to financed amount)

Portable space heaters help us keep costs down while keeping warm. However, all portable heaters present some danger. Since they give off heat, parts of them will be hot and will burn someone touching them. All may ignite nearby flammable materials so keep a couple of feet away from them. All portable heaters



require special care when used in the presence of children. Special care should be taken with electric heaters to keep them away from water, because water and electricity make a lethal combination.

DO choose a certified heater.
 DO make sure it is properly connected.
 DO read labels and follow all warnings and instruction.
 DO keep clear space around the heater.
 DO keep a window or door partially open at all times when you use an unvented fossil fuel heater.

DON'T use or store flammable liquids near any portable space heater.

DON'T put clothes on or over the heater to dry.

DON'T use a heater as a "foot warmer," as the surface may be hot enough to cause burns.

DON'T stand close to a heater while wearing long robes, nightgowns, or other clothing that may catch fire.

DON'T let children play around the heater.

DON'T put the heater in locations where people can bump into them or trip.

DON'T let dirt build up inside the heater.
 DON'T use a portable electric heater in a bathroom.

DON'T forget regular inspections.



Look for more details
 in February issue of **Current Hi-Lites!**

DON'T FORGET:
March 3, 1990

EDGAR ELECTRIC ANNUAL MEETING
at Crestwood



Happy New Year
from Edgar Electric

Operating statement — October 1989

Account Description	Last Year	Year-to-date	
		Current Year	Current Month
Operating Revenue & Patronage Capital	\$4,814,153.09CR	\$4,695,106.29CR	\$444,573.97CR
Cost of Purchased Power	3,295,318.00	3,098,878.15	293,436.00
Transmission Expense	-0-	4.92CR	-0-
Distribution Expense—Operation	139,412.79	152,107.97	14,502.81
Distribution Expense—Maintenance	338,812.61	280,045.31	20,132.38
Consumer Accounts Expense	135,184.96	144,306.15	13,210.29
Customer Service and Informational Expense	49,105.12	69,585.08	6,233.16
Administrative & General Expense	340,463.17	369,791.88	33,893.77
Operation & Maintenance Expense	4,298,294.85	4,114,709.62	381,408.39
Depreciation & Amortization Expense	172,843.57	182,938.84	18,649.74
Tax Expense—Property	37,100.32	40,520.00	4,175.00
Tax Expense—Other	45,776.80	42,436.60	3,823.79
Interest on Long-Term Debt	161,515.54	157,183.57	15,696.89
Other Deductions	5,969.70	5,989.70	596.97
Cost of Electric Service	4,721,500.58	4,543,756.33	424,350.78
Patronage Capital & Operating Margins	92,652.51CR	151,349.96CR	20,223.19CR
Nonoperating Margins—Interest	133,687.29CR	137,679.54CR	14,106.86CR
Nonoperating Margins—Other	40.85CR	3,097.31CR	361.39CR
Other Capital Credits and Patronage Dividends	2,057.38CR	10,067.75CR	9,864.64CR
Patronage Capital or Margins	228,438.03CR	302,194.56CR	44,556.08CR

Manager's report to the board — October 1989

Statistics and Revenue Data	October 1988	September 1989	October 1989
Number Connected Consumers	4,925	4,908	4,909
Average kwh Used	864.6	913.4	817.6
Average Bill	\$ 92.43	\$ 98.57	\$ 89.03
No. kwh Purchased	4,562,532	4,973,978	4,441,378
No. kwh Sold and Used by Co-operative	4,258,164	4,482,776	4,013,753
Line Loss Percent	6.7%	9.9%	9.6%
Cost Per kwh Purchased	\$ 0.06783	\$ 0.06501	\$ 0.06607
Cost Per kwh Delivered	\$ 0.07268	\$ 0.07214	\$ 0.07311
Member Cost Per kwh	\$ 0.10831	\$ 0.10946	\$ 0.11118
Miles Energized	1,473	1,472	1,470
Revenue Per Mile	(\$322.22)	(\$341.90)	(\$312.27)
Total Expense Per Mile	\$ 303.34	\$ 314.32	\$ 288.67

A reminder . . .

As of January 1, 1990, all Illinois drivers must have auto insurance. The mandatory insurance law requires all vehicle owners carry liability insurance covering property damage or injuries they cause to others in an accident. All motorists will be required to carry in their

vehicle an insurance card which proves such coverage. Persons without insurance as of January 1, face expensive fines and license plate suspension. The Secretary of State's office will enforce the new law by conducting random surveys, such as computer checks. If a registration is suspended, to be reinstated the motorist must pay \$50 and show proof of insurance.

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The next fifty years!

It's that time again. Edgar Electric will be holding its 51st Annual Meeting Saturday, March 3, at Crestwood School. We're moving into the next 50 years of service for you—our member-owners.

Once again, Edgar Electric will make its annual meeting interesting. Activities begin at 7:30 a.m. when you can join us for a pancake-and-sausage breakfast. Breakfast will be served until 9:30 a.m. Members may then browse our many displays and craft tables. Displays will include ground water heat systems, two-way mobile radios, satellite TV, pagers, and more. Employees will be on hand to answer questions regarding services of the cooperative. The business meeting will begin at 10 a.m. and will adjourn at 12 noon.

There is much to learn about your cooperative during the annual meeting. The election for the board of directors conducted at the meeting is one major way

members voice their opinions. **You** decide who represents you on the cooperative board of directors. Besides voting for your directors, you will be provided information on the conditions and activities of the cooperative. As a member-owner of the cooperative, you are entitled to this information.

Edgar Electric is always looking for new ways to serve our members better. Accomplishing this required involvement from everyone—working together cooperatively. There will be member prizes and special door prizes donated by area merchants and cooperative suppliers. The grand prize will be a full-size microwave oven. Special speakers will be on hand that will definitely prove entertaining. It will truly be a meeting you won't want to miss. We encourage you to attend the annual meeting and get involved in your cooperative. We look forward to seeing you there!

Life-support equipment

Edgar Electric Co-operative strives to maintain the best possible service to all of our members. Uninterrupted service would be a manager's dream—never an outage call. In reality, though, there are many factors present in the environment that are working against that dream: wind, lightning, ice storms, faulty equipment, trees, animals, and vehicles are a few examples of things that come into contact with the line to cause outages. In addition, many of the maintenance jobs that our crews perform require the line to be de-energized. These are planned outages and are usually quite short. Nevertheless, if someone were dependent on life-support equipment that operates on electric power, the planned outage could be very serious.

In this issue we are running a clipout form to return to us if you are utilizing such equipment, as well as the steps to take in case of an outage. Your cooperative needs to know the names and locations of our members on life-support equipment, and we keep a registry of these on file in our office. We will make every effort to give priority to restore service on life support systems.

Life-support registry

If you or a member of your family depend on life-support equipment, please fill out the form below and mail to us.

Name _____

Phone _____

Address _____

Location number _____

Type of support equipment _____

Days of use _____ Time of use _____

Do you have an emergency standby generator to operate this equipment?

Yes _____ No _____

Mail the above form to:

Edgar Electric Co-operative Association
P.O. Box 190, Paris, IL 61944

Cold snap brings record peak

As temperatures in central and eastern Illinois dropped to record lows in December, many cooperatives throughout the state, including Edgar Electric, set winter peak demand records for electricity usage. Edgar Electric and its power supply cooperative, Soyland Power, both set record demands on December 21, 1989, when temperatures in many areas of the state dropped to 20 degrees below zero or colder. Between December 15 and December 22 temperatures never rose above zero degrees throughout most of Illinois.

What did all the cold weather mean to you—the member customer? Well, for some of you it not only meant frozen water pipes and inconveniences like vehicles that wouldn't start—much less operate for any period of time—but it also meant jeopardizing the lives of livestock and farm animals. Or if you were fortunate enough to have heating systems in your barns, it meant spending a lot of money to keep your livestock alive.

"Many of our customers not only use LP gas to heat their barns, but they also use it for heating their homes. In an unregulated industry like the LP gas industry, prices more than doubled and in some of areas of the state tripled," said Tom Hentz, general manager of Edgar Electric Cooperative. "We are very pleased to report that despite the financial hardships many of our members must be feeling right now due to the unexpected overnight surge in the price of LP gas, our electric costs are projected to remain stable, not only this year, but for the next decade," Hentz said.

"Through our power supply cooperative, Soyland Power Cooperative, we have been assured that our cost of buying electricity should not rise any faster than the rate of inflation—for the upcoming decade. We know our rates haven't been as low as we would have liked in the past," Hentz said, "but it now appears that we will have stable rates for many years to come."

One large impact on the cost of electricity has been Soyland's ownership of a 13.21 percent share of the nuclear Clinton Power Station located in DeWitt County. "Although Clinton was extremely expensive

to build, now that it is operating, it produces the cheapest electric energy that we have available to us. That is because the fuel that a nuclear plant burns costs about one-half that of the fuel for a coal-fired generating plant. A combination of factors—including the cost of mining coal and the cost of transporting coal—contribute to the significant cost differential between using coal versus uranium as a fuel," Hentz said. Soyland receives about 30 percent of its electric energy from the nuclear Clinton Power Station.

And, even though we all agree that nuclear plants are extremely costly to build, once they are operating they produce electric energy that is very cost competitive. That is why Soyland uses the energy from the Clinton plant 100 percent of the time that it is available. "If Soyland were using oil to fuel a generating plant, the cost would be about 10 times that of the Clinton plant," Hentz said. "However, Soyland uses oil to fuel a small peaking plant only a very few hours during the entire year, when peak demands occur," Hentz added.

Hentz pointed out the importance of Soyland's ability to meet the energy needs of Edgar Electric's members and the nearly 500,000 people who depend on Soyland's 21 member electric cooperatives for electricity. "Severe winter conditions remind us how important it is that Illinois electric cooperatives have sufficient power generating capacity to meet the needs of the member consumers even during unexpected harsh weather," Hentz said.

Many utilities in the country experienced rotating blackouts due to the shortage of generating capacity and equipment breakdown. Because Soyland uses a combination of uranium and coal as its primary fuel source, electric consumers in rural Illinois did not experience higher costs per kilowatt-hour though electric bills will actually reflect much higher usage during the December cold wave.

Hentz and director Joe Welsh of Marshall serve on Soyland's 42-member board of directors.

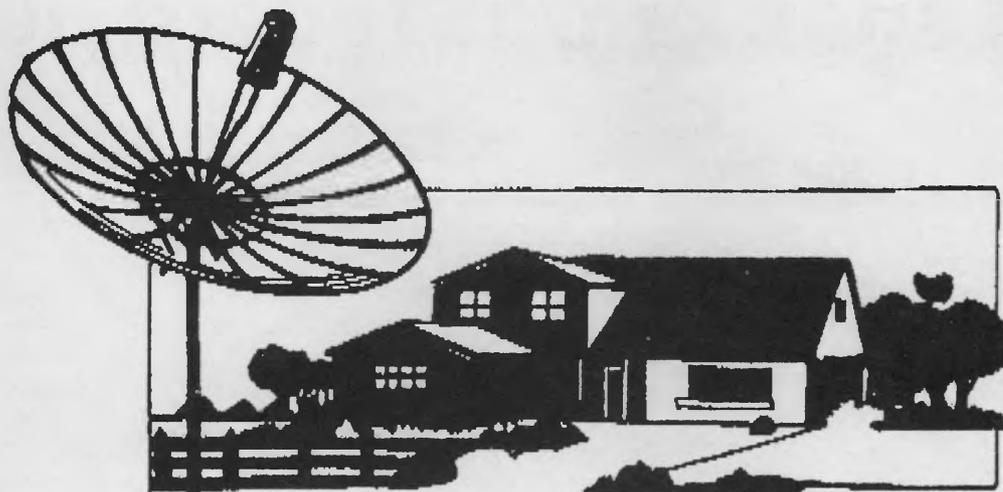
Should your power go off . . .

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at 463-4145. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: 1-800-635-4145.

At your service . . .

<u>Location</u>	<u>Hours</u>
Route 1, North of Paris	8 a.m. to 5 p.m. Mon.-Fri.

Current payments may be also made at the First Federal Bank of Paris, Edgar County Bank of Paris, and the Martinsville State Bank. A night depository box for after-hours is located at the front door of the co-operative office.



Satellite Dishes

\$1,795.00

**Purchase or Lease to
own program, 60 months
Plus installation**

\$237¹⁹ down payment

\$49⁹⁴ per month which

includes Basic Programming

WGN, WTBS, ESPN, USA, CNN, Headline News, Nickelodeon, KTVT, WPIX, Country Music TV, Nashville Network (TNN), Lifetime, Weather Channel, Travel Channel, Discovery, Learning Channel, CBN, Nostalgia.

**Many other packages to choose from.
We install and service all dishes we sell.**

Hardware package includes General Instrument 2750 SPR, 10.5 unimesh dish, 65 degrees LNB and heavy-duty, 24-inch actuator.

Call Edgar Electric at 463-1002 or 1-800-635-4145.

Compare our prices to the same equipment—we know you'll agree that Edgar Electric is the place to purchase your satellite dish.

Operating statement — November 1989

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$5,414,094.03CR	\$5,312,158.74CR	\$617,052.45CR
Cost of Purchased Power	3,681,371.00	3,534,782.15	435,884.00
Transmission Expense	-0-	4.92CR	-0-
Distribution Expense—Operation	155,656.03	166,919.22	14,811.25
Distribution Expense—Maintenance	390,570.31	308,411.96	28,366.65
Consumer Accounts Expense	150,313.87	157,267.96	12,961.81
Customer Service and Informational Expense	54,122.12	74,461.58	4,876.50
Administrative & General Expense	369,976.83	394,001.12	24,209.24
Operation & Maintenance Expense	4,802,010.16	4,635,819.07	512,109.45
Depreciation & Amortization Expense	199,657.75	201,707.79	18,770.95
Tax Expense—Property	40,679.97	41,549.23	1,029.23
Tax Expense—Other	49,659.63	46,269.82	3,833.22
Interest on Long-Term Debt	175,589.99	172,441.72	15,258.15
Other Deductions	6,568.67	6,566.87	596.97
Cost of Electric Service	5,274,164.17	5,104,354.30	560,597.97
Patronage Capital & Operating Margins	139,929.86CR	207,804.44CR	56,454.48CR
Nonoperating Margins—Interest	146,929.08CR	151,481.40CR	13,801.86CR
Nonoperating Margins—Other	16,792.45CR	3,132.47CR	35.16CR
Other Capital Credits and Patronage Dividends	11,850.63CR	10,067.75CR	-0-
Patronage Capital or Margins	315,502.02CR	372,486.06CR	70,291.50CR

Manager's report to the board — November 1989

Statistics and Revenue Data	November 1988	October 1989	November 1989
Number Connected Consumers	4,925	4,908	4,922
Average kwh Used	864.6	913.4	1,281.8
Average Bill	\$ 92.43	\$ 98.57	\$ 124.53
No. kwh Purchased	4,562,532	4,973,978	6,529,249
No. kwh Sold and Used by Co-operative	4,258,164	4,482,776	6,309,187
Line Loss Percent	6.7%	9.9%	3.4%
Cost Per kwh Purchased	\$ 0.06783	\$ 0.06501	\$ 0.06676
Cost Per kwh Delivered	\$ 0.07268	\$ 0.07214	\$ 0.06909
Member Cost Per kwh	\$ 0.10831	\$ 0.10946	\$ 0.09814
Miles Energized	1,473	1,472	1,470
Revenue Per Mile	(\$322.22)	(\$341.90)	(\$429.18)
Total Expense Per Mile	\$ 303.34	\$ 314.32	\$ 381.36

Edgar Electric Co-operative Assn.

P.O. Box 190, Paris, IL 61944

Office Hours Mon.-Fri. 8:00 a.m.-5:00 p.m.

Business Phone No. 217-463-1002

24-Hour Outage Phone No. 217-463-4145 or 800-635-4145

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Board members for this year include front row, left to right, John Fell, Glenn Bishop, Jon Farris, and Joe Welsh, back row, Steve Garst, attorney, Ralph Wright, Dave Hollis, David Schiver, Tom Murphy and Tom Hentz, manager.

Three directors reelected at annual meeting

Elections held during Edgar Electric Co-Operative Association's annual meeting of members Saturday, March 3, returned three area residents to the board of directors. The 307 members attending the meeting at Crestwood School, Paris, also heard that no rate increase is planned this year.

Re-elected for three-year terms were Ralph Wright of Paris, Tom Murphy of Marshall and Garold Farthing of Hindsboro.

Board president Joe Welsh of Marshall discussed the cooperative's power supply costs in relation to the Clinton nuclear power plant, stating that no rate increase will be needed through 1990.

"We are finally starting to reap some of the benefits due to our involvement in the Clinton Power Station," Welsh stated. "Soyland Power Cooperative, our power supplier located in Decatur, owns 13.21 percent of the plant. Though it was expensive to build, the power com-

ing out now is half the cost of power being generated from Illinois coal plants. We believe our nuclear power supply will look even better after acid rain surcharges affect coal-fired plants in our area," he said.

(Continued on next page)

At your service . . .

Location

Hours

Route 1, North of Paris 8 a.m. to 5 p.m. Mon.-Fri.

Current payments may be also made at the First Federal Bank of Paris, Edgar County Bank of Paris, and the Martinsville State Bank. A night depository box for after-hours is located at the front door of the co-operative office.



Members await the beginning of the meeting, and the awarding of some of the many door prizes.

(Continued from preceding page)

Welsh added, "Because of the Clinton plant, Edgar Electric will have no rate increase through 1990. The cooperative has not had a power cost rate increase for the past four years."

The effect of local economic development efforts on future Edgar Electric rates was a topic of manager Tom Hentz's report to members. Hentz, of Paris, said that Edgar Electric has been very involved in improving the area economically.

"The cooperative is currently working with the Illinois Department of Corrections for the proposed work camp by creating a special economic development power rate," Hentz said. "In addition, the Northrup King plant is enlarging its operations. Our staff has been working closely with Northrup King's executives to provide expanded and upgraded service."

The manager explained, "The large loads from the work camp and Northrup King in effect reduce your present power costs. Rates will remain stable with these loads being added to our system because they reduce our wholesale power costs per kilowatt-hour."

Hentz's report also touched on new programs that

the cooperative is offering to members. Satellite dish installation and programming services are two such programs, he said. A lease-to-own program for satellite dishes has been established.

Edgar Electric's two-way mobile telecommunications system has been a success, the manager said.

"When Edgar Electric installed its trunking system, we knew there was a real need for this type of service—a radio system that is totally private and very efficient. Because of the program's success, we are in the process of adding three more channels to upgrade our communications system," Hentz added. Paging services are also available through Edgar Electric.

Hentz also discussed geothermal heating, cooling, and water heating systems. The cooperative offers special incentive programs to its members. Financing is available of up to \$7,000 maximum for seven years at only 5 percent interest. Edgar Electric also provides its members with a free high-efficient water heater and a \$1,000 rebate when they sign up for this program.

Following the members' meeting, the board met in reorganizational session and reelected officers: Welsh, president; Jon Farris of Metcalf, vice president; Glenn



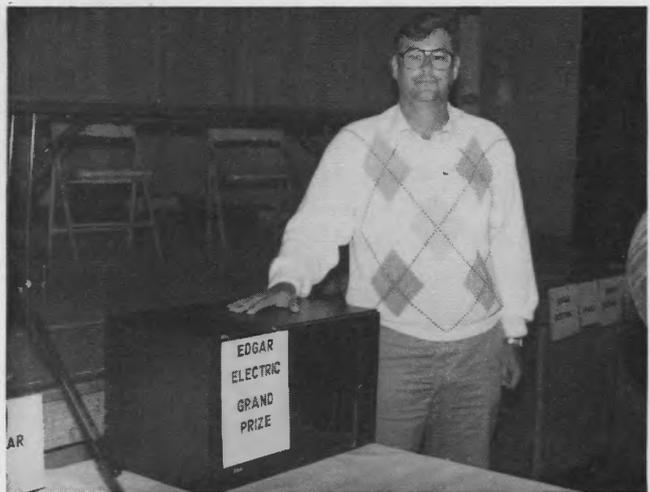
Children and adults alike were fascinated by the farm safety display.



Board members Tom Murphy (left) and Glenn Bishop (far right) help line foreman Verlin Funkhouser cook pancakes.



The satellite dish and programming display drew a large crowd, as did the many other displays.



Phil Cochran of Paris was the winner of the Grand Prize, an RCA microwave oven.

Bishop of Chrisman, secretary-treasurer, and Jon Fell of Kansas, assistant secretary treasurer.

Edgar Electric Co-operative Association serves 4,900 members on 1,473 miles of energized line in Clark, Coles, Douglas, Edgar and Vermilion counties.

Bylaw amendment

At the annual meeting held on March 3, 1990, Edgar Electric's members approved a cooperative bylaw amendment. This amendment related to the cooperative's radio and telecommunications program.

The new bylaw creates two classes of members—Class A and Class B. Each membership class has different privileges and requirements for membership.

Class A members will receive electric service from the cooperative and therefore gain such privileges as voting rights and receipt of capital credits. This type of membership is no different than previous memberships with the cooperative.

The new class, Class B, will receive service from EEC Services, Inc., a wholly owned subsidiary of Edgar Electric. EEC Services provides mobile radio and phone ser-

vices. These memberships will not be eligible to vote at Edgar Electric meetings, serve as director or receive capital credits. This change will simply enable Edgar Electric Co-operative Association and EEC Services, Inc. to legally provide these additional services.

This bylaw amendment was brought about due to the success of the radio and telephone services. It also brings the cooperative into complete compliance with Federal Communications Commission requirements.

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Operating statement — December 1989

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$5,897,253.36CR	\$5,882,743.68CR	\$570,584.94CR
Cost of Purchased Power	4,110,019.00	3,935,527.15	400,765.00
Transmission Expense	64.92CR	4.92CR	-0-
Distribution Expense—Operation	169,768.08	181,017.46	14,098.24
Distribution Expense—Maintenance	417,285.40	361,364.91	52,952.95
Consumer Accounts Expense	161,393.15	173,267.64	15,998.68
Customer Service and Informational Expense	57,866.29	82,827.08	8,365.50
Administrative & General Expense	401,772.15	434,960.50	40,969.38
Operation & Maintenance Expense	5,318,039.16	5,168,959.82	533,140.75
Depreciation & Amortization Expense	207,985.16	220,562.68	18,854.89
Tax Expense—Property	44,259.62	45,569.23	4,020.00
Tax Expense—Other	54,363.39	51,732.14	5,462.32
Interest on Long-Term Debt	191,721.58	187,899.34	15,467.62
Other Deductions	7,163.64	7,163.64	596.97
Cost of Electric Service	5,823,532.54	5,681,886.85	577,532.55
Patronage Capital & Operating Margins	73,720.82CR	200,856.83CR	6,947.61CR
Nonoperating Margins—Interest	160,609.50CR	164,143.93CR	12,662.53CR
Nonoperating Margins—Other	58.44CR	3,630.93CR	498.46CR
Other Capital Credits and Patronage Dividends	11,850.63CR	10,073.75CR	6.00
Patronage Capital or Margins	248,239.39CR	378,705.44CR	6,219.38CR

Manager's report to the board — December 1989

Statistics and Revenue Data	December 1988	November 1989	December 1989
Number Connected Consumers	4,899	4,922	4,890
Average kwh Used	928.8	1,281.8	1,176.8
Average Bill	\$ 97.72	\$ 124.53	\$ 115.88
No. kwh Purchased	5,126,036	6,529,249	7,007,404
No. kwh Sold and Used by Co-operative	4,550,005	6,309,187	5,754,632
Line Loss Percent	11.2%	3.4%	17.9%
Cost Per kwh Purchased	\$ 0.08362	\$ 0.06676	\$ 0.05719
Cost Per kwh Delivered	\$ 0.09421	\$ 0.06909	\$ 0.06964
Member Cost Per kwh	\$ 0.10656	\$ 0.09814	\$ 0.09998
Miles Energized	1,473	1,470	1,470
Revenue Per Mile	(\$325.94)	(\$429.18)	(\$397.11)
Total Expense Per Mile	\$ 372.96	\$ 381.36	\$ 392.88

Edgar Electric Co-operative Assn.

P.O. Box 190, Paris, IL 61944

Office Hours Mon.-Fri. 8:00 a.m.-5:00 p.m.

Business Phone No. 217-463-1002

24-Hour Outage Phone No. 217-463-4145 or 800-635-4145

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



Be alert! Tornado season is here again

Spring time means it is tornado season. Tornadoes can occur any month, but peak times are March through August.

There are two types of tornado alerts. A tornado watch means atmospheric conditions are right for a tornado to develop. Stay tuned to news broadcasts for further information. A tornado warning means one has been sighted or will occur.

If a warning has been issued, your family should seek shelter immediately. The best shelters are basements or storm shelters. If your home does not have a basement, move to a small room such as a bathroom or closet in the center of the house.

Do not stay in a mobile home during a tornado.

Evacuate the home to find a low area where you can lie down and cover your head. It might be wise to also check rules and regulations concerning "hold-down" equipment for new or used mobile homes. If in your car, do not try to out-run a tornado. Again, look for a low area to lie in. One major cause of tornado deaths and injuries is flying debris so be sure and keep your head covered.

Your family should have an emergency plan to know exactly what to do if a tornado should hit. Each home should have basic emergency supplies such as a portable radio, batteries, and flashlights on hand in the basement or closet.

Notice to the membership Re: Delinquent power bills

In an effort to reduce the cost of collections, we are using a new telephone notification system. This computerized telephone system will call members who have failed to pay their power bills. This new system helps the cooperative by eliminating the need for a lineman to make a visit requesting payment. In the past, the process would involve two visits from our line department—one visit to notify and the second to

disconnect. The new system is programmed to make its calls in the evening hours.

Please remember also that if you contact our billing department prior to delinquency, we make every effort to work out a solution we can both live with. This call simply serves as a reminder.

Eventually, the phone system will serve other purposes as well. Notices can be given for the annual meeting and planned outages. The phone system is one more way your cooperative is looking to serve you better.

How satellite TV works—a short primer

People often ask us “How does satellite television work?” Basically it’s a two-step process between programmer, satellite and receiver or IRD. So, this is a simplified version for our members on how the satellite dishes work.

First, programmers like HBO for example, transmit their signals from huge, ground satellite dishes. This is called the uplink. Once that signal hits the satellite, it is then beamed back down to earth to each individual’s dishes. This second part of the process is called the downlink.

The downlink signal is typically aimed toward the middle of the United States. The area covered by this signal is known as the satellite footprint. Persons living on either coast, on the fringes of the standard footprint area, generally need large dishes to receive the same signal strength as persons living in, say, Kansas.

Other components on the dish relay the signals to the receiver or IRD located in the home. The receiver or IRD, in turn, processes these signals to provide high-quality television.

Can you share a dish with your neighbor? It is possible, but there are several practical and legal restrictions. Each home will require a separate receiver and descrambler and you would need to watch an exact same satellite.

What is the difference between C- and Ku-Band? Satellites transmit signals on two different frequencies, similar to AM and FM radio. In most cases, additional electronics can be added to your C-band system to make it both C/Ku-band compatible. Generally, Ku-band antennas are not large enough to pick up C-band signals.

Is satellite television legal? Congress passed the Cable Communications Policy Act in 1984, confirming that reception of satellite programming is completely legal. Yet while satellite TV is legal, satellite dishes are restricted in some areas. Be sure to check with you local

zoning authorities before you install a system.

What type of programming is available on satellite dishes? Thanks to satellite television, an exciting world of entertainment and information has opened up to people who could not receive cable. Your family can get it all—first-run movies, major sporting events, 24-hour up to the minute news and weather, music, age-old classic movies, shopping networks, children’s programming, religious programming, drama and the arts—oh well, you get the idea. There is something for everyone. What’s more, you will receive higher quality sound and a crisper image than through your conventional television.

How is the programming received? There are three types of programming available. First there is unscrambled programming. This programming is available at no extra cost. Scrambled programming is the second type of programming. If you invest the money to purchase satellite equipment, you will probably want to receive this type of programming. Programmers have a right to scramble the satellite signal to protect copyrighted material. This scrambled programming comes in packages. Satellite dish owners decided which packages they would like to subscribe to, such as “Rural TV” available from Edgar Electric. The third type of programming is called Pay Per View. This option is like a video store in your home. Once hooked up, you simply dial an 800-number to request an available movie. A separate statement is sent to you by that company.

It may sound kind of confusing but the receiver is easy to operate. When Edgar Electric installs your dish, we will demonstrate how to operate your dish and explain the receiver’s many options.

Satellite dishes are truly amazing. We will be happy to explain the dishes further. Included in the center section is a form to clip out if you would like to learn more about the amazing world of satellite equipment and programming.

Yes, I’m interested in learning more about the entertainment and information possibilities through satellite dishes and Rural TV.

Please: Send more information _____

Have your office contact me _____

Day phone _____

Name _____

Address _____

City, State, Zip _____

Operating statement — January 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$515,016.80CR	\$586,160.06CR	\$580,160.06CR
Cost of Purchased Power	285,280.92	378,481.00	378,481.00
Transmission Expense	64.92CR	-0-	-0-
Distribution Expense—Operation	13,575.10	18,143.00	18,143.00
Distribution Expense—Maintenance	22,498.69	25,642.90	25,642.90
Consumer Accounts Expense	15,860.45	14,079.11	14,079.11
Customer Service and Informational Expense	5,425.68	7,774.06	7,774.06
Administrative & General Expense	36,889.39	39,068.72	39,068.72
Operation & Maintenance Expense	479,595.14	483,188.79	483,188.79
Depreciation & Amortization Expense	18,001.35	19,013.10	19,013.10
Tax Expense—Property	3,970.00	4,438.00	4,438.00
Tax Expense—Other	4,586.19	3,637.62	3,637.62
Interest on Long-Term Debt	16,064.58	15,418.36	15,418.36
Other Deductions	596.97	596.97	596.97
Cost of Electric Service	522,814.23	526,292.84	526,292.84
Patronage Capital & Operating Margins	7,797.33	59,867.22CR	59,867.22CR
Nonoperating Margins—Interest	13,652.00CR	11,834.52CR	11,834.52CR
Nonoperating Margins—Other	89.77CR	123.75CR	123.75CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	62.54CR
Patronage Capital or Margins	5,944.44CR	71,888.03CR	71,888.03CR

Manager's report to the board — January 1990

Statistics and Revenue Data	January 1989	December 1989	January 1990
Number Connected Consumers	4,879	4,890	4,905
Average kwh Used	1,002.9	1,176.8	1,179.0
Average Bill	\$ 104.71	\$ 115.88	\$ 118.63
No. kwh Purchased	5,612,369	7,007,404	6,637,896
No. kwh Sold and Used by Co-operative	4,893,305	5,754,632	5,783,052
Line Loss Percent	12.8%	17.9%	12.9%
Cost Per kwh Purchased	\$ 0.06865	\$ 0.05719	\$ 0.05702
Cost Per kwh Delivered	\$ 0.07874	\$ 0.06964	\$ 0.06545
Member Cost Per kwh	\$ 0.10563	\$ 0.09998	\$ 0.10198
Miles Energized	1,473	1,470	1,470
Revenue Per Mile	(\$358.91)	(\$397.11)	(\$406.88)
Total Expense Per Mile	\$ 354.93	\$ 392.88	\$ 358.02

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published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



One area student representing Edgar Electric Co-operative Association joined with more than 150 others from downstate Illinois in Springfield April 18 for "Rural Electric and Telephone Youth Day." The student toured the State Capitol, Lincoln's home and neighborhood, the Old State Capitol, the Illinois Vietnam Veterans Memorial and the Lincoln Tomb. At the Capitol, Dawn McMyne of Marshall met with Senator Harry "Babe" Woodyard and Representative Mike Weaver and learned more about the General Assembly and the legislative process. McMyne, along with Todd Bergdolt of Paris, will also join the group on tour in Washington, D.C., this June. From left to right are Woodyard, McMyne of Marshall, Angela Lorenzen, chaperone, and Weaver. The day-long activities were sponsored by the electric and telephone cooperatives of Illinois.

F.Y.I.

For Your Information

Edgar Electric has moved its location for the night depository box. The box was located next to the front door of the cooperative office.

The box is now located half-way up the sidewalk going towards the cooperative office front door. It is to the right of the first window.

The night depository box is available for your convenience. Payments may be dropped off after the cooperative's normal hours of business and on weekends. Envelopes are available in the top half of the box for your use. Please make sure when using the night depository box that you open the bottom hopper to drop the envelope in.

Save money—insulate that waterbed

A standard waterbed is like a huge uninsulated water heater. It includes a vinyl "water mattress," a safety liner, a four-sided bed frame and a heating unit.

A thermostat-controlled Underwriters' laboratory heater is required for most types of waterbeds. The larger the bed, the more water it holds and the more energy it uses to heat the water.

Such factors as the mattress design, the efficiency and size of the heater, and your lifestyle will affect energy use. Some energy-saving tips:

- The bed uses more energy to maintain its temperature in a cold room. However, if you turn your room thermostat down, the saving on your main heating bill should offset the increase in the bed's use of electricity.

- Keep your waterbed heater set as low as is comfortable. The average waterbed uses 90 to 150 kwh per month.

- Cover your waterbed. A partially unmade bed uses 30 percent more energy.

- If you have a standard waterbed, insulate the bottom and sides with ½-inch-thick polystyrene insulation. Place it around the sides and underneath, between the wood deck and plastic liner. This could reduce operating costs by about 25 percent.

An alternative is to purchase an insulated liner. Tests have shown that these liners save about 13 percent on a standard king size bed. Be sure to follow all safety guidelines recommended by the heater manufacturer.

Annual Meeting door prize list—March 1990

A big thanks who helped make our annual meeting a success

Hawkeye Inspec. Co.	Skill variable speed reversing drill and cordless screwdriver
Terry Elston State Farm Insur.	2 State Farm road atlases
Citizens National Bank-Paris	\$50 savings bond
Allen Vietor	5 Style Rite monthly planner
Vietor Veterinary and Poultry Supply	10 inch Craftsman Locking Pliers and bag of dog food
Electric Lab and Sales Corp.	Westclox electric alarm clock
David Wade—Base Mollett	Thermos
Graybar Electric Supply	Plano tool box
Don Keys Fertilizer Sales	6 bags of 13-13-13 fertilizer
Agri Gold Hybrids—Greg Ingrum	Agri Gold cap and hat set
Kenneth R. Miller & Assoc.	Quartz clock
Mike Mooney Inc., Paris	Free oil change and lube
Parkway Furniture	General Electric garbage disposal
Edgar County Seed Co.	Bird feeder
Dowzer	Spartus alarm clock
Winans Mats	Outdoor mat
Marrs Furniture Store, Marshall	Magazine rack
Linkon Auto Supply	Tabletop charcoal grill
MLX Graphics	Gift certificate
Keys in the Country	Wooden craft rabbit
Fletcher-Reinhardt	12" Dynasty oscillating fan
Westinghouse Electric Supply	Mercury vapor security light
Delta-Y Electric Co.	Sunbeam quartz wall clock
Brownstown Electric Supply	Igloo 54 qt. ice chest
Paris Rural King	Tuff-E tool box
First Federal Bank	\$25 checking account or deposit to existing account
Altec	Gift of members choice from Amagift catalog
Edgar County Bank & Trust	\$100 Series EEE savings bond
Edgar Electric	Several gifts and appliances and the Grand Award— a full size RCA microwave oven

Keep track of your capital credits

During the month of May, all past and present Cooperative members received a capital credit notice. There have been many questions about these notices over the years.

Many of our members think that these notices are billing statements. Quite the opposite is true.

Edgar Electric is a cooperative. A cooperative is owned by the members who have paid a membership fee to receive the service provided by the cooperative. In our case that service is rural electric service.

In any business, monies collected over and above the cost of operation is returned to the owners. This is exactly what happens in Edgar Electric's case. These monies, or margins, are distributed to our members in the form of capital credits.

The total margins for 1989 were \$378,334, which represents 6.55 percent of the amount collected for electric service. Your capital credit amount is calculated by multiplying this percentage by the amount of money you spent with us during 1988. Only your actual energy costs are used in the calculation. Taxes, late penalties, and collection charges are not included.

These capital credits are held by Edgar Electric and used to expand and improve the system. This reduces the need to borrow quite as much money, which lowers the interest to be paid on loans. All electric utilities use large amounts of capital (money). This makes interest on loans a very major expense. A reduction in expenses helps control rates, and this is a benefit to all receiving our service.

As energy costs rise and members continue to use more and more electricity, your capital credit account will continue to grow. Your capital credit account can accumulate to quite a large amount over a long period.

The capital credit balance will continue to grow as long as the member is living, continues to receive service from the cooperative and as long as capital credits are distributed. If the member discontinues receiving service, the account will remain on file without any gain. If the member returns to receiving service, the account is reactivated and growth will resume.

Even though these capital credits are currently being refunded only to estates, each member should take an interest in keeping their capital credit account up to date. We all keep our bank accounts, stock certificates and insurance policies current. Your capital credit account represents your share of ownership in your cooperative, so why not keep it current also?

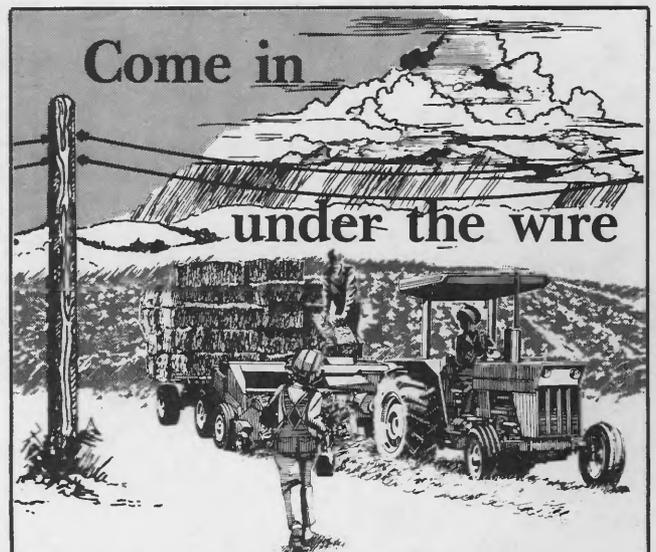
Most accounts are joint memberships. An example would be a membership issued to husband and wife. Again, these capital credits cannot be refunded until the membership is considered an estate. This means both parties need to be deceased to qualify for capital credit refund. The same consideration should be given in case of a divorce.

An account left in a member's name after one year past the date of the member's death will forfeit any

additional capital credits. Please keep your latest card with other important papers so all accounts can be transferred as soon as possible after the death of a member.

If there are any questions or changes concerning your membership or capital credit account, please contact the cooperative office.

Remember, the capital credit account is your portion of ownership in Edgar Electric Cooperative Association. Keep it current and the latest notice filed with other important papers.



Look up and live . . . safely!

On the farm, the phrase "coming in under the wire" can mean getting out of the field before a rainstorm opens up.

More importantly, it also means making sure your farm equipment gives plenty of clearance to electric power lines overhead. Electricity is a safe and reliable co-worker on the farmstead—if caution is used.

When moving machinery, look up . . . and live.

Office closed Monday, May 28, 1990 Memorial Day

reopen Tuesday, May 29, 1990
during regular hours
8:00 a.m. to 5:00 p.m.

Operating statement — February 1990

Account Description	Last Year	Year-to-date	
		Current Year	Current Month
Operating Revenue & Patronage Capital	\$ 1,023,314.18CR	\$ 1,107,606.12CR	\$ 521,446.06CR
Cost of Purchased Power	739,114.92	752,701.00	374,220.00
Transmission Expense	288.80	-0-	-0-
Distribution Expense—Operation	25,447.39	30,203.95	12,060.95
Distribution Expense—Maintenance	37,760.54	46,537.73	20,894.83
Consumer Accounts Expense	38,244.94	41,580.40	27,501.29
Customer Service and Informational Expense	9,810.49	19,767.80	11,993.74
Administrative & General Expense	70,859.43	74,141.29	35,072.57
Operation & Maintenance Expense	921,526.51	964,932.17	481,743.38
Depreciation & Amortization Expense	36,020.40	38,144.60	19,131.50
Tax Expense—Property	7,940.00	8,876.00	4,438.00
Tax Expense—Other	9,595.25	8,794.73	5,157.11
Interest on Long-Term Debt	30,770.53	29,740.03	14,321.67
Other Deductions	1,193.94	1,193.94	596.97
Cost of Electric Service	1,007,046.63	1,052,097.91	525,805.07
Patronage Capital & Operating Margins	16,267.55CR	55,508.21CR	4,359.01
Nonoperating Margins—Interest	26,709.16CR	23,616.15CR	11,781.63CR
Nonoperating Margins—Other	164.03CR	321.22CR	197.47CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	43,140.74CR	79,508.12CR	7,620.09CR

Manager's report to the board — February 1990

Statistics and Revenue Data	February 1989	January 1990	February 1990
Number Connected Consumers	4,879	4,905	4,887
Average kwh Used	989.3	1,179.0	1,049.1
Average Bill	\$ 103.35	\$ 118.63	\$ 105.80
No. kwh Purchased	5,269,595	6,637,896	5,418,685
No. kwh Sold and Used by Co-operative	4,826,854	5,783,052	5,127,103
Line Loss Percent	8.4%	12.9%	5.4%
Cost Per kwh Purchased	\$0.06715	\$0.05702	\$0.06906
Cost Per kwh Delivered	\$0.07331	\$0.06545	\$0.07299
Member Cost Per kwh	\$0.10569	\$0.10198	\$0.10232
Miles Energized	1,473	1,470	1,470
Revenue Per Mile	\$ 353.94	\$ 406.88	(\$ 362.87)
Total Expense Per Mile	\$ 328.74	\$ 358.02	\$ 357.69

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Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145

Bill would give rural viewers more TV variety at less cost

A measure introduced in the House would break the television programmers' grip on popular TV offerings. Such a step would lower prices and boost variety for third-party distributors like Rural TV. Rural TV consists of satellite dish programming offered by rural electric cooperatives.

The "Satellite Viewers' Rights Act," introduced by Rep. Billy Tauzin (D-La.) with 13 co-sponsors, would require mandatory access to programming for third-party distributors. The bill addresses non-discriminatory pricing for such services and assures that competitive practices apply to emerging satellite television technology.

"We hoped to see some movement toward a level playing field in the television programming market

since we last visited this issue," Tauzin said as he introduced his bill. "But the cable industry has not been very responsive to the satellite viewers' needs. That is why I am introducing this bill today."

The National Rural Telecommunications Cooperative, which operates Rural TV, supports Tauzin's bill. The NRTC is a national organization which Edgar Electric is affiliated.

"This legislation is vitally needed to ensure that distributors of satellite-delivered programming will compete in a free, open and competitive television marketplace," said Bob Phillips, NRTC's chief executive officer.

—Rural Electric NewsLetter

Notice to the membership

Re: delinquent power bills

In an effort to reduce the cost of collections, we are using a new telephone notification system. This computerized telephone system will call members who have failed to pay their power bill. This new system helps the cooperative by eliminating the need for a lineman to make a visit requesting payment. In the past, the process would involve two visits from our line

department—one visit to notify and the second to disconnect. The new system is programmed to make its calls in the evening hours. Even if the call is not received, there will only be one visit.

Please remember also that if you contact our billing department prior to delinquency, we make every effort to work out a solution we can both live with. This call simply serves as a reminder.

Eventually, the phone system will serve other purposes as well. Notices can be given for the annual meeting and planned outages. The phone system is one more way your cooperative is looking to serve you better.



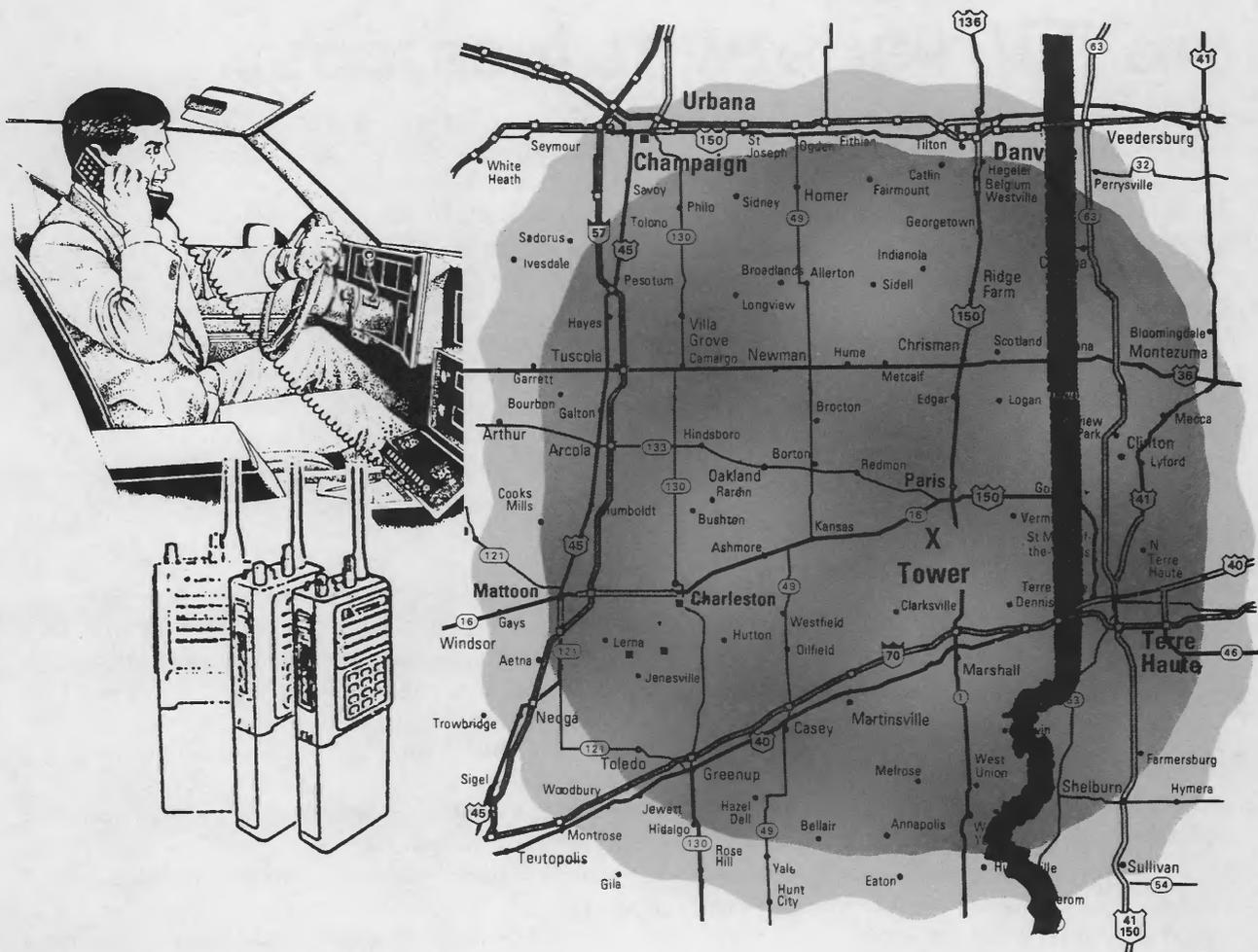
Office closing

The office of Edgar Electric Co-operative Association will be closed Wednesday, July 4, to observe Independence Day.

800 MHZ radio systems with telephone interconnect

From

**Edgar Electric Cooperative
Association and EEC Services, Inc.**



Shading indicates service area

Portable or mobile radios

How it works

The concept behind trunking is very simple. It is the pooling of several radio channels so that all users in a given area have automatic access to a free channel. The result is a system that can handle a much larger number of mobile units per channel with a much lower probability of being blocked because one channel is busy.

Because the channels are pooled in a trunked radio system, you are not limited to the use of just one channel. And because all users have automatic access to all channels, the waiting time to get on the system is greatly reduced, and the channel capacity for a given level of service is greatly increased.

The practicality of such a system becomes apparent when you realize that users normally require a channel only a short period of time. thus, few calls are processed simultaneously and access is usually immediate.

The radio independently selects open channels as needed, and a conversation may shift automatically from one channel to another, providing an added measure of privacy. This automatic switching occurs without any disruption of the user's conversation.

The advantages of a trunked system are threefold. First, its extremely efficient access of all available frequencies; second, it normally provides immediate channel access; and third, you have privacy within the system.

Telephone interconnect

How it works

The concept is very simple. If your mobile is equipped for telephone by merely pushing the phone button, your mobile radio connects you to commercial telephone line at the location of the transmitter or radio tower site.

After the dial tone is heard, your mobile radio becomes identical to a telephone and its use.

All numbers within the area of coverage can be reached by dialing "1" plus the number. No toll charge will be added to your monthly bill for any calls inside our area of coverage shown in the map.

Any calls outside this area can be made by dialing "0" plus the phone number. That charge will be billed by your local phone company through your credit card.

You may also be called by anyone who has access to a touch-tone telephone anyplace in our service area by dialing 463-1004 or 1-800-545-3004.

Air time

All telephone incoming and outgoing calls are subject to air time use charges based on the length of call (the first 30 minutes are included in the base telephone interconnect charge).

**For more information call our office
463-1002
or
1-800-635-4145**

**When you're on the go . . .
go with Motorola pagers from Edgar Electric**

- * rent or buy
- * 30 mile radius
- * many area options available
- * easy to use, portable

Now **everyone** can reach you at a moment's notice be it friends, family, staff or clients . . . everyone!

"if you need me . . . beep me!"



Operating statement — March 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$1,525,849.08CR	\$1,575,524.27CR	\$467,918.15CR
Cost of Purchased Power	1,082,958.92	1,076,029.00	323,328.00
Transmission Expense	4.92CR	976.50	976.50
Distribution Expense—Operation	42,761.22	40,346.28	10,142.33
Distribution Expense—Maintenance	62,432.89	69,235.12	22,697.39
Consumer Accounts Expense	62,675.19	64,017.65	22,437.25
Customer Service and Informational Expense	46,528.45	27,803.22	8,035.42
Administrative & General Expense	119,357.46	120,503.22	46,361.93
Operation & Maintenance Expense	1,416,709.21	1,398,910.99	433,978.82
Depreciation & Amortization Expense	54,129.86	57,453.26	19,308.66
Tax Expense—Property	11,910.00	13,314.00	4,438.00
Tax Expense—Other	12,770.51	13,642.80	4,848.07
Interest on Long-Term Debt	46,895.47	45,035.95	15,295.92
Interest Expense—Other	-0-	2,031.14	1,614.70
Other Deductions	1,790.91	1,790.91	596.97
Cost of Electric Service	1,544,205.96	1,532,179.05	480,081.14
Patronage Capital & Operating Margins	18,356.88	43,345.22CR	12,162.99
Nonoperating Margins—Interest	39,275.02CR	35,723.58CR	12,107.43CR
Nonoperating Margins—Other	103.60CR	511.96CR	190.74CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	21,021.74CR	79,643.30CR	135.18CR

Manager's report to the board — March 1990

Statistics and Revenue Data	March 1989	February 1990	March 1990
Number Connected Consumers	4,883	4,887	4,890
Average kwh Used	973.8	1,049.1	877.4
Average Bill	\$101.97	\$105.80	\$94.85
No. kwh Purchased	5,166,370	5,418,685	4,711,782
No. kwh Sold and Used by Co-operative	4,755,228	5,127,103	4,290,334
Line Loss Percent	8.0%	5.4%	9.5%
Cost Per kwh Purchased	\$0.06655	\$0.06906	\$0.06862
Cost Per kwh Delivered	\$0.07231	\$0.07299	\$0.07536
Member Cost Per kwh	\$0.10620	\$0.10232	\$0.10971
Miles Energized	1,473	1,470	1,470
Revenue Per Mile	(\$349.69)	(\$362.87)	(\$326.68)
Total Expense Per Mile	\$364.67	\$357.69	\$326.59

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145

System: GT — heating, cooling for less

Summer means soaring thermometers while in winter its icicles and snowmen. Mother Earth's seasons run a full range of temperature conditions. However the ground temperature is more moderate year around compared to the outside air. The earth itself acts as a large solar collector, absorbing and storing natural heat energy beneath its surface. This is the basis of success and the efficiency of ground source heating and cooling systems. These systems are also called geothermal systems or System: GT.

The ground-source heat pump is a mechanical device designed to efficiently transfer heat to and from the earth. This transfer of heat then provides heating, cooling and domestic hot water. The heat pump uses electrical power only to transport heat.

In this closed loop system, high-strength plastic pipe is buried beneath the earth's surface. The pipe can be placed in either a horizontal or vertical configuration, depending on the available land area. A water solution circulates through the closed loop of pipe. This system differs from conventional heating systems in that it does not make heat, it moves heat. System: GT absorbs heat from one area and transfers it to another area. The earth's constant temperature heats or cools the fluid in the pipe, regardless of the outside air temperature. The result is a system that works efficiently without depending on outside air temperatures.

In summer, the heat pump functions as an air-conditioner, extracting heat from inside the house, and pumping it into the fluid that circulates through the cooler earth. A common household refrigerator operates in much the same way. Heat is pumped from within the refrigerator to the room air.

In winter, the heat pump transfers heat from the circulating fluid to the inside air. Even on a cold day, a heat pump can extract heat from the fluid circulating in the pipes, pump it into a home and maintain a comfortable temperature. A heat pump system spells out constant comfort for consumers.

Homeowners can reap many benefits from this rapidly growing technology. First, a ground-source heat pump boasts higher operating efficiency, while at the same time lowering operating costs. The heat pump is no more complex to operate than any other major household appliance. There is no open flame or fumes. There is no unsightly and potentially dangerous fuel storage tank.

An outside condenser unit consisting of a heat exchanger and a fan is an essential part of a conventional air conditioner. System: GT has no outside units.

Today's geothermal systems translate not only into dollar savings, but energy conservation. The system works for the consumer.

On August 18, you will have a chance to see first-hand how a ground-source heat pump can work for you. A "Total Living Comfort" field day will be held at the home of Larry Johnson. See the ad and map in this center section for more information. Representatives from WaterFurnace of Illinois and the sponsoring dealer, Buck & Sons of Paris, will be on hand to answer all your questions. Cooperative personnel will be there to let you know about cooperative incentive programs. Displays will also be set up for our satellite dish program and two-way mobile radios. We look forward to seeing you there!



Field Day: "Total Living Comfort"

Saturday, August 18, 1990
Larry Johnson's home (see map)
10:00 a.m. to 2:00 p.m.

Total Living Comfort — "Letting the Earth Work for You"

Sponsored by: Edgar Electric
Buck & Sons Plumbing, Paris
WaterFurnace of Illinois

Energy tips for a cooler summer

Here are some tips that may help minimize the effect of hot weather on your electric bills.

- Set your air conditioning thermostat at 78 degrees while you're home, raise the thermostat setting 5 or more degrees when you will be away from home for several hours.
- Don't turn the thermostat to a lower setting to speed up cooling.
- Keep the air conditioner filter clean. A dirty filter causes the unit to run longer to move the same amount of air.
- Make sure indoor registers are free of dust and clear off furniture and other obstructions, so air can circulate freely.
- Keep the outside unit clear of grass or shrubs to allow proper air flow over the condensing coils.
- Block out sunlight to your windows by closing draperies, blinds, or shades inside.
- Use appliances that produce heat and moisture in the early morning or late evening hours, whenever possible.
- Turn off all unnecessary lights. They produce heat that your air conditioner must remove.
- Use a microwave oven, electric skillet or other small appliances for meal preparation. This keeps you kitchen cooler than using the range or oven.
- Use low wattage fans to help circulate air indoors.
- Don't run your air conditioner out of habit. On cooler, less humid days, turn the unit off, and open the windows.

CLEAN FILTERS OFTEN

Clean air conditioner filters monthly, and replace when needed.

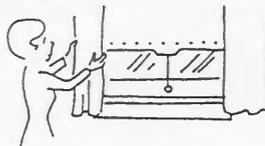


SET THERMOSTAT AT 78° OR HIGHER

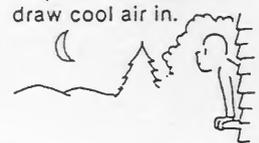
You should be comfortable if you DRESS LIGHTLY. Locate thermostat away from direct sunlight or heat from appliances.

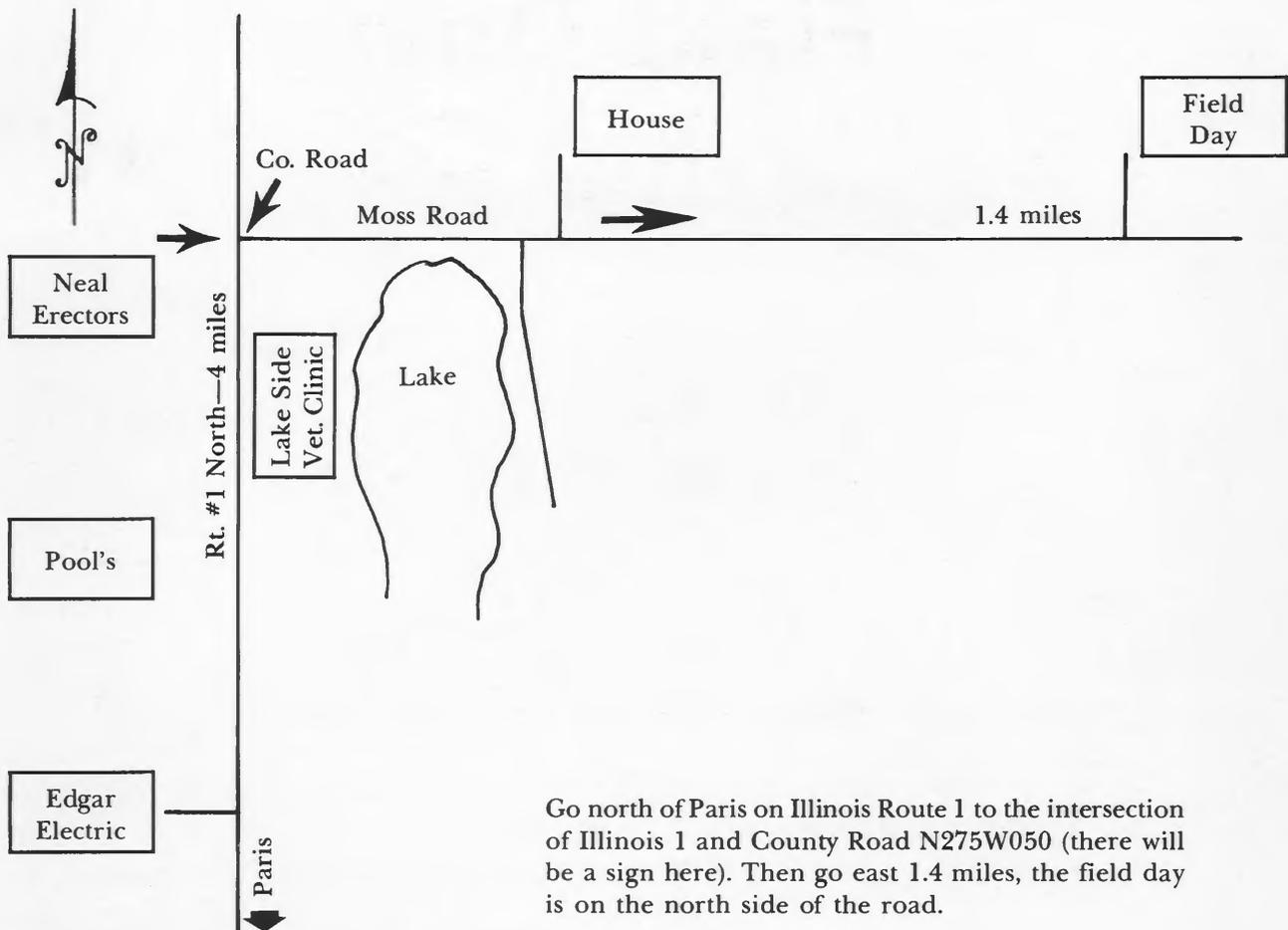


DRAW SHADES, drapes or blinds, and close windows during the day to keep out sun's heat.



USE COOL NIGHT AIR to ventilate your house. Open LOW windows on cool side of house. An ATTIC FAN helps force hot air out, draw cool air in.





Go north of Paris on Illinois Route 1 to the intersection of Illinois 1 and County Road N275W050 (there will be a sign here). Then go east 1.4 miles, the field day is on the north side of the road.

Thinking about buying an air conditioner?

An important way to use energy efficiently and wisely, as well as minimize cooling costs, is to purchase a more energy-efficient air conditioner. Before buying an air conditioner, you should be able to answer these questions for the dealer. How large is the area to be cooled? Is it well insulated? How many windows (including sizes) are there and are they weatherstripped? When buying an air conditioner, the secret is to spend less on the purchase, get maximum comfort for your dollar and spend less to operate the unit.

What do efficiency ratings mean? The purpose of rating the efficiency of an air conditioner is to indicate the relative amount of energy needed to provide a

specific cooling output. The more efficient the equipment, the less energy used for equivalent cooling requirements.

The energy efficiency ratio (EER) is a mathematical ratio involving the cooling output measured in British thermal units per hour (Btuh) divided by the electrical power input (watts). The greater the EER, the more efficient the unit, the more cooling capacity available for each kilowatt-hour (kwh) of electricity. For example, a window air conditioner unit with an 8,000-Btuh capacity rating and an EER of 8.0 will cost about 33 percent less to operate than a model with an EER of 6.

Thank you!

**To the Edgar County Bank and its board of directors
for sponsoring the tour of our facilities by the
Edgar Electric board of directors**

July 10, 1990

Operating statement — April 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$1,982,283.68CR	\$2,019,523.25CR	\$443,998.98CR
Cost of Purchased Power	1,412,703.92	1,389,228.00	313,199.00
Transmission Expense	4.92CR	976.50	-0-
Distribution Expense—Operation	58,163.68	53,101.80	12,755.52
Distribution Expense—Maintenance	96,585.35	88,585.80	19,350.68
Consumer Accounts Expense	73,788.62	78,590.25	14,572.60
Customer Service and Informational Expense	48,068.00	32,673.65	4,870.43
Administrative & General Expense	149,084.04	152,841.93	32,338.71
Operation & Maintenance Expense	1,838,388.69	1,795,997.93	397,086.94
Depreciation & Amortization Expense	72,320.54	76,921.48	19,468.22
Tax Expense—Property	15,880.00	17,752.00	4,438.00
Tax Expense—Other	16,442.76	17,849.83	4,207.03
Interest on Long-Term Debt	62,538.84	60,032.04	14,996.09
Interest Expense—Other	-0-	3,613.33	1,582.19
Other Deductions	2,387.88	2,387.88	596.97
Cost of Electric Service	2,007,958.71	1,974,554.49	442,375.44
Patronage Capital & Operating Margins	25,675.03	44,968.76CR	1,623.54CR
Nonoperating Margins—Interest	53,853.45CR	48,184.73CR	12,461.15CR
Nonoperating Margins—Other	2,479.90CR	850.85CR	338.89CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	30,658.32CR	94,066.88CR	14,423.58CR

Manager's report to the board — April 1990

Statistics and Revenue Data	April 1989	March 1990	April 1990
Number Connected Consumers	4,890	4,890	4,911
Average kwh Used	859.3	877.4	822.4
Average Bill	\$92.45	\$94.85	\$89.53
No. kwh Purchased	4,943,286	4,711,782	4,743,683
No. kwh Sold and Used by Co-operative	4,201,946	4,290,334	4,038,584
Line Loss Percent	15.0%	9.5%	14.9%
Cost Per kwh Purchased	\$0.06671	\$0.06862	\$0.06602
Cost Per kwh Delivered	\$0.07847	\$0.07536	\$0.07755
Member Cost Per kwh	\$0.10895	\$0.10971	\$0.11038
Miles Energized	1,472	1,470	1,470
Revenue Per Mile	(\$319.98)	(\$326.68)	(\$310.75)
Total Expense Per Mile	\$315.05	\$326.59	\$300.94

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



Two area students are among 60 outstanding high school students representing the electric and telephone cooperatives of Illinois in Washington, D.C., June 15-22. Todd A. Bergdolt of Paris and Dawn M. McMyne of Marshall are representing Edgar Electric Co-operative Association, Paris, on the 31st annual "Youth to Washington" tour. The students met with Illinois congressmen and senators on Capitol Hill on June 19. From left are Rep. Terry L. Bruce, Bergdolt and McMyne. The visitors' agenda included a Ford's Theater performance, Arlington National Cemetery, a Potomac River cruise and the battlefield of Gettysburg.

Youth to Washington Tour

Two area youths recently participated in the Illinois "Youth to Washington" Tour. This trip is sponsored by the Association of Illinois Electric Cooperatives. Todd Bergdolt, 17, son of Mr. and Mrs. Terry Bergdolt, Paris, and Dawn McMyne, 16, daughter of Mrs. Linda McMyne, Marshall, were representatives of Edgar Electric Cooperative Association in Paris.

The two teenagers were selected for the seven-day trip through their participation in the 4-H and their essays written on rural electrification. They joined 58 other Illinois high school students for the tour, which originated in Springfield. In Washington the Illinois

assembly was part of a group of 1,000 students from across the country.

Among the highlights of the trip were visits to Gettysburg, Pennsylvania; Mount Vernon, home of George Washington; Arlington National Cemetery; the Lincoln, Jefferson, and Vietnam War memorials; the Capitol; and the Washington Monument. Other places of interest were the Washington National Cathedral, the Royal Embassy of Saudi Arabia, the Smithsonian complex, the Kennedy Center of the Performing Arts, the FBI headquarters, the U.S. Supreme Court, the

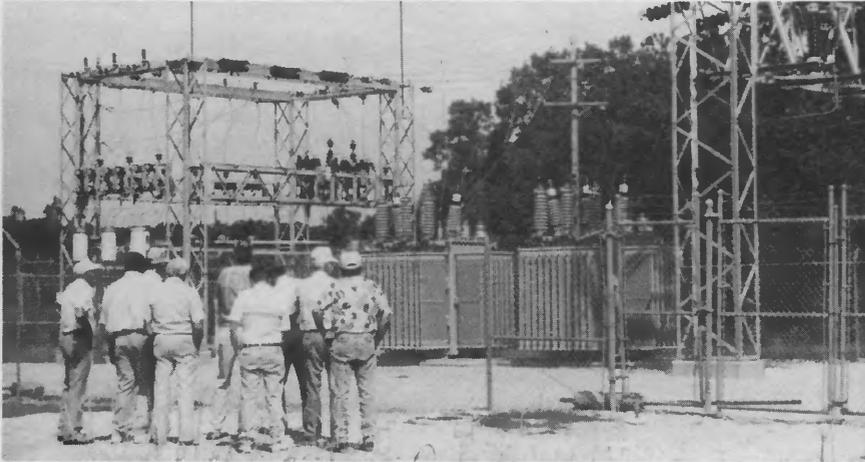
(Continued on page 14c)

Board Tour

On July 10, The Edgar Electric board of directors toured the cooperative's facilities. The trip was sponsored by the Edgar County Bank of Paris.

During the day-long event, the directors toured the

northern section of Edgar Electric area. The tour provides an opportunity for directors to become familiar with the entire territory that Edgar serves. Several businesses that are located on Edgar lines were visited.



The first stop was the Kansas substation. The Kansas substation is one of eight substations owned by Edgar Electric.



Manager Tom Hentz and board president, Joe Welsh, discuss the cooperative's facilities.



The board visited nearby Recontek in Newman. The plant is still under construction. A representative of the company explained its operations.



Jim Anderson of Northrup King discusses the plant expansion to the members of the board.



Front row, from left: Garold Farthing, Jon Farris, Glenn Bishop, Tom Murphy and Kevin Emberton (Edgar County Bank); Second row, from left: Joe Welsh, John Fall, Dave Hollis, Dave Schiver, Tom Hentz, Angela Lorenzen and Bob Elledge.

Electricity doesn't take a vacation!

Many members assume that when they leave on vacation their electric meter stops until they return home. They expect the bill to be smaller than usual. With this in mind, consider the following questions:

1. Was the water heater turned off during vacation? The water heater continues to keep water at the usual temperature. Even though hot water is not being used, heat is lost through the tank.
2. Was the refrigerator unplugged? It continues to use electricity to keep food cold.
3. Was the freezer turned off? Probably not! If it is a frost-free type, it will continue to cycle daily, defrosting the coils and then cooling them again every few minutes.
4. Were there other electrical appliances still connected, such as clocks, dehumidifiers, water beds,

or pumps? Was the thermostat set back? Even though you are not home, these appliances are still working for you.

If you are determined that no electricity is to be used during your vacation you must disconnect the main breaker. Keep in mind that all your electrical appliances will stop. If your water heater is electric you will also come home to cold water only!

Keep in mind, too, that most vacationers return home with one or two weeks' worth of laundry to wash; in this case the water heater gets a good workout the first few days at home.

Remember—even though you are away from home, the electrical requirements for power in the home still exist. Unless you make some disconnections before leaving, your electric meter will not slow down much.

(Continued from page 14a)

National Geographic Society, the U.S. Department of Agriculture, and the Rural Electrification Administration. Students also attended a performance of Woody Guthrie's American Song at Ford's Theatre and enjoyed a special twilight cruise on the Potomac River. The students even had time to meet with their senators and congressmen. Unfortunately the teens did not get to tour the White House, as it was undergoing work; scaffolding even prevented the taking of good photographs.

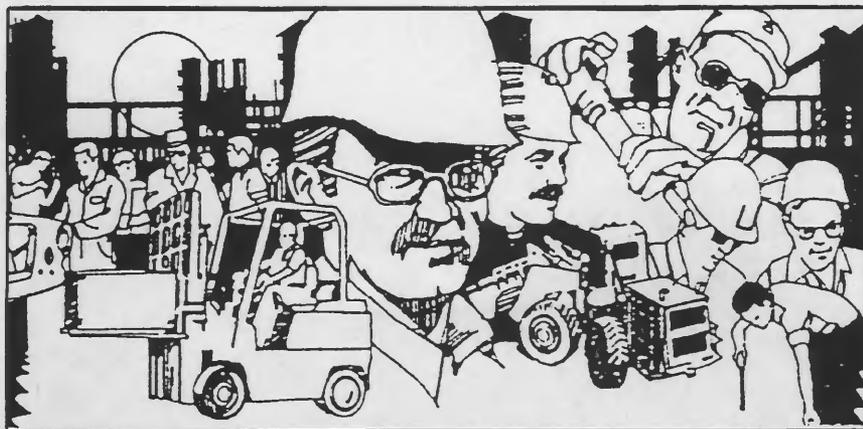
Among his favorite places and events, Bergdolt includes the Washington National Cathedral, the Lincoln Memorial, Mount Vernon, and the Iwo Jima Parade and Pageant, stating that the U.S. Marine Rifle Corps was "totally awesome."

McMyne has been a member of the 4-H program for nine years. In 4-H, she has held the offices of reporter, historian, secretary, treasurer and president. She also served as federation secretary. McMyne is an active member of the Spanish and Science clubs, the Marshall City Band, the New Covenant Singers, and vice president of Students Against Drunk Driving. McMyne, who will be a senior this year, represented Marshall High

School as an ambassador to the Hugh O'Brian Youth Seminar. As a "HOBY" alumnus, she hopes to return next year as a Junior Counselor.

As a nine-year member of the Pine Grove Ag 4-H Club, Bergdolt has been a club officer, junior leader, federation delegate, and county committee chairman. He has participated in many projects, including electricity, woodworking, and swine. Bergdolt has shown projects at the Illinois State Fair. A 1990 graduate of Paris High school, he was active in FFA, football, track, band and weight lifting. He received his state FFA degree in June. This fall Bergdolt will attend Northwest Missouri State University in Maryville, where he plans to study agronomy and participate in track.

The "Youth Tour" to Washington has been in effect since 1957. It originated from comments made by then-Senator Lyndon Johnson at the annual meeting of the National Rural Electric Cooperative Association. This year 39 states took part. A representative from each participating state is elected to serve on the Youth Consulting Board. Members of this board participate in local, state, and national activities, including assistance with the Youth Tour.



**Edgar Electric Cooperative
office closed
Monday, September 3
in observance of
Labor Day.**

Manager's report to the board — May 1990

Statistics and Revenue Data	April 1989	March 1990	April 1990
Number Connected Consumers	4,909	4,911	4,902
Average kwh Used	787.6	822.4	774.8
Average Bill	\$86.21	\$89.53	\$84.76
No. kwh Purchased	4,231,123	4,743,683	4,318,911
No. kwh Sold and Used by Co-operative	3,866,337	4,038,584	3,798,112
Line Loss Percent	8.6%	14.9%	12.1%
Cost Per kwh Purchased	\$0.04592	\$0.06602	\$0.06404
Cost Per kwh Delivered	\$0.05026	\$0.07755	\$0.07283
Member Cost Per kwh	\$0.11078	\$0.11038	\$0.11090
Miles Energized	1,472	1,470	1,470
Revenue Per Mile	(\$299.91)	(\$310.75)	(\$293.66)
Total Expense Per Mile	\$234.14	\$300.94	\$291.85

Operating statement — May 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$2,409,541.14CR	\$2,439,445.57CR	\$419,922.32CR
Cost of Purchased Power	1,607,007.15	1,665,831.00	276,603.00
Transmission Expense	4.92CR	1,486.01	509.51
Distribution Expense—Operation	71,968.79	70,061.72	16,959.92
Distribution Expense—Maintenance	123,247.36	119,492.83	30,907.03
Consumer Accounts Expense	85,556.13	93,533.31	14,943.06
Customer Service and Informational Expense	49,804.92	39,267.55	6,593.90
Administrative & General Expense	202,752.98	188,813.77	35,971.84
Operation & Maintenance Expense	2,140,332.41	2,178,486.19	382,488.26
Depreciation & Amortization Expense	90,550.03	96,462.65	19,541.17
Tax Expense—Property	19,850.00	22,190.00	4,438.00
Tax Expense—Other	20,131.34	24,235.30	6,385.47
Interest on Long-Term Debt	78,757.59	75,393.71	15,361.67
Interest Expense—Other	-0-	3,824.29	210.96
Other Deductions	2,984.85	2,984.85	596.97
Cost of Electric Service	2,352,606.27	2,403,576.99	429,022.50
Patronage Capital & Operating Margins	56,934.87CR	35,868.58CR	9,100.18
Nonoperating Margins—Interest	68,060.66CR	59,668.16CR	11,483.43CR
Nonoperating Margins—Other	2,487.85CR	1,118.57CR	267.72CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	127,483.38CR	96,717.85CR	2,650.97CR

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



Sheriff's department officials from Clark and Edgar counties met with Edgar Electric Co-operative Association officials July 24 to launch the cooperative's Crime Watch program. After an information session at Edgar Electric's headquarters in Paris, officers and cooperative representatives placed a Crime Watch decal on a cooperative vehicle. From left are Jim Sullivan, Edgar County sheriff; Dan Crumrin, Clark County sheriff; Jim Parrish, special investigator for Edgar County; Tom Hentz, manager of Edgar Electric; Verlin Funkhouser, cooperative line foreman; and Hobie Smithson, cooperative assistant foreman.

Co-op, authorities join in 'Crime Watch'

A rural Crime Watch program, developed with the assistance of local law enforcement agencies and based on cooperation between the agencies and Edgar Electric Co-operative Association, is now under way in all or parts of five counties.

Edgar Electric personnel who use cooperative vehicles fitted with new two-way communication equipment are participating to help reduce rural crime in the area. They will notify authorities of suspicious events and crimes in progress, as well as threatening weather conditions, accidents, fires and other emergencies. All communication-equipped electric cooperative vehicles will be clearly marked with specially designed "Crime Watch" decals easily seen by the public.

Edgar Electric's new communications system allows cooperative personnel to have a direct telephone link to five county sheriff's departments—Clark, Coles, Douglas, Edgar and Vermilion—so its employees in the field can immediately notify authorities of an emergency.

The Illinois Electric Cooperative Crime Watch program is endorsed by the Illinois Sheriff's Association, which has helped Illinois electric cooperatives develop the statewide program. Currently, more than 850 electric cooperative employees and 350 vehicles throughout the state are part of the crime prevention program.

An orientation meeting for the most recent participating cooperative took place July 24 at Edgar Electric's headquarters in Paris. Dan Crumrin, Clark County sheriff, and Jim Sullivan, Edgar County sheriff, met with Thomas Hentz Edgar Electric manager, and

Edgar Electric employees who will be involved in the field.

Rural crime has been on a steady increase across the country in recent years. An FBI report in the early 1980s cited a 600 percent rise in rural crime in the previous 15-year period; and serious crimes increased in rural areas 43 percent more rapidly than in urban areas. In the eight years from 1972 to 1980, the number of motor vehicle thefts in rural Illinois rose 139 percent, according to state crime statistics. The number of rural robberies during that period rose 84 percent, the number of rural murders increased by 40 percent and forcible rapes increased by 156 percent.

The most effective method to combat this crime wave is through citizen involvement, according to a number of studies. A report by the Illinois State University's Department of Criminal Justice Sciences notes that "a crime prevention program that does not require citizen involvement and participation will probably fail."

Manager Hentz said that the Crime Watch program is another way for Edgar Electric to contribute as a member of the community.

"We want to do our part and help reduce crime in our outlying territory," he stated. "We care about our neighbors and their communities. With many of our employees routinely crossing our service territory while on the job, we can serve as extra eyes and ears for our law enforcement departments."

During the orientation meeting, Edgar Electric employees received IEC Crime Watch training, which defines their role in the program. Sheriffs Sullivan and

(Continued on page 14b)

Geothermal systems: buried treasure

Edgar Electric held its first annual "TLC: Total Living Comfort" Field Day August 18. The event was held at the home of Larry and Donna Johnson in Paris.

The field day showcased geothermal heating and cooling units. Geothermal means heating and cooling for less. The systems are designed to utilize the vast amounts of energy stored in the earth, and bridge the gap between high technology and affordable efficiency.

The geothermal system consists of a buried pipe system that forms a continuous closed loop and acts as a heat exchanger between the liquid it contains and the surrounding soil. The result is clean, safe, comfortable heating and cooling that is the most efficient on the market today.

An energy audit performed on the Johnson home showed the actual savings this unit will produce. Edgar Electric personnel were on hand at the field day to discuss cooperative incentive programs. Also available were representatives from WaterFurnace of Illinois and Buck and Son, a local dealer, for questions regarding individual homes and the geothermal system.

If you missed the field day this year, be sure and watch for announcements in local newspaper and this

publication for next year's date. Contact Edgar Electric Co-operative for information regarding the geothermal heating, cooling and water heating system.

(Continued from page 14a)

Crumrin answered questions and offered their suggestions about the program. Employees are limited to reporting descriptions or suspicious vehicles and incidents. Employees will not attempt to apprehend or arrest persons.

"This new program won't make crime disappear from our area, but our members can know that we are on watch for criminal activity, accidents and other emergencies throughout Edgar Electric's service area," Hentz said. "People who see our vehicles with the Crime Watch decals will know they can approach our employees if they need help in contacting emergency personnel or a law enforcement officer."

The Crime Watch program and training is coordinated by the Association of Illinois Electric Cooperatives.

Edgar Electric Co-operative Association serves 4,890 members on 1,470 miles of energized line in Clark, Coles, Douglas, Edgar and Vermilion counties.



Depository is at center of photo

Night depository box installed by Edgar Electric

For your convenience, Edgar Electric has a night depository box available to its members. Payments may be dropped off after the cooperative's normal hours of business and on weekends. Please note that all payments received after 8 a.m. will not be posted until the following business day.

The night depository box is located to the right of the first window shown in the photo above.

To use the night depository box:

1. Pull envelope out of night depository, fill in correct information, and place payment in envelope.
2. Pull hopper door open and place envelope in drawer.



Instructions on the depository



Crews practice poletop rescues

Edgar Electric maintains the expertise of its staff through a systematic series of training programs. During monthly sessions, linemen review work procedures and equipment operation, as well as first aid and rescue techniques. All Edgar employees are certified by the American Red Cross for CPR and Standard First Aid. In July, employees used a manikin to practice "pole-top rescue," a method of lowering an injured lineman from the top of a utility pole. The safety class was conducted in the cooperative's pole yard behind the main office building. The rescuer must climb the pole, create a rope harness and lower the manikin to the ground in less than four minutes. In the photo at left above, safety instructor Alan Pinkstaff of the Association of Illinois Electric Cooperatives conducts the class. In the photo at the right above, line foreman Verlin Funkhouser takes his turn, lowering the 130-pound manikin to the ground. To the right, Hobart Smithson is also shown demonstrating the precise steps of the rescue, along with Pinkstaff. Each lineman demonstrated his ability to lower the dummy in the allotted time.



Operating statement — June 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$2,810,716.90CR	\$2,846,334.45CR	\$406,838.88CR
Cost of Purchased Power	1,882,272.15	1,911,298.00	245,467.00
Transmission Expense	4.92CR	1,642.02	156.01
Distribution Expense—Operation	89,322.60	86,888.48	16,826.76
Distribution Expense—Maintenance	160,777.40	158,342.79	38,849.96
Consumer Accounts Expense	97,426.84	106,387.41	12,854.10
Customer Service and Informational Expense	51,854.45	44,392.77	5,125.22
Administrative & General Expense	235,416.90	222,608.28	33,794.51
Operation & Maintenance Expense	2,517,065.42	2,531,559.75	363,073.56
Depreciation & Amortization Expense	108,786.32	116,104.95	19,642.30
Tax Expense—Property	28,820.00	26,628.00	4,438.00
Tax Expense—Other	26,223.19	29,050.90	4,815.60
Interest on Long-Term Debt	94,428.74	90,297.25	14,903.54
Interest Expense—Other	-0-	3,825.33	1.04
Other Deductions	3,581.82	3,581.82	596.97
Cost of Electric Service	2,773,905.49	2,801,048.00	397,471.01
Patronage Capital & Operating Margins	36,811.41CR	45,286.45CR	9,417.87CR
Nonoperating Margins—Interest	82,043.82CR	70,271.22CR	10,603.06CR
Nonoperating Margins—Other	2,715.16CR	1,383.44CR	264.87CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	121,570.39CR	117,003.65CR	20,285.80CR

Manager's report to the board — June 1990

Statistics and Revenue Data	June 1989	May 1990	June 1990
Number Connected Consumers	4,898	4,902	4,908
Average kwh Used	712.9	774.8	739.4
Average Bill	\$80.64	\$84.76	\$82.18
No. kwh Purchased	4,042,763	4,318,911	4,003,426
No. kwh Sold and Used by Co-operative	3,492,009	3,798,112	3,628,801
Line Loss Percent	13.6%	12.1%	9.4%
Cost Per kwh Purchased	\$0.06809	\$0.06404	\$0.06131
Cost Per kwh Delivered	\$0.07883	\$0.07283	\$0.06764
Member Cost Per kwh	\$0.11518	\$0.11090	\$0.11246
Miles Energized	1,472	1,470	1,470
Revenue Per Mile	(\$282.04)	(\$293.66)	(\$284.19)
Total Expense Per Mile	\$286.21	\$291.85	\$270.39

Should your power go off

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Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



Edgar Electric Co-operative, Paris, received certification from the Rural Electric System Safety Accreditation Program August 22 in Springfield. The presentation was made to Edgar Electric Co-operative and two other Illinois electric cooperatives during the 49th annual meeting of the Association of Illinois Electric Cooperatives (AIEC). From left are Joe Welsh of Marshall, Edgar board president; Thomas J. Hentz, manager; Bud S. Wall of Paris, Edgar operating engineer and safety coordinator; and Wilbert H. Rueter of Carlyle, president of the AIEC board. Wall is also chairman of the AIEC Job Training and Safety Committee.

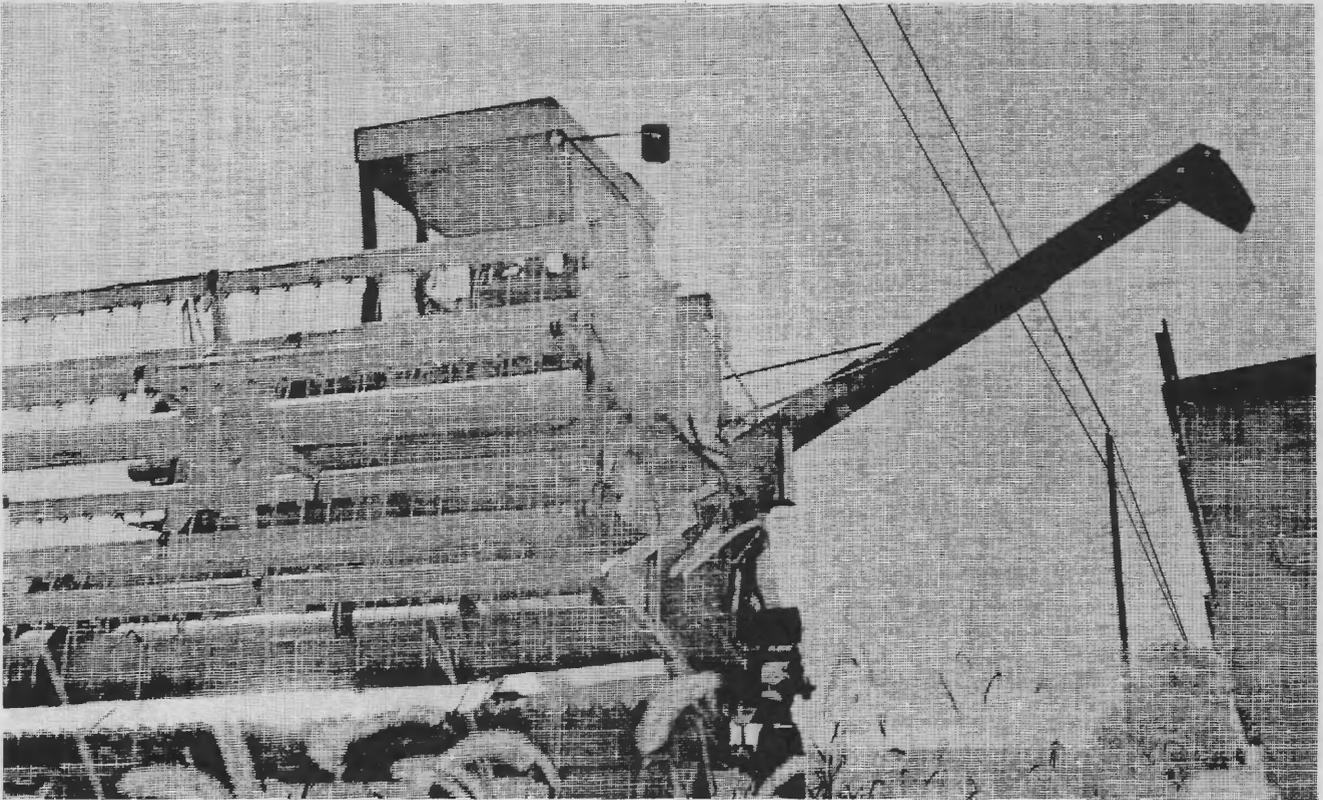
Edgar Electric wins safety accreditation

Edgar Electric Co-operative Association has been reaccruited for maintaining an effective comprehensive employee safety program. The award was made August 22 during the annual meeting of the Association of Illinois Electric Cooperatives.

Under the accreditation program, the National Rural Electric Cooperative Association reviews cooperative employee safety efforts every three years after the initial certificate is issued. A lengthy investigation and

evaluation is conducted to determine the program's effectiveness. The entire system is inspected including vehicles, building, substations, and the poleyard.

Edgar Electric employees make safety a priority and are honored to be one of 400 safety accredited organizations out of 1,100 rural electric systems in the United states. Earning certification makes honored cooperatives eligible for significant reductions in insurance rates.



Watch for poles, guy wires during harvest

This year's harvest is near, and farmers throughout Edgar Electric's service area will once again be hard at work bringing in this year's crops. This is a happy and an anxious time as farmers prepare to reap the benefits of their hard work during the summer months.

Unfortunately, this is also the time of year when Edgar Electric sees an increase in guy wire, pole and line damage. We realize that you have important tasks on your mind during this time of year. We share your concern to complete these tasks.

However, today's equipment is larger and puts the operator of the vehicle farther away from hazards and obstacles around the perimeter of the field. This makes it easier to overlook guy wires and other objects hiding near the edge of the field.

This year, do yourself and Edgar Electric a favor. Take time to check for hidden obstacles before you start harvesting. This is even more important if you have new employees helping during the harvest season. Don't let the guy wires or poles hitch a ride on your equipment this year.

Returned check fees increased to \$15

Edgar Electric Co-operative Association has increased its returned check fee to \$15 per check September 1. The amount previously was \$5 per check. This increase is due to the high number of checks being returned to the office. Also, effective October 1, EEC Services, the subsidiary of Edgar Electric, increased its returned check fee to \$15 per check.

If a member has three bad checks returned to the office for any reason, the member is put on a cash or money order-only basis. This will be in effect for one year from the date of the last check received.

If you have any further questions regarding our return check policy, please contact the Billing Department during business hours.

Be careful when using electrical tools outdoors

During the fall season many members can be found working outside in their yards in an attempt to get their yard and house prepared for the winter months. Often this maintenance requires the use of electric tools. Because of this we would like to remind all our members to be safe when using electricity outdoors.

Never use electric equipment around water or wet surfaces. Use only extension cords specified for out-

door use; an indoor cord won't hold up to the abuse and they are not weather resistant. Make sure extension cords are sized for the equipment you are using. Carefully inspect cords for cracks in the insulation and replace them immediately if damaged.

Be sure to read and follow all instruction booklets that come with equipment; often safety glasses and gloves are recommended by the manufacturer.



The Rural TV advantage



Rural TV offers more sports, first-run movies, children's and family shows, drama, documentaries and specials, plus up-to-the-minute news that keeps you informed. Rural TV is programming your whole family will enjoy.

Rural TV's basic packages allow you to choose the satellite TV package that best fits your family's needs and budget. Giving you choice is what Rural TV is all about.

Please note the changes in the Rural TV program packages.

BASIC Package \$11.95 per month (18 Channels)

CNN, Country Music TV, Discovery, ESPN, The Family Channel, Headline News, Learning Channel, Lifetime, Nashville Network, Nickelodeon, Nostalgia Channel, KTVT, WGN, WPIX, USA Network, WTBS, Weather Channel

G-1 BASIC Package \$8.95 per month (11 Channels)

Arts and Entertainment, CNN, Country Music TV, Discovery Channel, ESPN, Family Channel, Headline News, Nashville Network, WTBS, USA Network, WGN

EXTENDED BASIC Package \$17.95 per month (26 Channels)

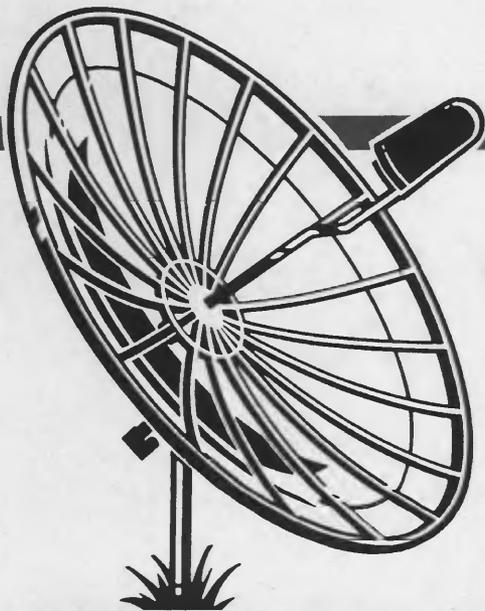
Arts and Entertainment, CNN, Country Music TV, Discovery Channel, ESPN, Family Channel, Headline News, Learning Channel, Lifetime, Nashville Network, Nickelodeon, Nostalgia Channel, Prime Time 24 (WABC, WXIA, WBBM), Skyline Silver (KTVT, WGN, WPIX), Travel Channel, WTBS, USA Network, Weather Channel

PREMIUM SERVICES

HBO, Cinemax, Disney, Starion Cinema, Satellite Sports Network

A LA CARTE SERVICES

Prime Time 24 (WABC, WBBM, WXIZ), Skyline Silver (WSBK, KTLA, WWOR), Superstation TBS—Atlanta



SATELLITE TELEVISION Equipment and Programming

Call:
EEC Services
1-800-635-4145
or
(217)463-4145

Special "Lease to Own" Program

Office closings

The cooperative office will be closed Monday, November 12, to honor those Americans who have served their country in the defense of our freedom, and Thursday and Friday, November 22 and 23, in observance of Thanksgiving. We at Edgar Electric wish you and yours pleasant holidays.



Operating statement — July 1990

Account Description	Last Year	Year-to-date Current Year	Current Month
Operating Revenue & Patronage Capital	\$3,248,729.67CR	\$3,298,277.45CR	\$451,943.00CR
Cost of Purchased Power	2,122,466.15	2,214,080.00	302,782.00
Transmission Expense	4.92CR	1,642.02	-0-
Distribution Expense—Operation	102,917.26	104,042.94	17,154.46
Distribution Expense—Maintenance	203,858.08	210,450.25	52,107.46
Consumer Accounts Expense	108,593.00	122,322.29	15,934.88
Customer Service and Informational Expense	53,401.04	45,554.80	1,162.03
Administrative & General Expense	267,406.69	255,087.27	32,478.99
Operation & Maintenance Expense	2,858,637.30	2,953,179.57	421,619.82
Depreciation & Amortization Expense	127,202.73	135,800.35	19,695.40
Tax Expense—Property	27,995.00	31,066.00	4,438.00
Tax Expense—Other	30,595.01	33,719.34	4,668.44
Interest on Long-Term Debt	110,473.23	105,549.87	15,252.62
Interest Expense—Other	-0-	4,695.54	870.21
Other Deductions	4,178.79	4,178.79	596.97
Cost of Electric Service	3,159,082.11	3,268,189.46	467,141.46
Patronage Capital & Operating Margins	89,647.56CR	30,087.99CR	15,198.46CR
Nonoperating Margins—Interest	96,307.35CR	81,363.65CR	11,092.43CR
Nonoperating Margins—Other	1,112.71CR	1,650.08CR	266.64CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	187,067.62CR	113,164.26CR	3,839.39CR

Manager's report to the board — July 1990

Statistics and Revenue Data	July 1989	June 1990	July 1990
Number Connected Consumers	4,894	4,908	4,910
Average kwh Used	805.9	739.4	834.1
Average Bill	\$88.81	\$82.18	\$90.58
No. kwh Purchased	4,346,654	4,003,426	4,440,152
No. kwh Sold and Used by Co-operative	3,943,845	3,628,801	4,095,258
Line Loss Percent	9.3%	9.4%	7.8%
Cost Per kwh Purchased	\$0.05526	\$0.06131	\$0.06819
Cost Per kwh Delivered	\$0.06090	\$0.06764	\$0.07393
Member Cost Per kwh	\$0.11132	\$0.11246	\$0.11062
Miles Energized	1,472	1,470	1,469
Revenue Per Mile	(\$307.25)	(\$284.19)	(\$315.39)
Total Expense Per Mile	\$261.67	\$270.39	\$318.00

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.

Current Hi-lights

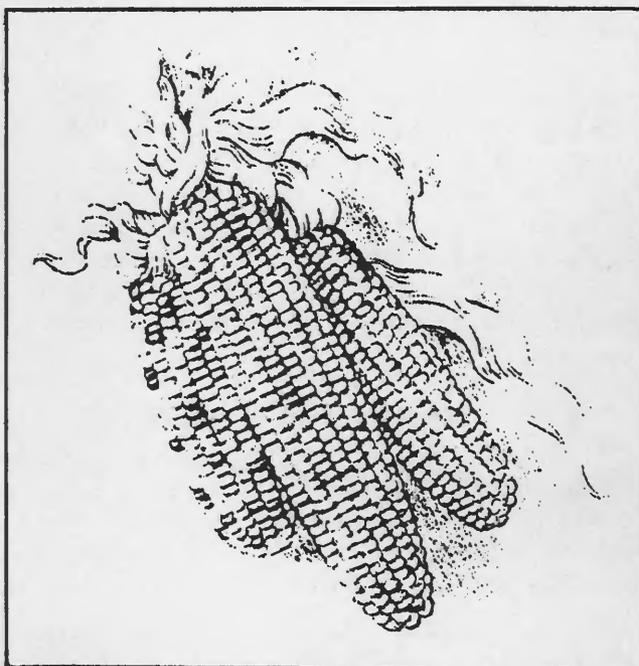
published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145

An a-maize-ingly tasty treat

What is white and fluffy, light, not stuffy (no, it's not a cloud), crunchy, often squeaky, and, in its undeveloped form, reminds one of a card game? Popcorn! This tasty treat titillates the tastebuds of millions of people around the world who agree that its delicious flavor is well worth crunching through the few "old maids" at the bottom of the bowl. For many years popcorn has been one of America's favorite snacks, but just where did this explosive treat originate?

Centuries before the first white man embarked upon a voyage to the New World, the natives of America had discovered the value of corn, or maize as they called it. An excellent source of food, it could be grown extensively, prepared in a variety of ways, and stored easily. As it rapidly became their primary source of food, the Indians developed several varieties, each adapted to certain environmental conditions. Throughout the Americas, each tribe grew the type best suited to its particular region. Nearly all of them, however, grew some popping corn, not only for food, but also for decoration and recreation. The little white "flowers" formed attractive garlands and corsages; and the kernels, when thrown into the fire, could, according to Indian legend, reveal the future.

When the white men arrived, the Indians shared their secret of survival in the New World by introducing the colonists to corn. The establishment of the first permanent white settlement in the New World



depended on this golden grain. If, in 1605, Captain John Smith and the other colonists, at Jamestown had not traded with the Indians for corn, they could never have escaped famine and starvation. Likewise, the Pilgrims survived their first long, cold, harsh Massachusetts winter through the generosity of the Indians in sharing their stores of corn.

Thanksgiving

There dawned a frosty morning
In the autumn of the year,
When the crops had all been gathered,
And the air was crisp and clear.

The Pilgrims all rose early
To lend a helping hand
And lay a festive table
With the bounty of the land.

Soon the farmers from the harvest
And the hunters from the wood
Brought the pumpkins and the turkeys
And the ripened fruits they could.

Then the Pilgrims paused a moment,
To bow their heads to pray,
And thanked God for His blessings
On that first Thanksgiving Day.

Jean M. Helferich
"Ideals" Magazine

Easy tips for managing home energy use

There are many ways to save electricity, but saving is only one part of home energy management. Enjoying the benefits of electricity is a big part, too. Electricity brings you comfort, convenience, power and value. Use it wisely and safely.

Here are some easy tips for managing your home energy use.

Major appliances

When buying a major appliance, shop for efficiency. For example, many new electric heat-pump water heaters are twice as efficient as the models commonly found in homes today. Consumer information on energy efficiency is included on the label for most major appliances.

Air leaks

It is hard to make an older home too "air tight." An eighth-inch crack around a door lets in as much air as a hole the size of a basketball. Weatherstrip and plug air leaks for savings and comfort year-round. About one-tenth of all air leaks passes through electric switch and outlet plates on uninsulated walls. Inexpensive foam insulators that fit behind the switch plates pay back fast.

Heating and cooling

Heating and cooling are your biggest energy users. To get the most out of your system, clean air filters regularly. Dust vents or baseboards, and do not block them with furniture or drapes. Every few years have a service professional check your system to increase

both savings and comfort.

Windows

Be window wise. Shade your windows from the summer sun. During winter days, let the sun shine in: then cover windows at night to keep the heat from escaping. Use close-fitting shades or mount drapes from floor to ceiling for best results.

Hidden power users

Don't forget to manage hidden electricity users. Well pumps, sump pumps, pool pumps, space heaters, waterbed heaters, furnace fans, dehumidifiers, self-cleaning ovens and hobby tools all use electricity. Keep them well maintained. Put a timer on your waterbed heater; keep the bed covered.

Lighting

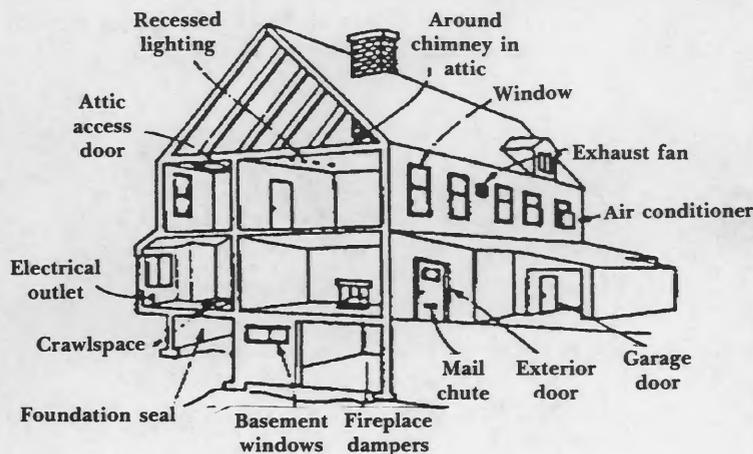
Enjoy quality lighting indoors and out by investing in efficient bulbs. Shop to get more "lumens"—or light output—per "watt." New quiet, color-corrected fluorescent lights can be three to 10 times cheaper over the long haul than standard bulbs, even considering the initial higher purchase price.

Showerhead

The one energy-saving device with the quickest payback for most families is the water-saving showerhead. Splurge \$8 to \$15 for a high-quality model that gives a good spray of 1.5 to 2 gallons per minute, and you may like it more than your old water-wasting showerhead.

Places to Look:

Hide and seek with air leaks



Many places can be easily overlooked in the search for heat loss. The diagram is a checklist of places for you to look.

On a chilly day, when there's a 20 degree difference between the outside and inside of your home, run your hand across the places shown. If you feel a rush of cold air, you've won the high-and-seek game with a leak. You can now caulk it, weatherstrip it, patch it or cover it with insulated drapes. Doing any of these will save you heat and money.

So play hide and seek with leaks—and save your heat.

Remember December?

December of 1989 that is: When temperatures reached all-time lows while LP gas and oil prices reached "way too highs" for the wallet.

Whether its unstable foreign politics or some other crisis—save yourself the worries of sudden price jumps.

Think System: GT[©]

If you are building a new home or remodeling your existing home, ask yourself about the geothermal advantages. Then ask Edgar Electric for the details.

Cooperative Facts . . .

Did you know . . .

- The first cooperative was organized in the U.S. by Benjamin Franklin in 1752? It was for the Insurance of Homes from Loss of Fire and it still continues today.
- About 30 percent of farmers' products in the U.S. are marketed through cooperatives?
- Rural electric cooperatives operate more than half of the electric distribution lines in the U.S. and provide electricity for 25 million people?
- A cooperative is open to anyone who can use its services and is willing to accept the responsibilities of membership?
- All profits are returned to members proportionately to their patronage?
- Cooperatives work together at the local, regional, national and international levels to further economic democracy?
- Nearly 60 million people are members of 40,000 various U.S. cooperatives? These cooperatives serve in a variety of ways: business services; child care; housing; insurance; legal and professional services; marketing of agricultural and other products; personal finance; utility or cable TV services; and health care.

Great family gift idea

Don't forget . . . now is a good time to purchase a satellite dish or a "RURAL TV" programming package for the upcoming holidays. If you are interested, don't delay—since weather conditions may postpone the installation of your unit.

If you would like further information about these programs and services that are available to you, please don't hesitate to call Tim or Angela at 1-800-635-4145 or (217)463-4145.

Remember, EEC Services is a subsidiary of Edgar Electric Cooperative Association.



Office closings

In observance of the following days:
December 24 and 25 for Christmas
December 31 and January 1 for New Year's Day

Operating statement — August 1990

Account Description	Last Year	Year-to-date	
		Current Year	Current Month
Operating Revenue & Patronage Capital	\$3,760,618.75CR	\$3,801,837.67CR	\$503,560.22CR
Cost of Purchased Power	2,482,060.15	2,571,352.00	357,272.00
Transmission Expense	4.92CR	1,642.02	-0-
Distribution Expense—Operation	117,356.34	119,187.51	15,144.57
Distribution Expense—Maintenance	238,166.81	246,710.72	36,260.47
Consumer Accounts Expense	120,272.56	141,524.98	19,202.69
Customer Service and Informational Expense	55,896.20	51,149.81	5,595.01
Administrative & General Expense	299,508.38	289,474.85	34,387.53
Operation & Maintenance Expense	3,313,255.52	3,421,041.89	467,862.32
Depreciation & Amortization Expense	145,699.30	155,564.76	19,764.41
Tax Expense—Property	32,170.00	35,579.00	4,513.00
Tax Expense—Other	34,680.43	38,032.15	4,312.81
Interest on Long-Term Debt	126,152.18	120,763.56	15,213.69
Interest Expense—Other	-0-	6,621.57	1,926.03
Other Deductions	4,775.76	4,775.76	596.97
Cost of Electric Service	9,656,733.19	3,732,378.69	514,189.28
Patronage Capital & Operating Margins	103,885.56CR	19,458.98CR	10,629.01CR
Nonoperating Margins—Interest	110,450.50CR	92,967.39CR	11,603.74CR
Nonoperating Margins—Other	2,492.76CR	1,950.43CR	300.35CR
Other Capital Credits and Patronage Dividends	-0-	62.54CR	-0-
Patronage Capital or Margins	216,828.82CR	114,439.34CR	1,275.08CR

Manager's report to the board — August 1990

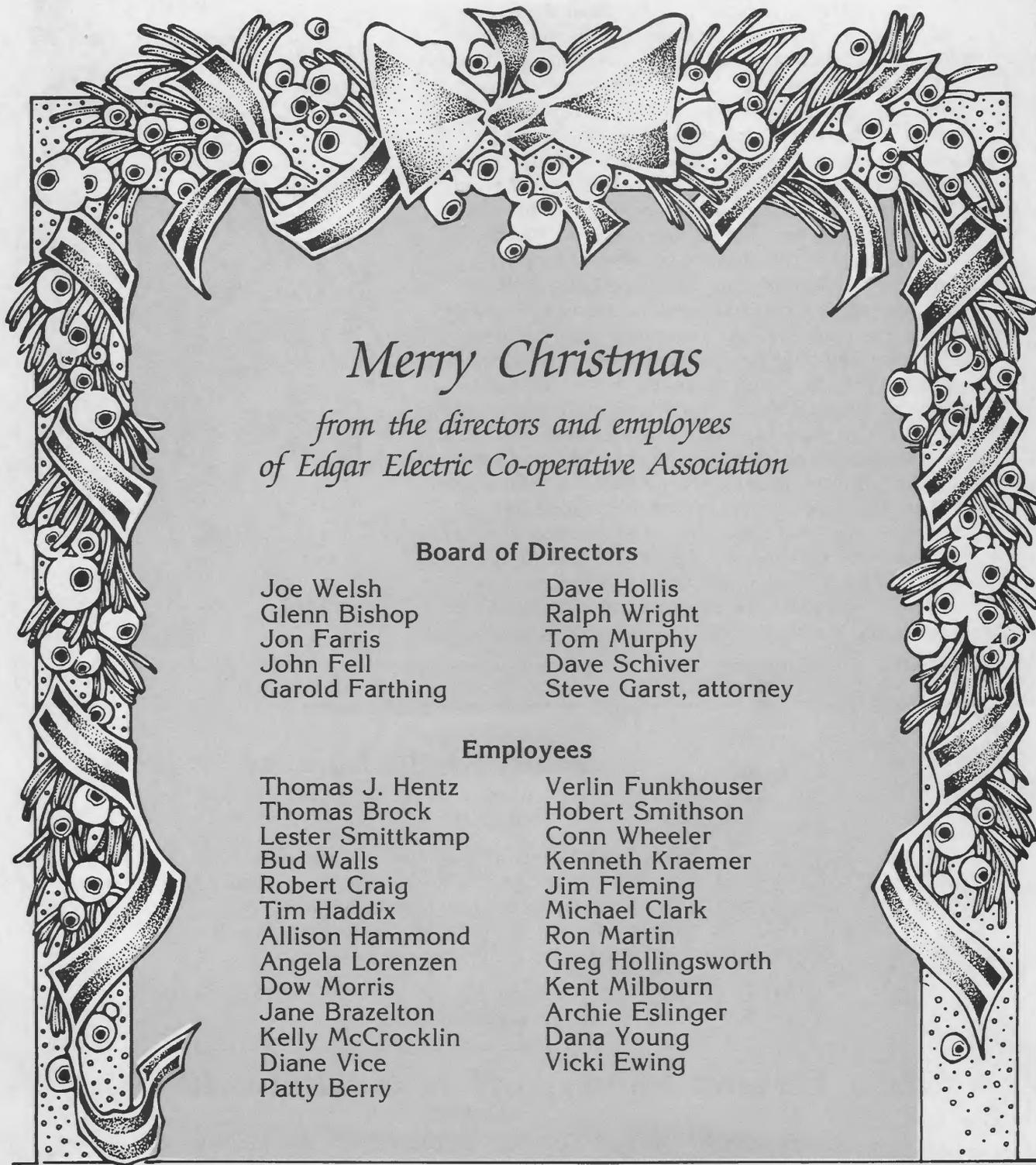
Statistics and Revenue Data	August 1989	July 1990	August 1990
Number Connected Consumers	4,908	4,910	4,925
Average kwh Used	981.6	834.1	932.3
Average Bill	\$103.43	\$90.58	\$101.36
No. kwh Purchased	5,333,692	4,440,152	5,170,030
No. kwh Sold and Used by			
Co-operative	4,817,718	4,095,258	4,591,430
Line Loss Percent	9.7%	7.8%	11.2%
Cost Per kwh Purchased	\$0.06742	\$0.06819	\$0.06910
Cost Per kwh Delivered	\$0.07464	\$0.07393	\$0.07781
Member Cost Per kwh	\$0.10652	\$0.11062	\$0.10993
Miles Energized	1,472	1,469	1,469
Revenue Per Mile	(\$358.30)	(\$315.39)	(\$350.89)
Total Expense Per Mile	\$338.08	\$318.00	\$350.03

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.

Current Hi-lights

published by Edgar Electric Co-operative
Paris, Illinois
Telephone 463-4145



Merry Christmas

*from the directors and employees
of Edgar Electric Co-operative Association*

Board of Directors

Joe Welsh	Dave Hollis
Glenn Bishop	Ralph Wright
Jon Farris	Tom Murphy
John Fell	Dave Schiver
Garold Farthing	Steve Garst, attorney

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Thomas Brock	Hobert Smithson
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Jane Brazelton	Archie Eslinger
Kelly McCrocklin	Dana Young
Diane Vice	Vicki Ewing
Patty Berry	

One Snowy Christmas Eve

'Twas the night before Christmas and out on the ranch
The pond was frozen over and so was the branch
The snow was piled up belly deep to a mule;
The kids were all home on vacation from school,
And happier young folks you never did see,
Just sprawled around a-watching TV.
Then suddenly some time around eight o'clock
The power went off, the TV went dead!
When Grandpa came in from out in the shed
With an armload of wood, the house was all dark.
"Just what I expect," they heard him remark.
"Them REA lines must be down from the snow.
Seems sorter like times on the ranch long ago."
"I'll hunt up some candles," said Mom. "With their light
And the fireplace I reckon we'll make out all right."
The teenagers all seemed enveloped in gloom,
Then Grandpa came back from a trip to his room,
Uncased his old fiddle and started to play
That old Christmas song about bells on a sleigh.
Mom started to sing, and the first thing they knew
Both Pop and the kids were all singing it too!
They sang Christmas carols, they sang "Holy Night,"
Their eyes all a-shining in the ruddy firelight.
They played some charades Mom recalled from her youth.
And Pop read a passage from God's Book of Truth.
They stayed up 'till midnight, and would you believe
Those youngsters agreed 'twas a fine Christmas Eve!
Grandpa arose early, sometime before dawn,
And when the kids awakened, the current was on.
"The REA sure got the line repaired quick,"
Said Grandpa — and no one suspected his trick;
Last night for the sake of some old-fashioned fun
He had pulled the main switch — the old son-of-a gun!

Reprinted from the Tennessee Magazine—author unknown



Have a safe holiday season

As you and your family celebrate during the holiday season, we encourage the following wise-energy use practices:

- Make sure your tree is placed away from fireplaces, candles, space heaters, electrical appliances and other heat sources that might dry it out, or ignite it.
- Turn off tree lights overnight or when you're away from home.
- Keep paper decorations and tinsel away from hot lights.

Above all, enjoy this festive time. And, greet the New Year with energy, health and happiness!

Edgar Electric holiday office closing schedule

Monday, December 24, and Tuesday, December 25, for Christmas

Monday, December 31, and Tuesday, January 1, for the New Year's

Leaving for the winter?

The time is drawing near when many Edgar Electric members leave for the winter months. Please contact the cooperative to make arrangements for your electric accounts when away from home for an extended period.

The first thing to do is to secure someone to read your meter. This person can turn in your meter reading along with his own statement. Please make sure your meter reader includes your account number with your reading. If no one is available, the cooperative will read the meter for a fee of \$5 per month. This fee will be added to your statement. Please contact the office in advance if you would like us to read your meter.

There are two ways to handle the payment of your electric statement. The first is to prepay a lump sum

on your account. Your statement will show a credit amount on each statement. You may pay on your account later as the credits deplete. Upon your return, any additional credits will be carried to your next statement.

The cooperative office can also forward your electric statement to your winter residence. Payments must be postmarked by the 10th of the month. This procedure allows plenty of time for payments to be returned to our office.

If you will be leaving during the winter months, contact the cooperative office. We will set up a monthly statement arrangement that best fits your needs. You may also inquire on how to prepare your home for an extended winter vacation.

It's not too early to mark your calendars!

Edgar Electric Co-operative Association 52nd Annual Member Meeting

**March 30, 1991
Crestwood School**

Additional information in future issues of Current Hi-Lites

When you're on the go . . . go with Motorola pagers from Edgar Electric

- * rent or buy
- * 30-mile radius of Paris
- * many area options available
- * easy to use, portable

Now **everyone** can reach you at a moment's notice be it friends, family, staff or clients . . . everyone!

"if you need me . . . beep me!"



Operating statement — September 1990

Account Description	Last Year	Year-to-date	
		Current Year	Current Month
Operating Revenue & Patronage Capital	\$4,250,532.32CR	\$4,311,324.64CR	\$509,486.97CR
Cost of Purchased Power	2,805,442.15	2,905,455.00	334,103.00
Transmission Expense	4.92CR	1,642.02	-0-
Distribution Expense—Operation	137,605.16	132,692.01	13,504.50
Distribution Expense—Maintenance	259,912.95	278,446.46	31,735.74
Consumer Accounts Expense	131,095.86	152,560.79	11,035.81
Customer Service and Informational Expense	63,351.92	53,926.87	2,777.06
Administrative & General Expense	335,898.11	331,762.44	42,392.59
Operation & Maintenance Expense	3,733,301.23	3,856,485.59	435,548.70
Depreciation & Amortization Expense	164,287.10	175,321.93	20,257.17
Tax Expense—Property	36,345.00	40,092.00	4,513.00
Tax Expense—Other	38,612.81	41,947.17	3,915.02
Interest on Long-Term Debt	141,486.68	135,977.25	15,213.69
Interest Expense—Other	-0-	8,547.60	1,926.03
Other Deductions	5,372.73	5,372.73	596.97
Cost of Electric Service	4,119,405.55	4,264,244.27	481,970.58
Patronage Capital & Operating Margins	131,126.77CR	47,080.37CR	27,516.39CR
Nonoperating Margins—Interest	123,572.68CR	103,944.23CR	10,976.84CR
Nonoperating Margins—Other	2,735.92CR	2,266.52CR	316.09CR
Other Capital Credits and Patronage Dividends	203.11	62.54CR	-0-
Patronage Capital or Margins	257,638.48CR	153,353.66CR	38,809.32CR

Manager's report to the board — September 1990

Statistics and Revenue Data	September 1989	August 1990	September 1990
Number Connected Consumers	4,908	4,925	4,915
Average kwh Used	913.4	932.3	939.3
Average Bill	\$98.57	\$101.36	\$102.48
No. kwh Purchased	4,973,978	5,170,030	4,834,803
No. kwh Sold and Used by Co-operative	4,482,776	4,591,430	4,616,553
Line Loss Percent	9.9%	11.2%	4.5%
Cost Per kwh Purchased	\$0.06501	\$0.06910	\$0.06910
Cost Per kwh Delivered	\$0.07214	\$0.07781	\$0.07237
Member Cost Per kwh	\$0.10946	\$0.10993	\$0.11064
Miles Energized	1,472	1,469	1,468
Revenue Per Mile	(\$341.90)	(\$350.89)	(\$354.75)
Total Expense Per Mile	\$314.32	\$350.03	\$328.32

Should your power go off

Check your circuit breakers or fuses. If possible, determine if your neighbors have electricity. Then call Edgar Electric at **463-4145**. Please have your account number and location available so we may restore your service quicker. Outside of Paris call toll-free: **1-800-635-4145**.