

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE 217-774-3986 SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Across the Manager's Desk

By Jim Coleman



STOP INFILTRATION AND SAVE MONEY

Winter is here, with its short days, cold weather and howling gales.

We've said here many times, that tightening up your house will save you money all year 'round. But a snug home seems to be more comfortable when the temperature's down in the single digits and the wind's seeking out the little nooks and crannies in the walls. No matter what the time of year, reducing air infiltration will save you money.

If your windows leak air around the edges of the window, inside the frame, you can minimize the infiltration by putting in a shrink-fit film on the inside. While it looks difficult, it really isn't.

You can buy kits at hardware and home-supply stores, and they usually include double-sided tape and enough film to do one or two windows. They come in different sizes, so you'll need to know how big your windows are. The kits are generic, so you may need to buy a larger film than you actually need and cut it to fit with scissors.

After you get the tape up and the plastic cut to size, you apply the film, carefully, and press it against the tape, which you've put around the window frame and peeled the backing off of, naturally! If it's not perfect, you're still okay. You can shrink it to fit with a hair dryer.

Some homes have problems with infiltration that require more effort. Weather-stripping may be your next step, and is the next simplest up the line of things to do. It involves the use of materials to seal cracks that are supposed to be there, but that aren't supposed to leak. This includes doors and windows, and weather-stripping should fill those gaps so the window or door can be opened and closed as needed, but air is kept out when it's closed.

There are all kinds of weather stripping mate-

rials on the market, and cost varies considerably. These materials also vary in ease of installation and the quality of the job they do. Look for them in the "insulation" or "weatherization" section of your local home improvement place, and look for good, understandable instructions on the package.

If you're at all unhandy, talk to someone in the store and have them clear up any misunderstandings you have about installing the stuff. They'll be glad to help you. Be sure to ask how long you can expect the different materials to last. Usually the ones that cost the most and/or are the most difficult to install tend to last longest.

Caulking is intended to seal cracks between different kinds of construction materials. These cracks are partly due to settling, and partly because different materials expand and contract differently as the temperature changes.

As a general rule, caulking should be applied wherever two different materials or parts of the house meet.

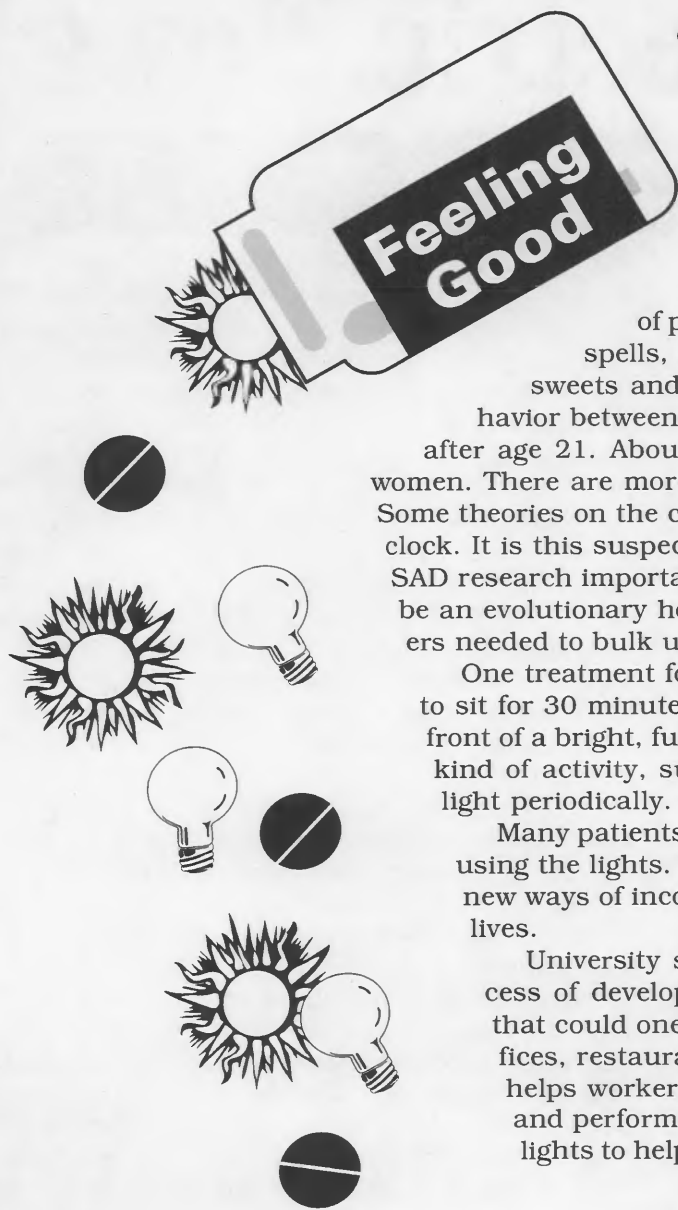
You can apply caulking with a few low-cost tools and a little practice. When you load your caulking gun, cut the tube open with a sharp knife at a 45-degree angle near the end of the tapered portion. The ability to lay a nice, uniform bead comes with a little practice. Be sure to scrape away the old materials and clean the surfaces, before you start.

Since it's as easy to apply a high-quality compound, it makes good sense to use the best caulk you can afford.

Oil or resin-based caulks are inexpensive, last from one to seven years, and adhere fairly well. They're the least expensive of the caulking materials. Latex, polyvinyl and butyl rubber are better. They adhere better and last two to 10 years, but they're somewhat more expensive. The silicone, polysulfides and polyurethanes are better yet, with excellent adhesion and a 20-year life expectancy. They're more expensive than the other types, too.

And while you're at it, look for other air leaks through openings where plumbing or electrical wiring go through walls, floors and ceilings.

While there are many things you can do, the most important thing is to get started on some infiltration prevention work soon.



Light cures the winter blues

When all the reds, yellows and oranges of fall come upon us, about 10 percent of the population get the blues. The moodiness and depression that set in with the first signs of winter now have a name seasonal affective disorder, or SAD. And one of the ways people are fighting this malady is by sitting in front of bright light.

SAD research, which has been going on for about a decade, indicates that millions of people may suffer from severe depression, crying spells, feelings of guilt and helplessness, cravings for sweets and junk food, listlessness, and even suicidal behavior between September and March. SAD usually shows up after age 21. About 85 percent of the documented cases involve women. There are more recorded cases in the North than the South. Some theories on the cause of SAD suggest a problem with the body's clock. It is this suspected relation to the body clock that could make SAD research important for everyone, even non-sufferers. SAD could be an evolutionary holdover from prehistoric days when cave dwellers needed to bulk up and slow down in order to survive winter.

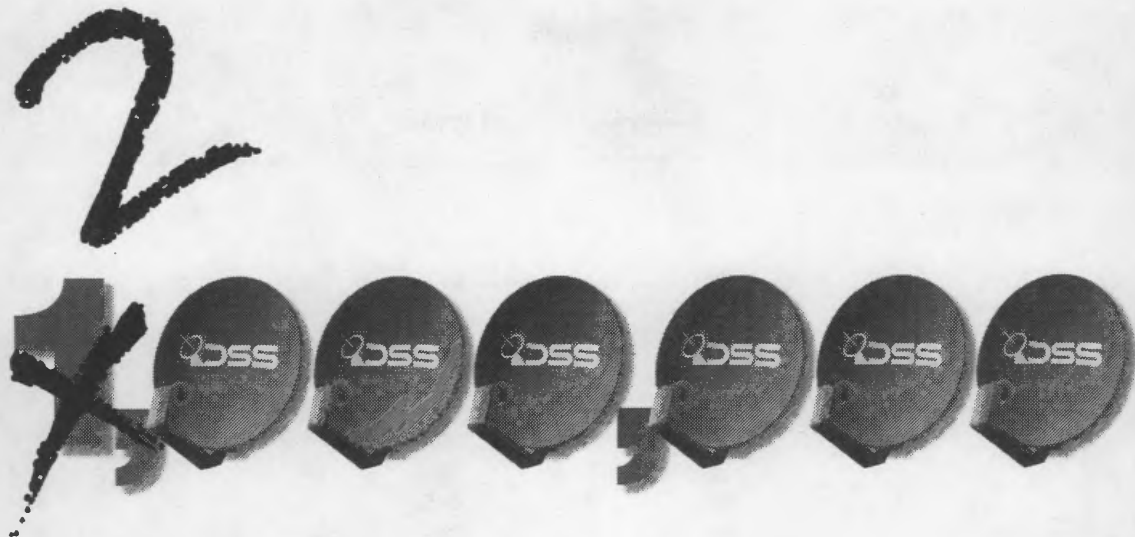
One treatment for SAD is light therapy. Patients are instructed to sit for 30 minutes to three hours every morning and evening in front of a bright, full-spectrum artificial light. They engage in some kind of activity, such as sewing or reading, and glance into the light periodically.

Many patients report a vast improvement in their moods after using the lights. That is prompting researchers to come up with new ways of incorporating the energizing power of light into our lives.

University scientists and private industry are in the process of developing architectural lighting and portable lamps that could one day make light therapy available in homes, offices, restaurants and hotel rooms. Some claim that therapy helps workers on the night shift sleep better during the day and perform better at night. Some who travel have used the lights to help reduce the sleepiness induced by jet lag. There is growing evidence that exposure to certain intensities of light at specific times of day and for particular durations can cure some kinds of insomnia and improve health.

Dr. Wayne London, a psychiatrist who researches the effects of artificial living conditions, contends there is evidence of a relationship between light and some cancers, premenstrual syndrome and sick days for school children. He cites circumstantial evidence that light may even affect Alzheimer's disease, alcoholism, multiple sclerosis and possibly even fertility.

One new light therapy light looks like an ordinary lamp but can be programmed by a microprocessor to reproduce the intensity of a mid-summer Hawaiian sunrise. That, researchers say, could provide a refreshing awakening for an apartment dweller in Manhattan in February. There are also glasses and hats designed to provide the necessary light to the eyes.



and counting.

Over two million highly satisfied subscribers already know why DIRECTV® is Satellite TV At Its Best. And why it's the fastest growing consumer electronics product in history. Because we give those two million households over 175 channels. Up to 55 pay-per-view movies a night. Plus revolutionary sports packages like NFL SUNDAY TICKET.™ All delivered through the 18" DSS® dish, now available from 11 of the biggest brand names in consumer electronics. It all adds up to more choice, control, convenience and reliability than cable or any other mini-dish system. And now, DIRECTV is at its best price ever. So call us today and join the crowd. You'll be in very good company. **CALL 1-800-677-2612**
DIRECTV IS AVAILABLE THROUGH AT&T AND AT SEARS, CIRCUIT CITY, RADIO SHACK, BEST BUY AND OVER 25,000 RETAILERS NATIONWIDE.



GET DIRECTV ONLY ON DSS SYSTEMS FROM THESE MANUFACTURERS

RCA

SONY

HUGHES
NETWORK SYSTEMS

HITACHI

TOSHIBA

PROSCAN

Panasonic



UNIDEN

MAGNAVOX

MEMOREX

DIRECTV, INC. IS A UNIT OF HUGHES ELECTRONICS CORPORATION (NYSE: GMH)

Visit us on the World Wide Web at <http://www.directv.com> Blackout restrictions apply. To receive sports programming and to order by remote, you must have a continuous landline phone connection to DSS receiver and a DIRECTV subscription. Pay-per-view movie channels are for private viewing only and require a DIRECTV subscription. A \$2.00 order assistance fee is applied to phone-in orders. Hardware and programming sold separately. NFL SUNDAY TICKET is a registered trademark of NFL Enterprises, L.P. ©1996 DIRECTV, Inc. DIRECTV, DSS and "DIRECTV. Satellite TV At Its Best." are official trademarks of DIRECTV, Inc., a unit of Hughes Electronics Corporation.



Choose the package that's
right for you.

CHANNELS	Total Choice PLATINUM \$44.95/Month	Total Choice GOLD \$39.95/Month	Total Choice SILVER \$34.95/Month	Total Choice \$29.95/Month	Select Choice \$19.95/Month	Economy Choice \$16.95/Month
A&E	☐	☐	☐	☐	☐	☐
American Movie Classics	☐	☐	☐	☐		
Black Entertainment Television	☐	☐	☐	☐	☐	
Bloomberg Information TV	☐	☐	☐	☐	☐	
Bravo	☐	☐	☐	☐		
Cartoon Network	☐	☐	☐	☐	☐	☐
CNBC	☐	☐	☐	☐	☐	☐
CNN	☐	☐	☐	☐	☐	☐
CNN International/CNNfn	☐	☐	☐	☐		☐
Country Music Television	☐	☐	☐	☐	☐	☐
Court TV	☐	☐	☐	☐	☐	
C-SPAN	☐	☐	☐	☐	☐	
C-SPAN 2	☐	☐	☐	☐	☐	
Direct Ticket Pay-Per-View access <small>(Up to 60 channels of movies and special events)</small>	☐	☐	☐	☐	☐	☐
The Discovery Channel	☐	☐	☐	☐	☐	☐
The Disney Channel	☐	☐	☐	☐		☐
The Disney Channel - extra feed	☐	☐	☐	☐		
E! Entertainment Television	☐	☐	☐	☐	☐	
ENCORE: '60's, '70's, and '80's	☐	☐	☐	☐		
ENCORE2: Love Stories	☐	☐	☐	☐		
ENCORE3: Westerns	☐	☐	☐	☐		
ENCORE4: Mystery	☐	☐	☐	☐		
ENCORE5: Action	☐	☐	☐	☐		
ENCORE6: True Stories and Drama	☐	☐	☐	☐		
ENCORE7: WAM!	☐	☐	☐	☐		
ESPN	☐	☐	☐	☐	☐	☐
ESPN2	☐	☐	☐	☐	☐	☐
The Family Channel	☐	☐	☐	☐	☐	☐
Fox News Channel	☐	☐	☐	☐		
Headline News	☐	☐	☐	☐	☐	☐
The History Channel	☐	☐	☐	☐	☐	
Home & Garden Television	☐	☐	☐	☐	☐	
Home Shopping Network	☐	☐	☐	☐	☐	☐
The Learning Channel	☐	☐	☐	☐	☐	
MSNBC	☐	☐	☐	☐	☐	
MuchMusic	☐	☐	☐	☐	☐	
Music Choice <small>(31 channels of digital audio)</small>	☐	☐	☐	☐		
Music Choice <small>(5 channel sampler)</small>					☐	
The Nashville Network	☐	☐	☐	☐	☐	☐
NewsWorld International	☐	☐	☐	☐		
Sci-Fi Channel	☐	☐	☐	☐	☐	
Superstation TBS	☐	☐	☐	☐	☐	☐
TNT	☐	☐	☐	☐	☐	☐
TRIO	☐	☐	☐	☐		
Turner Classic Movies	☐	☐	☐	☐		☐
USA Network	☐	☐	☐	☐	☐	☐
The Weather Channel	☐	☐	☐	☐	☐	☐
Local regional sports network	☐	☐	☐	☐		
Sports Choice*	☐	☐				
Two STARZ! premium movie channels	☐		☐			
The Independent Film Channel	☐		☐			

*Sports Choice includes exciting sports action from over 18 regional sports networks, including SPORTSCHANNEL and FOX SPORTS NET, plus The Golf Channel, NewsSport Network, Classic Sports Network, Speedvision, and Outdoor Life.

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE 217-774-3986 SHELBYVILLE, ILLINOIS
Your Total Energy Supplier



Lynn Glick, metering lineman, demonstrates the new portable safety display.

Shelby offers safety demo

In keeping with Shelby Electric's safety and education policies, your cooperative recently purchased a portable safety demonstration kit.

As we provide power to your homes and farms, we want to demonstrate some of the many dangers involved with using electricity — and help teach how to avoid electric accidents. Our program is realistic and uses real electricity and neon "people"—Neon Leon and Lightnin' Liz— to help both students and adults become

more aware of the importance of electrical safety.

A trained lineman always accompanies the kit and puts on the demonstration. We can conduct our program in classrooms, at your meeting place, or here at Cooperative headquarters. If you are interested in a safety program for your club, 4-H club, classroom, or organization, please call Suzanne Tate at the office, (800) 677-2612, and she will schedule an appointment for you.

Safety with electrical outlets

We all know that electricity is wonderful stuff. Good things happen when we flip a switch. Lights beat back the darkness, warmth replaces the cold, dishes and clothes get washed and dried, TV sets come on, and water flows in and out of our house in an orderly fashion.

But there's a dark side to electricity, too. It's a lot like controlled lightning, and when it gets out of control, it can add a whole new meaning to the phrase, "Reach out and zap someone."

What follows is a description of a few gadgets that will help you keep the "electric genie" in the bottle until you need it. Installing one or more of them will make your home at least a little safer, and maybe a lot safer.

The first gadget costs very little, and you can install it yourself in minutes. It's designed primarily to protect those toddlers who seem determined to plumb the depths of all electrical outlets, using a bobby pin or paper clip. There are plastic outlet covers that simply plug into an unused receptacle. They're easy to remove when you need to plug in an appliance. Look for them in the electrical section of your department store or in a building supply place. A package of a dozen will set you back less than two dollars. Put one in each outlet a toddler is even remotely capable of reaching.

After those little gadgets, things get a bit more expensive, but the simplicity is, for the most part, still there. There are several different kinds of ground fault circuit interrupters (GFCIs), and they're real miracle workers. Essentially, they sense a problem in a circuit and shut it off before enough current gets through to cause injury. While it definitely isn't something you'd want to try at home, a demonstrator of the devices has plugged in a hair dryer and plunged it into a sink. Before GFCIs, such dunkings were almost always fatal.

Again, GFCIs are not intended to enable you to do dangerous things. They're intended to provide a big margin of safety when you accidentally do something hazardous. Incidentally, building codes today require the installa-



tion of GFCI-protected circuits in kitchens, bathrooms and in outdoor receptacles. The ones we're discussing are useful in homes built without them. There are several different kinds, and you'd be wise to check out the possibility of using one outdoors or anyplace where water and electricity are likely to mix, such as in kitchens and bathrooms. You can

buy a portable GFCI, which plugs into an outlet, and into which you then plug lights or appliances. They're simple to use and inexpensive. Once they "trip," and save your bacon, you need to correct the problem, then press the little "reset" button they have, and you're ready to be protected again.

Another GFCI is built into the end of an extension cord, and is useful when using power tools and the like. They're especially handy when you're working outside. Yet another kind of GFCI is built into the receptacles in the walls, and would be a wise addition to any home. They can be wired to protect just one outlet, or an outlet and all the ones further down the circuit. Be sure to have them installed by a qualified electrician.

A circuit breaker GFCI can be installed in your breaker box, and will protect all the outlets on that circuit. Again, you'd be wise to have an electrician do the installation. Outlets in newer homes should be protected, but homes built before the code change are likely to have no protection at all. Be sure to check out one of the above forms of GFCIs. The portable ones should be cheapest and easiest to use, but less convenient in the long run. Whatever you do, try to get some protection on your kitchen and bathroom as soon as possible!



Satellite TV at its best

The best gets even better this month on DIRECTV®

January 1997

Make a resolution to watch better TV

DIRECTV has something for everyone

You did it again didn't you? You made another one of those New Year's resolutions. Well, thanks to DIRECTV, maybe this is the year your intentions hold true. No matter what your goals for 1997 are, DIRECTV has the channel for you.

Maybe you've decided to get back in shape. ESPN (ch. 206), ESPN2 (208), and our entire lineup of regional sports networks (303-332) all feature daily exercise programs that can help you tone up in no time at all. You can even work out on your own to the great CD-quality music channels of Music Choice like Hit List (501), Dance (502) or Today's Country (518).

Or maybe finding a new hobby is your goal for 1997. If so, you'll be amazed at the gardening and household

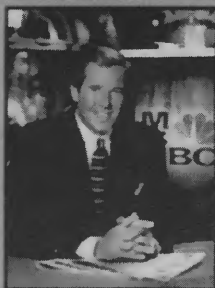
tips offered by Home & Garden TV (214). You can shave strokes off your score with the in-depth instructions of The Golf Channel (304). Or maybe you can begin to learn more about the world around you with the educational programs of Discovery Channel (225) and Outdoor Life (307).

Even if your resolution for 1997 is to spend more time at home with your family, there's nothing like the quality and variety of DIRECTV to bring everyone together. Try one of the 55 different hit movies available every night on Direct Ticket or maybe a classic family favorite on The Disney Channel (223 and 224), Cartoon Network (227) or The Family Channel (232). Whatever your resolution is, we wish you the best of luck! And a Happy View Year!



Channel Chooser

It's time to get connected with MSNBC!



Emmy Award-winner Brian Williams hosts "The News", Mon.-Fri., 9-10 PM ET.

hosted by NBC News chief White House correspondent and Emmy Award-winning journalist Brian Williams. Viewers can participate in the program with live phone call-ins and e-mail comments over the World Wide Web.

If your programming package does not include MSNBC, call us today for other package options.

The long-awaited marriage of the home computer and television has finally taken place with MSNBC (ch. 247), the world's first 24-hour news and information cable network and Internet service. Created by Microsoft and NBC, MSNBC takes the experience of veteran NBC news anchors such as Tom Brokaw, Bryant Gumbel and Bob Costas and the interactive abilities of its own Web site, www.msnbc.com, to let viewers interact with, not just watch, the news.

Highlighting MSNBC's menu of programming is "The News with Brian Williams," a nightly, hour-long news presentation and discussion

This newsletter, for DIRECTV subscribers only, is brought to you by:

**Shelby Electric
Cooperative
P.O. Box 560
Shelbyville, IL 62565
1-800-677-2612 or
774-3986**



ISN'T PROGRESS WONDERFUL?



▲
Early, crude communication. Information often blurred and incomprehensible.
▼



▲
More efficient, but required large, temperamental equipment. Very inconvenient.
▼



▲
New, wire-based technology. Not available to everyone at first. Messages still riddled with static.
▼



▲
The world at your fingertips. Convenient, instant, state-of-the-art, crystal clear.
▼



THE CHOICE IS CLEAR.

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier



Big news for big dish owners!

Rural TV from Kascom, Inc.

P. O. Box 166, Shelbyville, Illinois 62565

Phone: (800) 677-1212 (7 a.m.-4 p.m.) or (800) 333-9711 after 4 p.m.

Shelby Electric's BIG DISH customers recently received a letter with package changes for 1997. Some exciting new channels have been added to packages and a la carte services. If you are the owner of a C-Band BIG DISH, check over the programming menu on the following page, and give Suzanne Tate a call if you have any questions.

BIG DISH PROGRAMMING

If you have a big dish we offer the following package:

Economy Package—23 channels—\$10

CMT	CNN
LEARNING CHANNEL	CNN-FN
MTV	CNN-INTL
NICKELODEON	DISCOVERY
SCI-FI	E!
TNN	ESPN
TV LAND	ESPN-2
USA	FAMILY CH
VH-1	KTLA
WGN	HEADLINE NEWS
WTBS	HOME & GARDEN
WPIX	

Basic—33 Channels—\$13.50

AMC	HOME & GARDEN
ARTS & ENT	KTLA
ANIMAL PLANET	LEARNING CH
CARTOON NTWK	LIFETIME
CMTMSNBCCNBC	MTV
CNN	NICKELODEON
CNN-FN	ROMANCE CLASSICS
CNN-INTL	TNN
DISCOVERY	TV LAND
E!	USA
ESPN	VH-1
ESPN-2	WEATHER CH
FAMILY CH	WGN
HEADLINE NEWS	WPIX
HISTORY CH	WSBK
WTBS	

Star Pack—33 Channels—\$16

ARTS & ENT	MTV
ANIMAL PLANET	NICKELODEON
CARTOON NTWK	PRIMETIME E or W
CMT	SCI-FI
CNBC	TURNER CLASSICS
CNN	TNN
CNN-FN	TNT
CNN-INTL	TV LAND
DISCOVERY	USA
E!	VH-1
ESPN	WEATHER CH
ESPN-2	WGN
FAMILY CH	WPIX
HEADLINE NEWS	WSBK
HISTORY	WTBS
KTLA	LEARNING CHANNEL
MSNBC	

Power Plus-Prime Time Combo—40 Channels—\$22

AMC	FAMILY CH	TCM
ARTS & ENT	FxM	TNN
ANIMAL PLANET	HEADLINE NWS	TNT
BRAVO	HISTORY CH	TV LAND
CARTOON NTWK	KTLA	USA
CMT	LEARNING CH	VH-1
CNBC	LIFETIME	WEATHER
CNN	MTV	WGN
CNN-FN	MSNBC	WPIX
CNN-1	NICK	WSBK
DISCOVERY	PR TM-E & W	WTBS
E!	ROMANCE CL	ESPN-2
ESPN	SCI-FI	

Power Plus—Denver 5—42 Channels—\$22

AMC	FAMILY CH	TURNER CL
ARTS & ENT	FxM	VH-1
ANIMAL PLANET	HEADLINE NEWS	TNN
TV LAND	BRAVO	WEATHER
HISTORY CH	TV LAND	CNBC
CARTOON NTWK	KTLA	WSBK
CMT	LEARNING CH	WTBS
WGN	LIFETIME	WPIX
CNN	MSNBC	TNT
CNN-FN	MTV	ESPN-2
CNN-1	NICK	ESPN
DENVER 5	ROMANCE CL	E!
DISCOVERY	SCI-FI	

Top Choice—42 Channels + 1 premium—\$28.50

AMC	FxM	TV LAND
ANIMAL PLANET	HEADLINE NEWS	VH-1
ARTS & ENT	HISTORY CH	WEATHER
BRAVO	KDVR	WGN
CARTOON NTWK	KTLA	WPIX
CMT	LEARNING CH	WSBK
CNBC	LIFETIME	WTBS
CNN	MSNBC	USA
CNN-FN	MTV	FAMILY CH
CNN-1	NICKELODEON	TNT
COMEDY CENTRAL	PR TM-E OR W	ESPN-2
DISC	ROMANCE CL	TNN
E!	SCI-FI	
ESPN	TURNER CL	

a la Carte Services

Arts & Ent. -----	\$0.75	Prime Network -----	1.00
Amer. Movie Classics ---	\$0.85	*Prime Network Combo ---	\$5.00
BRAVO -----	\$0.75	Prime Time—East -----	\$5.00
Cartoon NTWK -----	\$0.75	*Prime Time—West -----	\$5.00
Country Music TV -----	\$0.65	Romance Channel -----	\$0.50
CNBC -----	\$1.00	SCI-FI Channel -----	\$0.75
Comedy Central -----	\$0.70	*STARZ! Package -----	\$9.00
*Denver 5 -----	\$5.95	Turner Classic Movies ---	\$1.25
Fox Net -----	\$0.90	TNT -----	\$2.00
FxM -----	\$0.90	Travel Channel -----	\$0.50
Game Show Network ---	\$1.00	Weather Channel (basic) -	\$0.75
Golf Channel -----	\$6.00	WPIX -----	\$0.60
Gospel Music Channel --	\$2.50	WPIX/WGN -----	\$1.50
History Channel -----	\$0.75	WTBS -----	\$1.25
Home & Garden -----	\$0.75	Animal Planet/WSBK ----	\$2.00
KDVR—(Fox-Denver) ---	\$0.90	Playboy -----	\$9.00
KTLA -----	\$0.90	MSNBC -----	\$0.85
Lifetime -----	\$0.75		

*Denver 5 = KMGH (ABC), KCNC (CBS), KWGN (IND), KUSA (NBC), KRMA (PBS)
 *PT East = WJLA (ABC), WRAL (CBS), WNBC (NBC)
 *PT West = KOMO (ABC), KPIX (CBS), KNBC (NBC)
 *STARZ! = STARZ!, STARZ! West, STARZ! 2, Encore, And Western Movie Channel (Encore 3)

Sports Packages

Sports Channel Package—8 Regional Channels plus 1 National Network \$12.50
Satellite Sports Network—11 Regional Channels plus 1 National Network \$12.50

PREMIUM SERVICES AVAILABLE

HBO. . . . Cinemax. . . . Showtime. . .	One Premium	\$7.95	Four Premiums	\$25.95
MOVIE Channel. . . Disney Channel . . .	Two Premiums	\$12.95	Five Premiums	\$31.95
	Three Premiums	\$19.95		

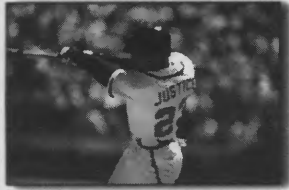
If you require a rehit after 4 p.m. on weekdays, or on weekends and holidays, please call our after-hours service: (800) 333-9711.

Sports Update

Satellite TV at its best

March 1997

Major League savings on *Extra Innings*



With Opening Day less than one month away, time's running out on your chance to sign up for the over 1,000 regular season games of MLB Extra Innings at our special, early-bird price of \$119.

Spring training winds down this month as the Big Leaguers head north to begin the regular season. This year is shaping up for excitement, with big stars in new places, new stars in old places, and tons of stars in familiar places. Watch as Frank Thomas, newcomer Albert Belle and the rest of the Chicago White Sox try to dethrone Derek Jeter, Bernie Williams and the World Champion New York Yankees in the AL while the unbeatable pitching rotation of John Smoltz, Greg Maddux and Tom Glavine aim to keep the Atlanta Braves ahead of Mike Piazza, Rookie of the Year Todd Hollandsworth and the Los Angeles Dodgers in the NL.

From Opening Day, through the All-Star Break and all the way down to the Pennant Race, you can count on DIRECTV and MLB Extra Innings to deliver non-stop Major League excitement. Call us today for full details on MLB Extra Innings and the other baseball coverage available on DIRECTV.

Blackout restrictions apply. Phone connection required.

This Month on *Direct Ticket*

Choose from 55 different movies available every night on DIRECTV for only \$2.99 each! Here are just three of the new movies premiering this month:

Independence Day

Starring Will Smith and Jeff Goldblum



1996's biggest hit makes its television debut this month on DIRECTV as Will Smith ("Fresh Prince of Bel Air") and Jeff Goldblum ("Jurassic Park") lead a group of American freedom fighters trying to stop an Alien invasion from taking over Earth. Bill Pullman and Randy Quaid co-star.

Jack

Starring Robin Williams

Kingpin

Starring Bill Murray and Woody Harrelson

March Madness on DIRECTV

All roads lead to Indianapolis this month as college basketball brings on the 1996-97 NCAA Men's Basketball Championship Tournament, better known as "March Madness!"

Sixty-four teams from across the country will travel down the road to the Final Four, taking place this year at the RCA Dome in Indianapolis. The national semifinal games will air on Sat., March 29, with all the action culminating in the National Championship game on Mon., March 31.

You can follow all the excitement of March Madness with live coverage on CBS affiliates (ch. 282, 283) available on DIRECTV. As an added bonus, check out the conference championship games which determine who makes it to "The Big Dance" during the first week of the month. Conferences like the Big East, ACC, SEC, Big 12 and Conference USA will all come down to the wire on ESPN (206), ESPN2 (208) and CBS. And, don't forget to tune in to the Tournament Selection specials airing on Sun., March 9 on ESPN, CNN (202) and CBS to find out where your favorite teams will be playing and who they'll have to beat to make it to Indy.

Call us for full NCAA tournament details, team pairings and CBS network affiliate restrictions.



Blackout restrictions apply.

Technical Tips

Why do I need to have my DSS hooked up to my phone line?

It is important to keep your DSS receiver continually connected to your telephone line for several reasons. Your DSS unit is pre-programmed to process all pay-per-view transactions directly through your remote control, but only if your DSS unit is connected to a phone line. In addition, a phone line connection is required to receive DIRECTV sports programming. Your telephone service is never charged for these phone transactions. But if your system is not connected to a phone line and you must call in to place your pay-per-view orders, you will be billed an additional \$2 service charge — another good reason to keep your phone line connected to your DSS.



Satellite TV at its best

The best gets even better this month on DIRECTV®

March 1997

And the winner is...you!

DIRECTV takes you behind the scenes of this month's Oscars

Comedian Billy Crystal hosts the 69th Annual Academy Awards, live from the Los Angeles Shrine Auditorium, Mon., March 24 at 9:00 pm EST. Not only will you be able to watch all the drama of the awards show live on the ABC affiliates (ch. 287, 288) available on DIRECTV, but all this month DIRECTV viewers will be offered a special behind-the-scenes look at Hollywood's most prestigious night.

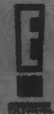
All month, the many movie channels available on DIRECTV will roll out the red carpet for some of the biggest Oscar winners of all time. Channels like American Movie Classics (219) and Turner Classic Movies (220) will show non-stop Oscar blocks, groups of movies with a special place in everyone's heart. The seven-channel Encore Multiplex (271-277) will also showcase tons of previous winners. STARZI (269, 270) and Independent Film Channel (266) will both



feature recent hit movies that should vie for many of this year's honors.

But for the most nominees, turn to Direct Ticket, where you'll find more of this year's biggest movies than anywhere else. Direct Ticket shows movies months before any premium channel, and the biggest hits are always about a dollar cheaper than most video rental stores. This month, the summer blockbuster "Independence Day," a clear favorite for the special effects Oscars, premieres exclusively on Direct Ticket (see story, back).

On March 24, you can take in all the excitement of Oscar night with pre- and post-event coverage on CNN (202) and E! Entertainment Television (215). But the only way to know who will win is to watch. And the only way to get behind the scenes is with DIRECTV. Call us today for category nominee information and ABC network affiliate restrictions.



Channel Chooser

Go behind the scenes at the Oscars with E!



E! brings you pre- and post-show coverage of the Oscars, hosted by Billy Crystal.

The biggest event in Hollywood is the Academy Awards and nobody can take you behind the scenes of entertainment's big night like DIRECTV and E! Entertainment Television (ch. 215).

E!'s Oscar coverage kicks off with "Invitation to the Academy Awards", an hour-long look at this year's nominees in all the top categories. Your "Invitation" arrives Sunday, March 9.

On Oscar night, tune to E! for television's most comprehensive coverage of all the evening's pre- and post-show activities. E! will cover the red-carpet arrivals of Hollywood's biggest stars two hours before the Awards. And when all the envelopes have been opened, E! will bring you live backstage coverage of victory speeches and Hollywood's most exclusive parties.

If your programming package does not include E!, call us today for other package options.

This newsletter, for DIRECTV subscribers only, is brought to you by:

Shelby Electric Coop.

PO Box 560
Shelbyville, IL 62565

(217) 774-3986
(800) 677-2612



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

29

Shelby Electric Cooperative Scholarship program guidelines and criteria

- Two \$1,000 cash scholarships will be awarded each year.
 - Both will be awarded to a son or daughter of a Shelby Electric Cooperative member.
 - The Applicant must be a high school senior attending one of the following high schools in the cooperative service area:

Cowden-Herrick, Edinburg, Findlay, First Baptist Christian Academy, Meridian High School, Morrisonville, Central A&M, Neoga, Nokomis, Pana, Shelbyville, Stewardson-Strasburg, Tower Hill, Taylorville, Windsor or Witt.
 - Scholarships may be used for educational costs at any two-year or four year accredited college or university in Illinois, including vocational/technical schools.
 - Scholarship winners must begin undergraduate studies within a year of being notified that they have won.
 - Scholarship winners will be expected to be "full time" students (at least 12 hours).
 - Scholarships are for one year and are not renewable.
 - Scholarships will be awarded on information contained in this application, and will be judged on a totally anonymous basis. Name and location information will be blocked out for judging.
 - Scholarship is awarded by Shelby Electric Cooperative and is not to be confused with a like scholarship sponsored by the electric cooperatives of Illinois.
 - Deadline for receipt of completed applications and submissions is April 15, 1997.
 - **Scholarship winners will be notified on or about May 1, 1997.**
- If you have any questions about the scholarship or application, please contact the Shelby Electric Cooperative offices, North Route 128, Shelbyville, or call (800) 677-2612.





Shelby Electric Cooperative Scholarship Application



Name _____

Address _____

Telephone Number () _____

Date of birth _____ Social Security Number _____

Name of parent or guardian _____

Shelby Electric Cooperative member name _____

High school attended _____

H.S. grade point average (100 point scale) _____

Most recent S.A.T. and/or A.C.T. score _____

Work and volunteer experience (List positions held, time period, volunteer or paid) _____

Participation in school and community activities—use additional sheet if needed

Organization or activity	No. of years	Office held
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Don't let your guard down



This time of year, details weigh on your mind . . . money, weather, factors vital to your livelihood. The most important concern, though, is safety. Tragedy can occur in that flash of an instant when you let your guard down—taking a short cut, overlooking basic safety rules. To ensure future harvests, always work the safe way.

- ☞ Watch out for overhead power lines.
- ☞ Wear appropriate protective equipment.
- ☞ Make sure helpers are familiar with equipment they are using.
- ☞ Shut off power before fixing or unclogging machines.
- ☞ Keep extended machinery away from power pole guy wires.
- ☞ Keep shields in place.

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Across the Manager's Desk

By Jim Coleman



Don't fight that gas mower— get a cordless electric one!

With spring in the air--finally--it may be time to turn your thoughts to dragging out the lawn mower and getting it ready for the cutting season. And consider this: If you had trouble starting that old mower last year, you'll probably have even more trouble this time around! And if you want to get it into the shop before everyone else takes theirs in, now's a good time to do that.

If your mower's old enough that you dread having to try starting it again, it just might be the time to junk that old dog and buy a shiny new cordless electric mower. They're relatively inexpensive, require little maintenance, are easy to use and don't cost a lot to operate.

Cordless electric mowers, while fairly unusual, have a lot going for them. They're easy to start, quieter and cost less to operate than their fossil-fueled counterparts, and they pollute far less.

The U.S. Environmental Protection Agency (EPA) conducted a nationwide study recently to check out the tailpipe emissions of gas mowers. The results were amazing. The agency determined that the typical gas mower emits eight times more nitrous oxides than the electrics, and 3,300 times more hydrocarbons. They also emit 5,000 times as much carbon monoxide and more than twice the carbon dioxide per hour than electrics. Of course, these figures take into account the emissions of the power plants generating the electricity to run the cordless mowers.

But there's more. The study did not even consider emissions resulting from gasoline spills during refueling, which the EPA estimates may amount to 17 million gallons a year. That's more than the Exxon Valdez spilled when it ran aground.

And it didn't consider emissions from leaky gaskets and other engine parts, emissions that are released after a hot engine is turned off, and the hydrocarbons continuously emitted by gas tanks through evaporation. The California Air Resources Board estimates that these four types of emissions combined may actually be more polluting than the mowers' tailpipe emissions.

Just a few years ago, there were only two manufacturers of cordless mowers, Ryobi and Black & Decker. Now there are several, and it looks as though there will be more. MTD Corporation and Husqvarna have weighed in with their entries, and so has Briggs & Stratton—the world's largest producer of air-cooled gasoline engines! Most cordless electric mowers come with one lead-acid battery, which can easily be recharged by plugging into a 120-volt outlet. The Briggs & Stratton model, however, has two. One can be used while the other's recharging. They are portable and easily lifted out for exchange.

As is its custom, Briggs & Stratton plans to supply "custom" versions to mower manufacturers who will market them under their own labels. So while you'll be able to find plenty of mowers with Briggs & Stratton powertrains, don't bother to look for a mower under that company's brand.

A recent survey of cordless mower users indicated that most were quite satisfied with their cordless mowers, citing light weight, ease of use and quietness as important factors in their satisfaction.

But they offered suggestions for improvement, too. Some recommended bigger batteries, because their mower wouldn't cut their entire lawn at one go. Others wanted more power because cordless mowers have trouble in tall, tough grass. Even so, most felt that the manufacturers were on the right track, and that cordless mowers will be an even bigger part of the lawn mowing scene of the future. And they're almost certain to be. Some smog-bound municipalities are urging residents to go back to the old reel-type mowers, and many are considering passing laws to prohibit gas mowers.

While it's difficult and often counterproductive to try to predict the future, it's pretty safe to bet that there's a cordless electric lawn mower in your future!

Twenty dollars for a light bulb! Are you crazy?

By Richard L. Hepburn

Why would you pay \$20 for a light bulb? To save \$50 to \$100 on your electric bill.

This is how much you can save when you replace an incandescent bulb with a compact fluorescent one. Fluorescents use far less electricity that incandescents do. You can replace a 100-watt incandescent with a 20-watt fluorescent—and still have the same amount and quality of light.

In the last few years, compact screw-in fluorescent bulbs—just the right size for lamps, ceiling fixtures and recessed lighting—have been introduced for use throughout the home. They are much more technologically advanced than the flickering, humming fluorescent tubes you may be familiar with.

One of the best features of these new fluorescents is that they last about 10,000 hours (10 to 13 times longer than an incandescent). This works out to over a year of continuous use. Under normal circumstances, a typical fluorescent bulb will last you several years. During this time, you won't need to buy new bulbs and you'll spend less time changing bulbs in hard-to-reach places.

Since the up-front expense is high, replace bulbs that get the most use first—kitchen, hallways, stairwells, porch—to realize your savings quicker.

Incandescents turn as little as 6 percent of the energy they use into light; the rest goes to heat. If you are concerned about high cooling bills, this is an added incentive to switch.

Tips on buying

- Before you buy any fluorescent bulb for the first time, request a sales person to light it for you. Some brands may appear too yellow or too dim.
- The least expensive bulb may not be your best choice in the long run. Compare life ratings with the cost. If the manufacturer does not offer a warranty, ask your retailer for one.
- A regular light fixture needs a ballast before it will hold the compact fluorescent bulb. A ballast converts the house power to the form needed for the fluorescent. It also regulates the voltage and current. Some bulbs come with a built-in ballast. Consider buying a ballast that allows you to replace just the bulb, since it should last as long as four to five bulbs.
- Electronic ballasts are better than core and coil, or magnetic ballasts. They weigh less, start the light instantly, run silently, operate cooler and are flicker-free.
- Some compact fluorescents are longer than regular bulbs. To ensure a proper fit, measure your light fixture and seek brands that match

incandescents in size.

- Some fluorescents are not designed for enclosed fixtures.

Other considerations

- Full light output may be delayed one to two minutes for some bulbs as they warm up. This is an intentional design feature that helps extend the life of the bulb.
- Compact fluorescent bulbs do not work with dimmer switches but many work with timers.
- Outdoor lights may not last as long as those used indoors. Check the label to determine outdoor life and/or cold weather usage.
- Consider using the full-spectrum fluorescents in rooms where you spend a lot of time. This type bulb is considered healthier, since the light it produces contains all the colors of sunlight. Manufacturers say this type of light reduces eyestrain and fatigue.

Since purchasing a number of these bulbs at one time is expensive, you might consider buying one each time an incandescent bulb burns out. This way you can spread the initial cost out over time.

There is another important reason to switch to fluorescents. Over 700 pounds of coal are burned to light an incandescent bulb over its lifetime; a fluorescent only requires 180 pounds over its much longer life. Reducing energy usage has a positive impact on our environment.

See, it really is a bright idea to spend \$20 on a light bulb.

	20 Watt Fluorescent	100 Watt Incandescent
Expected Life	10,000 hours	750 hours
Watts used per hour	20	100
Cost per watt hour*	\$ 0.00009	\$ 0.00009
Total cost of electricity over 10,000 hours	\$18.00	\$90.00
Cost of one bulb	\$20.00	\$0.50
Number of bulbs	1	13
Total bulb expense	\$20.00	\$6.50
Total expense	\$38.00	\$96.50
Lifetime savings**	\$ 58.50	

* Your electric bill will show cost per kwh (kilowatt hour). A \$.00009 cost per watt hour equals \$.09 per kwh. Your cost per kwh may be higher or lower.
** Because lower wattage bulbs are cooler, you may realize another 25%-50% in lifetime savings due to lower cooling costs.

Richard L. Hepburn is the author of "Understanding and Reducing Your Home Electric Bill" (Emerald Ink Publishing, \$19.95). His book provides energy saving tips and information about the latest technology and inventions designed to help you cut your electric bill. Call (800) 324-5663 to order your copy.



Channel Guide

For DIRECTV/USSB Subscribers



DIRECTV CHANNELS

295	ABC (East)
296	ABC (West)
240	A&E
220	American Movie Classics
289	America's Health Network
248	Animal Planet
268	Black Entertainment Television
274	Bloomberg Information TV
238	Bravo
247	Cartoon Network
290	CBS (East)
291	CBS (West)
283	Channel Earth
305	Classic Sports Network
275	CNBC
202	CNN
281	CNN International/CNNfn
263	Country Music Television
203	Court TV
271	C-SPAN
272	C-SPAN 2
104-189	Direct Ticket Movies
100,200,224	Direct Ticket Previews
245	Discovery Channel
242	The Disney Channel (East)
243	The Disney Channel (West)
217	E! Entertainment Television
313	Empire Sports Network
230	ENCORE 1 '60s, '70s & '80s
231	ENCORE 1 West
232	ENCORE 2 Love Stories
233	ENCORE 3 Westerns
234	ENCORE 4 Mystery
235	ENCORE 5 Action
236	ENCORE 6 True Stories
237	ENCORE 7 WAMI!
206	ESPN
207	ESPN (Alternate)
208	ESPN2
209	ESPN2 (Alternate)
258	The Family Channel
297	Fox
278	Fox News Channel
329	Fox Sports Arizona
327	Fox Sports Midwest
330	Fox Sports Northwest
315	Fox Sports Pittsburgh
326	Fox Sports Rocky Mtn.
317	Fox Sports South
325	Fox Sports Southwest
331	Fox Sports West

304	The Golf Channel
204	Headline News
241	The History Channel
214	Home & Garden Television
213	Home Shopping Network
316	Home Team Sports
239	Independent Film Channel
246	The Learning Channel
310	Madison Square Garden
324	Midwest Sports Channel
276	MSNBC
269	MuchMusic
292	NBC (East)
293	NBC (West)
262	The Nashville Network
311	New England Sports Network
303	NewSport
279	NewsWorld International
307 -	Outdoor Life
229, 308	Platinum Presents
402	Playboy TV
294	PBS
320	Pro-Am Sports System
261	QVC
222	Romance Classics
334 336	RSN Alternates
254	Sci-Fi Channel
101,191-196	Special Events PPV
306	Speedvision
323	SportsChannel-Chicago
322	SportsChannel-Cincinnati
319	SportsChannel-Florida
309	SportsChannel-New England
312	SportsChannel-New York
321	SportsChannel-Ohio
333	SportsChannel-Pacific
314	SportsChannel-Philadelphia
211,302,337	Sports Schedules
318	Sunshine Network
259	Superstation TBS
225	STARZ! (East)
226	STARZ! (West)
227	STARZ! 2 (East)
228	STARZ! 2 (West)
212	TNT
280	TRIO
286	Trinity Broadcasting Network
221	Turner Classic Movies
215	TV Food Network
253	USA Network
277	The Weather Channel
256	WGN-WB

USSB CHANNELS

963	All News Channel
930	Cinemax (East)
932	Cinemax (West)
931	Cinemax 2
964	Comedy Central
929	Flix
910	Home Box Office (East)
913	Home Box Office (West)
911	Home Box Office 2 (East)
914	Home Box Office 2 (West)
912	Home Box Office 3
962	Lifetime
940	The Movie Channel (East)
941	The Movie Channel (West)
966	MTV
961	Nickelodeon
920	Showtime (East)
922	Showtime (West)
921	Showtime 2
945	Sundance Channel
960	TV Land
999	USSB Preview Channel
965	VH-1

DIGITAL AUDIO SERVICES

MUSIC CHOICE: 24-hour commercial-free digital audio

501	Hit List
502	Dance
503	Rap
504	R&B Hits
505	Reggae
506	Blues
507	Jazz
508	Lite Jazz
509	New Age
510	Eclectic Rock
511	Alternative Rock
512	Metal
513	Classic Rock
514	The 80's
515	70's Super Hits
516	Solid Gold Oldies
517	Soft Rock
518	Today's Country
519	Country Horizons
520	Classic Country
521	Easy Listening
522	Big Bands
523	Singers & Standards
524	Showtunes
525	Classical Favorites
526	Classics Masterpieces
527	Contemporary Christian
528	For Kids Only
529	Sounds of the Season
530	Spectrum 1
531	Spectrum 2

Plant it right here.



Most busy farmers, especially at this time of year, don't have time to sit in front of the TV. But now that CHANNEL EARTH delivers farm news every Monday through Saturday on DIRECTV, every minute you spend in front of your TV will be well worth the investment.

Live, late-breaking agricultural news, weather, market reports – and much more – are as close as your DSS® remote control. Delivered by the best in the business: Orion Samuelson, Max Armstrong, and a nationwide team of correspondents, market analysts and meteorologists.

So, before planting season is over, plant it right here: Channel 283 on DIRECTV.

Channel 283. Only on DIRECTV.®



CHANNEL EARTH

All about our growing world.™

Shelby Electric Cooperative

P.O. Box 560 • Shelbyville, IL 62565

(800) 677-2612 or 774-3986

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE 217-774-3986 SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

1997 Annual Meeting

Shelby Electric Cooperative

**Shelby County 4-H Fairgrounds
Friday, June 20, 1997**

*** Meeting will start at 1 p.m.**

*** Complimentary pork chop dinner
to be served at 11 a.m.**

*** Drawing for prizes after meeting—
you must be registered by 1 p.m. to be eligible**

*** 8-\$50 electric bill credits**

*****Entertainment prior to meeting*****

**Featuring: The Lakeside Bell Ringers
and Gene Trimble Clown Band**

*****Visit Shelby's Marketing and
Load Management Booth*****

—Health Fair

—Electric Safety Exhibit

Shelby Energy Company

In 1994, The Shelby Energy Company was formed as a wholly-owned subsidiary of Shelby Electric Cooperative. The primary business of Shelby Energy Company is the sale and service of Liquid Propane (LP) gas in the cooperative service area. Shelby Energy services a variety of accounts, including commercial, industrial, agricultural, residential and motor fuel accounts.

Shelby Energy can assist you with all of your LP gas needs. The goal of Shelby Energy is to provide customers the best service and a competitive price while keeping safety the number one priority. The professional staff of the Shelby Energy Company has been properly trained and they have many years of combined experience in the LP gas business. Therefore, customers can be assured that the service provided is the very best in the area.

Customers want a competitive price for their LP gas and at Shelby Energy efforts are continually made to keep the price of LP gas as low as possible. Shelby Energy offers gas contracts whereby a customer can lock in a summer rate on LP gas and have that price guaranteed up until March of the following year. Budget billing is also available to help a person avoid those large bills when a tank is filled. Shelby Energy charges everyone the same price for their LP gas. The only

exception is a discount that is offered to new customers who lease or buy a tank from Shelby Energy. The price of gas does vary from day to day and therefore there is at times a fluctuation in price.

At Shelby Energy, customers can choose to use their own tank or they can lease a 500 gallon above ground tank for \$1 a year. A customer may also purchase a tank from Shelby Energy. Both above ground and underground tanks are available. If a Shelby Energy tank is leased, Shelby Energy will not only install the tank free of charge but they will also provide the customer with a high pressure regulator free of charge.

All systems are pressurized and tested for leaks at the time of installation. This is part of Shelby Energy's safety program and it is done free of charge to the customer. Shelby Energy provides its customers with emergency service 24 hours a day, 365 days a year. If a customer has a concern about their LP gas system, they should not hesitate to contact their supplier.

Shelby Energy is currently offering a *Special Incentive* for new tank installations. **If you think that you have been paying too much for propane, please call 774-2311 or stop by our office which is located in the new annex at the cooperative headquarters in Shelbyville.**

New customer tank set

This coupon is good for 50 free gallons of propane

Name: _____

Address: _____

Present this coupon to Shelby Energy Company upon first delivery



Channel Guide

For DIRECTV/USSB Subscribers



DIRECTV CHANNELS

295 ABC (East)
 296 ABC (West)
 240 A&E
 220 American Movie Classics
 289 America's Health Network
 248 Animal Planet
 268 Black Entertainment Television
 274 Bloomberg Information TV
 238 Bravo
 247 Cartoon Network
 290 CBS (East)
 291 CBS (West)
 283 Channel Earth
 305 Classic Sports Network
 275 CNBC
 202 CNN
 281 CNN International/CNNfn
 263 Country Music Television
 203 Court TV
 271 C-SPAN
 272 C-SPAN 2
 104-189 Direct Ticket Movies
 100,200,224 Direct Ticket Previews
 245 Discovery Channel
 242 The Disney Channel (East)
 243 The Disney Channel (West)
 217 E! Entertainment Television
 313 Empire Sports Network
 230 ENCORE 1 '60s, '70s & '80s
 231 ENCORE 1 West
 232 ENCORE 2 Love Stories
 233 ENCORE 3 Westerns
 234 ENCORE 4 Mystery
 235 ENCORE 5 Action
 236 ENCORE 6 True Stories
 237 ENCORE 7 WAM!
 206 ESPN
 207 ESPN (Alternate)
 208 ESPN2
 209 ESPN2 (Alternate)
 258 The Family Channel
 297 Fox
 278 Fox News Channel
 329 Fox Sports Arizona
 327 Fox Sports Midwest
 330 Fox Sports Northwest
 315 Fox Sports Pittsburgh
 326 Fox Sports Rocky Mtn.
 317 Fox Sports South
 325 Fox Sports Southwest
 331 Fox Sports West

304 The Golf Channel
 204 Headline News
 241 The History Channel
 214 Home & Garden Television
 213 Home Shopping Network
 316 Home Team Sports
 239 Independent Film Channel
 246 The Learning Channel
 310 Madison Square Garden
 324 Midwest Sports Channel
 276 MSNBC
 269 MuchMusic
 292 NBC (East)
 293 NBC (West)
 262 The Nashville Network
 311 New England Sports Network
 303 NewSport
 279 Newsworld International
 307 Outdoor Life
 229, 308 Platinum Presents
 402 Playboy TV
 294 PBS
 320 Pro-Am Sports System
 261 QVC
 222 Romance Classics
 334 336 RSN Alternates
 254 Sci-Fi Channel
 101,191-196 Special Events PPV
 306 Speedvision
 323 SportsChannel-Chicago
 322 SportsChannel-Cincinnati
 319 SportsChannel-Florida
 309 SportsChannel-New England
 312 SportsChannel-New York
 321 SportsChannel-Ohio
 333 SportsChannel-Pacific
 314 SportsChannel-Philadelphia
 211, 302, 337 Sports Schedules
 318 Sunshine Network
 259 Superstation TBS
 225 STARZ! (East)
 226 STARZ! (West)
 227 STARZ! 2 (East)
 228 STARZ! 2 (West)
 212 TNT
 280 TRIO
 286 Trinity Broadcasting Network
 221 Turner Classic Movies
 215 TV Food Network
 253 USA Network
 277 The Weather Channel
 256 WGN-WB

USSB CHANNELS

963 All News Channel
 930 Cinemax (East)
 932 Cinemax (West)
 931 Cinemax 2
 964 Comedy Central
 929 Flix
 910 Home Box Office (East)
 913 Home Box Office (West)
 911 Home Box Office 2 (East)
 914 Home Box Office 2 (West)
 912 Home Box Office 3
 962 Lifetime
 940 The Movie Channel (East)
 941 The Movie Channel (West)
 966 MTV
 961 Nickelodeon
 920 Showtime (East)
 922 Showtime (West)
 921 Showtime 2
 945 Sundance Channel
 960 TV Land
 999 USSB Preview Channel
 965 VH-1

DIGITAL AUDIO SERVICES

MUSIC CHOICE: 24-hour commercial-free digital audio

501 Hit List
 502 Dance
 503 Rap
 504 R&B Hits
 505 Reggae
 506 Blues
 507 Jazz
 508 Lite Jazz
 509 New Age
 510 Eclectic Rock
 511 Alternative Rock
 512 Metal
 513 Classic Rock
 514 The 80's
 515 70's Super Hits
 516 Solid Gold Oldies
 517 Soft Rock
 518 Today's Country
 519 Country Horizons
 520 Classic Country
 521 Easy Listening
 522 Big Bands
 523 Singers & Standards
 524 Showtunes
 525 Classical Favorites
 526 Classics Masterpieces
 527 Contemporary Christian
 528 For Kids Only
 529 Sounds of the Season
 530 Spectrum 1
 531 Spectrum 2

Plant it right here.



CHANNEL EARTH

All about our growing world.™

Most busy farmers, especially at this time of year, don't have time to sit in front of the TV. But now that CHANNEL EARTH delivers farm news every Monday through Saturday on DIRECTV, every minute you spend in front of your TV will be well worth the investment.

Live, late-breaking agricultural news, weather, market reports – and much more – are as close as your DSS® remote control. Delivered by the best in the business: Orion Samuelson, Max Armstrong, and a nationwide team of correspondents, market analysts and meteorologists.

So, before planting season is over, plant it right here: Channel 283 on DIRECTV.

Channel 283. Only on DIRECTV.™

**Shelby Electric Cooperative
P.O. Box 560 • Shelbyville, IL 62565
(800) 677-2612 or 774-3986**

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE 217-774-3986 SHELBYVILLE, ILLINOIS
Your Total Energy Supplier



Chinese administrators tour Shelby Electric

The Chinese take time out to have their picture taken with their hosts. Butch Walden, Shelby's construction superintendent, is in the back row at left, while James E. Coleman, manager, is at right center in the front row.

Six Chinese administrators visited Shelby Electric Cooperative on a quick fact-finding tour held Tuesday, May 13, notes James E. Coleman, manager of Shelby Electric. "The previous groups hosted by Illinois co-ops were engineers studying our methods," Coleman said, "while these were administrators who send engineers. They wanted to see what their people were learning here."

The group, whose tour was coordinated by the America China Executive Development Office at the University of Illinois at Chicago, began its tour with an overview of the co-op's operations, including its satellite TV businesses.

They watched a "hot stick" pole changeout, during which a crew, using bucket trucks and digger derricks, changed out a pole on a line that was in the process of being upgraded. Butch Walden, construction superintendent, co-hosted the tour. "We can change out about 10-11 poles a day using these trucks and crews," he told the Chinese, and one delegate noted that his crews change out about the same number of poles in a day, using some 90 men and no trucks.

The delegates asked many questions about such operations as billing, construction meth-

ods, safety procedures and power theft. One added that electricity theft is a fairly serious problem in China.

Coleman headed up a tour of the co-op's DIRECTV operations, explaining to his guests that the subsidiary had been formed partly to help bring rural entertainment up to par with that found in urban areas, and partly to help

continued on 16b...



The delegates found high-tech equipment interesting. Here, Shelby Manager Coleman discusses an information satellite dish.



Clockwise from above, a delegate takes a photo of a hotline demonstration. Manager Coleman shows where he went on his China tour. Another visitor snaps a digger at work.

provide funds to keep electricity rates as low as possible.

"Our other subsidiaries," he said, "were set up for the same reasons." As part of the diversification demonstration, Coleman also took the Chinese on a tour of Shelby's propane operation.

After the business was taken care of, the delegates relaxed with a boat tour of Lake Shelbyville before leaving for Las Vegas and Los Angeles.

"We were frank and open about our operation," Coleman said, "and I think we can be helpful to them, since they're in about the same situation in their rural areas that our countryside was in back in the early days of the rural electrification program. I think they'll send other groups our way in the future. We enjoy having them here, and we hope our efforts will help the people of rural China."



Clear Talk

Several years ago Shelby Cooperative began to experience serious problems with an aging, and what had become a very unreliable, radio system. This situation was not only annoying but a safety hazard for the crews of Shelby Electric Cooperative as it is extremely important that they be able to communicate with each other and the main office. Consequently, it was determined that a new radio/wireless communications system was necessary to meet the needs of the cooperative.

Upon researching newer radio/wireless communication systems, the cooperative found that it could upgrade a new system and provide a valuable radio/wireless communication service

to the residents and businesses in the area. A neighboring cooperative, Edgar Electric Co-operative Association, had an identical radio/wireless communication system to the one that was being developed by Shelby Electric Cooperative. Therefore, the two cooperatives decided to join the systems together so that the range of a combined radio/wireless communication system could be enhanced. The result was the formation of KASCOM, Inc., Radio Services, a radio/wireless communication system with an 800 MHZ Frequency Band Trunking System. This radio/wireless communication system is known today as Clear Talk and there are over 300 user groups on the system. Farmers, businesses, law enforcement and other emergency services personnel and the crews of Shelby Elec-

tric Cooperative have all benefited by having a state-of-the-art radio/wireless communication system.

Users of Clear Talk can utilize a "local area" which is limited to the communications tower in a single cooperative system or they can choose to be on the "wide area" of coverage. At this time, "wide area" coverage includes the areas served by Shelby Electric Cooperative, Edgar Electric Co-operative and all points in between. A new tower is being built in Monticello and once it is completed the "wide area" coverage will be expanded to include all of Decatur and Champaign. In an effort to create an even larger "side area" of radio/wireless communication coverage, agreements were recently approved to partner up

continued on 16c...

Farmers, ranchers, rural consumers focus of new TV channel

The first television channel of its kind devoted exclusively to serving farmers, ranchers and other rural residents began airing programming last March on the nation's leading direct broadcast satellite (DBS) television service, DIRECTV®. Channel Earth, the name of the new channel, will broadcast dawn-to-dusk programming every Monday through Friday, and morning-to-midday reports on Saturdays.

Well-known farm broadcaster Orion Samuelson now works on contract with WGN-Tribune Broadcasting and is chairman of the board Channel Earth Communications, Inc. He serves as anchor and chief correspondent for Channel Earth. "We intend to become the nation's authoritative source of agricultural news and information," Samuelson stated. "We are doing something that has never been done before: we're providing farmers, ranchers and other rural consumers with a steady, reliable, up-to-the-minute source of critical information that affects their lives every working day. The need is enormous and

Channel Earth will fill it." Joining Samuelson is WGN colleague Max Armstrong. Together they are heading up a team of regional and national correspondents, livestock and commodity market experts, meteorologists and talk show hosts.

The new channel went on the air March 28 on DIRECTV, which delivers its programming to consumers via the DSS® mini-dish satellite system. DIRECTV President Eddy Hartenstein noted, "We are delighted to be the satellite provider for Channel Earth. With more than 2.3 million DIRECTV subscribers, over one quarter of whom live in rural America, DIRECTV and Channel Earth are poised to make a profound difference in serving the rural and farming public throughout the United States."

The National Rural Telecommunications Cooperative (NRTC) is partly responsible for making the channel a reality. "This is a remarkable stride for rural consumers," said Bob Phillips, chief executive officer of NRTC. "For the first time, a national television service has

acknowledged that rural Americans deserve to receive news and informational programming tailored to their unique interests."

Channel Earth broadcasts programming from studio production facilities in Chicago and airs live reports from throughout the country, including regional reports and regular news updates from Capitol Hill. DIRECTV subscribers can view the new programming on Channel 283.

Samuelson's agricultural broadcasting career spans more than 40 years. He and Armstrong are well known as agricultural reporters for WGN-TV and Radio, anchors of Tribune Radio Network's "National Farm Report," and hosts of a nationally syndicated weekly television show, "U.S. Farm Report."

NRTC is a non-profit service cooperative made up of rural electric, telephone and affiliated organizations in 48 states. NRTC members were instrumental in first introducing DIRECTV service to rural residents nearly three years ago.

Clear Talk continued on 16c...

with Corn Belt Electric Cooperative, Inc., and Illinois Valley Electric Cooperative, Inc. Linking up with Corn Belt and Illinois Valley will allow "wide area" coverage to be expanded to a point north of Princeton. In fact, it is feasible that Clear Talk will become the largest single radio/wireless communication system in the state of Illinois.

Motorola Radios can be purchased for \$490 and the charger is an additional \$29. All radios come with a one-year warranty. A carrying case can be obtained for \$40 and a microphone for \$80.

The monthly service charge

for the radio/wireless communication system is \$9 per radio and that includes unlimited usage 24 hours-a-day. Customers can have as many channels on the system as they desire at no extra charge.

A telephone connect feature is available on all radios and it allows a person to use their radio as a telephone. The service charge for the telephone connect is \$14 a month and includes 30 minutes of time for the telephone. Each minute after the first 30 will cost 20 cents a minute. If a Shelbyville area customer prefers to have "local area" coverage as opposed to

"wide area" coverage, they are entitled to a local 774-XXXX number or exchange. If a Shelbyville area customer chooses to have the "wide area" coverage, then they would be assigned a 465-XXXX number or exchange. There is no additional charge for the "wide area" coverage. However, if a customer is assigned a 465 exchange and someone from Shelbyville calls them on the telephone, that call will be considered a long distance call.

For more information about Clear Talk, contact Shelby Electric at 774-3986 or the main office in Paris at (888) 400-4600.

We cover a lot of ground.



CHANNEL EARTH

All about our growing world.™

Because growing conditions in Europe, Australia and Canada are just as important to U.S. farm prices as the situation right here at home, television's newest channel – CHANNEL EARTH – reports from every corner of the globe with agricultural news you can use.

Veteran farm broadcasters Orion Samuelson and Max Armstrong lead an experienced team of agricultural reporters who deliver national and international news, weather, markets, human interest features and more – every working day on DIRECTV – satellite TV at its best.®

Wherever things are growing, CHANNEL EARTH will be there to cover it all. From our satellite to your DSS® dish, every Monday through Saturday – only on DIRECTV.

Channel 283. Only on DIRECTV.®

Shelby Electric Cooperative
P.O. Box 560 • Shelbyville, IL 62565
(800) 677-2612 or 774-3986

Notice of closing . . . Shelby Electric Cooperative will be closed Friday, July 4, in observance of Independence Day. We will resume normal business hours on Monday, July 7. Have a safe holiday.

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

29

The danger of generators

Many members now have standby generators at their homes or farms to supply power to essential equipment during prolonged outages. Care must be given to protect the generator, and, more importantly, the life of a lineman who will be repairing the damage to our lines perhaps within sound of the generator or maybe a few miles away.

The protection for both is easily accomplished with a double-pole, double-throw switch installed so as to ensure that the generator is supplying electricity only to the farmstead or home and not pushing it back into our distribution system.

Here's why operating a generator without a double-throw switch can be a very dangerous practice. We distribute electricity through underground or overhead wires throughout our territory at 4,160 volts or 7,200 volts. This is voltage that can severely burn or instantly kill. The transformer, whether it is hanging on a pole or mounted at ground level, changes the high voltage to 240 volts that can be used in the home or on the farmstead.

When an operating generator, even a small one, is carelessly connected directly to the cir-

cuits of a fuse box or breaker panel, the 120 volts or 240 volts the generator puts out is instantly pushed back out of the house, through the meter, into and through the transformer and down the dead line. The transformer does its job quite well by changing the 120 or 240 volts to a primary voltage of 7,200 volts.

A lineman, hurrying to restore service, will have to touch, hold, and handle the supposedly dead line to make a repair. Under these circumstances, when he does, an injury or death will be his fate.

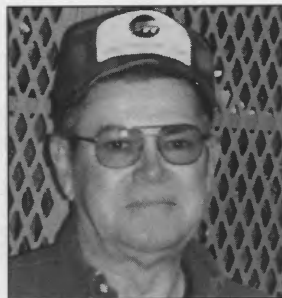
A manually operated, double-pole, double-throw switch that is properly installed between the meter and the main fuse or breaker panel will ensure that power from the generator can go only into the chosen circuits within the home or farmstead and never back into our lines to endanger lives.

Another plus is the assurance that when we restore the power to your meter, the current won't go directly through your fuses or breakers into the generator and burn it and your investment to a crisp. Your insurer may cover the damage; ours will have a good chuckle if a claim is filed.

40 years

Shelby Electric Cooperative would like to recognize two employees who have served the Membership of the cooperative for 40 years. Richard Haynes started his career with Shelby Electric on August 28, 1957 and Don Pinkston started the very next day.

Haynes began as a groundman and then advanced to his present position as a Lineman. He and his wife live in Shelbyville. They have one son and one granddaughter.



Richard Haynes

Pinkston has served as a groundman, lineman, and field engineer. In 1990 he was promoted to his present position as the director of en-



Don Pinkston

gineering. Don and his wife live in Shelbyville. They have two daughters and five grandchildren.

Highlights from the 1997 Annual Meeting

James E. Coleman, president and CEO of Shelby Electric Cooperative, right, congratulates Lawrence D. Oller of Taylorville, Neil Pistorius of Blue Mound and Richard Boggs of Macon on their re-election to the board of directors. The election was held during the cooperative's 59th annual meeting, Friday, June 20.



Manager Jim Coleman gives his report.



Lineman Lynn Glick uses a tabletop display to demonstrate the dangers of electricity.



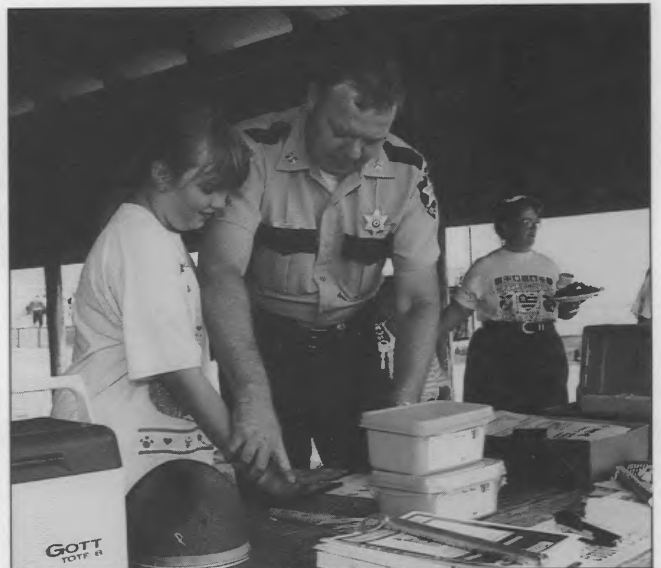
A young man gets ready for a ride in a bucket truck.



The blood pressure test is always a popular stop with members.



Apprentice Lineman Kevin Carlen discusses the benefits of superefficient water heaters with a member.



A young lady has her fingerprints taken for the record.



The Gene Trimble Clown Band entertained.

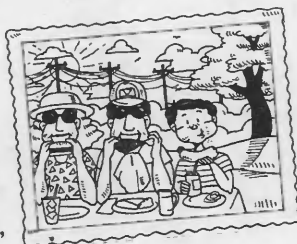
What stays on when you go out

"There must be something wrong with our meter. We were on vacation most of the month. We couldn't have used this much."

We hear variations of this comment many times every month of the year. Is there something mysterious going on here?

Not really. The homes of today are increasingly equipped with appliances that consume energy without any active intervention by the occupants. Until we go on vacation, these appliances are considered the benefits of our economy. When we get back from vacation we find they have turned into liabilities simply because they have continued operating automatically while we were gone.

Old refrigerators and freezers are the main culprits in this mystery. And, old doesn't mean ancient. The older any refrigeration unit is the less efficient it is and can account for as much as 25 percent of the monthly electric bill. And an



old freezer or two and the percentage is even higher. A hotter house (assuming the homeowner remembered to shut off the air conditioning) will cause these appliances to run longer to do their job.

Add to the list dehumidifiers, instant-on TVs, cable TV boxes, clocks, waterbed heaters, water heaters, anything battery powered with charger, sump pump, water pump, swimming pool pump—they all add to the usage and the bill.

Plus, when we return from vacation, we turn everything back on to bring the house into equilibrium and then begin washing, drying, ironing, bathing, cooling, etc., etc. So the electricity we saved by being away is now used after we get back—and maybe more.

So, enjoy your vacation. But remember, we use electricity whether anyone is at home or not.

Outage report

April 28, 1997 through May 25, 1997

Dates	Cause	No. of Outages	Time/Hours
4-30/5-1	Storm/Trees	14	18.5
4-30/5-1	Broken Insulator	3	3.5
4-30	Supplier/CIPS	3	10
4-30	Storm/Blown Fuse	1	2
4-30/5-2	Equip. Failure/Service Wires	2	6
5-1	Members Own Wiring	1	15.5
5-2/5-14/5-26	Car Hit Pole	3	4.5
5-2	Damaged Pole	1	1.5
5-3	Lightning	1	1
5-3	Loose Connection	1	2.5
5-5/5-16/5-20	Misc.	3	3.75
5-9	Power Surge	1	2.25
5-10	Bad Hot Line Clamp	1	1
5-10	Pole Blew Over	1	1
5-12	Wires Burned off in Weather Head	1	1.25
5-13	Guy Wire Flipped Over a Phase	1	1.25
5-15	Wind-Lines Wrapped Together	1	.75
5-15	Primary Underground Went Bad	1	7.5
5-18	Line Down	1	1.5
5-26	Bad Transformer	1	2

The Shelby Electric Cooperative service area experienced several storms this spring, the worst of which occurred on April 30, and again on May 1. Severe thunderstorms combined with extremely high winds caused a total of 23 outages during that two day period. Three Shelby Electric Cooperative substations that are supplied by Central Illinois Public Service Company (CIPS) lost their power when CIPS transmission lines were damaged as a result of

the bad weather. It should be noted that in one of those situations, Shelby Electric Cooperative crews assisted the CIPS crews in making the necessary repairs to CIPS transmission lines so that power could be restored to a Shelby Electric Cooperative substation. If this had not been done, a large number of Cooperative Members would have experienced an even longer outage than what they had already experienced.

Shelby Electric News

SHELBYELECTRICCOOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Prepare now for winter

Now is the time to start thinking about what you can do to be prepared for the winter heating season. Most people think that they have to spend thousands of dollars to make their home more energy efficient. It is true that items such as electric heat pumps, geothermal systems, better insulation and new windows will pay for themselves as they will make your home much more efficient to operate. However, many people are not able to spend that kind of money. If you cannot spend much money on making your home more energy efficient, don't give up. There are several ways to make inexpensive improvements that will save you money. Following are some recommendations that can save you money on your home energy costs.

Furnace filters

Replace your furnace filter every month. If you have not been changing those dirty filters, now is the time to stock up on new ones. Get into the habit of changing furnace filters every month. A dirty furnace filter can increase the cost of heating your home by as much as 10 percent, which means if your heating costs amounted to \$100 for the month, that dirty filter costs you \$10. Furnace filters are very inexpensive, especially when you realize just how much a dirty one can cost you. So be sure to keep a clean filter in your furnace.

Air leaks

- Seal and caulk around all windows and doors on the outside of the home.

- Remove switch plates and outlet plates and install foam seals around them.
- Install new weather stripping around doors leading to the outside.
- Be sure that openings to the attic are well sealed.

Thermostats

Replace that old thermostat with a new one. New thermostats are more accurate and respond much faster than the older ones. Experts seem to be divided as to whether or not you should adjust the setting on your thermostat. Some say that you should find a setting that is comfortable and leave it there. Others say that you should turn it down at night and also when you are not at home. If you choose to adjust the thermostat setting at night and/or when you are gone during the day, consider using a programmable thermostat. Programmable thermostats automatically lower and raise the thermostat setting for you.

LP gas

If you use liquid propane (LP) gas to heat your home, you will want to contact Shelby Energy Company to find out how you can get the best rate and the best service on LP gas. For more information call (217) 774-2311 or (800) 677-2612.

Energy audit

Contact Shelby Electric Cooperative for a home energy audit. A home energy audit will help analyze how your electricity is being used.



Notice of closing

Our office will be closed Monday, Sept. 1, in observance of Labor Day. Enjoy your holiday!

Special rates and rebates

Electric heat

Shelby Electric Cooperative has a special Electric Heat Rate that is available to those members who utilize an all-electric heating system. If you have an electric heating system in your home, or if you plan to install an electric heating system, you will want to contact the cooperative so that we can make sure you are on the Electric Heat Rate. Rebates are available in the amount of \$30 per kilowatt for the purchase and installation of electric air-to-air heat pumps, baseboard/ceiling cable, electric furnaces and other all-electric heating systems.

Dual fuel heating

If you have electric heat as your primary source of heat and you also have an alternate source of heat as a back up, you could qualify for the Dual Fuel Heating rate. Under this rate you can receive all of your heating at 4.5 cents per kwh from Oct. 1 through the end of March. This rate does apply to electric air-to-air heat pumps.

Geothermal heating and cooling

Geothermal systems are the most efficient heating and cooling systems available today. Shelby Electric Cooperative does offer a special rate for those members who have installed a geothermal system. Under the geothermal rate, all heating and cooling costs are offered at 5.6 cents per kilowatt-hour. Shelby Electric Cooperative recognizes that geothermal systems do cost more than others. Therefore, to assist members with some of the up front costs, the cooperative provides a \$300 rebate and a Marathon Xtra Water Heater, which is a \$500 value. An additional rebate is also available through Soyland Power Cooperative at \$125 per ton.

For more information on the rates listed above, please contact Shelby Electric Cooperative at (217) 774-3986 or (800) 677-2612.

Outage Report

May 26 through June 25

Dates	Cause	No. of outages	Time/hours
5-27/5-29/6-15	Animal/bird	4	6.25
5-27	Bad hot wire clamp	1	.75
5-28	Blown fuse	1	1.75
5-28&30/6-1,6,9,17,20,21 &23	Member's own wiring	9	10.50
6-1,19&25	Trees/storm	4	9.75
6-1/6-13/6-17	Loose connection	3	4.75
6-2	Line down	1	1.00
6-6,7,18,23&25	Equipment failure	6	9.75
6-6&13	Lightning	6	10.75
6-13&17	Planned outage	2	2.25
6-15	Misc.	1	6.00
6-19	Car hit pole	1	5.00
6-21&25	Bad underground	2	8.50
6-25	CIPS hit wire	1	1.00

More than 100 million Americans belong to cooperatives

Cooperatives—not-for-profit, member-owned businesses—comprise an important part of the American economy with annual sales of more than \$100 billion. For example, about 30 percent of farmers' products in the U.S. are marketed through cooperatives. Electric cooperatives provide service to 30 million member-consumers. In fact, more than 100 million Americans belong to more than 47,000 cooperatives in the United States, according to the National Cooperative Business Association (NCBA).

Co-ops are of three types: producer-owned, consumer-owned and worker-owned. Farmers, producers,

or small businesses own producer-owned co-ops. consumer co-ops—electric co-ops, for example—buy and sell services or commodities. In addition to electric co-ops, consumer co-ops may buy and sell food or heating fuel or even operate childcare facilities. Worker-owned co-ops are businesses owned and controlled by their employees; in the U.S. these include food stores, restaurants and taxi cab companies, as well as other examples in both light and heavy industry.

Source: National Cooperative Business Association

Protect your computer with a—UPS

Despite constant efforts to eliminate the potential for power outages by upgrading the distribution system for heavier loads, clearing lines of trees and brush, and utilizing capacitors and voltage regulators, there are still times when a momentary power outage occurs. Some people refer to these as the "blinking clock" syndrome. For the computer user, a blink can cause your computer to crash and the consequent loss of valuable information. One way to help protect your computer from a brief power interruption is to install an Uninterruptible Power Supply (UPS). A UPS works off of batteries, ensuring a constant source of power. It will allow your computer to handle not only momentary power interruptions, but depending on the UPS, possibly much longer outages. A basic UPS for a home user can be obtained for around \$120. Many businesses use a UPS since a loss of information due to power interruption can be very costly. Larger and advanced UPS's can be used with multiple servers, mini-computers, phone systems, and UNIX systems. Advanced UPS's can also be obtained for personal desktop systems for around \$300. The advanced UPS offers faster battery recharging, full-time

surge suppression, noise isolation, audible alarms, fault indicators and more.

Momentary power interruptions have always been a challenge for power companies and electric cooperatives. However, people notice them more today than in the past. So many items in our homes today have solid state electronics and such items are increasingly sensitive to voltage fluctuations. Items that do not use solid state electronics, such as a refrigerator, clothes dryer, or even a light bulb, are not that sensitive. In most cases, a momentary outage could happen and there would be no noticeable affect on the performance of such devices. Years ago we did not have digital clocks, VCRs and personal computers. Today we do, and we never seem to miss a blink.

Shelby Electric Cooperative is continually striving to deliver high quality power to the member-owners. Nonetheless, there may be times when an unexpected outage occurs. If you are concerned about your computer, you may want to purchase a UPS. Considering what you probably paid for the computer system, the cost of a UPS may be minimal.

An E-Mail address for your refrigerator?

The year is 2005 and you've just had a new refrigerator delivered to your home. You plug it in, and it's ready to go. However, the refrigerator is doing something on its own. It is also registering itself electronically with the manufacturer. And, the warranty you purchased with the refrigerator enables the machine to diagnose itself and to report any problems to a local service contractor.

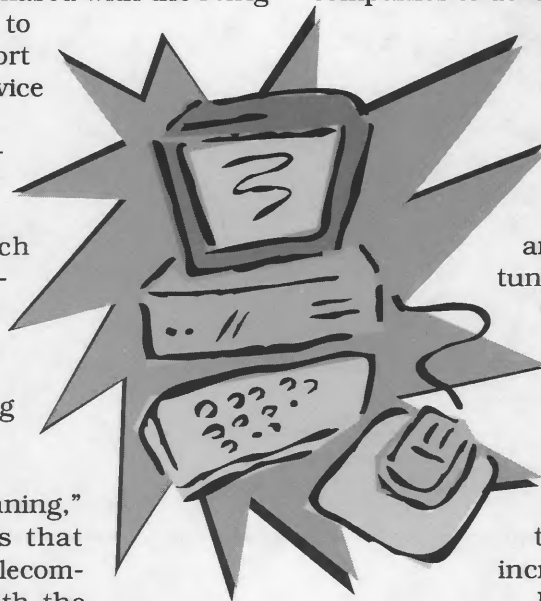
This is a vision of the future offered by Steve Drenker, manager of the Electric Power Research Institute's (EPRI) Information Systems & Telecommunications Business Unit. "The load control and remote meter reading that utilities do today via telecommunications technologies are just the beginning," says Drenker. He believes that technological advances in telecommunications, combined with the increasingly popular and accessible Internet, are going to change how we live today—in a big way. In the not-too-distant future, he predicts, virtually everything will have an Internet address, from

telephones to gas pumps to home appliances.

"We're going to see an abundance of things communicating on the Internet, and they won't be people," says Drenker. EPRI is organizing a consortium of appliance and telecommunications companies to develop standard messages for communication between these devices.

At this point, no one knows precisely what an appliance's Internet address would be used for. But there are lots of ideas floating around, and the business opportunities for utilities are significant. On the most basic level, a utility could monitor the power consumed by Internet-linked appliances and perform remote diagnostics as a billable service to the owners. But advances in sensor technologies that are now underway further increase the possibilities.

EPRI is a nonprofit research organization for electric utilities. The National Rural Electric Cooperative Association works closely with EPRI to ensure that industry-wide research receives input from electric cooperatives.



Satellite TV at its best

The best gets even better this month on DIRECTV®

September 1997

Get an edge on the new school year

Educational programs help students bridge the gap

You didn't think it could happen this fast, but summer is ending and the new school year is just around the corner. While you're busy shopping for new clothes, school supplies, and making appointments for those first-day-of-school haircuts, you might also want to consult your DIRECTV programming guide for channels and programs to help enhance your child's education this year.

That's right, DIRECTV. We know, we know. Your normal reaction is to turn off the television so your child can pay attention to schoolwork. But take a look at what DIRECTV has to offer, and you'll see that your television can be a valuable learning tool during the school year. Whether it's history, science, current events, health, or physical education, DIRECTV programming can help make the upcoming school year an A+ for students.

The Learning Channel (ch. 246), Discovery Channel (ch. 245), The History Channel (ch. 241), Animal Planet (ch. 248), C-SPAN (ch. 271) and hosts of other offerings help children understand subjects more clearly, and keep them up-to-date on the latest developments in those areas. DIRECTV can also help put concepts into the context of current events. Who knows, your child may even teach the history instructor a thing or two!

You can also use the "Parental Control" and "Lists and Limits" features of your DSS system to set favorite channel lists and set lock-out controls, to ensure your family watches only what you approve for "study time only".

So, don't hide the remote control. Make DIRECTV – your reliable source for quality entertainment – your responsible partner in *education*, too.



Channel Chooser

Meet Steve and Terri Irwin, a regular Mr. and Mrs. Crocodile Dundee.

They make it their mission to rescue and protect the incredibly diverse creatures of the Australian outback. Keep up with their adventures on "Crocodile Hunter," 10-11 p.m. Wednesday evenings on Animal Planet (ch. 248). A dedicated biologist, Steve runs Australia's Queensland Reptile Fauna Park. He and his wife Terri take a real hands-on approach when it comes to caring for the park's animals. Keep up with the Irwins and other animal lovers on TV's only all-animal channel, Animal Planet.



This newsletter, for DIRECTV subscribers only, is brought to you by:

Shelby Electric Cooperative
P.O. Box 560
Shelbyville, IL 62565
(800) 677-2612 or 774-3986



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Across the Manager's Desk

By Jim Coleman



\$1.2 million grant is awarded to Lincoln Prairie Water Co.

For some people, having a safe and reliable supply of water at an affordable price is something that is taken for granted. However, many rural residents would consider such an answer to prayer. More and more people living in rural areas are finding that their wells are unable to provide them with safe water. Others may have safe water at this time, but their well is not able to provide them with an adequate supply of water. Therefore, they resort to hauling water to their homes and farms, establishing a way of life that leaves them constantly trying to conserve water and wondering if there is enough to do the next load of laundry. It shouldn't have to be that way; efforts are currently being made to provide the rural resident with the same basic services that are available to those living in the towns and cities all across America.

In 1993, as a result of the tremendous need for a rural water system, Congressman Glen Poshard, D-Marion, was approached by a significant number of rural residents who hoped that he could find a solution to the problem. Consequently, the Lincoln Prairie Water Company (LPWC) was formed and organized as a not-for-profit company. The goal of Lincoln Prairie is to provide safe water at an affordable price to rural residents in the counties of Shelby, Christian, Moultrie and Montgomery. Such a rural water system is not a profitable venture. Otherwise, a private company would take advantage of the opportunity to provide the service. The philosophy and ideals of the "Cooperative" approach were the moving force in providing electricity to rural America over 50 years ago. If it had not been for the formation of electric cooperatives, the rural parts of the country would not have enjoyed the benefits of affordable electricity. Private companies were unwilling to make the investment in the miles of line that were required to serve the rural customer. Private companies chose to serve the people living in cities, where they could

reach a large number of customers in a short distance. The same approach that brought affordable electricity to the members of Shelby Electric Cooperative is now being used to bring them safe and affordable water.

Many volunteers, Congressman Glen Poshard, and the Board of Directors of the Lincoln Prairie Water Company have remained committed to the project and they have worked hard to see a rural water system become a reality. Engineering studies found that such a system would cost \$7.5 million to construct. In 1995, an application for federal assistance was submitted. However, the application was not funded. The Board of Directors then decided to down size the project and to approach it in phases.

Phase I of Lincoln Prairie was developed and it included 72 miles of water main, a 50,000 - gallon elevated storage tank and the purchase of water from the city of Shelbyville. The following townships in Shelby County will be served: Ridge, Okaw, Windsor, Rose, Shelbyville, Richland, and Ash Grove. The cost of Phase I is projected to be \$2.5 million.

In August of 1996, an application for federal assistance was submitted to the U.S. Department of Agriculture - Rural Development for Phase I of the Lincoln Prairie rural water system. A \$1.2 million grant and a \$1,125,000 million loan were sought through Rural Development's Water 2000 program. In August of 1997, Congressman Glenn Poshard announced that the grant and the low interest loan were both approved. At a press conference in Shelbyville, Ill., Wally Furrow, the state Director of Rural Development, commended the efforts of Congressman Poshard and Lincoln Prairie Water Company President Jim Coleman to obtain funding for Phase I of the Lincoln Prairie rural water system. Jim Coleman recognized Shelbyville Mayor Lowell Goleman and finance commissioner Dale Smith for their help in the project.

Phase I will serve a minimum of 220 rural residents and it is anticipated that many more people will be served by the time that Phase I is completed. Construction should begin in the summer of 1998. The minimum monthly bill is estimated to be \$24.00 for the first 1,000 gallons and each additional 1,000 gallons will cost \$4.00. An average monthly user bill is projected to be \$40.00 for 5,000 gallons.

For more information about how you can be served by Lincoln Prairie Water Company, please contact Shelby Electric Cooperative at 774-3986 or 1-800-677-2612.

A "maze" of a fall treat

With the approach of fall, your mind may wander back to a childhood when autumn meant hay rack rides, cider and cookies, the "Boo" of Halloween. There is a special place where these wonders can still be found.

Shelby Electric member Paul Gebhart invited us to join some school children at Country Pickins', a really special place located on the farm of Gebhart's partner, Dale Baumgartner. The biggest attraction at Country Pickins' is a maze constructed of over 1,300 bales of straw. At a height of five bales, this structure can bring forth the first "Boo" and scare of the Halloween season.

Starting around Oct. 1, Gebhart, Baumgartner and Gebhart's mother Ruby, invited area children, parents and school classes to come to the rural Edinburg site. They travel through the maze, enjoy a petting zoo, and tour the farm on a hayride. While driving these hundreds of children over the farm, Paul Gebhart likes to explain the sights and sounds, show them the new wetland project, and inform youngsters and grownups alike about the wonders of nature.

Each year, approximately 1,500 school children pack their lunches and ride out to the country to enjoy this autumn adventure. On these pages, perhaps you can share a crisp fall day with students from Springfield's Southernview Elementary School.

Ruby Gebhart stands ready to hand each young visitor a goody bag. She is also quick to pass out small glasses of cider to enhance the feeling of fall in the air.



All aboard for the hayride! Students and teachers huddle together for added warmth.



As each student boards the bus for the trip home, he/she is allowed to choose a pumpkin to take along.



Consisting of over 1,300 bales, the maze is surrounded by hundreds of fall pumpkins.



Vistors are greeted as they arrive at the maze.

Outage Report

June 23, 1997 Through July 27, 1997

Dates	Cause	No. of Outages	Time/Hours
6-27	CIPS Cross Arm	1	.75
6-28/7-14	Blown Fuse	2	3.0
6-30/7-1,14,18&21	Tree/Storm	23	32.5
6-30/7-14,22,26&27	Transformer Bad/Overload	9	14.5
7-1,13,14,18,19,20&21	Members Wiring/Breaker	7	10.75
7-1,2,14,18&21	Lightning	13	14.0
7-2	Equip. Failure	1	.5
7-2&24	Animal/Bird	2	2.0
7-3	Primary Underground-Bad	1	4.75
7-6,13&14	Underground-Bad	3	8.0
7-7,16,19&28	Misc.	4	7.25
7-13	Meter Base-Bad	1	1.25
7-13	Fire	1	1.0
7-14	Broken Insulator	1	1.0
7-14	Neutral Burned Open(Dim Lights)	1	1.5
7-18&19	Breaker Opened	2	2.0
7-18	Planned Outage-Move House	1	3.5
7-18	Member Damaged Wire	1	1.0
7-19	Broken Guy Wire	1	1.0
7-21	Planned Outage-Connect New Line	1	.75
7-23	Member Damaged Transformer	1	1.0
7-27	Truck Hit Wires	1	.75

Save energy when using your fireplace

With crisp, fall weather bringing cool nights to many parts of the country, you may decide it is time to enjoy a fire at night. Before using your fireplace, there are a few tips you should know that will help you save energy — and cut your fuel bills. The U.S. Department of Energy recommends the following measures.

Without a fire

When you do not have a fire going in your fireplace, keep the damper closed. For example, an open damper on a 48-inch square fireplace can let as much as 8 percent of your home's heat escape through the chimney.

Supplementing your furnace

If you use your fireplace (or fireplaces) to supplement the heat provided by your regular heating system, there are some measures that will help you make the most

efficient use of your fireplace. First, remember that the heat gain from a fireplace is confined to the room where it is located. At the same time, a considerable amount of heat from other rooms can flow into the room with the fireplace and then escape up the fireplace chimney. The warm air will be replaced by cold outside air. As a result, your thermostat will sense the heat loss and turn on your furnace.

What to do? While you may want a higher setting for comfort's sake, lower the thermostat to 50° to 55° Fahrenheit. You will still lose some warm air through the chimney, but the furnace will not have to work as hard to maintain the set temperature. There are other things you should do when using a fireplace:

- Close all the doors and heat ducts in the room with the fireplace. Then, open a window near the fireplace about 1/2 to 1 inch; this will re-

duce heat drawn from the rest of the house and give the fire needed air. However, if the fireplace has an outside supply of air, do not open a window.

- Do you have a simple open masonry fireplace? Install one of the following: a glass screen, a convective grate, a combination convective grate with glass screen, a radiant grate or a fireplace insert. Some of these devices will cut down on the loss of warm air through the fireplace chimney and may improve heat recovery from the fire.

With fall here and winter on the way, you may have other questions about how to cut down your heating bills. Contact your electric cooperative for help. Your co-op can help you with an energy audit and provide you with any number of options for winterizing your home that will save you money.

Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Outdoor lighting help for shorter days

Improved outdoor lighting around your home or farm can make it safer and deter vandalism. Outdoor lighting can also make it easier for you to accomplish some of those outdoor chores, especially when the days become shorter during the winter months. One way to improve outdoor lighting is to have Shelby Electric Cooperative install a security light on an existing pole. Members of the Cooperative can rent a security light for as little as \$8.35 per month, which works out to be less than 30 cents a day. Following is a list of the monthly rates

which are charged for the security lights that are available to Shelby Electric Cooperative members:

Watts	Type	Monthly Rate
100	High Pressure Sodium	\$ 9.65
175	Mercury Vapor	\$ 8.35
200	High Pressure Sodium	\$14.55
250	High Pressure Sodium	\$20.05
400	Mercury Vapor	\$20.05
1000	Mercury Vapor	\$43.50

Low-flow showerhead: Save money while you shower

Are you looking for additional ways to save money on your monthly energy bills? It is as easy as standing in the shower — if you install a low-flow showerhead.

According to *Home Energy* magazine, the cost of a shower depends on a number of factors, including shower temperature, the amount of energy used to heat the water, and the amount and cost of water. Here is how the amount of water used affects the equation.

Let's say we have two households — Household A and Household B — who each pay

28 cents per gallon for combined water/sewer charges. (All their other energy charges are equal, too). Household A has an old 8 gallon-per-minute (gpm) showerhead; he will pay 2.2 cents per minute for water for a shower. However, Household B has a new showerhead that uses only 2.5 gpm. It costs Household B just 0.7 cents per minute for water for a shower.

Each household has four residents, who each take an average of one 10-minute shower per day throughout the year. Household A will pay

\$321.20 per year for water for showers while Household B will pay only \$102.20 — \$219 less per year.

Do you have questions about how you can cut your home energy costs? Contact Shelby Electric. We will be happy to show you how you can save money. Remember that we are a member-owned, not-for-profit business. Your cop's objective is to provide you with electricity at the lowest possible cost — and to help you save money on your energy bills.

Notary services offered free to members

Shelby Electric Cooperative is always seeking ways to better serve Member-Owners as well as the customers of Shelby Energy Company, DIRECTV and Clear Talk Wireless Communication. The Cooperative recognizes that sometimes you may need to have certain documents notarized. Therefore, the Cooperative will now be offering notary services at no charge to members of Shelby Electric Cooperative and customers of Shelby Electric Cooperative's affiliated companies.

Safety tip: multiple plug adaptors are for temporary use only

Have you ever needed to plug more than two items into a standard duplex electrical box? If you did, did you use one of those multiple plug adaptors otherwise known as a temporary tap to solve the problem? Most people use the multiple plug adaptor as a permanent solution and are completely unaware of the dangers in doing so. Using a multiple plug adaptor on a permanent basis is a serious safety hazard that can be easily avoided. Each year, there are approximately 150,000 fires which occur in the home that are caused by electricity related incidents.

Multiple plug adaptors are easy to overload. If they are overloaded, you may be fortunate enough to merely blow a fuse or cause your breaker to operate and shut off. If this is happening, and especially if it happens frequently, you have a very serious problem. Unplug the equipment on that circuit and have a qualified repairman or electrician evaluate the situation. To help you picture what

happens in an overloaded circuit, think of a balloon that is filled with water. Maybe the balloon can adequately hold a half gallon of water. You decide to add an additional one-half gallon of water to the balloon for a total of one gallon. The balloon seems to hold it with no apparent problem. Nonetheless, each time you add the additional one-half gallon of water, you weaken the balloon. Eventually, the balloon will burst if you continue to overload it. The same can happen to an electrical circuit. It may be able to handle the overload for a while but eventually it will burst. Fuses and breakers are designed to relieve the pressure before the wire starts to heat and weaken. You also need to be concerned about poor connections that can cause heat buildup and the weakening of electrical contacts. In either situation anything can happen when power is moving through the wire of an overloaded circuit and the potential is there to start a fire.

The solution to needing more outlets is to have a certified electrician install a larger (double duplex) electrical box. The electrician will go one step further and check the circuit to make sure that it can carry the load that you intend to put on it. If one of the items that you intend to plug into the electrical box is a large appliance, the electrician will install a separate circuit to adequately handle the load.

Your home can be wired to handle any kind of load that you desire. However, the proper size wire, fuses or breakers and number of circuits must be used to insure adequate and safe use of electricity. Remember, multiple plug adaptors are for temporary use only. Anything else is not safe and could lead to a fire. It should be noted that power strips and surge protectors are not considered multiple plug adaptors. They typically have a fuse built into them which will prevent overloading of a circuit.

Now is the time to weatherize your home

We all know it can be expensive to heat and cool a drafty home. By making a few inexpensive improvements around your house, you can dramatically reduce these costs.

More than half the heat that escapes from the house is through cracks and loose-fitting windows and doors. Seal those cracks and you'll save.

Weatherstripping materials will reduce air infiltration around these areas. These materials have a wide variety of life, durability, and cost. Most of are easy to install. The best ways to decide what is most

suitable for your home is to visit a hardware or a building supply store.

Caulking around window and door frames is another way to prevent air loss. Caulking compounds are materials used to fill, cover, and seal cracks and construction joints. Replace old caulking that is cracking or flaking. Clean out old joints first to get good adhesion. Caulking can be accomplished with a few low-cost tools and a little practice to get a good seal.

There are

other areas to caulk besides around windows and doors. As a general rule, apply caulking wherever two different materials or parts of the house meet. If you have a 1/16 inch crack around a standard door, this will let in as much air as a 14 1/2 square inch hole. Close that hole!



To help us speed outage restoration we need your phone numbers

To provide you with the best possible electric service we need accurate, up-to-date phone numbers for all of your accounts. Please fill out the form below and mail it to: Shelby Electric Cooperative, P.O. Box 560, Shelbyville, IL 62565. If you have any questions or want to give us your phone numbers over the phone call 217-774-3986 or 800-877-2612.

first name _____ last name _____

address _____

city/state/zip _____

account number _____ phone number _____

account number _____ phone number _____

account number _____ phone number _____

account number _____ phone number _____

account number _____ phone number _____

Office closing

Shelby Electric Cooperative will be closed Nov. 11 in honor of our veterans and in observance of Veterans Day.

Shelby Electric Cooperative will be closed Nov. 27 and 28 in observance of Thanksgiving Day. The Cooperative will resume normal business hours on Monday Dec. 1. Shelby Electric Cooperative wishes you and your family a Happy Thanksgiving!



THANKSGIVING

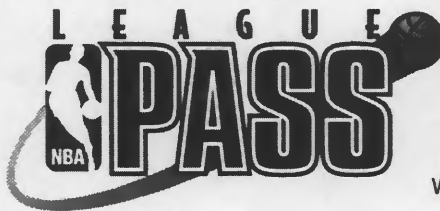
Satellite TV at its best

The best gets even better this month on DIRECTV®

November 1997

Professional basketball is holding court on DIRECTV

November means a lot of things to a lot of people: Thanksgiving, family gatherings, the beginning of the Christmas shopping season. But for millions of sports fans, it means basketball. That's why DIRECTV offers NBA League Pass. The most complete professional basketball package available, NBA League Pass puts you at center court for up to 1,000 games this season.



With all the pre-season developments and unfinished business from last season, NBA League Pass is exactly where you want to be this season. Five-time champion Chicago Bulls might be ready for six, but not without some rough and tumble competition from the Lakers, Majic, Knicks, Jazz and an entire league of great teams and players who are ready to dethrone the Windy City Dynasty.

You can get NBA League Pass for only \$159, or four interest-free payments of \$39.75. You'll see up to 35 games a week. And these games are in addition to those available on NBC, TNT, TBS and your regional sports network.

No doubt about it – this could be one of the most exciting, unpredictable seasons of NBA action ever. So make sure you've got the best seats in the house for all the action, with NBA League Pass!

Food Channel Chooser

Born to be 'wide' on TV Food Network

Ready for a truly unusual dish? TV Food Network serves one up this fall with "Two Fat Ladies," a new weekly series that follows British food columnists Jennifer Paterson and Clarissa Dickson Wright on culinary adventures as they ride along the English countryside on their classic Triumph Thunderbird motorcycle, complete with sidecar. Watch them run a Cornish restaurant and lead a scout troop on a field trip.

TV Food Network (ch. 215) has something for everyone from the kitchen newcomer to the experienced chef. It helps viewers master new recipes and cooking techniques, jazz up family meals and explore fine restaurants nationwide. Tune in and let TV Food Network be your cooking companion.



This newsletter, for DIRECTV subscribers only, is brought to you by:

**Shelby
Electric
Cooperative
217/774-3986**



Shelby Electric News

SHELBY ELECTRIC COOPERATIVE

217-774-3986

SHELBYVILLE, ILLINOIS

Your Total Energy Supplier

Across the Manager's Desk

By Jim Coleman



Is It Time to Update Your Wiring?

Many people treat electricity far more casually than they should. It's easy to plug in an appliance or flip a switch, so we sometimes forget that the power used to light a lamp or run a washing machine is also strong enough to do physical harm.

Each year, some 1,200 people in the U.S. die by accidental electrocution and in electrically related fires. A book available from the U.S. Consumer Product Safety Commission stresses that many of those deaths could have been prevented if people knew how to maintain their home wiring system.

Using clear illustrations and a problem/solution format, the Home Electrical Safety Check guide lists symptoms of potential electrical hazards, discusses do's and don'ts, and poses questions to help you keep your home safe.

One of the best things you can do to keep your home's electrical system working safely is to have an electrician or electrical inspector check it at least once every 10 years.

Between inspections, it's important for you to do your own checking. The most obvious indication of an electrical problem is a blown fuse in your fuse box or a tripped switch in your electrical panel.

This happens when more electricity is demanded in a certain area than the system was designed to handle. If turning on a particular appliance causes a problem, check to see if you've overloaded the circuit or if the appliance is faulty. If it is, have a professional make repairs.

And whatever you do, don't try to increase its capacity by replacing a blown fuse with a penny or by installing a larger-capacity circuit breaker to remedy a tripped switch. Fuses and breakers are designed to be the weakest link in the system, and if something goes wrong, the problem is confined to the metal box it's in. If you strengthen that link you are, in effect, moving the weak link to inside your walls, where it's invisible and where there are flammable materials.

Don't do it! You'll risk shock or fire.

Many blown fuses and tripped breakers are caused by overloads. Most kitchens, for example, now have far more appliances than they had 20 or 30 years ago. If the circuit hasn't been upgraded, that can cause problems. For example, if you had a toaster that you always plugged into a favorite outlet, it probably worked fine. But if you added a microwave to the same circuit, that might still be fine—until you tried using both at once.

The rest of the house may well be the same way. A large color TV will use more current than the old black and white jobs did, and you may have an "entertainment center" where there was a simple stereo not long ago.

Even if you've been careful not to overload your circuits, electrical problems can still occur. And whether the problem is with a cord, plug, fixture, or outlet, the signs of an electrical hazard are the same—sparks, arcs (bright flashes of light), sizzling or buzzing, shocks, warm plugs or receptacles, or an odor of burned or overheated wiring or insulation. Don't use the problem appliance or lamp until you can have it repaired.

Many electrical problems and accidents can be prevented by using appliances and fixtures only as they were intended to be used. Don't pinch electrical cords by placing them in doorways or under rugs or furniture, and never staple them.

Pull the plug, not the cord, when disconnecting appliances from outlets. And don't overload outlets or extension cords. Avoid using old cords that may be brittle, damaged, or have a low wattage capacity. Keep your lamps and lighting fixtures from overheating by checking to see that bulbs are of the right wattage. Newer fixtures are marked with the size of bulb you need. Although they're not always marked, most older fixtures are designed to use a 60-watt bulb or less.

In addition to using your electrical equipment correctly, you can help prevent electrocution by using ground fault circuit interrupters (GFCIs).

These special outlets or attachments to existing outlets stop the flow of electricity when they detect an electrical current leakage. You could get a shock before the GFCI shuts off, but the unit will prevent serious injury and death. GFCIs should be used in wet areas of the home such as the bathroom, kitchen, basement, garage and outdoor receptacles where the threat of electrical shock is greater.

Learn more about keeping your home wiring system working safely and efficiently.

A Home Electrical Safety Check should help you. Send your name, address and 50 cents to R. Woods, Consumer Information Center - 7B, P.O. Box 100, Pueblo, CO 81002.

(IEC) Memorial Scholarship Fund

The Illinois Electric Cooperatives Memorial Scholarship Fund established by the Association of Illinois Electric Cooperatives (AIEC), Springfield, Illinois, offers two \$1,000 scholarships each year to high school seniors. The AIEC board of directors created this memorial fund in January 1994, to honor deceased members of the electric cooperative family throughout Illinois.

Winners are required to use the scholarship to pay educational costs. They must plan full-time enrollment (at least 12 credit hours) at an accredited two-year or four-year college, university, or vocational/technical school in Illinois, and begin undergraduate studies within a year of being notified they have won.

Scholarships are divided into two categories and the applicant is eligible for only one of the two categories:

- Sons or daughters of members/consumers: Shelby Electric Cooperative will evaluate all entries and submit the best application to the IEC Memorial Scholarship Committee for judging.
- Sons or daughters of employees/directors:

All applications will be forwarded directly to the IEC Memorial Scholarship Committee for judging.

Scholarships are awarded on grade point average, college entrance test scores, work experience, volunteer service, participation in school and community activities, biographical statement and knowledge of electric cooperatives as demonstrated by a short essay.

The scholarship committee will review all applicants and select the semifinalists. The Northern Illinois University scholarship selection committee will select the winner in each category based on criteria supplied by the IEC Memorial Scholarship Committee.

Deadline for receipt of completed applications and submissions is Jan. 1. Scholarship winners will be notified by May 1. Scholarships are for one year and are not renewable.

If you have questions concerning the scholarship fund or would like to make a tax-deductible donation, call Shelby Electric Cooperative at (217) 744-3986 or contact Don Wood at the AIEC in Springfield, phone (217) 529-5561.

Outage Report

Aug. 25 through Sept. 22, 1997

Dates	Cause	Outage/hours
8-23	Animal/bird	.75
8-24	Transformer bad	1.25
8-24	Animal/bird	1.00
8-24	Tree/storm	1.50
8-24	Transformer bad	1.00
8-26	Underground bad	1.00
8-26	Members wiring	.75
8-27	Maintenance/planned work	1.25
8-27	Broken pole	.50
8-27	Broken pole	2.00
8-30	Loose connection	1.50
8-30	Lightning	1.50
8-31	Blown fuse	1.50
8-31	Tree	2.00
8-31	Loose connection	1.25
8-31	Transformer bad	2.00
8-31	Transformer bad	1.50
9-2	Line conversion	1.25
9-2	Broken pole	1.50
9-2	Tree	2.00
9-2	Storm	1.25
9-2	Tree/storm	1.50
9-2	Tree	1.75
9-2	Broken insulator	1.00
9-2	Storm	.50
9-2	Bad insulator	.75
9-3	Trees	1.25
9-5	Trees	1.50
9-5	Trees	1.25
9-6	Members wiring	2.25
9-7	Members wiring	1.50
9-8	Cable Co. hit line	3.00

Dates	Cause	Outage/hours
9-8	Transformer bad	1.25
9-8	Tri-plex burnt	2.25
9-8	Transformer bad	1.25
9-8	Transformer bad	3.00
9-8	Phase burned down	2.00
9-8	Phase down	1.75
9-8	Bad insulator	3.00
9-8	Bad insulator	3.50
9-11	Lightning	.50
9-12	Animal	.75
9-13	Members wiring	1.25
9-15	Bad underground	2.25
9-16	Stinger wire	1.00
9-18	Bad hot line clamp	1.50
9-19	Transformer bad	1.50
9-19	Miscellaneous	1.00
9-19	Transformer bad	2.25
9-20	Miscellaneous	2.00
9-22	Miscellaneous	3.50
9-20	Members wiring	1.00
9-17	Supplier/CIPS	3.25
9-17	Unknown	.75
9-17	Miscellaneous	1.25
9-17	Animal	1.00
9-17	Trees	1.75
9-18	Bad hot line clamp	1.50
9-19	Transformer bad	1.50
9-19	Unknown	1.00
9-19	Transformer bad	2.25
9-20	Members wiring	1.00
9-20	Miscellaneous	2.00
9-22	Unknown	3.50

Season's Greetings

From the Board of Directors and employees of Shelby Electric Cooperative, we wish everyone a safe and happy holiday season!



Protect your family against "range tipping"

An improperly installed free-standing, slide-in or built-in kitchen range can be dangerous, especially to small children. If not properly secured, a range can tilt forward when too much pressure is applied to an open oven door. Not only can a person be injured from the tipped range, but also hot

foods or liquids can cause scalds or burns.

However, an anti-tip device — which can be either floor brackets or clips attached to the wall behind the range — will take care of the problem. If you do not have one, contact your appliance dealer, service dealer or the manufacturer for infor-

mation and assistance.

Remember to:

- Always keep the range door closed when not in use.
- Never use the door as a step stool, seat or as a support for body weight or other objects.

Source: Association of Home Appliance Manufacturers

DIRECTV®



is one gift Santa can leave on the roof!

Make it easy on everyone, and ask for DIRECTV this Christmas. You'll be thrilled with the quality and variety of DIRECTV's 200 channels of crystal clear digital audio and video, including 55 pay-per-view movie channels, and more sports choices than any other television service. And while the DSS dish is small enough to fit under the tree, just tell Santa to leave it on the roof! For satellite TV at its best, call us today.

Shelby Electric Cooperative
P.O. Box 560
Shelbyville, IL 62565
774-3986 or (800) 677-2612

Satellite TV at its best

The best gets even better this month on DIRECTV®

December 1997

Get into the holiday spirit with DIRECTV

Enjoy all the holiday classics, musical favorites

'Tis the season. Time to gather with family and friends around the Christmas tree to sing carols and sit by the hearth for some eggnog. It's also time to snuggle up on the couch and watch your favorite classic holiday programs in crisp digital picture and sound on DIRECTV.

All month, DIRECTV brings you holiday specials on more than 200 channels. Catch the Grinch, Ebenezer Scrooge, George Bailey and his guardian angel Clarence, Charlie Brown and Linus, and some new holiday classics to put you in the Christmas spirit.

Channels like Superstation TBS (ch. 259), The Family Channel (ch. 258), and Superstation WGN (ch. 256) will feature holiday programs all month long. Catch all the

classic holiday films on American Movie Classics (ch. 220), Turner Classic Movies (ch. 221) as well as STARZ! (ch. 225-228) and Encore (ch.230). WAM! (ch. 237), part of the Encore multiplex, has a series of holiday specials for the whole family.



And don't forget Music Choice (ch. 529) for those classic holiday tunes. No more digging out your holiday compact discs and tapes. MuchMusic brings you all the sounds of the season in crisp digital stereo.

So, amid all the hustle and bustle of the season, take time to sit back, relax and enjoy everything DIRECTV has to offer. It's your Home for the Holidays.



Channel Chooser

Relive those old sports memories on Classic Sports Network.

Remember those championship sports events you saw when you were a kid? Well, you can see them again. It's time to get nostalgic with Classic Sports Network (ch. 305), the ultimate channel for sports fans that includes unforgettable past Super Bowls, World Series, Stanley Cups, NBA Finals and heavyweight championship fights. Classic Sports Network is the first 24-hour, all-sports "hall of fame" on television, with the greatest games, the most memorable stories and the biggest names in sports history. Tune in to Classic Sports Network, where every game, match and race is the event of the year.



This newsletter, for DIRECTV subscribers only, is brought to you by:

**Shelby Electric
Cooperative
P.O. Box 560
Shelbyville, IL 62565
(800) 677-2612
or 774-3986**

