



PO BOX 66529  
SAINT LOUIS MO 63166-6529



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System 24  
1-800-552-7583

System 24  
1-800-552-7583

System 24  
1-800-552-7583

James  
Mailing



2001

# After 99 years, one thing never gets old.

*It's our commitment to being a company you can count on to help you and your community. That's been our mission since the first day of business 99 years ago. See the back for a few more of our convenient services.*

**Payment Options** give you a variety of choices. Budget Billing distributes your monthly payments evenly. And, Direct Pay automatically makes your monthly payment from your bank account.

You can even view and pay your bill via the Internet. For more information, or to enroll, go to [www.ameren.com](http://www.ameren.com).

To order a payment options brochure, call 314-342-1111 (Metro St. Louis) or 1-800-552-7583 (outside metro area).

**Dollar More** helps over 82,000 local low-income families pay their energy bills. The collected funds are distributed through United Way. To give, check the "Dollar More" box on your bill, or send tax-deductible contributions to P.O. Box 14507, St. Louis, MO 63178-0507.

**Customer Service Center** for billing and general inquiries is available from:

Monday through Friday: 6 a.m. to 10 p.m.

Saturday: 7 a.m. to 5 p.m.

As always, we're here 24 hours, 7 days a week for emergency and outage calls.

**Address Labels Enclosed.** Use your set of our always-popular labels to make mailing your AmerenUE payment easier than ever.

*Questions? For more information on AmerenUE services, call 1-800-552-7583 or visit [www.ameren.com](http://www.ameren.com).*



Printed on recycled paper. Please recycle.

R O D G E R S



T O W N S E N D

Ameren  
Smart Lights/UE Version  
"Slide"  
5/4/98

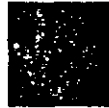
ANNCR: Why does AmerenUE provide funds to help communities  
light up public areas at night?

Because sometimes there's just not enough hours in the day.

(SUPERS)

The Smart Lights program. Helping communities improve public  
lighting. AmerenUE. We're Always There.

R O D G E R S



T O W N S E N D

TV

AMERENUE

Do The Right Thing

"Lightbulb/Thermostat"

1/18/00 As Produced

:15

BOY: Sponsored by Ameren UE.

GIRL: Who reminds you to do the *right* thing by conserving energy.

Use energy efficient lightbulbs.

BOY: Set your heating thermostat at the lowest comfortable setting.

BOTH: Do the right thing. Conserve energy.

R O D G E R S



T O W N S E N D

TV

AMERENUE  
Do The Right Thing  
"Lightswitch/Stove"  
1/18/00 As Produced  
:15

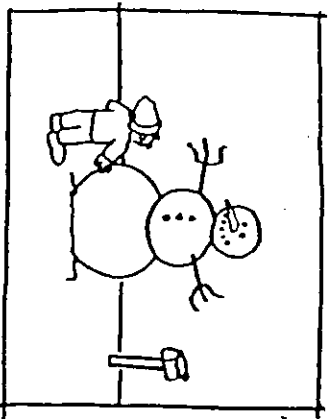
BOY: Sponsored by Ameren UE.

GIRL: Who reminds you to do the right thing by conserving energy.

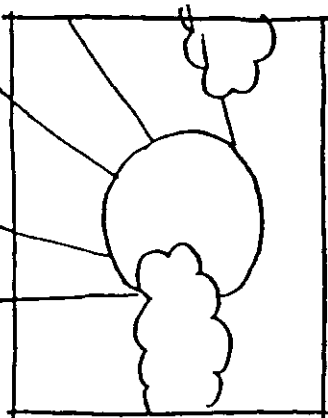
Turn off the lights when you leave the room.

BOY: Buy appliances with high energy efficiency ratings.

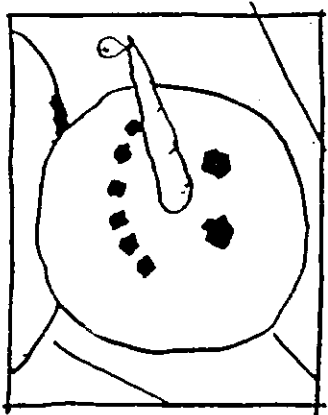
BOTH: Do the right thing. Conserve energy.



open on kid (six to nine years old?) putting the finishing touches on snowman



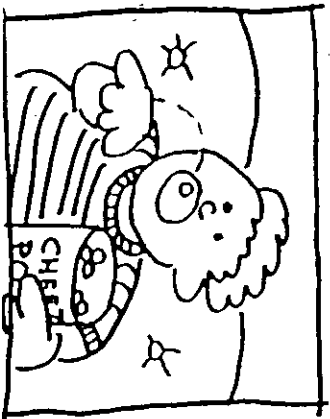
as he positions the last charcoal button a drop of water hits his hand—he looks up and we cut to see the sun breaking through the clouds



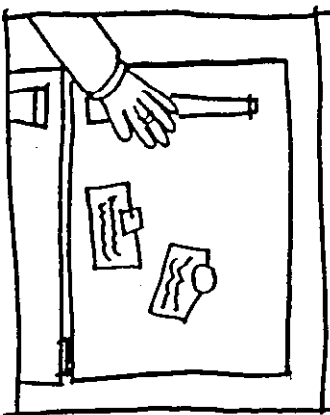
cut to snowman headshot, a droplet of water catches the sunlight at the end of his already slumping carrot nose



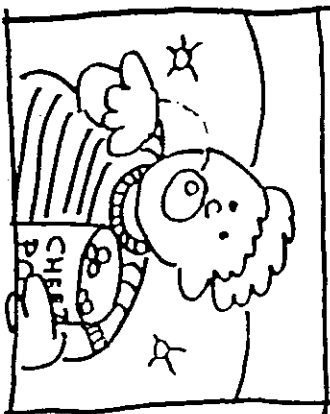
cut back to kid, his face shows concern then he hatches a plan and trots off toward the house—as the sound of his footsteps through the snow fade.



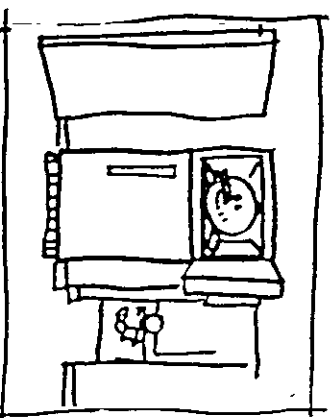
we cut to later that evening—it's the same kid eating cheese puffs on the couch watching TV



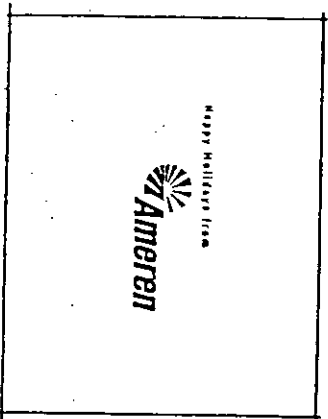
we cut to the kitchen where we see his mom reaching for the freezer door handle



as she begins to pull we cut back to kid on couch just as we hear a startled shriek from the kitchen—the kid momentarily pauses, then resumes munching his puffy, cheesy snacks



a cut back to the kitchen reveals an open freezer compartment with the snowman's head wedged in amongst the frozen peas and ice cream sandwiches.



cut to end card.

Happy days from Ameren.

R O D G E R S



T O W N S E N D

## TELEVISION

AMEREN  
4th Quarter TV  
"Bump In The Night/UE"  
:30

TIGHT ON SERIES OF NIGHTLIGHTS.

VO: At AmerenUE, we have programs in place to help the environment...

improve neighborhood safety...attract new businesses and jobs...

even help students pay for college.

But of course, all that's nothing compared to our ability to chase away

things that go bump in the night.

CUT TO LOGO AND TAG.

VO: AmerenUE. We're always there.

R O D G E R S



T O W N S E N D

## TELEVISION

Ameren  
Environmental TV  
"Yours and Ours" :30  
4/15/99

OPEN ON KIDS OUTDOORS. DISSOLVE THROUGH VARIOUS SCENES OF  
KIDS RUNNING, JUMPING, PLAYING AND ENJOYING NATURE.

VO:           Your kids climb the same trees as ours.

                  Yours play in the same streams as ours.

                  Yours breathe the same air as ours.

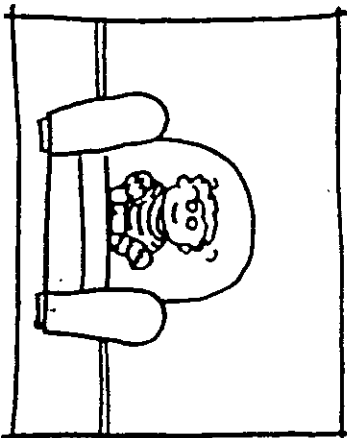
                  So, when we tell you Ameren is doing everything we're asked—and  
                  more—to protect the environment, you don't have to look far to see  
                  the reasons why...

                  ...yours and ours.

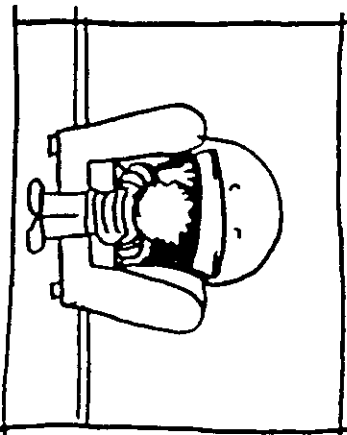
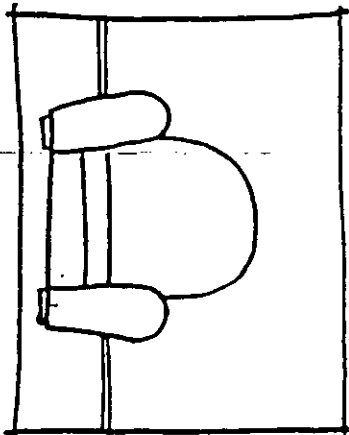
SUPER:       AmerenUE (AmerenCIPS)



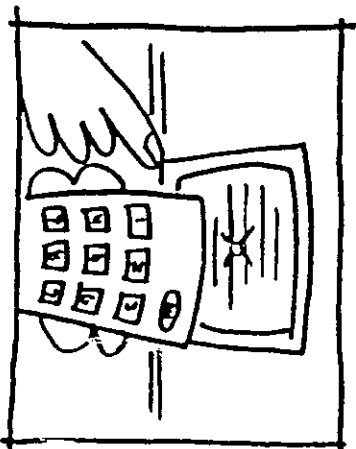
# AmerenUE - Do the Right Thing Ice Cream Truck :15



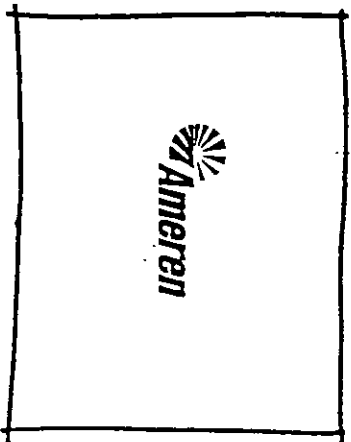
Open to a kid sitting in an overstuffed chair. He's pretty entranced by TV as it's just another lazy summer afternoon. In the distance we hear the unmistakable music of the ice cream truck. Our kid reacts subtly at first, making sure he's hearing what he's hearing. Then, in a mad scramble, he bounds out of the chair and trots out of frame.



As his excited footsteps trail away, we hear the front door opening. And then, curiously, we hear the kid running back. He wrestles the seat cushion up (maybe cut to a under the cushion shot of coins, lint, a long lost corn chip, then the remote control for the TV), he grabs the remote.



aims it at the TV and turns it off.  
Then off he goes again in pursuit of the ice cream truck.



SUPER : Ameren logo

VO: Ameren reminds you that conserving energy is a great way to do the right thing.

**SCRIPT**

**"DELIVERY"**

**SFX:**       **SOUNDS ASSOCIATED WITH A LABOR AND DELIVERY ROOM  
AT A HOSPITAL.**

Beep...beep...beep...

**DAD:**       **Remember the short breaths? Just short breaths.**

Beep...beep...beep...

**NURSE:**   **She's doing fine.**

Beep...beep...beep...

**DAD:**       **What about a focal point? Do you have your focal point?**

Beep...beep...beep...

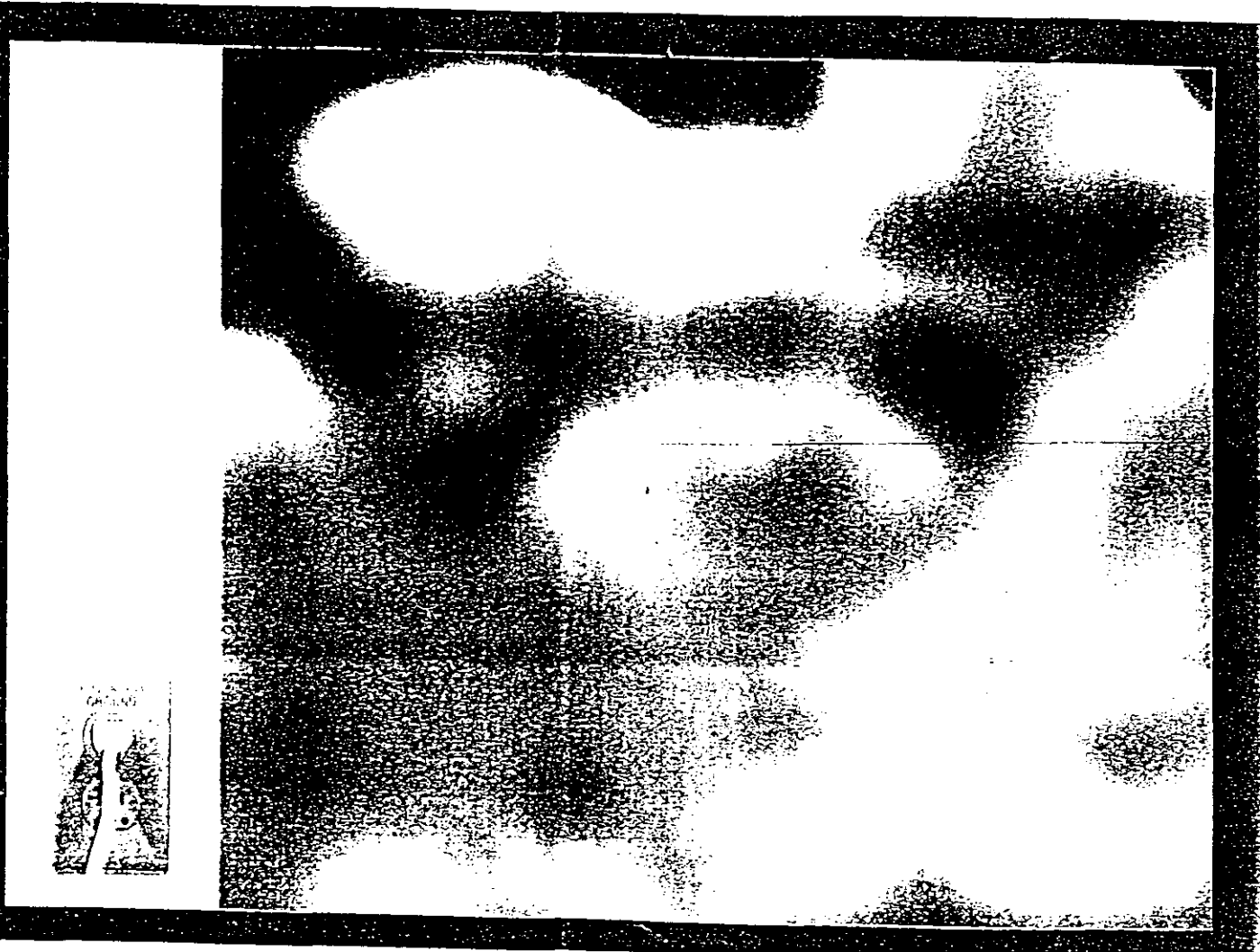
**DOCTOR:** **Okay...Let's do this. You about ready?**

**DAD:**       **She's looking for her focal point.**

**NURSE:**   **She's ready.**

**DOCTOR:** **Okay...**

**YO:**       **Life. Powered by Ameren.**  
**AMEREN LOGO UP**



**SCRIPT**

**"GARAGE BAND"**

**SFX:           SOUNDS ASSOCIATED WITH TEENS PLAYING ELECTRIC  
INSTRUMENTS IN THEIR GARAGE**

**(DRUM SOLO IN PROGRESS)**

**(SCREECHING GUITAR ENTERS)**

**(VOCALS ENTER)**

**(SCREECHING GUITAR CONTINUES)**

**(WITH A CRASH, SONG ENDS)**

**GUY 1:       Cool. Let's do it again.**

**GUY 2:       Yeah.**

**(SCREECHING GUITAR)**

**VO:       Life. Powered by Ameren.  
AMEREN LOGO UP**



**SCRIPT**

**"ALARM CLOCK"**

**SFX:** SOUNDS ASSOCIATED WITH SOMEONE IN BED, BESIDE HIS BEDROOM WINDOW, AT DAWN.

*ZZZZZZZZ...*

*ZZZZZZZZ...*

*ZZZZZZZZ...*

**DOG BARK IN DISTANCE**

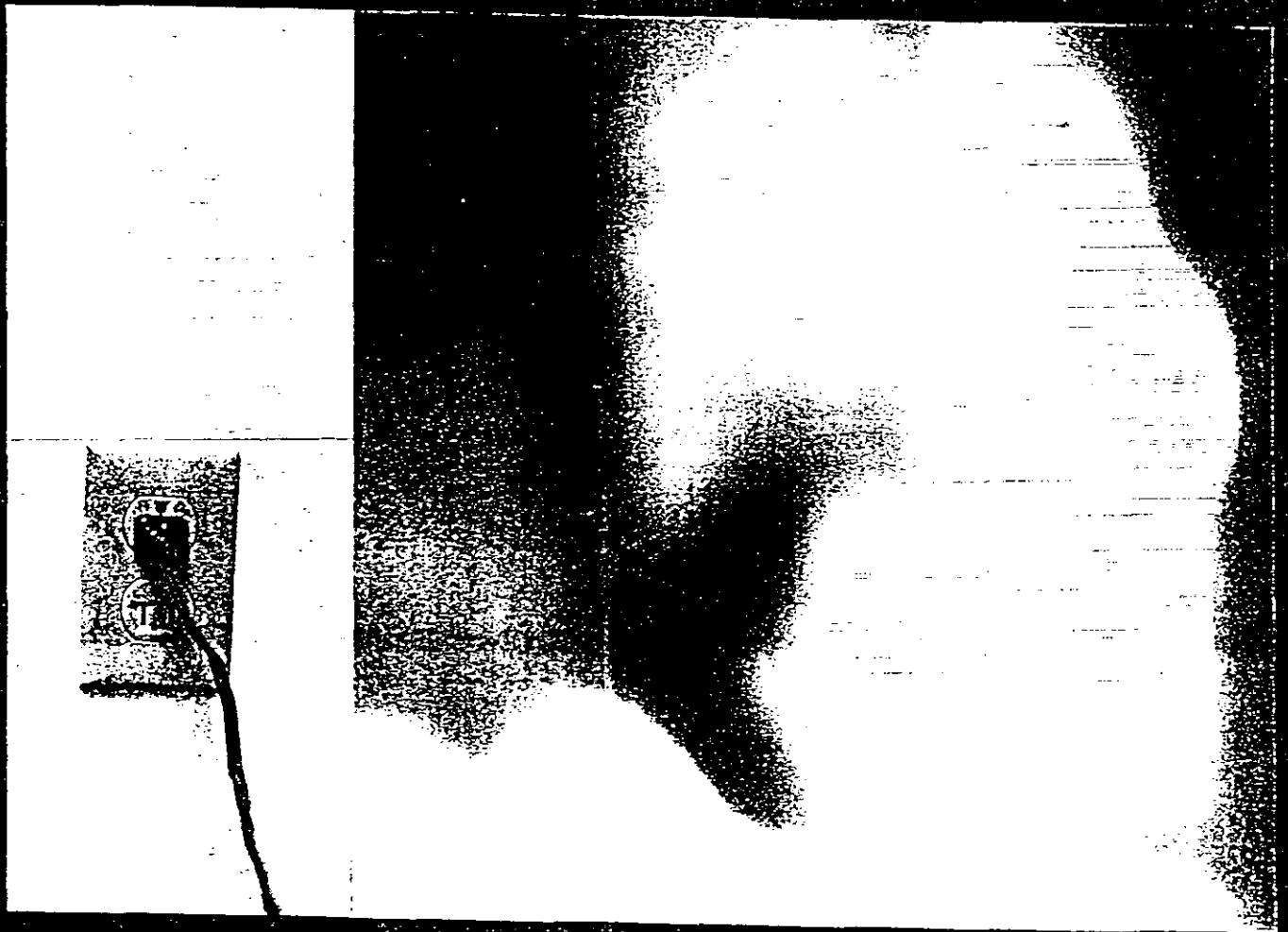
*ZZZZZZZZ...*

*ZZZZZZZZ...*

**CLOCK RADIO:** CLICK! "...but first let's go to Skycopter 7. Franko? How's it look out there?"

**MAN SITS UP:** Ugghhh...

**VO:** Life. Powered by Ameren.  
AMEREN LOGO UP



Radio

R O D G E R S



T O W N S E N D

**AMERENUE**

**"SmartLights Outfield/Concert"**

**:60**

**7/16/99**

**As produced**

SFX: NIGHTTIME AMBIENCE; ALUMINUM BAT HITS BALL

GUY: I got it . . . I got it. I got it. I . . .

SFX: BALL HITS HIM ON THE HEAD; HE HITS THE GROUND;  
CROWD GOES "Ooooooh."

GUY: . . . got it.

ANNCR: If there's a park, ballfield, playground or other public space in your community that could use better lighting, have your neighborhood group or not-for-profit organization call AmerenUE to apply for a SmartLights grant. Call 1-800-552-7583. AmerenUE. (MUSIC)  
We're always there.

[PAUSE]

SFX: NIGHTTIME AMBIENCE; CLASSICAL MUSIC

MAN: (Sigh) These Concerts in the Park are so romantic. Being here with you. Under the stars. Barely enough moonlight to see. And yet, I feel your presence next to me. Breathing the same air. Our inner spirits perfectly aligned. Oh, Sally . . .

MAN2: Sally? Who's Sally? Let go of my hand! Security!

ANNCR: If there's a park, ballfield, playground or other public space in your community that could use better lighting, have your neighborhood group or not-for-profit organization call AmerenUE to apply for a SmartLights grant. Call 1-800-552-7583. AmerenUE. (MUSIC)  
We're always there.



R O D G E R S

T O W N S E N D

**AMERENUE**

**"SmartLights Night Vision/Pepper"**

:60

7/16/99

As produced

SFX: DOORBELL

WOMAN: Oh, it's the good-looking guy I met at the park last night!

SFX: OPENS DOOR

WOMAN: GASPS; GROANS

SFX: SLAMS DOOR

ANNCR: If there's a park, ballfield, playground or other public space in your community that could use better lighting, have your neighborhood group or not-for-profit organization call AmerenUE to apply for a SmartLights grant. Call 1-800-552-7583. AmerenUE. (MUSIC)  
We're always there.

[PAUSE]

SFX: DOOR OPENS; CLOSES; DOG PANTING, COLLAR JINGLING

WOMAN: Good boy, Pepper. You like walking in the park at night, don't you? Yes, you do. Oh, you're such a good boy. Hold on, let me turn on the light.

SFX: PULLS CORD ON LAMP

WOMAN: Hey. You're not Pepper. (SFX: Grrrrr.)

ANNCR: If there's a park, ballfield, playground or other public space in your community that could use better lighting, have your neighborhood group or not-for-profit organization call AmerenUE to apply for a SmartLights grant. Call 1-800-552-7583. AmerenUE. (MUSIC)  
We're always there.

R O D G E R S



T O W N S E N D

RADIO

Ameren  
Direct Pay/Tree of Lights  
"Jane and Fred" :60  
REVISED 11/1/99

(HOLIDAY MUSIC UP AND UNDER)

ANNCR 1: Thanks to the time she saved using Direct Pay to pay her AmerenUE bill, at a holiday party last year, Jane was able to linger just long enough under the mistletoe for Fred to notice. (SFX: LIP SMACK)

Well, as you can imagine, that innocent peck on the cheek ignited love's eternal flame. Jane and Fred started dating, talk of marriage soon followed, a date was set, Jane picked out a dress, Fred bought the rings, the ceremony was beautiful, the honeymoon was great; they bought a house, moved in, and are now expecting twins any day now...all thanks to Direct Pay from AmerenUE.

Of course, we're not saying that the time you save having your AmerenUE bill paid directly from your checking or savings account thanks to Direct Pay will change you life the way it did Jane and Fred's...but you never know. (SFX: LIP SMACK)

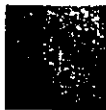
ANNCR 2: Sign up for Direct Pay before January 31<sup>st</sup>, 2000, and AmerenUE will donate \$10 to the Salvation Army Tree of Lights. To sign up—and help the Salvation Army—call 1-800-555-5555.

AmerenUE. We're always there.

Ameren Radio  
"Powered By Ameren/Mildred"

- SFX: (VARIOUS SOUNDS FROM AN OLD TV SHOW, CUT TOGETHER, BACK TO BACK. WE HEAR THE HOST OF THE SHOW, AND OLD MUSIC THAT IS ALWAYS SWEET, GENTLE AND POLITE.)
- VO: (SONG ENDS)
- VOICE: Thank you, thank you, bootiful, bootiful. Now your favorite, Hans and his alpine horn!
- SFX: (APPLAUSE)
- SFX: (MUSIC CHANGES TO A TANGO)
- SFX: (MUSIC CHANGES TO SALSA)
- SFX: (MUSIC CHANGES TO A CHA-CHA-CHA)
- VOICE: "Let's welcome Doug Davis, singing, *You're Not Just My Pal, You're My Gal.*"
- SFX: (APPLAUSE)
- VO: Mildred looks forward to one thing every day.
- VOICE: "It's the Lawrence Lanier Hour, with the Lady Lanier Singers and their guests!" (THEME MUSIC BEGINS)
- VO: Reruns of the Lawrence Lanier Hour, filmed live from the Crystal Ballroom in Flynt, Michigan.
- SFX: SINGERS: Oh melancholy moon, did you see us kissing...  
Under the bamboo tree...
- VO: Mildred's weeknights. Powered by television.  
Television. Powered by AmerenUE/CIPS.
- VOICE: You folks at home! Let's all sing along!

R O D G E R S



T O W N S E N D

Ameren Radio

"Powered By Ameren/Fran's/Revised"

SFX: SOUNDS OF A BUSY DINER ON SATURDAY MORNING.

SIZZLING SKILLETS...TOASTERS POPPING UP...

JUKEBOX PLAYING...

AND ONE WAITRESS YELLING ORDERS BACK TO THE COOKS.

FRAN: You're finished, Pete. Goodbye.

ROB: Morning, Fran.

FRAN: Hurry up.

ROB: Pancakes, bacon...

FRAN: Got sausage.

ROB: Wheat toast...

FRAN: Got white.

ROB: And a glass of grapefruit juice.

FRAN: (YELLING) A number 4 with Orange!

VO: Rob starts ever Saturday with breakfast at Fran's.

GUY2: Can I get some more coffee?

FRAN: Forget it.

VO: For his weekly dose of her famous pancakes.

FRAN: Number 4!

VO: And her award-winning personality.

ROB: *Fran...I'm still hungry.*

FRAN: *You don't say.*

ROB: *Could you bring me some hash browns?*

FRAN: *No. Got fries.*

ROB: *Could you bring me some cereal?*

FRAN: *No. Got grits.*

ROB: *Anything you'd recommend?*

FRAN: *Sure.*

ROB: *What's that?*

RAN: *The bill.*

ROB: *I'll take it.*

VO: Saturday mornings. Powered by Fran's.

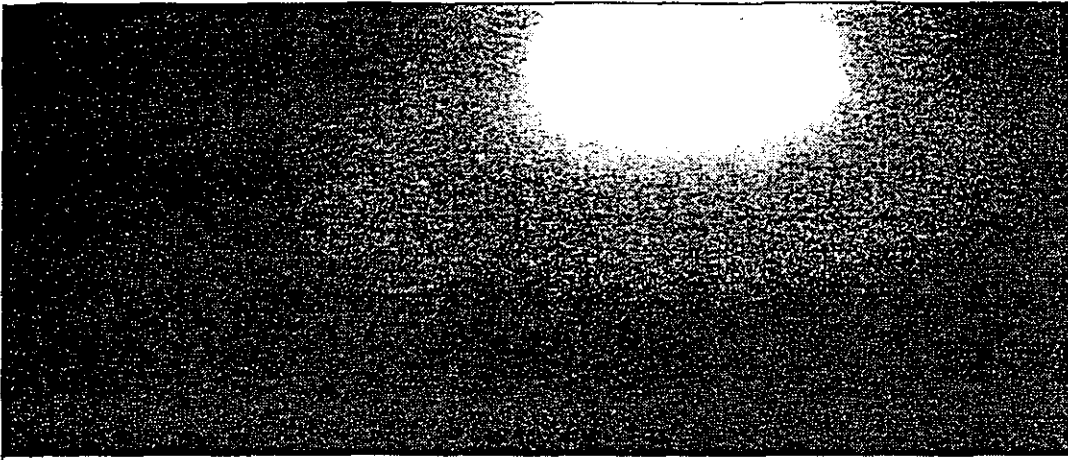
FRAN: You've got a napkin for a reason.

VO: Fran's. Powered by AmerenUE/CIPS.

ROB: Thanks Fran.

FRAN: Sure. Here's a mint. There's the door.

ROB: Oky-doke.



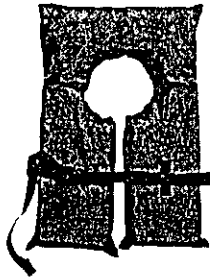
*Your community's  
nightlight.*

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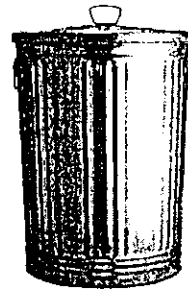
AMERENUE SMARTLIGHTS PROGRAM.

**W**e're not promising to play watchdog in the public areas you enjoy the most, but we can help to add a sense of security to them. For over 100 years, we have developed programs to improve communities like yours. Our commitment to positive community change continues with the AmerenUE SmartLights program. This program provides funding to qualified not-for-profit and community organizations for energy-efficient lighting equipment to enhance public parks, community areas, recreational fields, etc. To be eligible for funds, groups within the AmerenUE service area must submit a completed SmartLights application and proposal plan for energy-efficient lighting by September 30, 2000. For more information or a SmartLights application, visit us on the web at [ameren.com](http://ameren.com) or call 314-554-6441 or toll-free 1-877-4AMEREN, ext. 46441. Together we can make your community a better and brighter place to live.





THIS COULD  
SAVE YOUR LIFE.



THIS COULD  
SAVE OUR LAKE.

ADOPT THE SHORELINE AND GIVE SOMETHING  
BACK TO THE LAKE THAT GIVES YOU SO MUCH.

Join hundreds of volunteers in their effort to keep the Lake of the Ozarks shoreline safe and clean. Approximately 500 miles of lakefront are now being maintained. However, 600 miles still remain up for adoption under Ameren's Adopt-The-Shoreline program at the Lake of the Ozarks. We'll supply trash bags and up to \$200 in disposal costs for every 5 miles of shoreline. Let's do something good for the lake that's so good to us. Call AmerenUE's Shoreline Protection Hotline at 573-365-9310 or visit our website at [www.ameren.com](http://www.ameren.com).



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AMEREN UE "SAVE YOUR LIFE" -- VARIOUS PAPERS

333A-1

R O D G E R S T O W N S E N D

PREPARED 5/8/2001

SIZE: 5 1/2" x 10"

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WE'RE HAPPY TO HELP  
BRIGHTEN THE FUTURE FOR  
ONE HUNDRED STUDENTS.

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*T*his year, Ameren will fund 100 college scholarships, each worth \$2,500. The scholarships are need-based and are available to qualified students from among our AmerenUE and AmerenCIPS customers. To be eligible, applicants must be enrolling full-time and seeking an associate or baccalaureate degree at an accredited Missouri or Illinois college.

For an application, send a self-addressed stamped envelope to The Scholarship Foundation, 8215 Clayton Road, St. Louis, Missouri 63117. Application deadline is April 16, 2001. Recipients will be notified by the first week of June. For more information, call The Scholarship Foundation at 314-725-7990, or e-mail them at [schlrshpfd@stlnet.com](mailto:schlrshpfd@stlnet.com). Employees and dependents of Ameren and The Scholarship Foundation are not eligible.



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AMEREN UE - SCHOLARSHIP AD 2001 "WE'RE HAPPY"

AC01073AU1

R O D G E R S  T O W N S E N D

PREPARED 1/29/2001

SIZE: 5 1/2" x 10" B&W



*Ameren UE funds*  
**100 COLLEGE SCHOLARSHIPS.**

**In this case,  
POWER IS KNOWLEDGE.**

*A*s part of a four-year, \$1 million commitment to education, Ameren recently provided one hundred \$2,500 scholarships awarded through The Scholarship Foundation of St. Louis. Recipients, some of whom are listed below, live in the Ameren service area and will attend accredited Missouri or Illinois colleges. Many are recent high school graduates; others are adults returning to school. But to each worthy recipient, whether you're 18, 50-plus, or some age in between, we say congratulations. Go for it. And more power to you.

Tony Amstutz	Candice Love
Stephen Anderson	Jared Marshall
Trenton Bromley	Abbey McAdow
Olta Cuci	Jeffrey Merkel
John Cunningham	Pamela Moore
Desi Dennis	Amanda Sue Presley
Erin Fenton	Jimmy Reece
John Fesler	Casey Reid
Felicia Flinn	Brandi Rhodes
Stacey Foster	Candace Robison
Roshonda Franklin	Matthew Sanders
Laurie Goldring	Brianne Shew
Shawn Hilleary	Kelly Sullivan
Chanita Holman	Kathy Tucker
Serifa Hozdic	Sonja Underwood
Edina Jasarevic	Bruce Walker, Jr.
Aaron Karstetter	Nina Wilkes
Nathan Kitzman	Joseph Winner
Yelena Lapteva	Hope Wolverton



AMEREN UE "2000 SCHOLARSHIP WINNERS"

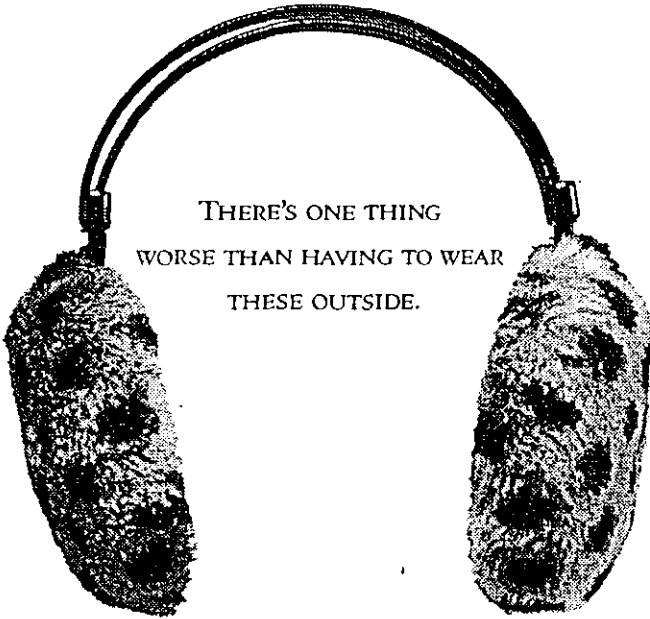
AC00311AU-1

RODGERS TOWNSEND

PREPARED 7/20/2000

SIZE: 5/8 x 10"

Schedule 4-25



THERE'S ONE THING  
WORSE THAN HAVING TO WEAR  
THESE OUTSIDE.

HAVING TO WEAR THEM INSIDE.

With natural gas prices on the rise, and temperatures beginning to fall, the less fortunate in this area have never needed our help more. So please check the Dollar More box on your next AmerenUE bill. Your contributions, combined with ours, will be used to pay the energy bills of needy families this winter. In other words, your warmth will help provide others with heat.



©2000 Ameren Corp

AMERENUE "EARMUFFS"

AC00427A1

RODGERS TOWNSEND

PREPARED 10/25/2000

SIZE: 52" x 10" B&W

# SHUT THE DOOR!

## AND OTHER ENERGY-SAVING TIPS

Your parents were right. Keeping doors and windows tightly shut is an important and easy way to keep heat in its place. And energy bills in check. Here are some other simple things you can do: Lower your thermostat a few degrees. Every degree results in a savings of about three percent. To boost the energy efficiency of windows, open drapes and shades during the day, and close them at night. To help keep your furnace running smoothly, change the filter every month. And be sure to weather-strip and caulk doors and windows. A well-caulked, weather-stripped home can result in savings of up to 30 percent. By taking these simple steps, you'll save energy. You'll save money. And your parents will be very proud. For more information on making your home energy efficient, visit us on the web at [www.ameren.com](http://www.ameren.com).



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AMEREN UE - WINTER ENERGY TIPS 2000 "SHUT THE DOOR"

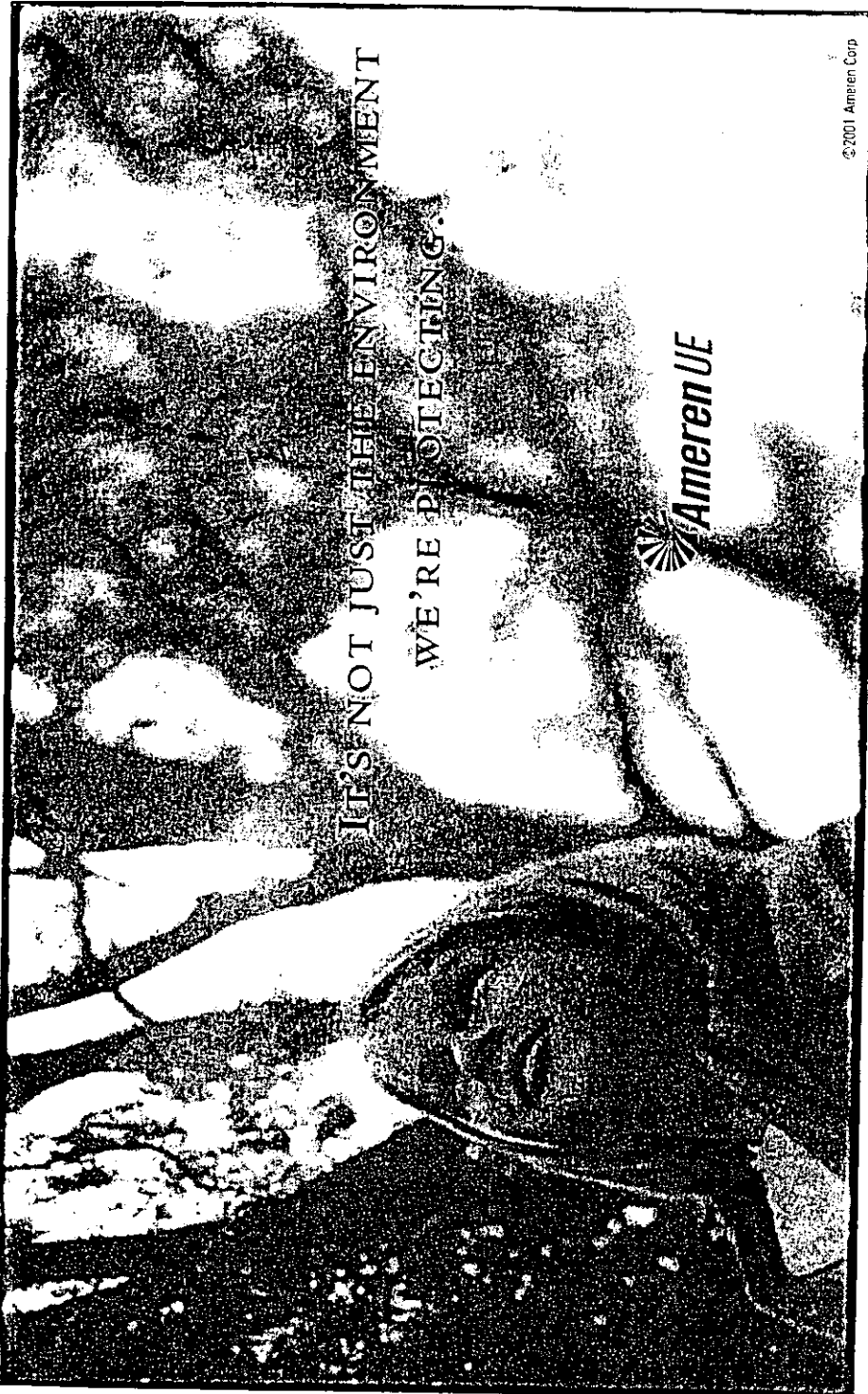
AC00419AU

RODGERS TOWNSEND

PREPARED 10/17/00

SIZE: 5 1/2" x 10"

Schedule 4-27



IT'S NOT JUST THE ENVIRONMENT  
WE'RE PROTECTING.



©2001 Ameren Corp

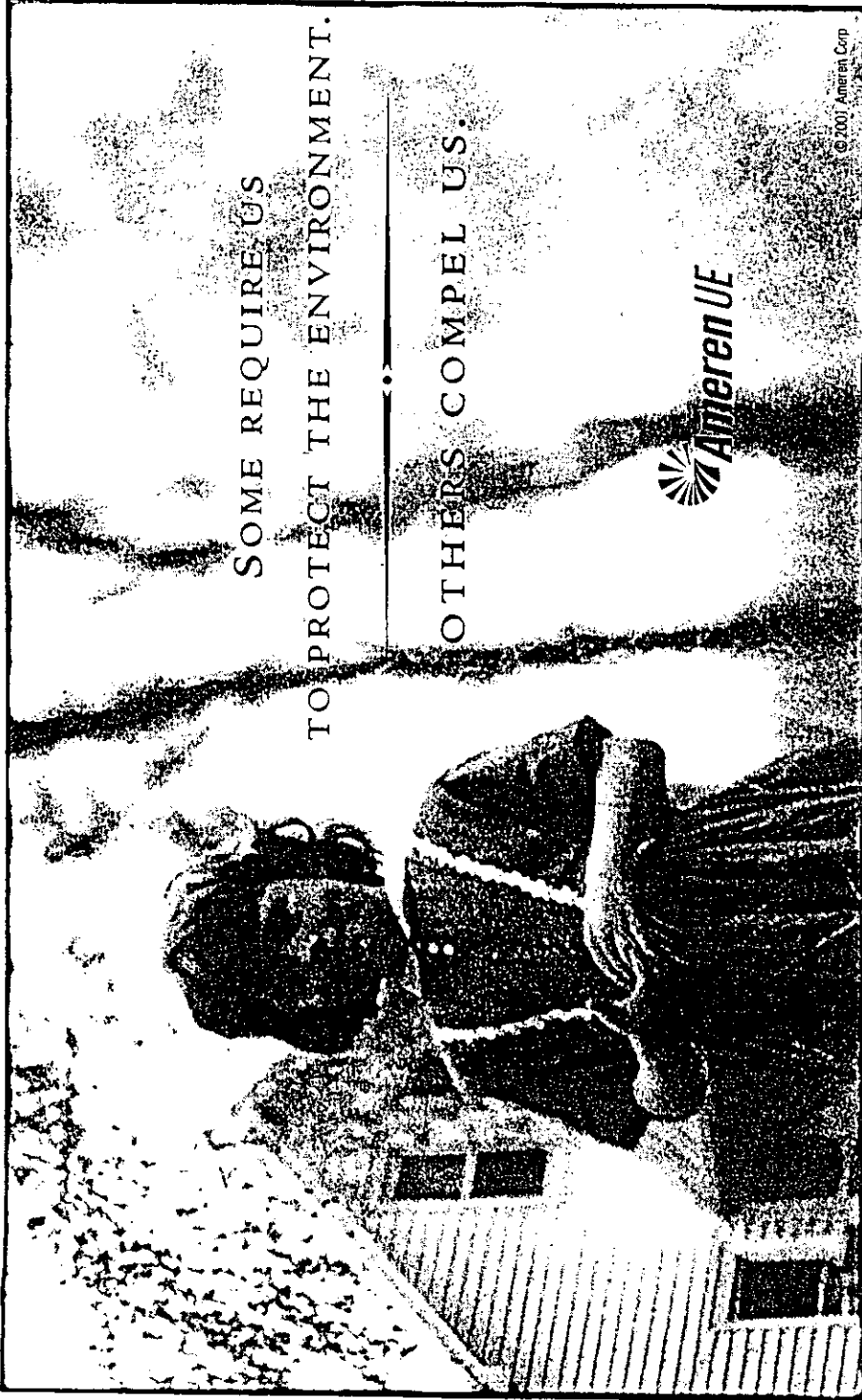
AMEREN UE "PROTECTING" - VARIOUS NEWSPAPERS

330BU1

R O D D G E R S T O W N S E N D

PREPARED 4/24/2001

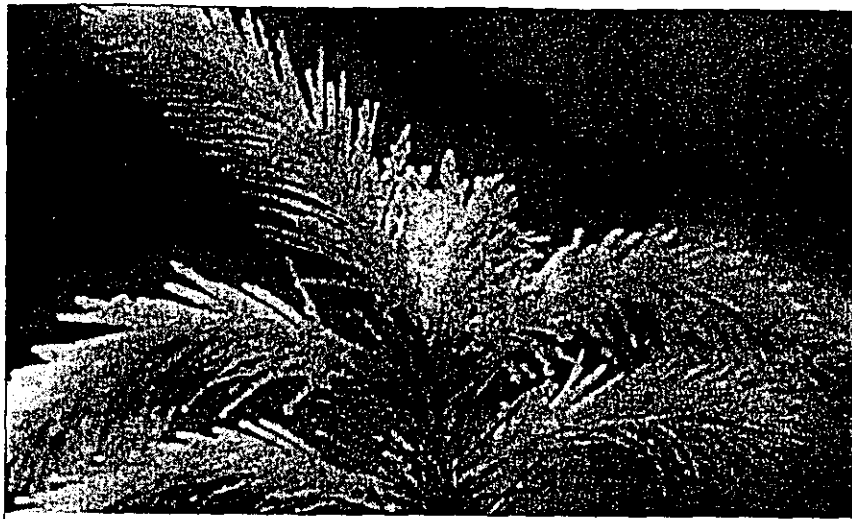
SIZE: 8" x 6"



AMEREN UE "OTHERS COMPEL US" - VARIOUS NEWSPAPERS

330AU1

R O D G E R S T O W N S E N D



*Our newest*  
**POWER PLANTS**  
*are just around the corner.*

---

AMERENUE GREENLEAF GRANTS.

*I*t may be January, but we're already thinking spring. Because once again we're giving non-profit groups the power to plant trees and shrubs. This year, we're giving away a total of \$60,000 in GreenLeaf Grants. To be eligible, your organization must hold a tax-exempt status, be a current AmerenUE customer in qualifying Missouri and Illinois counties and plant the trees and landscaping on public property within the AmerenUE service area. This year's deadline is March 3, with grant winners announced in plenty of time for the spring and summer planting season. So call us toll-free at 1-877-4AMEREN ext. 46441. Or, for an online application, visit our website at [www.ameren.com](http://www.ameren.com).



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AMERENUE "POWER PLANTS"

AC01042AU1

R O D G E R S  T O W N S E N D

PREPARED 1/11/2001

SIZE: 5 1/2" x 10"

ALL THE HARD HATS AND  
STEEL-TOED BOOTS IN THE WORLD  
CAN'T DO AS MUCH AS A SINGLE  
PHONE CALL.

Wherever you work, whatever the job, please be  
aware of high voltage. Whether it's an earth  
mover or just a ladder, an auger or just a shovel,  
contact with power lines is always dangerous  
and often fatal. Regardless of how big or how  
small the job at hand, call 1-800-DIG RITE for high  
voltage information. At Ameren, we understand  
that you've always got a job to do. And we're  
always there to help you get it done safely.



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WWW.AMEREN.COM

AMEREN UE "HARD HATS" - LABOR TRIBUNE

~~AC8803541~~ AC01076

R O D G E R S T O W N S E N D

PREPARED 4/18/2000

SIZE: 6 1/4" x 10" B/W

Schedule 4-31



# WARNING!

Overhead power lines can be dangerous. Even fatal. So be sure to avoid them when you're handling kites, model airplanes, pool skimmers and other outdoor toys and equipment. Because it's more fun when you play it safe.



*We're always there.*

Presented in the interest of public safety. [www.ameren.com](http://www.ameren.com)

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AMEREN UE "WARNING!"

AC00007BU1

R O D G E R S  T O W N S E N D

PREPARED 1/13/2000

SIZE: 3 1/4" x 8"

Schedule 4-32





# HAZARD!

If you come in contact with an underground power line, the results could be fatal. So please be careful with shovels, landscaping tools and construction equipment. If you're not sure where the power lines are in your area, call 1-800-DIG-RITE.



*We're always there.*

Presented in the interest of public safety. [www.ameren.com](http://www.ameren.com)

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AMEREN UE "HAZARD!"

AC00007AU1

R O D G E R S  T O W N S E N D

PREPARED 1/13/2000

SIZE: 3 1/4" x 8"



# CAUTION!

If you or something you're carrying comes in contact with an overhead power line, the results could be fatal. So please be careful with ladders, pool skimmers, tree pruners and other outdoor equipment. Thank you for working safely.



*We're always there.*

Presented in the interest of public safety. [www.ameren.com](http://www.ameren.com)

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AMEREN UE "CAUTION!"

**AC00007CU1**

R O D G E R S  T O W N S E N D

PREPARED 1/13/2000

SIZE: 3/4" x 8"

Schedule 4-34

## WHAT'S THAT SMELL?

---

If it smells like rotten eggs it could be a natural gas leak. So, whatever you do, don't light a flame or use electrical equipment. Open the windows and leave the area. Then call AmerenUE at 1-800-552-7583. To prevent carbon monoxide buildups, check chimneys and gas appliance vents at least once a year. And before doing any digging, call JULIE (Joint Utility Location Information) at 1-800-892-0123.

---



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AMEREN "GAS SAFETY" - JULIE - VARIOUS PUBLICATIONS

AC01074B1

R O D G E R S T O W N S E N D

PREPARED 2/5/01

SIZE: 5 1/2"x10" B&W

c85r10s

c85r10s blk.jtt

20792 AC01074B1 Julie-PI

K

# WHAT'S THAT SMELL?

If it smells like rotten eggs it could be a natural gas leak. So, whatever you do, don't light a flame or use electrical equipment. Open the windows and leave the area. Then call AmerenUE at 1-800-552-7583 or in Jefferson City at (573) 635-0171. To prevent carbon monoxide buildups, check chimneys and gas appliance vents at least once a year. And before doing any digging, call 1-800-DIG-RITE.



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AMEREN "GAS SAFETY" - DIG RITE - VARIOUS PUBLICATIONS

AC01074A1

RODGERS TOWNSEND

PREPARED 2/5/01

Schedule 4-36



**KEEP SHINING.**

**AMEREN IS PROUD TO SUPPORT THE REPERTORY THEATRE OF ST. LOUIS.**



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AMEREN "KEEP SHINING" CURTAIN- THE REPERTORY THEATRE OF ST. LOUIS

**477A1**

R O D G E R S T O W N S E N D

PREPARED 6/11/2001

SIZE: 7"x10"

c133r10s

c133r10s blk.itt

21885-A1-P1

K

EVEN WE WISH WE HAD THAT MUCH ENERGY.



...the Villains





Ameren is happy to be a sponsor of the Fair Saint Louis Family Fun Day



ameren.com



AMEREN UE 100% GOLF SERVICE PROGRAM

325A1

RODGERS TOWNSEND

PREPARED 12/2001

SITE: 100% GOLF SERVICE PROGRAM



*Community*

...the legs.  
...can do for the soul.

...sponsored by AIDS Walk St. Louis 2001. AmerenUE thanks you for participating.

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AMERENUE WALKING IS GOOD

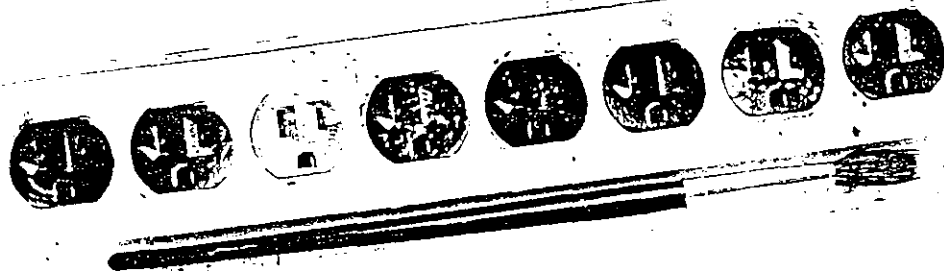
AC01153A1

R O D G E R S  T O W N S E N D

PREPARED 3/23/2001

SIZE: 8 1/2" x 11" TRIM 11 1/2" x 16 1/2" BLOODLINE 8 1/4" x 9 1/4" BLEED 4 COLOR





PROUD SPONSOR OF THE SAINT LOUIS ART FAIR.

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[www.amerenu.com](http://www.amerenu.com)

AMEREN UE "WATER COLOR" - ST LOUIS ART FAIR

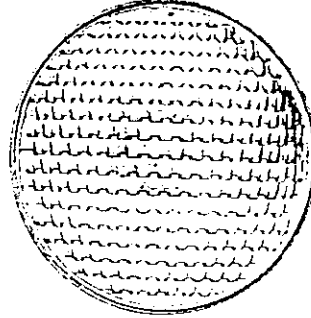
AC00315A1

R O D G E R S  T O W N S E N D

PREPARED 8/3/2000

SIZE: 9" x 10" 4-COLOR

Schedule 4-41



**Just a reminder.  
No one goes  
anywhere until  
we say so.**

*Ameren is a proud sponsor of the Gateway International Raceway.*



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AMERENUE "JUST A REMINDER"

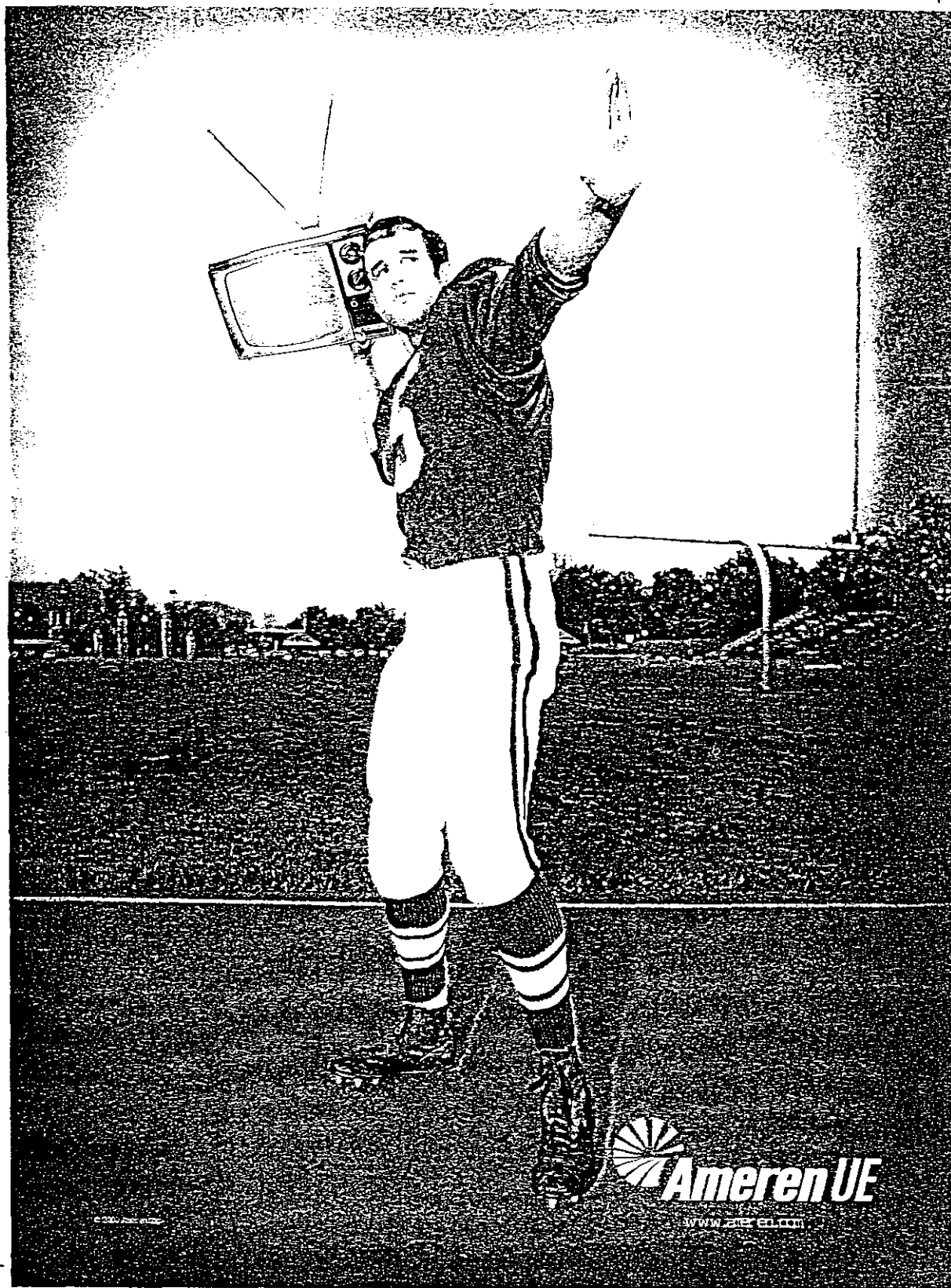
AC00116A1

R O D G E R S  T O W N S E N D

PREPARED 4/3/2000

SIZE: 8 1/2" x 10 1/2" TRIM - 7.7" x 10" LIVE 4-COLOR

Schedule 4-42



AMERENUE "QUARTERBACK TV" - NFL INSIDER

ACC0254A1

RODGERS TOWNSEND

PREPARED 7/10/2000

THE FOLKLORE OF THE AMERICAN WEST



 **Ameren UE**  
[www.ameren.com](http://www.ameren.com)

AMEREN UE "PUNTER/BLENDER" - NFL INSIDER

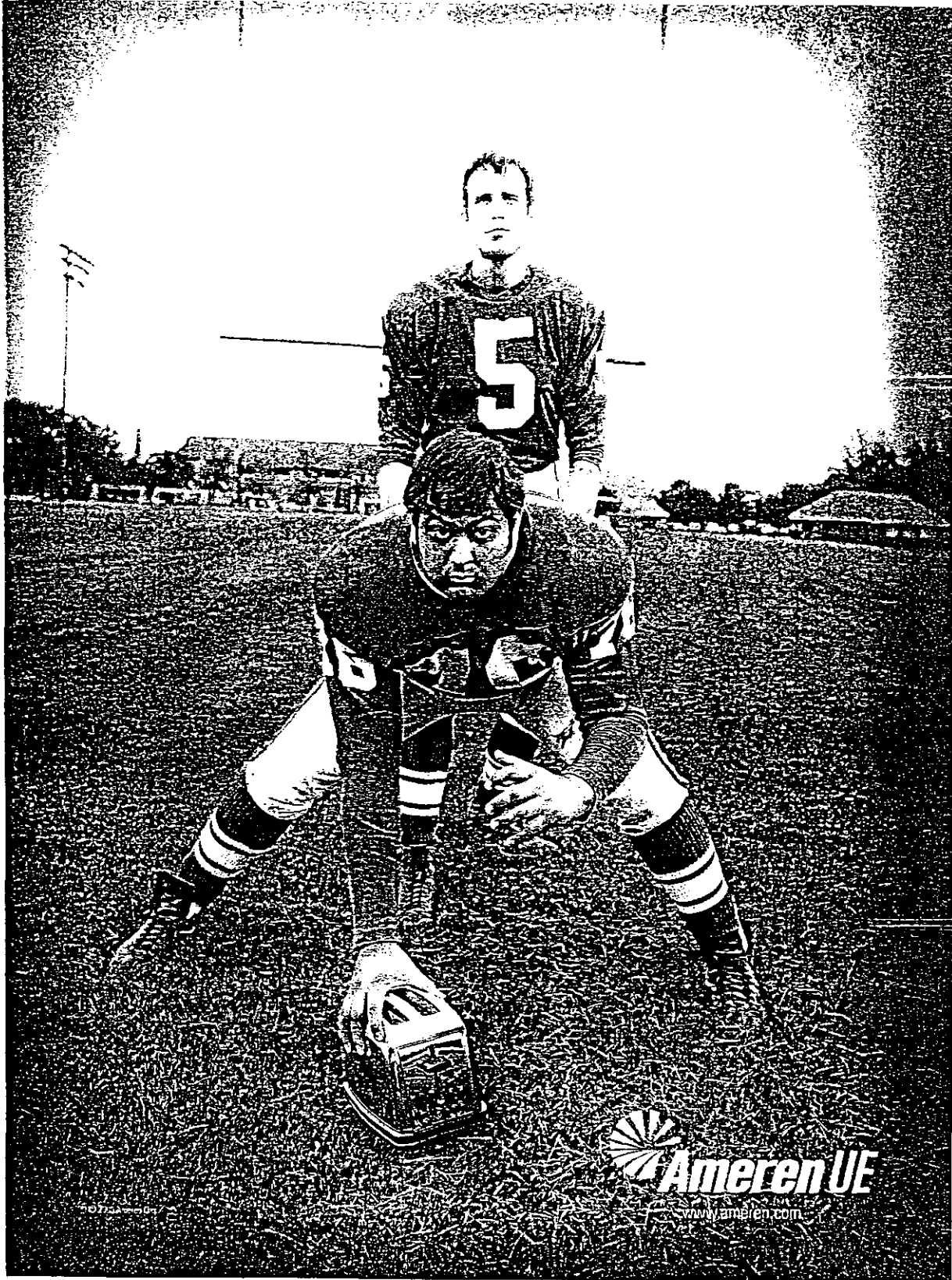
AC90254B1

R O D G E R S  T O W N S E N D

PREPARED 7/11/2000

SIZE: 6.7" x 10.4" TRIM: (8.7" x 11.2" BLEED - 7.1" x 10" LIVE - 4-COLOR

Schedule 4-44



AMEREN UE "HIKE/TOASTER" - NFL INSIDER

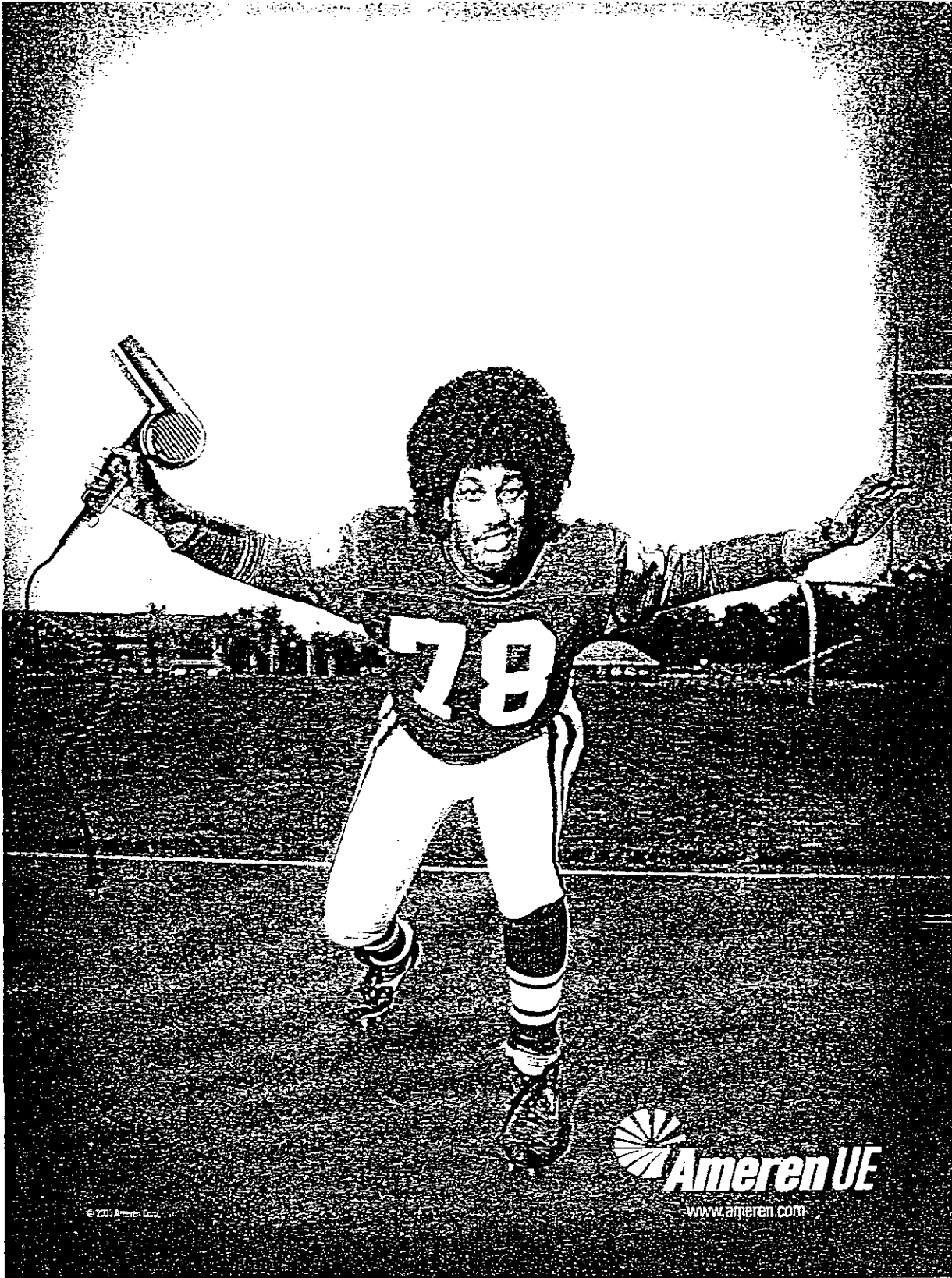
AC00254D1

R O D D G E R S  T O W N S E N D

PREPARED 8/7/2000

SIZE: 8.5" x 10.4" TRIM: 8.7" x 11.4" BLEED: 7.3" x 10" LVS: 4-COLOR

Schedule 4-45



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AMEREN UE "LINEBACKER/HAIRDRYER" - NFL INSIDER

AC00254C1

R O D G E R S  T O W K S E N D

PREPARED 7/31/2000

SIZE: 8" x 10" TRIM (8.2" x 10.2") BLEED - 7" x 10" LIVE, 4-COLOR

Schedule 4-46

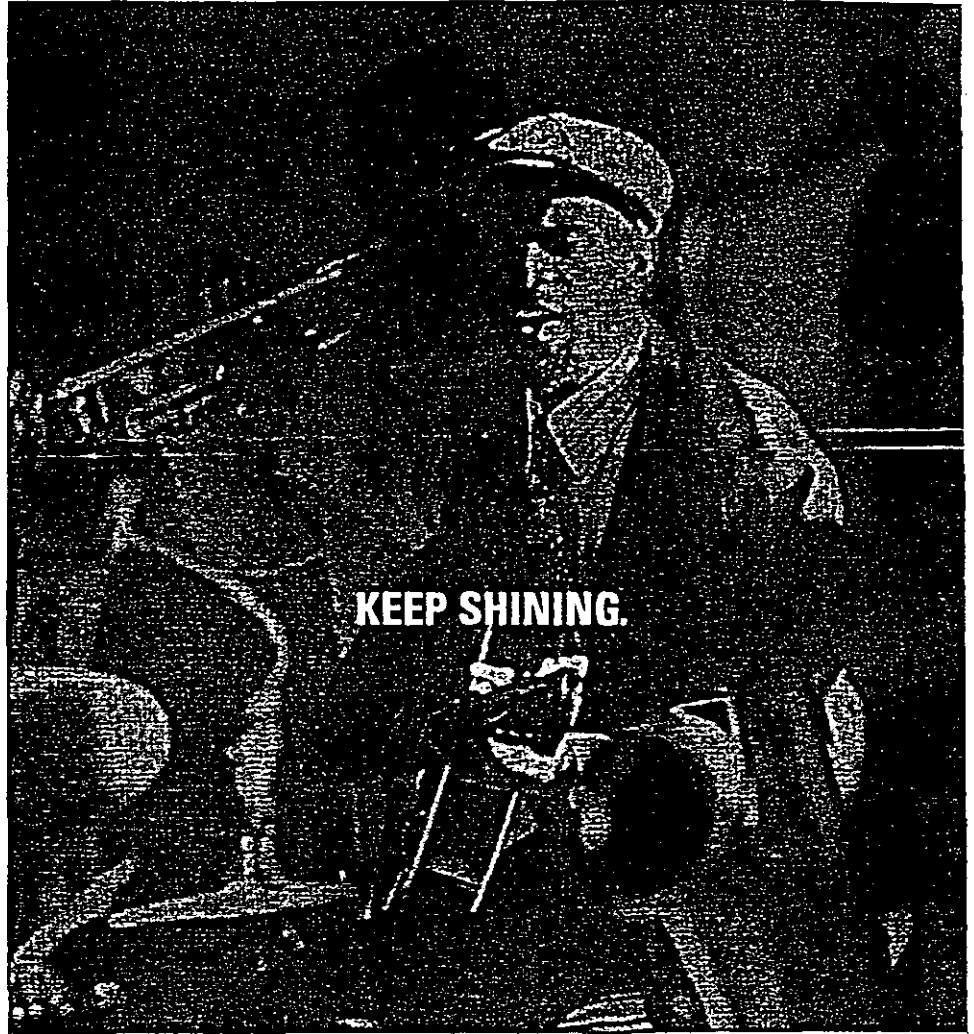
**Thanks Cardinals, for a great season.**  
We look forward to seeing you again in April. And October.



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AMEREN THANKS CARDS - ST LOUIS POST DISPATCH  
AC00431A1  
RECEIVED  
PREPARED 10/25/06  
08:47:17





**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE SHELDON CONCERT HALL.



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AMEREN "KEEP SHINING" MUSICIANS- SHELDON CONCERT HALL PROGRAM

72A1

R O D G E R S T O W N S E N D

PREPARED 5/11/2001

SIZE: 5 1/2" x 8 1/2"

Schedule 4-48

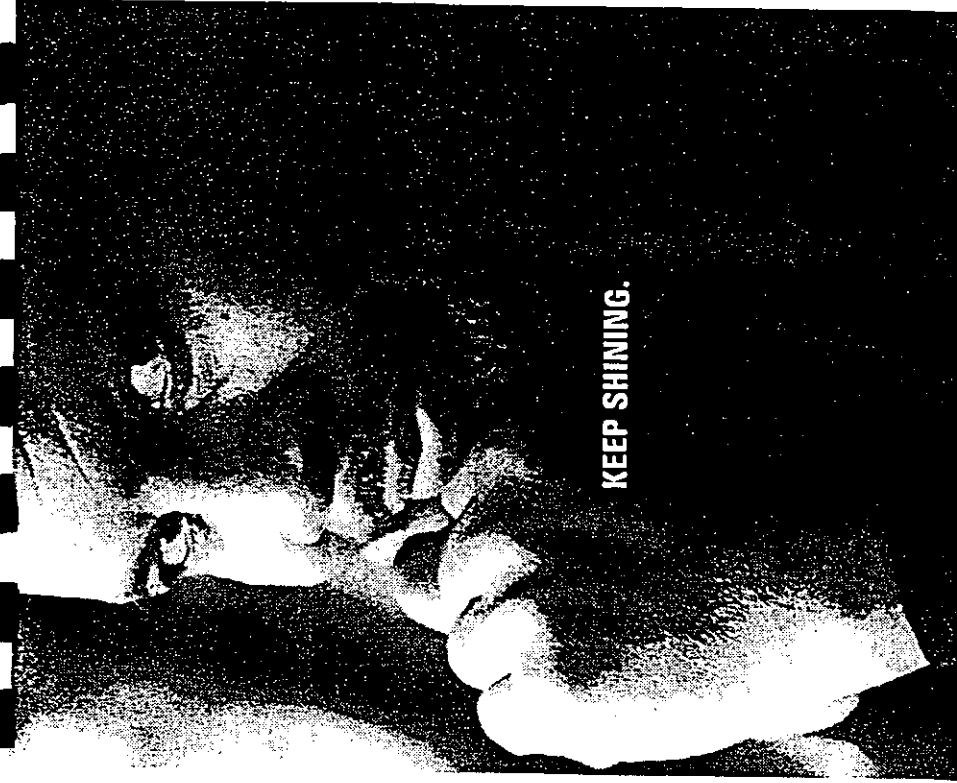




AMEREN IS PROUD TO SUPPORT  
THE URBAN LEAGUE OF METROPOLITAN ST. LOUIS.



www.ameren.com



KEEP SHINING.



AMERENUE "KEEP SHINING" - URBAN LEAGUE

AC01125A1

R O D G E R S T O W N S E N D

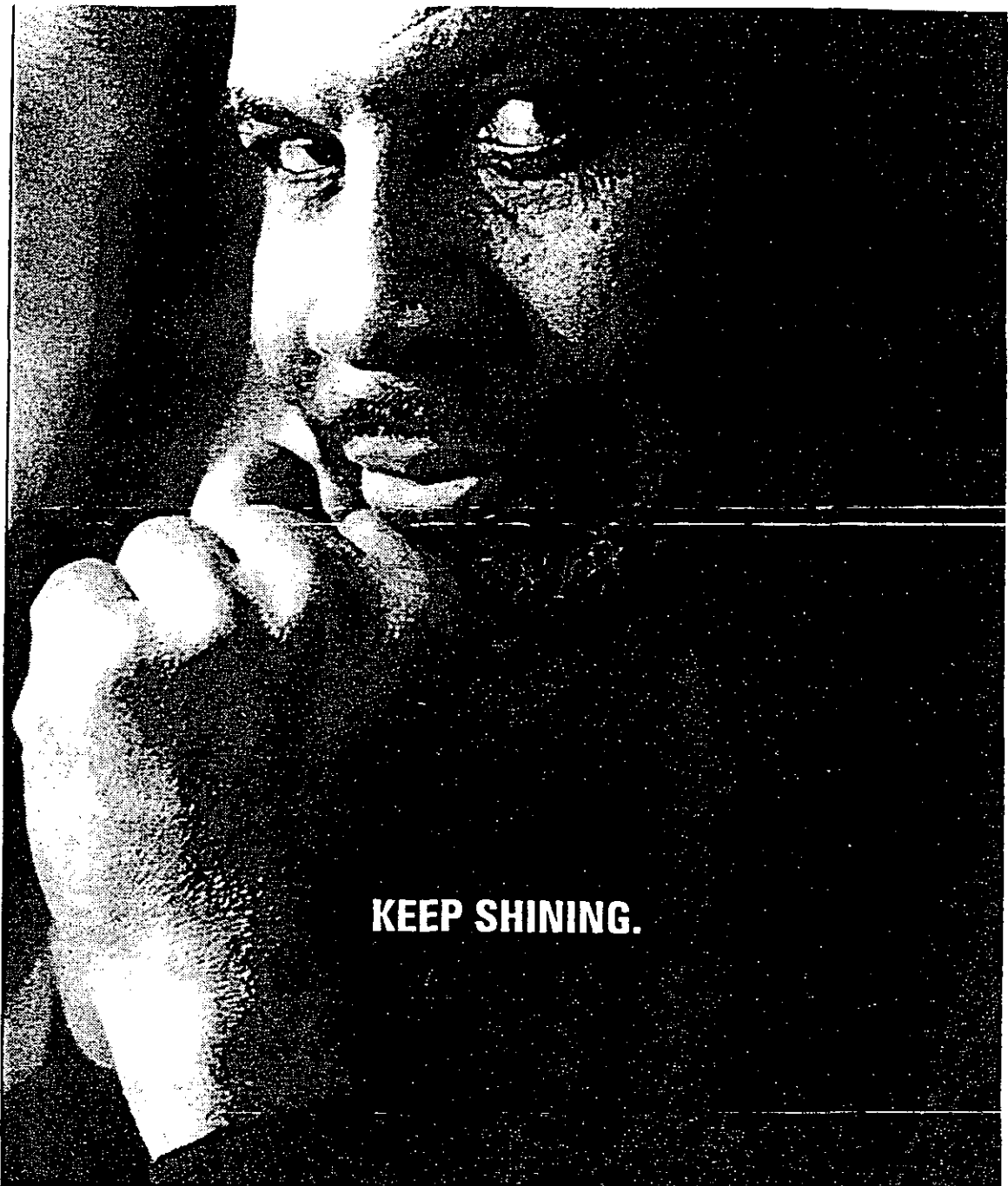
PREPARED 2/20/2001

SIZE: 8"x5" B/W

c85r10s blk.ttt 20906-A1-PI

c85r10s

K



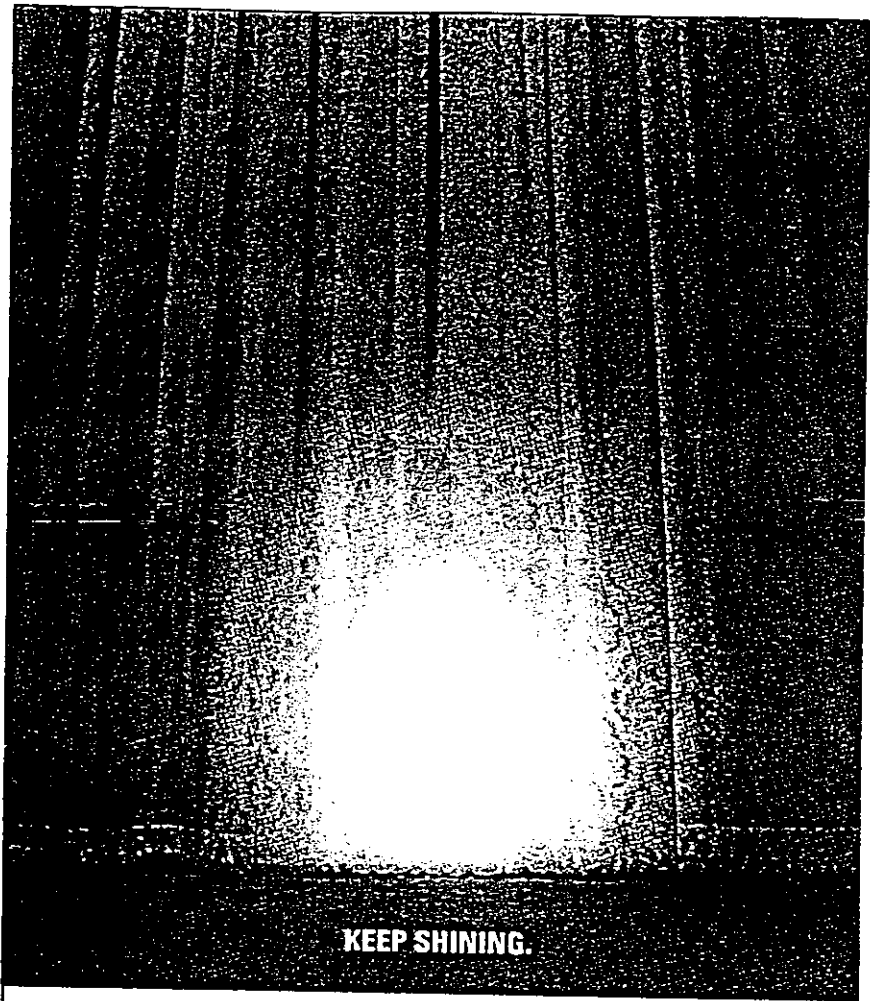
**KEEP SHINING.**

AMEREN IS PROUD TO SALUTE BLACK HISTORY MONTH.



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**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE ST. LOUIS BLACK REPERTORY COMPANY.



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AMEREN "KEEP SHINING" - BLACK REPERTORY COMPANY 2001 PROGRAM

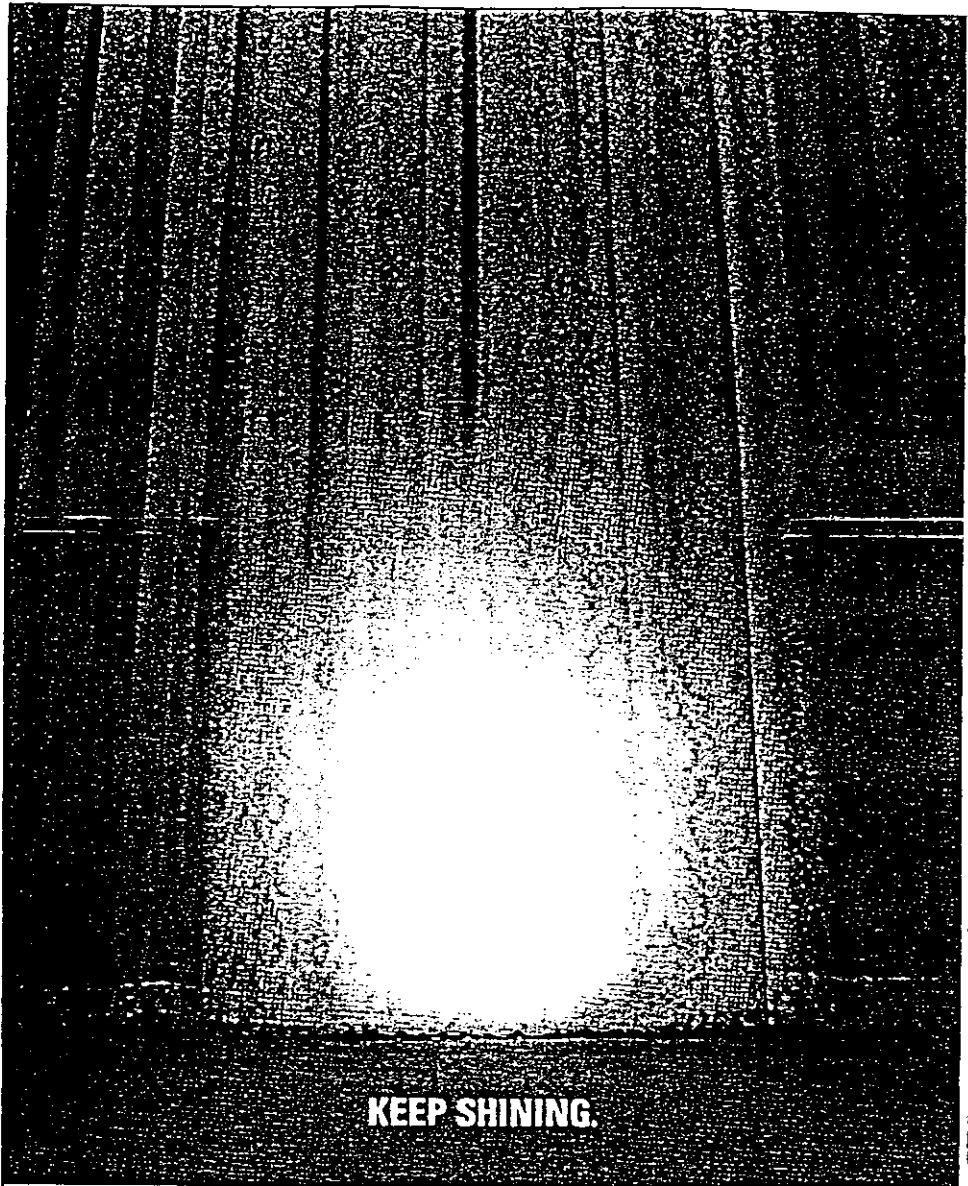
**AC00445A1**

R O D G E R S T O W N S E N D

PREPARED 11/16/2000

SIZE: 4" x 7"

**Schedule 4-51**



**KEEP SHINING.**



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AMEREN UE "KEEP SHINING" - MURRY PROGRAM

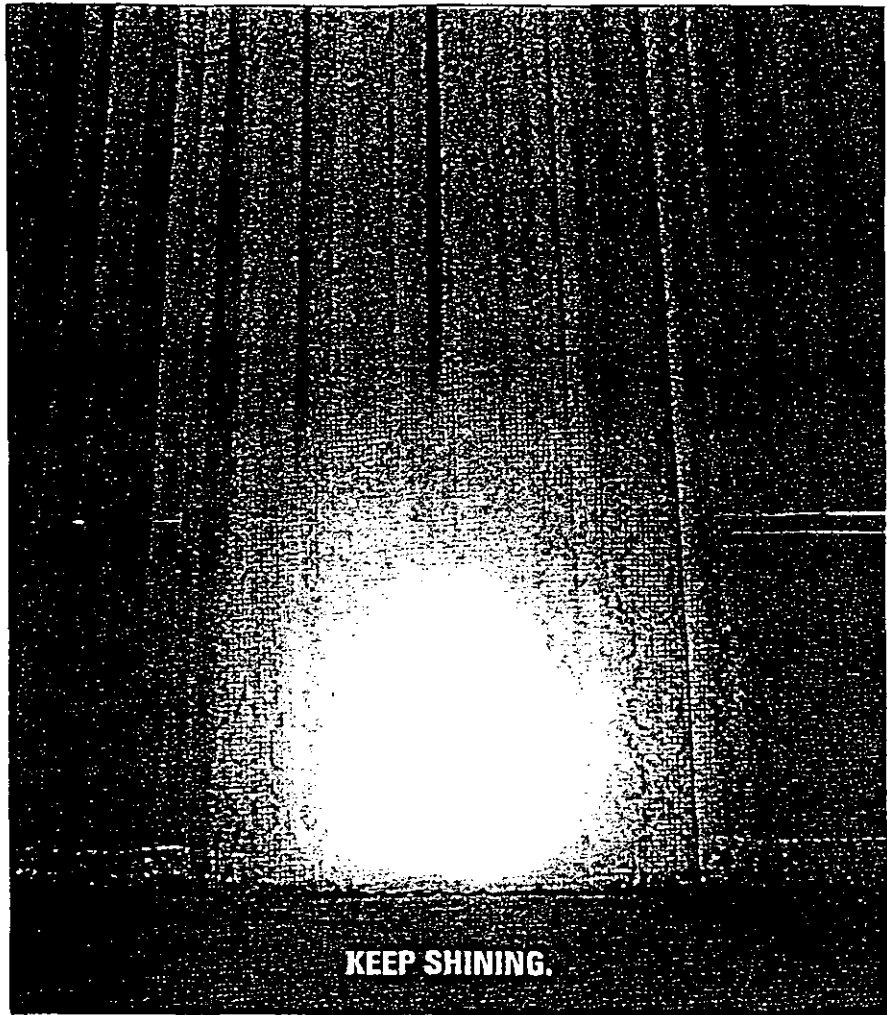
**AC0114A1**

R O D G E R S  T O W N S E N D

PREPARED 2/20/2001

SIZE: 5 x 7 - B&W

**Schedule 4-52**



**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE FOX THEATRE.



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AMEREN "KEEP SHINING" - FOX THEATER 2001 PROGRAM

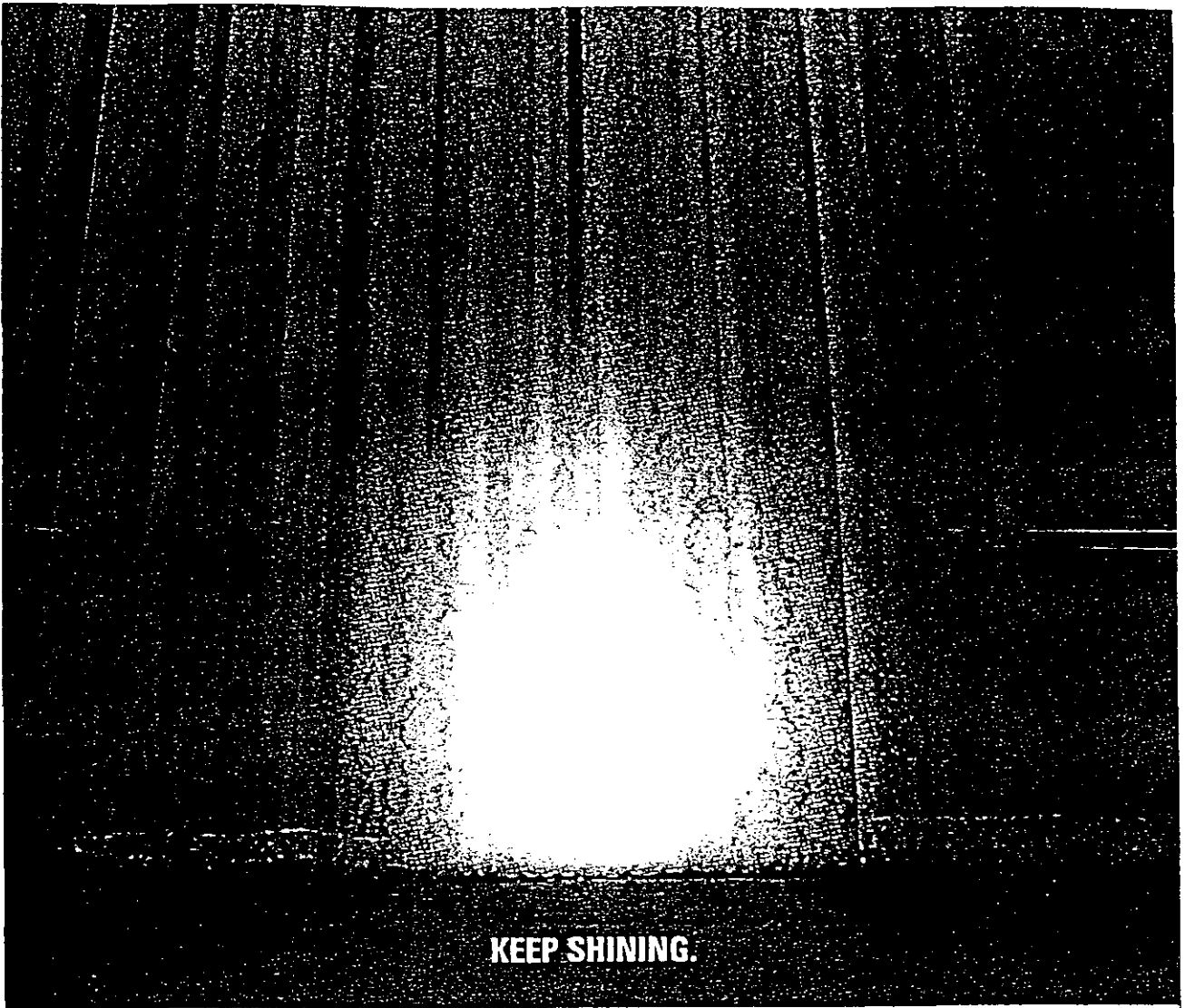
**AC00343A1**

R O D G E R S T O W N S E N D

PREPARED 11/16/2000

SIZE: 4 1/2" x 7 1/4"

**Schedule 4-53**



**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE OPERA THEATRE OF ST. LOUIS.



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**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE MATHEWS-DICKEY GIRLS' PROGRAM.



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AMEREN "KEEP SHINING" - MATHEW DICKEY GIRLS... SHEER ELEGANCE SOUVENIR PROGRAM BOOKLET

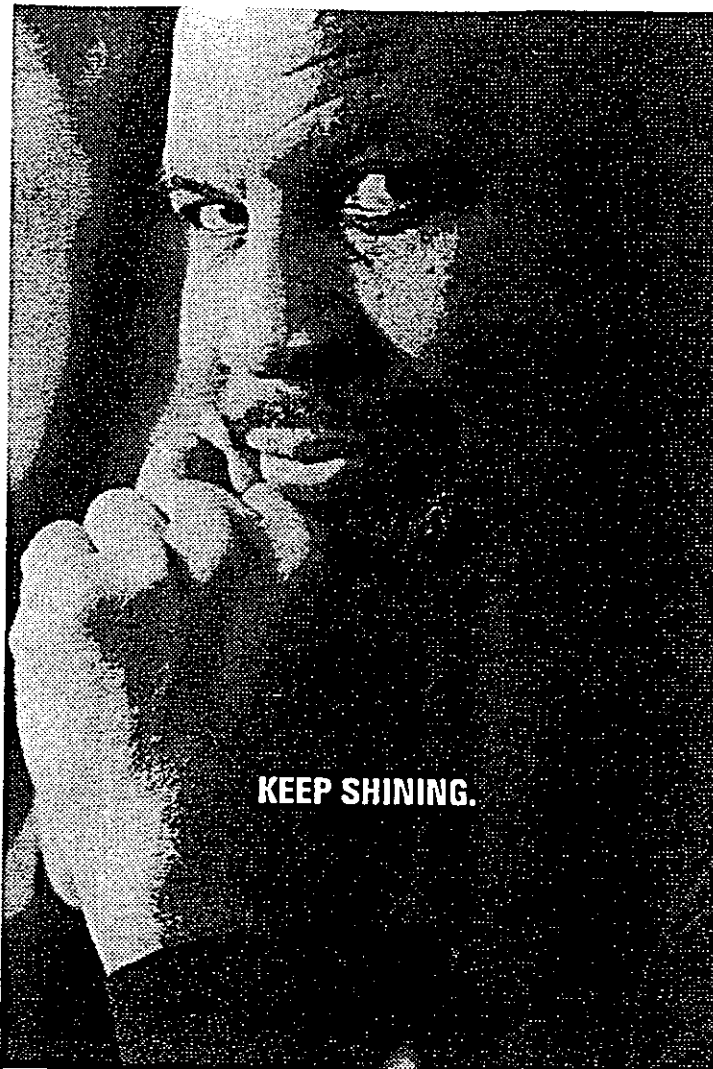
AC00442A1

R O D G E R S  T O W N S E N D

PREPARED 11/2/2000

SIZE: 8" x 10 1/2"

Schedule 4-55



**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE MISSOURI BLACK EXPO.



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AMEREN:UE "KEEP SHINING" - MISSOURI BLACK EXPO

AC00316A1

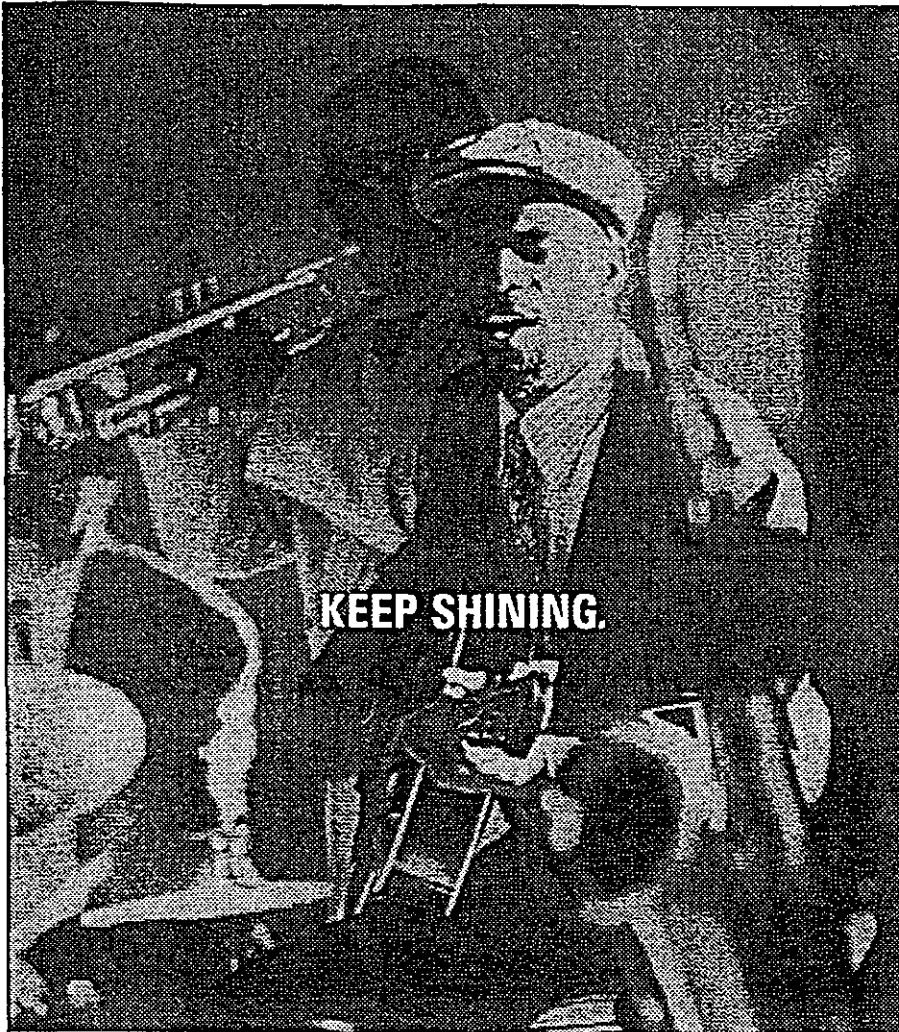
R O D G E R S T O W N S E N D

PREPARED 8/5/2000

SIZE: 5.5 X 7.875

Schedule 4-56





**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE EDISON THEATER.



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AMEREN UE "KEEP SHINING" – EDISON THEATER

AC00317A1

R O D G E R S  T O W N S E N D

PREPARED 8/21/2000

SIZE: 4.75" x 8" B/W

Schedule 4-57



**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT DANCE ST. LOUIS.



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[ameren.com](http://ameren.com)

AMEREN "KEEP SHINING" - DANCE ST. LOUIS

AC00318A1

R O D G E R S  T O W N S E N D

PREPARED 8/29/2000

SIZE: 41 X 71

Schedule 4-58



May the light burn bright in every community.



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AMEREN UE "MAY THE LIGHT" - INROADS

470A1

R O D G E R S T O W N S E N D

PREPARED 1/2001



**KEEP SHINING.**

AMEREN IS PROUD TO SUPPORT THE REPERTORY THEATRE OF ST. LOUIS.



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AMEREN UE "KEEP SHINING" - ST. LOUIS REP

AC00237A1

R O D G E R S  T O W N S E N D

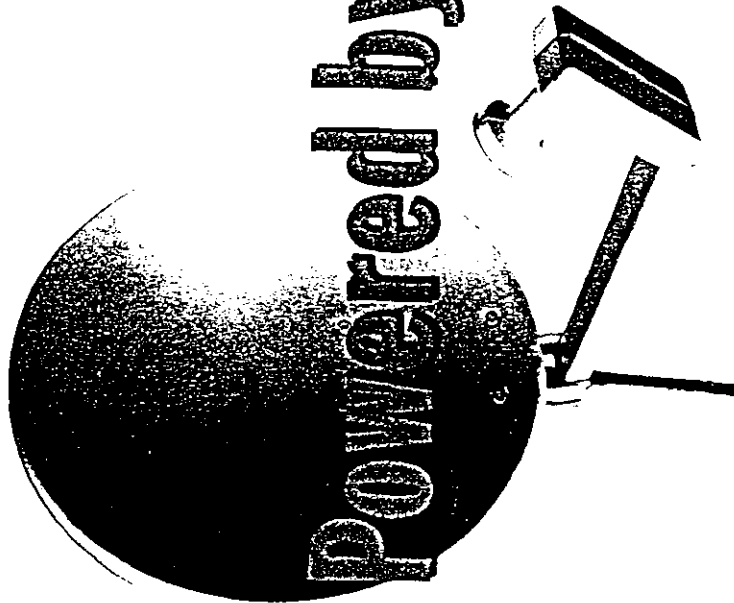
PREPARED 8/11/2000

SIZE: 7" x 10" B/W

Schedule 4-60

Outdoor

# Indecision. Powered by Ameren.



AMEREN ENERGY  
INDICISION  
3095012



AMEREN ENERGY  
INDICISION  
3095012

# Clean. Powered by Ameren.

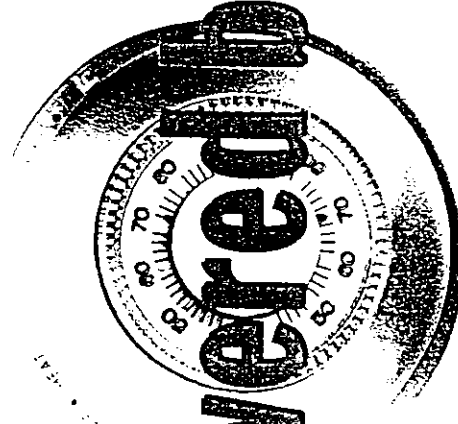


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# Relief Powered by Ameren.

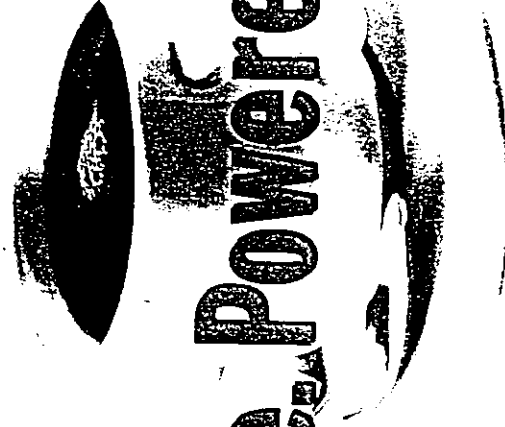


AMEREN ENERGY SERVICES  
1000 MARKET STREET  
ST. LOUIS, MO 63102

AMEREN ENERGY SERVICES

AMEREN ENERGY SERVICES  
309AUI

# Morning Joe. Powered by Ameren.

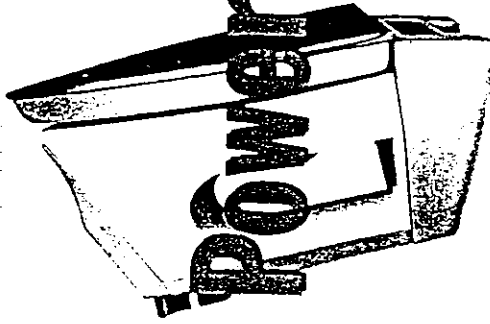


AMEREN ENERGY, INC.  
REGISTRATION  
309901

AMEREN ENERGY  
REGISTRATION  
309901



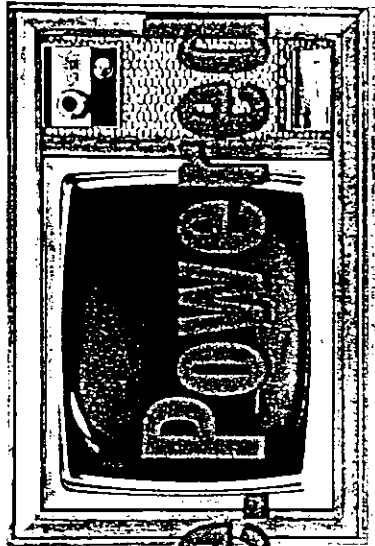
# Wrinkle-free. Powered by Ameren.



AMERICAN ELECTRIC COMPANY  
UNION ENERGY  
SECURITY INVESTMENT GROUP

AMERICAN ELECTRIC COMPANY  
UNION ENERGY  
SECURITY INVESTMENT GROUP

# Prime time. Powered by Ameren.



AMEREN ENERGY SERVICES  
309.501.1000

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309.501.1000

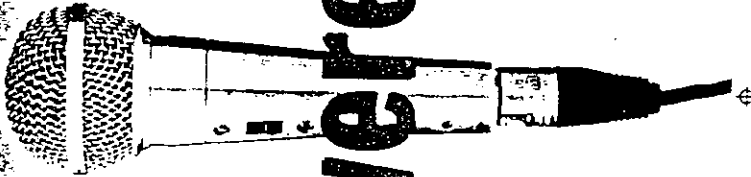
# Chow. Powered by Ameren.



AMERICAN ENERGY SERVICES  
CORPORATION  
303601

AMERICAN ENERGY SERVICES  
CORPORATION  
303601

# Karaoke. Powered by Ameren.



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UNION ENERGY  
200702

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UNION ENERGY  
200702



# A Report to the Community

11 YEARS AT THE LAKE OF THE OZARKS

## Under the Lights!

### AmerenUE Grant Helps Eldon Light Up Soccer Park

Ever try playing soccer in the dark? Luckily, the 300 kids who belong to the Eldon Lake Ozark Soccer Association won't have to — thanks to a \$7,500 AmerenUE SmartLights grant.

The soccer association's field in Eldon City Park had no lighting, limiting the available number of playing hours for the boys and girls, age 6-18. "This project significantly enhances the park and will allow more youth to play more games," says Mark Oberreither, president of the soccer association. "The lighted field will enhance our ability to be a positive influence on our children."

Parents and other volunteers also contributed their time and talents, making the project a true community effort. The SmartLights Grant helped pay for the materials, with the city of Eldon and fundraisers by the soccer association supplying the remaining funds.

The Ameren SmartLights program annually provides grants to

selected community nonprofit organizations for energy-efficient lighting equipment to improve lighting in public areas. Funds can be used to upgrade existing installations, add energy-efficient lighting to areas that already possess some lights, or light areas that are currently not lit — like the soccer field at Eldon City Park.

In 2000, grants totaling \$250,000 went to 41 nonprofit community organizations in Ameren's service area for new or replacement energy-efficient lighting equipment. Winners were chosen from among more than 100 applications.

"AmerenUE's support helped make this project possible," says Oberreither. "This lighting will be an asset to the children of Eldon for years to come."

AmerenUE Customer Service Advisor Lori Kuehler presents a \$7,500 SmartLights check to Mark Oberreither and other members and supporters of the Eldon Lake Ozark Soccer Association. The project was among 41 selected for funding in 2000 from among 109 applications. Besides AmerenUE's SmartLights grant, Wal-Mart contributed \$2,000 to the project and the City of Eldon contributed \$5,000. At the ceremony are, from left, front row: Chad Horton, Lenny Laibler, Mark Oberreither, Lori Kuehler, and Ed Young. Back row from left: Bob Schmedt (AmerenUE supervising engineer), Lakeside District, Courtney Olsen, Erik Oberreither, and Emily Oberreither. Horton represented Wal-Mart at the event and Young represented the City of Eldon.



# Focusing On

## An Interview with Larry Merry, AmerenUE District Manager

**A**s manager of AmerenUE's Lakeside and Capital districts, **Larry Merry** supervises the activities of 133 professionals who work to keep the power on and the natural gas flowing. His crews of linemen, engineers, estimators, and customer service supervisors and advisors troubleshoot problems on the system, restore power and respond to a range of customer concerns. Merry recently sat down for an interview on some of the customer service issues at the lake.

**Q. What has AmerenUE done in the past year or two to improve customer service at the lake?**

**A.** We have increased our tree-trimming — a major initiative given the density of foliage in the lake area. In 2001, we are adding a half million dollars to our lake area tree-trimming budget so we can continue to reduce the number of service disruptions caused by tree limbs on lines.

We have also begun to use a helicopter with a buzz saw to efficiently trim along our rights-of-way. This equipment can double our trimming efficiency but is not a viable option in tightly congested areas. A few years ago, we also began to use a helicopter to do infrared screening of lines and substations. The infrared screen helps us identify and correct potential trouble spots before customers experience difficulties. We recently initiated major lightning improvement projects and are also focusing on the causes of repetitive interruptions and routinely doing problem circuit upgrades.

Approximately 65 percent of all lake customers now have automated meters, which have vastly reduced estimated readings. Automated meters also help us restore service to customers more quickly when a service disruption occurs. Before we installed these meters, we had to wait for customers to call us and let us know the power was not on. This meter sends us a radio transmitted signal alerting us about problems and allowing us to respond more quickly.

In recent years, we've also established a job scheduling procedure that expedites service requests that require construction to serve new facilities. With this more structured planning and scheduling system, we can guarantee a date when we will provide service to the new facility, assuming customers have made the necessary preparations and have given us reasonable notice (usually two months in advance of the date the customer needs the service).

**Q. That's the good news. Are there areas where we've had problems?**

**A.** Street lights are a problem at the lake. We installed new high-efficient, high-pressure sodium lights (they cast a yellow, opposed to white, light). They consume less energy and provide more light.

### FOR AMERENUE, LIGHTING IS JUST THE BEGINNING

In addition to the SmartLight program, AmerenUE regularly funds nonprofit and community organizations in the Lake of the Ozarks area:

- Through its VIP/TEAMS Grant Program, the company provides small grants to nonprofit organizations where AmerenUE employees volunteer. Grant recipients are chosen by employee committees.

Recent examples include a VIP Grant to the School of the Osage's Project Graduation, sponsored by AmerenUE Lakeside District employee **Tom Zander** (now retired), and a TEAMS Grant to the Lake Regional Hospital Foundation's Escort A-Thon, sponsored by AmerenUE Customer Service Representative **Sandra Dostal**, Callaway Plant Superintendent of Mirabeau Work Control **John Patterson**, AmerenUE Credit Advisor **Joan Eisenbergs** and retired Lakeside Plant employee **Gregory Dostal**.

- In 2000, AmerenUE gave \$70,000 to Habitat for Humanity to help make all *Habitat Homes built in the company's Missouri service area energy efficient*. In the Lake of the Ozarks area, the grant included one home built in Camdenton and one in Versailles.

- In addition, through the company's Dollar More program, customers who are having difficulty paying their bills due to financial hardship get the help they need. Dollar More is funded by customers who make small voluntary contributions with their AmerenUE bills, along with AmerenUE corporate donations.

A network of human services agencies throughout AmerenUE's service area distributes the funds to those in need. In the Lake of the Ozarks area, the program is administered by **The Lamb House** in Camdenton, which also provides AmerenUE-supplied weatherization kits.

In 2000, Dollar More distributed nearly \$18,000 to needy families in the Lake of the Ozarks area.

Customers who wish to contribute to Dollar More may do so by calling AmerenUE and pledging to add one dollar or more (in even dollars) to their monthly utility bills. •



# Superior Service

Unfortunately these lights are also more sensitive to lightning, and that has generated a lot of work for us this year. We've dedicated additional manpower to keep up with street light repairs, and our engineers are researching the reasons for the failures.

**Q. What community programs does AmerenUE offer to improve the quality of life for lake residents?**

**A.** One program is Ameren SmartLights, which offers grants of up to \$10,000 to civic and nonprofit organizations for new or replacement energy-efficient lighting in public places. Two local organizations have received SmartLights grants in the past couple years, including the Eldon Lake Ozark Soccer Association, which received a \$7,500 grant in 2000, and the Golden Age Senior Center in Osage Beach, which received a \$3,025 grant in 1999.

In 2000, we contributed \$1,500 to the Lake of the Ozarks Habitat for Humanity for a house being built in Camden, and \$1,500 to the Morgan County Habitat for Humanity for a house being built in Versailles. These grants are intended to help make homes being built for low-income residents more energy efficient. Another \$2,250 went to other Lakeside District nonprofit organizations for a variety of projects.

AmerenUE also donated \$10,000 to Lake Area Ministries, specifically for Dollar More — an energy assistance fund that helps needy families and individuals cover their energy bills. Customers can also make voluntary contributions to Dollar More by checking a box on their AmerenUE bill, and pledging to contribute a dollar or more each month, in even dollars. AmerenUE and the United Way share all administrative costs of the program. As a result, when a customer contributes to Dollar More, every dollar goes to help people in that customer's own community. In 2000, Dollar More raised nearly \$8,000 from customers in the Lakeside District to help needy families in the lake area.

**Q. Does the lake pose any particular challenges in terms of customer service?**

**A.** Because lake residents sometimes are around only on weekends or as tenants for a short time, we sometimes have a tough time offering efficient service. For example, residents who may own second homes at the lake can't always give us access to property as easily as full-time residents, so providing service is a bit more difficult. And with the lake's very mobile population, we're called upon to handle changes in service more frequently.

**Q. What distinguishes AmerenUE from other investors?**

**A.** Our service is distinguished from others by our use of advanced, integrated technologies, like our sophisticated outage analysis, load monitoring, metering, mapping and diagnostic systems. These applications help us help customers what is going on, identify problems quickly and resolve power efficiently.

Ameren regularly invests in its infrastructure. We believe our attention to our systems will help us avoid severe, recurring problems, like those encountered by some other utility companies.

**Q. We read about shortages of power and transmission bottlenecks in other parts of the U.S. Is AmerenUE likely to experience power shortages or problems with transmission service that could affect the reliability of power?**

**A.** Ameren's more than 30 direct connections with other power suppliers, the central location of our power plants, plus a 5,200-mile transmission system give our company a strategic position offering unparalleled access to markets. With 14 coal-fired and hydroelectric plants and combustion turbine facilities, Ameren's net generating capacity is nearly 12,000 megawatts. In the summer of 2000, Ameren also added approximately 680 megawatts of new generation with the start-up of several combustion turbine peaking units. This additional capacity contributed to the company's ability to supply power to new customers and cover its peak demand of approximately 11,640 megawatts — a record set in August 2000. \*



# People at the Lake

## JERRY HOGG

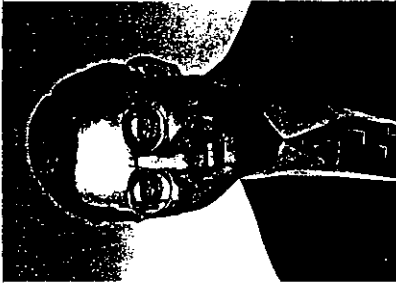
Ask **Jerry Hogg** how he switched from nuclear power engineering to hydroelectric plant relicensing, and he'll tell you that working with people, juggling multiple responsibilities, managing a range of projects and negotiating with a range of constituencies has been part of his job for more than 25 years.

Hogg grew up in a rural area near Eugene, 15 miles from Jefferson City, and his Central Missouri roots run deep. His grandparents farmed across the road from his home. Hogg, his wife and four children, age 14 to 21, have never lived close to any neighbors.

But in 1976 Hogg left the country life he loved to join a global engineering construction organization — Bechtel — as a young engineer right out of the University of Missouri-Columbia. After an 18-month stint at a Bechtel-constructed Arkansas nuclear plant, Hogg joined Union Electric — now Amerent/E — as a field engineer, working with crews constructing the company's Callaway Nuclear Plant. His job was to work out the discrepancies between design and actual construction. After two years, he moved on.

"I wanted more hands-on responsibility for the physical construction of the plant, so I left UE and joined a contractor BELLON, a subsidiary of Daniel, Mann, Johnson & Mendenhall International — still working at Callaway. I worked for BELLON for five years," says Hogg, who in 1984 returned to UE and in the Callaway Plant.

But Hogg's career path was anything but static. He moved from Quality Assurance to the plant's Instrument and Controls Department, where he was named



superintendent, to superintendent of the Maintenance Department and later Organizational Development. His final job at Callaway involved supervising engineers in the Nuclear Engineering Department.

In August 2000, Hogg applied for, and won, the post of superintendent for Hydro Regulatory Compliance. He admits it has been an interesting transition from work-away, built in 1984 — to one of its oldest — Osage, built in 1931. However, the plants do share similarities, Hogg says.

"They both have very good designs. Both have excellent operating records and are very important in providing reliable power to our customers — Callaway because it provides large amounts of electricity as a base-load plant with excellent safety performance, and Osage because it helps us regulate voltage and offers easy, quick start-up for our system when needed. Osage also offers highly reliable and very low-cost power during times of peak demand."

Hogg cites another plus in moving to Osage Plant: He no longer commutes 50 miles one-way. Hogg lives 20 miles from

Hagnell Dam and 20 miles from Jefferson City.

Both locations, and even Washington D.C., will figure into the multi-year alternative licensing process Hogg is leading.

This process promotes the cooperative sharing of information among the more than 120 stakeholders who are actively participating, or have expressed interest, in the relicensing. Those stakeholders include resource agencies, elected officials, flood control and downstream interests, environmental groups, business and economic development organizations, the boating industry and local community members. In contrast to the "one-size-fits-all" approach of a more traditional licensing process, the alternative process provides a more customized approach in which key stakeholders are involved from the very beginning. It promotes problem-solving at the local level.

So far, Hogg says Amerent/E has sponsored 14 meetings in the process leading to a request for a new license for Bagnell Dam — Osage Hydroelectric Plant. The license expires in 2006.

What will it take to get this mammoth task accomplished?

"Patience, diplomacy, attention to detail, a focused commitment to high standards — to excellence, and the ability to build consensus and compromise," says Hogg. Just what an electrical engineer with extensive nuclear and regulatory experience offers in abundance. ■

## LORI HOELSCHER

For **Lori Hoelscher**, a community liaison in Amerent/E's Lakeside District and a customer service advisor (CSA) in the Capital District, no two days are the same. And she wouldn't have it any other way.

"What I like about this job is that there's so much diversity in what I do," Hoelscher says. "In the Lakeside District, my scope is more narrow—I am charged with enhancing community and public relations, particularly with city and economic development organizations. I spend about two days a month in Lakeside District and the remainder of my time in Capital District, where I am focused on both city government needs and the needs of our commercial and industrial customers."

A "typical" day may find Hoelscher sitting with Lake Chamber of Commerce, Osage Beach or Lake Ozark officials about economic development or city issues. "I serve as a primary point of contact for Lakeside and many Capital District mayors and city administrators. And in terms of economic development, the committees typically start with us, and then, as that process proceeds, we'll turn them over to the economic development people within Amerent," Hoelscher explains.

Her goal is to get a first-hand look at how a government, agency or facility operates, so she can explore ways to help. With help from others, Hoelscher recently organized the annual community update meeting Amerent/E conducts for Central Missouri city officials—this year the meeting was at Willowmore Lodge and included briefings on legislative issues and company programs and activities





Hoelscher also attends relicensing meetings at the lake.

And in Capital District, she serves the more traditional role of customer service advisor, visiting a steel fabrication plant, a turkey processing plant or a giant publishing company, to learn about new equipment or a planned expansion that will change the energy requirements of these companies.

A native of the Jefferson City, Mo., area, Hoelscher earned a B.S. degree in business administration from Lincoln University before beginning her career with AmerentUE (then Union Electric). Later, she earned a MBA degree from Lincoln, attending night classes.

Not only is there really no such thing as a typical day, but Hoelscher's job has also changed significantly since she joined AmerentUE in 1985. "When I started with the company, most of the work I did as a customer service advisor involved construction — working with contractors, measuring and designing services, both electric and gas, and completing meter orders and tickets," Hoelscher says. "We also did both residential and commercial energy audits and a lot of school safety presentations. But about eight years ago, our focus began to move toward the large commercial and industrial end of our business and toward outreach to city gov-

ernment and economic development agencies."

Hoelscher and the district's other CSA, **Gaye Suggert**, work with about 180 large commercial and industrial customers. Not only must they become knowledgeable about these customers' operations, but they're also notified, by pager, when one of their customers has a service interruption, so they can contact the customer and provide information about what happened and when AmerentUE expects to have power restored. How do they manage to stay informed about such a large and diverse group of customers?

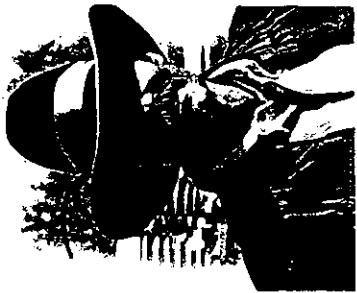
"We make lots of visits and phone calls, and attend seminars and training, but we also use the Internet," Hoelscher says. "All our major customers have sites on the Internet, so it's easy to keep track of new developments."

Off the job, Hoelscher has a passion for showing "saddle seat," or English, horses. But she says her work has an influence on that, too. "It's surprising that after officials and customers find out I do this, a lot of them will ask how my shows are coming," she adds. "Sometimes they even come to them. That puts on extra pressure to do well in the show." •

#### STEVE BENTON

For a self-professed "country" boy, **Steve Benton** stays on the move.

Born in a Washington, Mo., hospital, Benton grew up in Gerald and Iberia — small towns in central and southwest Missouri. His father turned to full-time farming when Benton was a small boy, so tending to hogs and cattle and getting up in the wee hours is not unknown to him.



That's good because as construction supervisor for the Lakeside District, Benton faces some early morning hours keeping the lights on over a far-flung area that includes rural hamlets and upscale lake developments. Benton honed his skills the hard way — by coming up the ranks. After earning a degree as engineering associate of electronic technology, Benton joined the engineering group of Western Electric in St. Louis, where for two years he was part of the field engineering team, getting projects completed. Then, after a 366-day stint as a sergeant in the infantry in Vietnam, Benton became a Western Electric line engineer — a desk job that had him ordering equipment for Southwestern Bell.

"I hated being inside, so in 1973, I took a pay cut to become an apprentice lineman for Gascoage Co-op in Dixon, Mo.," he recalls. On March 20, 1978, Benton became a lineman in Versailles, Mo., for Missouri Utilities. In the mid-1980s, Union Electric — now AmerentUE — acquired Missouri Utilities, and in 1986 Benton became UE supervisor for the electric and gas line crews in Versailles and Eldon. In 1991, he moved to the position of gas supervisor of the Capital District, based in Jefferson City, and during this period, faced some of the toughest challenges of his career.

"The Flood of 1993 hit us hard — we worked every day fighting the mud, rain and river currents," Benton recalls. "In fact, we camped out for nearly two weeks waiting for the Missouri River to recede so we could restore gas to our customers with a temporary gas main we were trying to get across a bridge going into Jefferson City. It was a very tough time for everyone, but we learned a lot. Our seasoned crews showed they were up to the chal-

lenge. We handled the entire crisis safely."

In 1996, Benton moved to the Lakeside District, where he helped implement a new scheduling system that has increased responsiveness to customers and operating efficiency.

What special challenges does the lake pose? "The area's population is diverse and growing, and that creates a dynamic situation requiring a lot of diplomacy and flexibility. There's a great deal of new construction in the area and a need for preventive maintenance on the many district lines that cover a lot of miles. You have to be able to adapt quickly and handle a range of assignments to perform well in this district."

Benton adds that the beauty of the area is a bonus to anyone working there, but "I don't fish. I don't boat." However, Benton's parents are 30 miles away and he does own and ride quarter horses. "I am a country boy, after all." •

# Protecting Resources

## AmerenUE's Efforts Gain National Recognition

The Osage River downstream from Bagnell Dam is one of the best fishing and fish catch areas in Missouri, containing more than 80 species. AmerenUE has been working with the Missouri Department of Conservation to enhance this fishery by raising dissolved oxygen levels during the hottest summer months when oxygen levels normally decline. In 2000, those efforts gained national recognition when the National Hydropower Association (NHA) cited AmerenUE's Osage Plant for "Outstanding Stewardship of America's Rivers." Osage was one of three projects, nationwide, receiving this honor.

While it's nice to win awards, what does "dissolved oxygen enhancement" mean for fishermen? Better fishing! Here's why: In warm-water lakes, like the Lake of the Ozarks, dissolved oxygen levels drop in hot weather because the water stratifies — layers of warm water form near the surface and layers of colder water sink to the bottom. As a result, the amount of dissolved oxygen — which fish need to survive — decreases deeper in the lake. Since the Osage Plant draws water from the deepest part of the lake to run its generators, the water it discharges into the Osage River has typically been low in oxygen, putting severe stress on the fish population downstream. Boosting that dissolved

oxygen means happier fish — and happier fishermen!

AmerenUE engineers devised ways to make vents above the "runners" — the water wheels that turn the turbine generators — work more efficiently. These vents mix air with water as it goes through the power plant, thus increasing the oxygen levels in the water discharged downstream. The plant staff also found that by alternating operation of the generating units at night — when dissolved oxygen is lowest — they can discharge water with higher oxygen levels more evenly throughout the river.

The result: AmerenUE doubled the amount of dissolved oxygen in water discharged from the dam during times of the year when fish populations have been most affected. What's more, peak dissolved oxygen has reached levels higher than are known to have been achieved at any other hydro project that uses turbine venting. Not only has this greatly enhanced the fishery, but the improvements were achieved at minimal cost and with minimal impact on power generation — a "win-win" situation for both the environment and low-cost energy production. •

generation — a "win-win" situation for both the environment and low-cost energy production. •

### FISH STOCKING

From the time Bagnell Dam was built, AmerenUE has worked to boost the lake's fishery through a fish stocking program. The company operated its own fish hatchery until 1997, when it signed an agreement with the Missouri Department of Conservation to conduct fish stocking at the lake.

Supported by an \$80,000 annual grant from AmerenUE, the new arrangement has resulted in a greater diversity of species being stocked in the lake than was possible with the small hatchery operation in the past. During 2000, 183,000 striped bass, 176,000 hybrid striped bass, 8,190 paddlefish and 801,000 walleye "fry" were introduced into the lake under this program. •

### EDUCATING THE PUBLIC

Over the past few years, AmerenUE has conducted several new projects aimed at educating the public about the lake and the importance of protecting and enhancing the lake's natural resources for the benefit of future generations. Those efforts gained national recognition in 2000, when the National Hydropower Association granted its prestigious "Hydro Achievement Award" to AmerenUE for three public education projects completed in the past two years. Those projects include the preservation of Willmore Lodge and creation of a Lake of the Ozarks historical museum, the dedication of a new scenic overlook on a hill above Bagnell Dam and the creation of a fish and bird observation area at the dam itself.

Willmore Lodge, on Business Route 54 about one mile north of Bagnell Dam, once served as an administration building and lodge to house dignitaries visiting the dam's construction site. The log structure had fallen into disrepair and was in danger of being demolished when AmerenUE re-acquired it in a bankruptcy auction. Today, for a nominal fee, AmerenUE leases the building to the Lake of the Ozarks Area Chamber of Commerce, which has restored it for use as a visitors' center and chamber offices. AmerenUE has also developed a museum highlighting the past, present and future of the lake in one wing of the building.

The scenic overlook, located on Upper Power Plant Road, provides a spectacular view of the lake, dam and Osage River. Facilities include an observation deck, cement patio, shelter house and parking area. They also include informational signs about the history of the lake and dam, plus historic photographs showing how the Osage River Valley looked from that same location before the dam was built.

With help from the Missouri Department of Conservation, AmerenUE also developed a fish and bird observation area along a walkway leading to the Osage Plant's main office on the downstream side of Bagnell Dam. It includes informational signs to help visitors identify the fish and birds they can observe from that location. Signs are changed periodically to highlight the species present at different times of the year.

The public is welcome to visit all of these facilities at no charge. •

# Keeping It Clean

## Cleanups Worth Their Weight in Trash

Thanks to hundreds of dedicated people, the Lake of the Ozarks gets a "spring cleaning" twice a year. Sponsored by AmerenUE, last year's spring and fall cleanups collected the second highest amount of trash ever: 2,716 cubic yards, weighing a hefty 186 tons!

Started in 1992, the Annual Shoreline Beautification Cleanup seeks to reduce the amount of trash that accumulates along the lake's 1,150 miles of shoreline. The Adopt-the-Shoreline program, founded in 1994, provides a core group of volunteers to clean the lake and oversee the annual Shoreline Beautification Cleanup.

In 2000, 558 volunteers from 54 Adopt-the-Shoreline groups participated in the spring cleanup, collecting a total of 2,188 cubic yards of trash, weighing in at 150 tons. AmerenUE covered the cost of disposal, including the use of "rolloff" dumpsters and several trucks at a cost of \$35,000.

In the fall, 115 volunteers from 14 groups collected 530 cubic yards of waste, weighing 36 tons — the second highest total ever for a fall cleanup! AmerenUE again paid for disposal, at a cost of almost \$9,000.

In addition to offering their time, many volunteers supply boats. One lake resident even picks up five miles of trash every weekend, by herself.

Why so much trash? As more and more lake area is developed, the population increases, and so does the trash. That's why membership in the Adopt-the-Shoreline program is so essential. To date, the program is comprised of 65 groups that have adopted 438 miles of shoreline. Membership is growing fastest among condominium associations, neighborhood associations, and couples or individuals.

Members receive information about the program and other events through a handbook, provided to all members, a quarterly newsletter, and an orientation held every February. These efforts provide information about when people

can help, what tools they need to bring and how the events are organized.

Along with the efforts of so many dedicated people, a task force has been established to study the problem of dock foam (expanded polystyrene or EPS), which makes up 85% of trash on the water.

Consisting of 25 volunteers, the task force includes representatives from different chambers of commerce, members of the water patrol, private individuals, members of the Dock Builders Association, marine dealers, Department of Natural Resources, and Adopt-the-Shoreline zone coordinators.

Their goals are to determine why EPS is littering the shoreline, to review the regulations and laws regarding the disposal of the foam, and to create a list of recommendations.

ions to send the Adopt-the-Shoreline advisory board.

While some of the foam in the lake is the result of illegal disposal, much of it comes from derelict or abandoned docks.

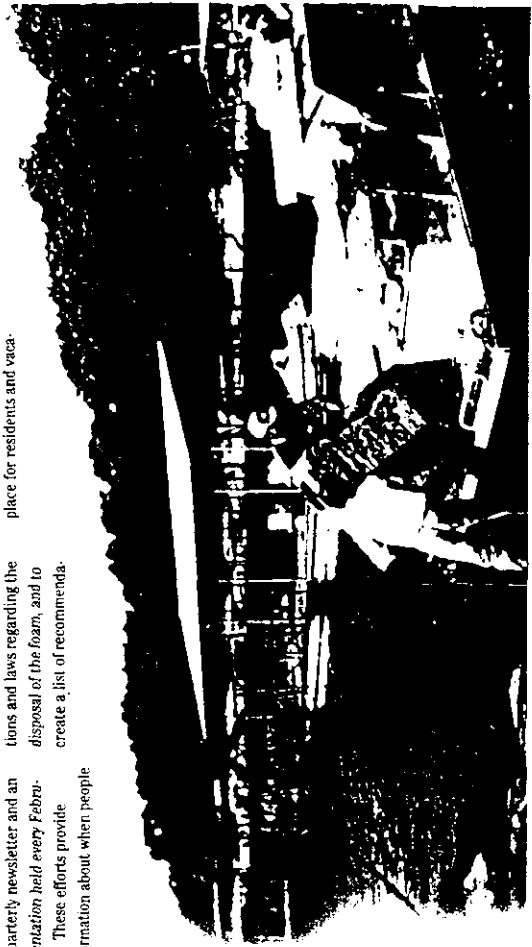
In 1995, the requirement for dock flotation changed, imposing limits on what materials can be used for flotation. Before, EPS was commonly used for flotation, but eventually it becomes water-logged and breaks apart. Only the encapsulated foam is acceptable for flotation. It is more durable, and it doesn't absorb water.

Each year, thanks to the efforts of many involved participants, the Lake of the Ozarks remains an enjoyable, clean place for residents and vaca-

tioners. But the task of keeping it clean doesn't end there. It's up to all the people who enjoy the lake to dispose of waste responsibly.

To join Adopt-the-Shoreline or for more information, call (573) 365-8310. Volunteers for one or both cleanups are always welcome. Donations and loans of materials, like pontoon boats or other equipment, are also needed.

You can also help by recycling or disposing your own trash in a responsible way and encouraging your neighbors to do the same. Through the combined efforts of AmerenUE and the community, we can assure the Lake of the Ozarks remains a beautiful place to enjoy year after year! •



# Going with the Flow

## Lake of the Ozarks Guru Tries to Keep Water "On the Level"

Helping one of the largest man-made lakes in the world fulfill its responsibility is no small task.

Just ask Charlie Kempf, superintendent of operations, Osage Plant and hydraulic engineer. Over his 30 years at Amerent/E, the last 10 at Osage Plant, he's grown used to balancing the needs of the lake, the Osage River, and the people who rely on both.

"One of the most challenging jobs is maintaining the water level at the lake while generating power, even during periods when we have low water levels," says Kempf.

### FERC SETS WATER LEVELS

In compliance with the FERC license requirements, the water level must remain at 650-660 feet above sea level, although Amerent/E's federal license permits it to go as low as 645 feet in an emergency. Normal levels run between 654-660 feet above sea level.

"We also have to keep in mind different needs and concerns. That can be a challenge when the demand for energy is at its peak," he says.

Osage Plant is not only concerned about generating power. It also must consider the needs of recreational boaters, farmers downstream, fishermen, environmentalists, residents, and businesses that rely on the lake for their livelihood.

In an effort to maintain these levels, Kempf, along with Amerent/Energy (Amerent's energy trading subsidiary) and Amerent/E's energy dispatch area, develops a yearly "guide curve." The guide curve is a graph used to outline the optimal lake levels maintained at different times of the year.

The dispatch area establishes how much power is needed and from which plant. "They create a plan for energy," explains Kempf.

If some power is not immediately needed, Amerent/Energy finds markets where that extra energy can be sold.

### FULL LAKE LEVELS

This past summer, despite minimal rain, Kempf and his team maintained full levels at the lake. At least until August.

"We had to work hard to use the water wisely and maintain our levels. Despite the heavy demand, we stayed above our established curve to keep the water levels up," says Kempf. "It's a tribute to good management."

The minimum amount of water released is 450 cubic feet per second, which helps maintain the aquatic life. The maximum flow through the generators is 34,000 cubic feet of water per second.

During peak demand periods with no rain, the plant can drain 1.5 feet of water per day from the lake at full generation.

"If we release too much water, the downstream region can get flooded, and if the levels get too low in the lake, we not only generate less power, but it creates problems for boats and dock owners," explains Kempf.

### LAKE REPORT PHONE LINE

How do low levels affect residents and owners at the lake?

"People need to be aware not just of the levels in their area but the entire lake. If the levels drop too much, boats can become stuck in coves or their docks," says Kempf.

Information on lake levels can be obtained by calling Amerent/E's Lake Report at (573) 365-9205. Kempf revises the update every week day.

"The lake reports provide information on what is happening at the lake on a daily basis. If the forecast calls for the levels to drop, people can make plans to minimize damage to their property," Kempf adds.

### TIPS FOR LOW LAKE LEVELS

Low water levels are not uncommon in winter months. In addition to checking the hotline for information, here are other precautions residents can take in cold weather:

- Disconnect hinges linking docks, seawalls and piers to allow the entire structure to fall with the water level.
- Lengthen cables on docks to allow them to drop as the water drops.
- Use divers or hydro hoists to protect against ice damage.
- Ask a neighbor, local boat dealer or a dock builder to care for your dock in your absence.

For a list of members of the Dock Builders Association, call the Lake and Shoreline Protection hotline at (573) 365-9203. •



# Permits Protect

As the owner and operator of Bagnell Dam and The Osage Power Plant, which created Missouri's Lake of the Ozarks, AmerenUE conducts a number of shoreline management activities as required by Article 41 of its federal license to operate and maintain the Osage Project.

The license, issued by the Federal Energy Regulatory Commission (FERC), allows AmerenUE to establish a program to issue permits giving lakefront property owners the privilege of having a boat dock or other structure on the lake. Among AmerenUE's shoreline management activities, the permit program is clearly the most misunderstood.

Why issue permits? The permit program helps ensure that structures on the lake meet standards to prevent them from affecting navigation, polluting the lake, or interfering with the safe and reliable operation of the dam and power plant. The program also helps protect property values by requiring that all docks and other shoreline structures be maintained in good condition and by removing docks that have been allowed to deteriorate and become an eyesore. AmerenUE assumed responsibility for the permit program in 1992. Before that, the U.S. Army Corps of Engineers issued permits.

"Although our permit program remained essentially the same for a long time, in recent years we've made a number of changes aimed at improving the program, and that's caused a lot of confusion and misunderstanding," says Jeff Douglas, AmerenUE real estate supervisor, who heads the permit program.

Douglas says the first big change came in 1995, when AmerenUE issued new dock construction standards banning the use of white foam flotation material that had become the number one source of man-made debris in the lake. Docks that already used the foam were "grandfathered" — meaning owners of docks with foam that was still in good condition did not have to replace it right away. However, when the material finally did wear out, it would have to be replaced with an approved flotation material.

## PERMIT FEES INTRODUCED

Faced with the skyrocketing cost of conducting and enforcing the permit program (the number of permits processed per year rose from just under 900 in 1986 to more than 5,000 in 1996), in 1997 AmerenUE began charging a one-time processing fee for new permit applications. When fee revenue still fell far short of covering expenses, in 1999 AmerenUE introduced a new fee structure that included an annual "use fee" for large docks and a lump sum use fee for smaller docks.

Douglas says that, while most lake residents and businesses appear to accept the need for fees, a coalition of large dock owners has continued to oppose the fee structure. He notes that FERC recently upheld the second of two rulings confirming AmerenUE's right to charge fees and the "reasonableness" of those fees. He also notes that despite the written FERC rulings, some misunderstanding continues.

"We chose the current fee structure after reviewing fees at other lakes around the country," Douglas says. "Every penny we collect in fees goes into shoreline regulation and enforcement. AmerenUE continues to absorb the entire cost of other shoreline management programs, which are not covered by fee revenue, such as mosquito spraying and shoreline cleanup activities."

## NEW ENFORCEMENT TOOL

Permits have always been required for docks at the Lake of the Ozarks. AmerenUE realizes that a portion of the docks still do not have permits. But the company will soon have a new enforcement tool, thanks to a new Geographical Information System (GIS).

"A contractor working for AmerenUE took aerial photos of the entire shoreline and then used digital technology to pinpoint the location of every dock on the lake," Douglas says. "They're now reviewing the photos and county records for every lakefront parcel and matching them to our database of existing permits. When this project is complete in early 2001, we will have an important new tool to identify unpermitted docks, giving a big boost to our enforcement efforts."

## FACTS ABOUT PERMIT FEES

As AmerenUE beefs up enforcement of the permit program, the company continues to receive many questions about permits and fees. Here's a summary of the current fee structure:

- Applicants pay a \$100 processing fee for a new permit for a one-slip boat dock, plus \$25 for each additional slip.
- If a dock owner with an existing permit makes a modification — such as adding boat slips, rebuilding the dock, or moving the dock to a new location on the same property — a \$50 permit modification fee applies. This fee covers the addition of one boat slip. If more than one slip is added, there's a \$25 fee for each additional slip.
- The fee for transferring a permit from one owner to another is \$25.
- Owners of docks larger than 3,000 square feet are charged an annual use fee of 4.5 cents per square foot. Owners of smaller docks are not charged an annual fee, but they are charged a use fee when they apply for a new permit or a modification to an existing permit.
- For docks between 1,800 square feet and 3,000 square feet, the use fee is \$400, while for docks smaller than 1,800 square feet, the use fee is \$250.
- Applicants for new permits or permit modifications must pay both the applicable permit processing fee and use fee.
- A \$500 "enforcement fee" may be charged to dock owners who fail to obtain a permit or who do not comply with the requirements of an existing permit.

For a copy of the complete permit regulations, with guidelines on how to prepare an application, call (573) 365-9203. Computer users with access to the Internet can find the complete regulations, along with a permit application form, on Ameren's Web site ([www.ameren.com](http://www.ameren.com)). Requests for permit applications or permit questions can also be sent to AmerenUE's special Lake of the Ozarks E-mail address ([Lake@ameren.com](mailto:Lake@ameren.com)).

# License Renewal

## "Stakeholders" Play a Key Role

Representatives of a wide range of organizations and interests at the Lake of the Ozarks spent 2000 working on a very complex project — the relicensing of AmerentLE's Bagnell Dam and Osage Power Plant. AmerentLE's federal license directs how the company will operate the plant, manage the shoreline and serve as stewards of the water resource.

AmerentLE's existing 30-year license from the Federal Energy Regulatory Commission (FERC) expires Feb. 28, 2006. Hydro plant license periods can range from 30 to 50 years, and AmerentLE plans to seek a new 40-year license. However, a new license application must be prepared for FERC review no later than Feb. 28, 2004. Officials of other hydro projects that have gone through the relicensing process in recent years have one piece of advice — start early.

Relicensing is important to everyone who has a "stake" in the future of the lake because the new license will govern AmerentLE's operations at the lake for decades to come. That's why AmerentLE began the process by seeking active participation from persons with a wide range of interests.

"We invited people representing every interest we could think of," says Jerry Hogg, AmerentLE superintendent of Hydro Regulatory Compliance, who is heading the relicensing project. "In December 1999, we contacted more than 130 organizations and individuals, asking if they would like to participate. They include resource agencies, elected officials, flood control and downstream interests, small business owners, environmental groups, business and economic development organizations, the boating industry and members of local communities. Consultants from Duke Engineering & Services and Kearns & West, who have extensive experience in hydro plant relicensing, were also brought in to assist."

About 50 people attended an introductory meeting on Dec. 12, 2000, with subsequent meetings held nearly every month. Attendance has varied, but a "core group" of about 25 has participated in almost every meeting.

One of the stakeholders' first tasks was to decide which relicensing method to use. Both AmerentLE and FERC favored FERC's new Alternative Licensing Process (ALP), rather than the traditional process used in the past. The ALP promotes problem-solving at the local level by encouraging extensive stakeholder participation from the very beginning. After discussing the issue at two meetings, participants chose to follow the alternative process. Then the real work began — identifying the key concerns of each stakeholder group and determining how to address those concerns in the licensing process.

The task force spent most of 2000 identifying information needs and what studies may be necessary to gather that information. They developed the Initial Consultation Document, which provides information on existing resources associated with the Osage Project. They also developed the Initial Scoping Document, which is aimed at identifying key issues and the "scope" of studies that will be conducted to address those issues. These studies address not only environmental concerns,



The complex process of relicensing AmerentLE's Osage Plant and Bagnell Dam involves balancing competing interests like upstream recreation and downstream flood control. To reach agreement on as many issues as possible before submitting a relicensing application to the Federal Energy Regulatory Commission, AmerentLE has invited "stakeholders" representing a wide range of interests to actively participate in the relicensing process.

but also historic preservation, recreation and socioeconomic issues.

The next step will be a public meeting Feb. 21, 2001, to give the public an opportunity to review and comment on the work the stakeholders have done so far. To accommodate as many people as possible, both an afternoon and an evening session are planned.

Then the major work will be back in the hands of the stakeholders again, as they continue efforts to reach consensus on as many issues as possible — before the formal relicensing application is sent to FERC.

"Our hats are off to the stakeholders who have made a continuing commitment to this project," Hogg remarks. "Some are from resource agencies, and it's part of their normal jobs. But meeting once or twice a month for several years is quite a lot to ask of small business people and others who are serving as unpaid volunteers." •

# Lake Views

## A Visit with Dan Jarvis, Osage Plant Manager

"I call revolves around Bagnell Dam," says Osage Plant Manager Dan Jarvis, when asked about the relicensing project taking place at the Lake of the Ozarks. "What we do affects a lot of people on both sides of the dam." Jarvis should know. He's been running the dam and Osage Hydroelectric Plant for more than 11 years. But in the year 2000, he became involved with one of the biggest projects at the dam since construction ended in the 1930s: the six-year process to renew AmerenUE's operating license for the dam and plant.

Jarvis took some time out of his schedule recently to talk about relicensing, the Lake of the Ozarks and the future of Bagnell Dam and the Osage Plant.

**Q. Under what authority does AmerenUE operate Bagnell Dam and the Osage Plant?**

**A.** Bagnell Dam and Osage Plant have operated for the past 70 years under a license from the Federal Energy Regulatory Commission (FERC), the government agency that oversees transmission of power and other activities of electric utilities in the United States. The license regulates everything from how we release water through the dam to how we spray for mosquitoes.

The original license expired in 1976, and after some extensions, we finally obtained a new license in 1981, postdated to 1976. That license expires in 2006. So we are currently working on our third license from FERC.

**Q. What has the relicensing process been like?**

**A.** In early 2000 we started meeting with various stakeholders at the lake. The core group of most interested stakeholders numbers around 25 people, including representatives of state agencies, community groups and others who have an interest in the lake and the Osage River. We will continue meeting with stakeholders through 2003.

The meetings have been very productive. Our goal is to identify the key issues at the lake. The next stage is reaching agreement on how to resolve those issues so the process can move along as smoothly as possible. We plan to have as many issues as possible resolved, and the application assembled, by February of 2004. This allows a period of two years for the FERC to review the license application and request any additional information they feel is needed to address all of the concerns, prior to the expiration of the existing license on Feb. 28, 2006.

**Q. That seems like a long time. Why is the process so slow?**

**A.** The timetable allows all interested parties to voice their concerns. The entire group addresses the issues, and

then AmerenUE determines which need additional data for resolution. Field studies are conducted over a two-year period to gather information. Following the study period, the data is analyzed and the best solution agreed upon by the responsible parties. It is critical that we have the proper information to base any power plant operational decisions upon. The license will be in effect for a long period of time and will affect not only people around the Lake and the Osage River, but all of our electric customers as well.

**Q. What key issues have you identified?**

**A.** Downstream from the dam, the most prominent issues are bank erosion and flooding. These are obviously related to AmerenUE because the company controls the flow of water through Bagnell Dam.

Upstream, AmerenUE's role in shoreline management is a major issue. AmerenUE is charged with shoreline management by the existing FERC license. Included in that responsibility is the issuing of permits for docks and seawalls. Most seawalls and docks at the lake are constructed upon, or anchored to, AmerenUE property.

An issue that affects the lake — up and downstream — is the environment, especially the dam's impact on fish and other species, like mussels. AmerenUE is proud of the role we have played in economic development, fish stocking, improving dissolved oxygen levels and other wildlife preservation efforts at the lake, and we look forward to continuing that tradition under a new license.

**Q. We hear a lot about combustion turbines that run on natural gas or oil. Are hydroelectric plants still necessary?**

**A.** They certainly are. Hydroelectric power is a clean, inexpensive, environmentally friendly way to produce electricity at times of peak demand. It uses natural forces — water and gravity — to turn its turbines, unlike a plant that burns coal, oil or natural gas to generate electricity.

Almost 100 million barrels of oil would be needed to generate as much electricity as Osage Plant has generated over its 70 years of operation. This is a renewable resource, and as such, is very important to our economy and the environment.

**Q. What's in store for the Osage Plant in 2001 and beyond?**

**A.** As the electricity markets become more competitive, inexpensive hydroelectric power, like that generated at Osage Plant, will become increasingly important. As a result, we will be replacing two turbines at the plant that have been operating since it started generating power in 1931. The new turbines will run more efficiently so that we can generate more electricity.

We'll start taking apart the old turbines this fall, and the new turbines will arrive toward the end of the year. We plan to put an old turbine, which weighs about 50 tons and is 12 feet in diameter, on display near the scenic overlook above the dam. We will also apply to upgrade two other turbines.

Also in response to the changing energy marketplace, it is important to centralize activities and work smarter. Osage Plant will soon be the central point of control for all three of AmerenUE's hydroelectric plants. Osage has controlled the company's Taum Sauk Plant for years, but soon it will also control the Keesuk, Iowa, hydro plant. One person in Osage's control room will be able to turn all three plants on or off with the push of a button.

Osage Plant also works continuously with AmerenUE's Energy Supply Department, headquartered in downtown St. Louis, to monitor the amount of water in the lake, the water flowing into it, and how those factors influence the plant's ability to generate electricity.

For all these reasons, Osage Plant is, and will continue to be, a critical part of AmerenUE's system. •



#### PRESERVING THE PAST: NEW LIFE FOR OLD PHOTOS

When AmerenUE's Bagwell Dam and Osage Power Plant were built in 1931, photographers carefully documented each stage of the massive project. The result? Roughly 650 high-resolution black and white photos showing everything from the Osage River Valley before work began to the site when the project was completed.

For nearly 70 years, the 8 x 10-inch negatives remained in manila folders in a file room at the plant. Now the photos are getting a new life in digital format — preserving them for future generations, and at the same time, making them more accessible to the public.

"These old construction photos have been very popular, and some of the negatives have been borrowed numerous times over the years — for use in things like history books, brochures and calendars," says Osage Plant Manager Dan Jarvis. "Unfortunately, the more the negatives are handled, the more they can be damaged. We decided to convert these negatives to digital format to preserve them from further deterioration and yet make the photos available to historians and others who wish to use them."

In early 1999, Jarvis and Maintenance Superintendent Alan Sullivan began working with local photographer Cliff Keeler to get all of the negatives digitized



Bagwell Dam, under construction in 1931.

and stored on compact disks. To protect the negatives, Keeler hand-carried 150 at a time to a photo lab in Kansas City. The lab used a special high-resolution scanner to convert each image to digital format. Once digitized, imaging software was used to "repair" scratches or other defects that were in the original photos. Keeler says one negative actually shattered when it was removed from the scanner, but since it had already been digitized, the image was saved.

Jarvis says digitizing the old negatives has provided other benefits, beyond simply preserving them. "The digital images allow you to do things you couldn't do before. With the digital photos, you can zoom in and see the expressions on people's faces — even read license plates," Jarvis adds.

Osage Plant's original negatives are now stored under climate-controlled conditions at the Missouri State Archives in Jefferson City. •



#### AMERENUE CONTACT INFORMATION

E-mail address: [Lake@ameren.com](mailto:Lake@ameren.com)  
Ameren Website: [www.ameren.com](http://www.ameren.com)

Lake and Shoreline Protection Hotline  
(to report pollution problems, derelict docks or other concerns affecting the lake)  
(573) 365-9203

For information about permits for docks, seawalls and other structures on the lake  
At the Lake: (573) 365-9203  
Outside the Lake Area: (314) 554-4259  
Fax: (314) 554-2570

Lake level information  
(573) 365-9205

For information about new connections and other AmerenUE services  
1-800-552-7583

Provided on behalf of AmerenUE Power Services



**Worship Services**

**9:30 a.m.** - High School

**10:30 a.m.** - Fellowship (Nursery Pro-vided)

**10:45 a.m.** - Sunday School, Nursery provided

**11 a.m.** - A.U.C.

**11:30 a.m.** - The People's Church

**12:30 p.m.** - Bible Study

**1:30 p.m.** - Bible Study

**2:30 p.m.** - Bible Study

**3:30 p.m.** - Bible Study

**4:30 p.m.** - Bible Study

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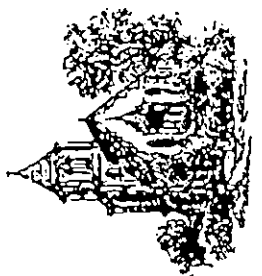
**KIRKSVILLE DAILY EXPRESS**  
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110 E. McPherson,  
665-2803

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665-2803

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665-2333

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204 W. Cotnamwood,  
Toll Free 1-800-552-7583

**KIRKSVILLE DAILY EXPRESS**  
P.O. Box 8199,  
110 E. McPherson,  
665-2803



*AmerenUE*

# AmerenUE

**B**iting into a hot dog, licking an ice cream cone and switching on a light are ways to sample some of the excitement generated at the 1904 World's Fair, the St. Louis event that introduced America to the hot dog bun, the waffle cone and the joys of electricity. Union Company, AmerenUE's original name, powered the fairsgrounds, inspiring Charles Alva Beers to hail the event as "the electrical fair" in a 1904 edition of *The American Inventor*.

The fair prompted a flurry of home wiring, and Union, founded in 1902, turned up the current to begin a tradition of providing low-cost, reliable energy that continues today through AmerenUE.



The first power plant of what is now Ameren Corporation was in downtown St. Louis, near what is now Laclede's Landing. The plant built in 1902 has been a landmark in the city since 1972 and was sold to Bi-State Development Agency in 1983.

AmerenUE is an operating company of Ameren Corporation, the parent of energy trading and marketing, and fuels procurement companies plus an Illinois-based electric and natural gas utility, AmerenCIPS.

AmerenUE supplies electricity to 1.2 million customers and natural gas to 123,000 people in Missouri and Illinois, making it Missouri's largest electric company and the state's third-largest natural gas distributor.

The company paid its first, now uninterrupted, cash dividend in 1906, then spent the next three decades expanding territories, acquiring plants and completing Bagnell Dam on the Osage River. By the 1940s Union Electric's production outstripped demand, so with other power companies, the company built a multistate system of power transmission lines that links Ameren with 30 other providers. Ameren is now the nation's second-most connected utility company.

Expansion continued over the next 40 years, including a move into Missouri's gas market and the construction in 1954 of the state's only nuclear power plant. Near Fulton, Missouri, Callaway Nuclear Plant has set national records for safety, efficiency and production in its 17-plus years of service.

Union Electric merged with CIPSCO Incorporated in 1997 to form Ameren Corporation. The resulting organization provides energy services to more than 1.5 million customers in Missouri and Illinois. At that time, St. Louis-based AmerenUE had a generation capacity of 7,900 megawatts from one nuclear, five fossil-fuel and three hydroelectric generating plants. The merger prepared both utilities for competitive markets, resulting from provider choice legislation enacted in 1997 in Illinois. Today, Ameren's generating capacity has reached 12,600 megawatts and is growing with capacity additions in Illinois.

AmerenUE has built its generating strength while reducing emissions, protecting wildlife habitats and investing in research. Among the prestigious awards the company has received are a 1998 Missouri Governor's Pollution Prevention Award, a 1997 Marlin Perkins Award for supporting a program to install hatching boxes for songbirds on utility poles, and the 1993 Edison Award, the industry's most prestigious honor, for its response to devastating Midwest flooding.

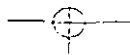
AmerenUE offers assistance with energy bills to low-income customers, and long-life, high-efficiency lighting to community parks, schools and sporting venues.



About 100 years ago, Union Company powered the region's charge into the age of electricity. This century, AmerenUE stands ready to lead the industry in developing cleaner methods for generating power while consistently meeting its customers' needs for low-cost, reliable energy.

Ameren's largest plant at 2,300 megawatts, Callaway Plant in Franklin County just outside St. Louis — set multiple records in 2000, burning 9 million tons of coal and generating more than 15 million megawatt hours of power.

St. Louis Gateway to History



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Comedy City, 3000 Charlotte, Kansas City

Culinary Concepts LLC of Crown Center, 2450 Grand Suite 321, Kansas City

Grandma's Deli & Bake Shop, 120 W. 12th Street, inside Twelve Wyandotte Plaza, Kansas City

Hyatt Regency Crown Center, 2345 McGee Street, Kansas City

Hereford House Restaurant Group, 2 East 20th Street, Kansas City

Capri Casino-Kansas City, 1800 East Front Street, Kansas City

Westport Inn, 500 Westport Road, Kansas City

The Majestic Steakhouse, 931 Broadway, Kansas City

Union Call, 30 West Pershing Road, Kansas City

Special thanks to Midwest Express Airlines for their donation of the chocolate chip cookies at registration and their airline tickets for the raffle.



# *Lake of the Ozarks Permit Requirements*

A Reference Guide  
For Property Owners And  
Builders/Contractors

**CONTENTS**

<b>Introduction</b>	<b>1</b>
<b>Permits</b>	<b>2</b>
Application Process	2
<b>Fees</b>	<b>4</b>
Processing Fees	4
Use Fees	4
Enforcement Fees	4
<b>Procedures</b>	<b>5</b>
Transfer of Ownership	5
Expiration	5
<b>Guidelines</b>	<b>6</b>
Boat Dock Placement	6
Boat Dock Specifications	8
Bank Stabilization Guidelines	12
Deck/Pier Guidelines	12
Excavation/Fill Guidelines	12
Lake Fluctuation Policy	14
<b>Application Forms</b>	<b>15</b>
<b>Glossary of Terms</b>	<b>25</b>
<b>Contacts</b>	<b>Back Cover</b>

# Glossary of Terms

**Breakwater:** a structure used to protect docks by stopping or slowing waves or wakes

**Antilever:** referring to a dock that extends over the lake or shoreline and is supported by a seawall or piers

**Creosote:** a material used to treat and preserve wood. Wood treated with creosote is prohibited at Lake of the Ozarks.

**Dead load:** the weight of the entire dock structure, including all permanent attachments such as bumpers, dock boxes, winch stands and roof structures.

**Dead load freeboard:** the distance from the top of the water to the bottom of the dock's structural frame (a minimum of 2' in these regulations)

**Horizontal and vertical slope:** this refers to the side of an excavation area. From the bottom of the excavation, the side must be sloped at horizontal feet for each 1 foot vertical rise.

**Lake mile:** mile markers on Lake of the Ozarks as established by the Corps of Engineers, for the main channel and arms of the Lake. Mile marker "0" starts at Baggett Dam and runs upstream towards Truman Dam.

**Leeward:** The leeward side of a point or structure is the side that faces the lake. The opposite side is the landward side.

**Live load:** vertical: the weight of people, ice and snow. Horizontal: the force of wind, waves and boat wakes against a dock.

**Levee:** same as creosote.

**Project lands:** all of the property rights acquired for the construction of Baggett Dam and the Usage Project as licensed by the Federal Energy Regulatory Commission. AmerenUE owns the majority of the shoreline property around the lake; however, the extent of this ownership does vary. Carefully check ownership records for your property prior to any construction near the lake.

**Ruflins:** the horizontal members of the roof structure used to support and attach the roof panels.

**Tip-top:** clean limestone or native rock that is 8" to 12" in diameter or larger.

**Setback:** the distance between the side property line extended leeward, and the closest point to the applicant's boat dock.

**Toe of the bank:** the bottom or lowest point of an eroded bank on the shoreline.

**Waterspace:** the area occupied by the dock (including the area within the slip), walkway, boat lifts, breakwater and any other structures.

**Wave action:** the force of a wave against the exposed surfaces of the dock and boats. Expressed in pounds per square foot (psf), it is used to determine the size of the anchoring system.

**Wetlands:** areas that are periodically or permanently inundated by surface or ground water and support vegetation adapted for life in saturated soil. These areas are also referred to as swamps, marshes and bogs.

**Wind loads:** the force of wind against the exposed surfaces of the dock and boats. Expressed in pounds per square foot (psf), it is used to determine the size of the anchoring system.



# Contacts

## ABOUT SEAWALLS AND DOCK PERMITS

AmerenUE  
P.O. Box 66149, Mail Code 700  
St. Louis, Missouri 63166-6149  
E-mail address: lake@ameren.com  
At the lake call: 573.365.9203  
Outside the lake area: 314.554.4259  
Fax 314.554.2570  
Lake level information: 573.365.9205  
About problems or concerns affecting the lake:  
Lake and Shoreline Protection Hotline 573.365.9203

## ABOUT NEW CONNECTIONS AND SERVICES PROVIDED BY LAKESIDE DISTRICT

AmerenUE  
P.O. Box 38  
Lake Ozark, Missouri 65049  
800.552.7583

## ABOUT U.S. ARMY CORPS OF ENGINEERS PERMITS

U.S. Army Corps of Engineers  
Truman Satellite Office  
Attn: CENWK-OD-RM-HT  
Route 2, Box 29C  
Warsaw, MO 65355  
660.438.6697  
660.438.6909 fax

About Buoy Permits: Missouri State Water Patrol  
573.751.3333

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[www.ameren.com](http://www.ameren.com)

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OUR COMMITMENT TO THE FUTURE

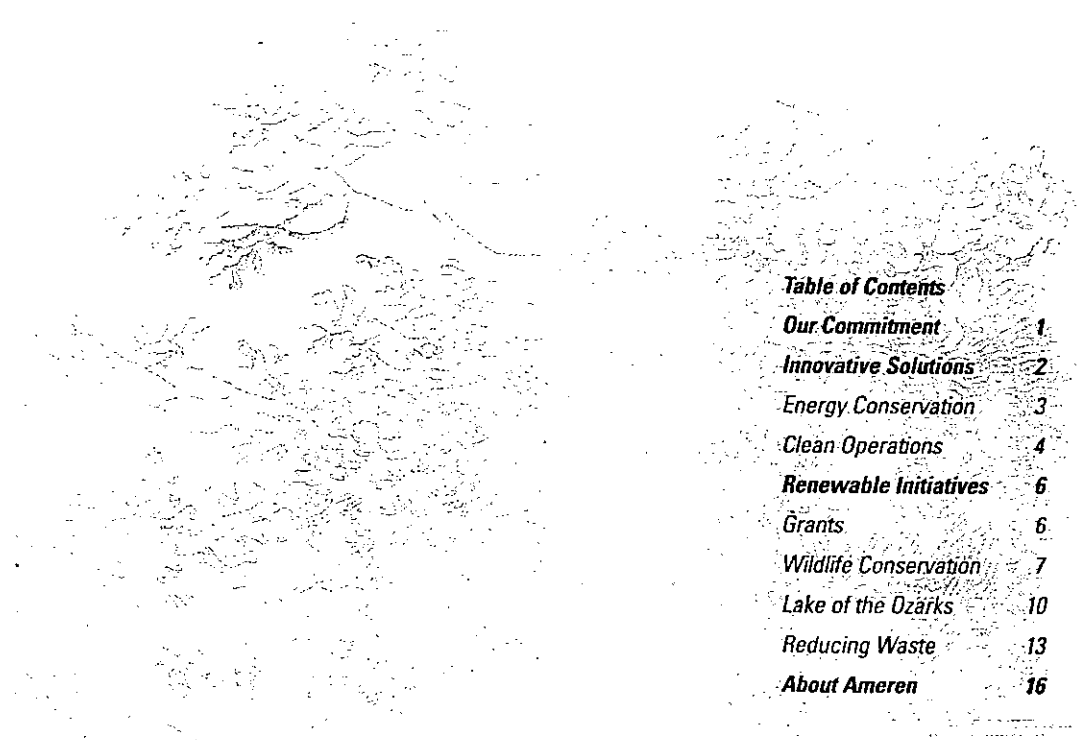


# *Protecting Our Environment*

Introducing Ameren's  
Environmental Initiatives:  
Our Commitment To  
Providing Clean, Low-Cost  
Energy While Protecting  
Our Environment

Schedule 4-88





**Table of Contents**

<b>Our Commitment</b>	<b>1</b>
<b>Innovative Solutions</b>	<b>2</b>
<b>Energy Conservation</b>	<b>3</b>
<b>Clean Operations</b>	<b>4</b>
<b>Renewable Initiatives</b>	<b>6</b>
<b>Grants</b>	<b>6</b>
<b>Wildlife Conservation</b>	<b>7</b>
<b>Lake of the Ozarks</b>	<b>10</b>
<b>Reducing Waste</b>	<b>13</b>
<b>About Ameren</b>	<b>16</b>

# *Our* Environment *Our* Future

At Ameren, we're committed to providing our customers with clean, low-cost energy, while preserving, protecting and, when possible, improving our environment for everyone to enjoy now and in the future. \* This is not an easy task. Sometimes we're limited by available technology and tough choices. But Ameren is always looking for ways to do things better – ways that will deliver dependable, low-cost energy in an environmentally sensitive way. \* The following pages describe some of the initiatives Ameren has taken to work with our communities, industry and government to meet our commitments.

# *Innovative Solutions*

## **FUNDING TECHNOLOGIES FOR GREENHOUSE GAS REDUCTION**

AmerenUE, in the mid 1990s, joined with other utilities to submit Climate Challenge Accords to the U.S. Department of Energy. The submission came in response to a government call for voluntary action to reduce greenhouse gas emissions. In its signing agreement, AmerenUE identified 19 programs expected to reduce emissions of greenhouse gases. These ranged from aggressive tree-planting programs and energy efficient lighting for business and institutional customers to power plant operating system upgrades. The company's Climate Challenge projects have reduced carbon dioxide emissions by nine million tons.

In addition, AmerenUE management participated in structuring an innovative jointly funded venture capital investment fund — EnviroTech. This financing vehicle encourages the commercialization of energy efficient electric technologies. Expanding the market for these technologies has already reduced emissions.

## **ENCOURAGING ELECTRIC TECHNOLOGIES**

### **FOR TOTAL ENERGY SAVINGS**

Electric technologies — or electrotechnologies — dry everything from paint to clothing with less total energy use than other approaches.

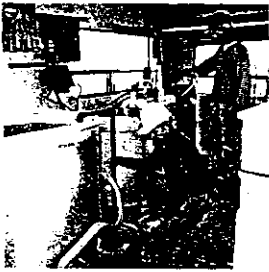
They eliminate emissions, solvents and

toxins, muffle noise in industrial processes and disinfect waste and water. They even strip aircraft paint.

Electrotechnologies are also an engine for growth.

They can serve as a strategic weapon for our customers in any competitive struggle. Ameren companies' marketing staffs have worked with many businesses and institutions to assess payback, reduce costs, cut emissions and improve operations through use of electric technologies.

Waste water purification serves as a case study for this initiative: Thanks to the efforts of AmerenUE, the St. Louis County Water Company and others, the Electric Power Research Institute opened the Community Environmental Center (CEC) at Washington University in St. Louis in July 1993. Working closely with the CEC, company energy advisors offer technical oversight for projects and energy process audits to help water companies across the region reduce costs, while improving water quality. The center also funds water and wastewater research projects across the nation and encourages the transfer and testing of electric technologies, while encouraging private-public sector collaboration in solving community environmental issues. To finance the CEC start-up, AmerenUE pledged \$550,000 over the first three-and-a-half years of its operation.



### ***Electrotechnologies***

These workers are using electrotechnologies to further purify public water supplies. AmerenUE has supported water and wastewater research through funding to the Electric Power Research Institute's Community Environmental Center—a national research center located at Washington University in St. Louis.

## Energy Conservation

### ENCOURAGING GEOTHERMAL HEATING AND COOLING

Ameren operating companies — AmerenUE and AmerenCIPS — have long supported the increased use of the geothermal ground-source heating and cooling system because this system is the most energy efficient on the market. A buried coil filled with an environmentally friendly fluid uses the earth's constant temperature to remove or add heat to a structure. Ameren companies have advised and offered funding for the installation of these systems in low-income housing projects and in institutional buildings.

In Park Hills, Mo., a geothermal system uses energy stored in an abandoned lead mine to heat and cool the Park Hills City Hall. A three-way venture between AmerenUE, the Electric Power Research Institute and the city of Park Hills paid for the system in the 8,100-square-foot building. The building sits above the abandoned lead mine containing 70 billion gallons of water at a constant temperature of 57 to 58 degrees Fahrenheit. In winter, water pumped from a well drilled 120 feet into the ground goes through a heat exchanger inside the building. The exchanger transfers heat from the mine water to a secondary water system with nine water loop heat pumps connected to it. The heat pump system then converts that heat into warm air. A second well returns the water to the mine for re-use. The cooling system reverses the process. Energy savings from the project covered the system's cost within a few years.



### Park Hills, Mo., City Hall

This new city hall gets low-cost heating and cooling with a geothermal heating, ventilating and air conditioning system that uses the natural energy stored in the earth itself — specifically, in an abandoned lead mine

### HABITAT FOR HUMANITY

In 1999, AmerenUE and Home Depot sponsored the first ever energy-efficient Habitat for Humanity home in the city of St. Louis. Building on the success of that project, the next year the company awarded \$70,000 to 10 Habitat for Humanity affiliates to make 34 homes built in AmerenUE's Missouri service area energy efficient.

AmerenUE engineers and Habitat for Humanity construction professionals developed stringent specifications for the new homes, including energy-efficient heating and air conditioning equipment, R-38 attic insulation and R-19 wall insulation, sealing and weatherstripping of all exterior joints and other construction modifications to reduce the loss of heat and cool air.

AmerenUE volunteers also helped to caulk and weatherstrip some of the homes and staffed clinics to teach homeowners how to save energy and money.

### Habitat for Humanity

Katz Mechanical Contractor's David Katz shows six Ford Elementary School third- and fourth-graders how to change an air filter. The children are learning about energy efficiency in a Habitat for Humanity Home that AmerenUE helped build as St. Louis' first energy-efficient Habitat Home. Ameren recently gave Habitat \$70,000 to make all Missouri homes in the company's service area energy efficient.



Schedule 4-92

**DEMONSTRATING ENERGY SAVINGS THROUGH SPECIAL PROJECTS**

AmerenUE is addressing the needs of low-income customers through the Gas Low-Income

Weatherization Program, begun in April 1998. Gas customers pay a small surcharge on their monthly gas bills to offset some costs. This program is offered

through a number of community action agencies throughout Missouri to help customers reduce their utility bills and improve home energy efficiency. Home energy audits and free installation of energy efficiency equipment are also offered to eligible customers through this program.

For a number of years, AmerenUE has also supported research to test the effectiveness of insulation and use of sealant in low- and moderate-income housing in the St. Louis metropolitan area.

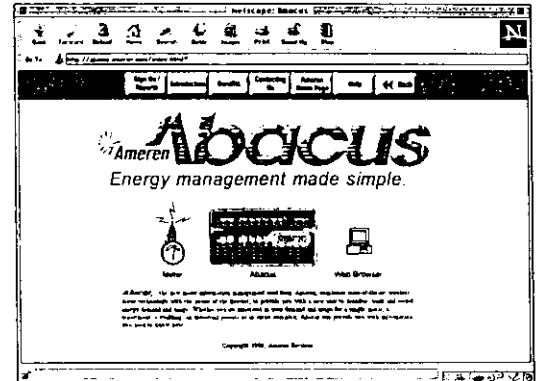
**HELPING BUSINESS REDUCE ENERGY COSTS**

In today's economy, industries are facing increasing competition; tougher government environmental regulations impose new restrictions and raise the costs of certain industrial processes. Technologies are continually being developed to improve product quality and efficiency, while addressing environmental compliance issues. Many industrial managers are not aware of these technologies.

Ameren operating companies can help businesses manage their energy costs. Ameren can recommend a number of energy auditing and advisory services for business customers. Some analyze motor efficiency, while others assess the cost-effectiveness of purchasing and installing new equipment.

**Ameren Abacus**

A wireless energy management tool, Ameren Abacus helps institutions, industries and commercial enterprises track their energy use by process, department and facility, using the Internet to deliver information



Ameren also offers a new product to help manage energy consumption — Ameren Abacus. This wireless energy management tool helps a range of institutions, industries and commercial enterprises track energy use throughout each business day — by building, department or process. Managers from any location can review this data on the Internet.

**Clean Operations**

**IMPROVING AIR QUALITY**

Ameren demonstrates its environmental sensitivity through a range of pollution prevention programs, pollution control technology research and installation and environmental protection initiatives that have reduced air emissions well beyond regulatory requirements.

Since the 1970s, AmerenUE has reduced emissions of sulfur dioxide by more than 65 percent; Ameren's Illinois-based generating plants, now part of AmerenEnergy Generating Co. (AEG), have cut sulfur dioxide emissions by 60 percent in that time period.

AmerenUE has reduced its nitrogen oxide (NO<sub>x</sub>) emissions rate by more than 50 percent below 1990 levels, while increasing the amount of coal burned by nearly a third. AEG plants have cut nitrogen oxide

emission rates by more than 25 percent, while burning 30 percent more coal.

Ameren has spent more than \$300 million to reduce sulfur dioxide and nitrogen oxide emissions from their power plants.

In a continuing effort to reduce emissions, the company has pioneered innovative combustion controls at its Sioux Plant in St. Charles County, Mo. As a joint project with the Electric Power Research Institute, Sioux Plant tested this new technology, called a "staged-combustion/overfire air system." Its use has resulted in nitrogen oxide reductions that are well below anything thought possible without using very expensive, ammonia-based post-combustion controls. This technology is reducing the plant's nitrogen oxide at a cost that is one-tenth that of the next lowest option. (Cyclone boiler plants, like the Sioux Plant, can't use standard low-NO<sub>x</sub> burner technology.)

To reduce nitrogen oxide emissions at its Labadie, Meramec and Rush Island Plants near St. Louis, AmerenUE spent more than \$40 million on low-NO<sub>x</sub> burner technology. The company installed computerized controls that monitor hundreds of variables on a nearly continuous basis and make fine adjustments to the air and fuel flow at the Labadie Plant, cutting NO<sub>x</sub> emissions.

For all these initiatives, Ameren was selected as a 1998 winner of the Missouri Governor's Pollution Prevention Awards, established to

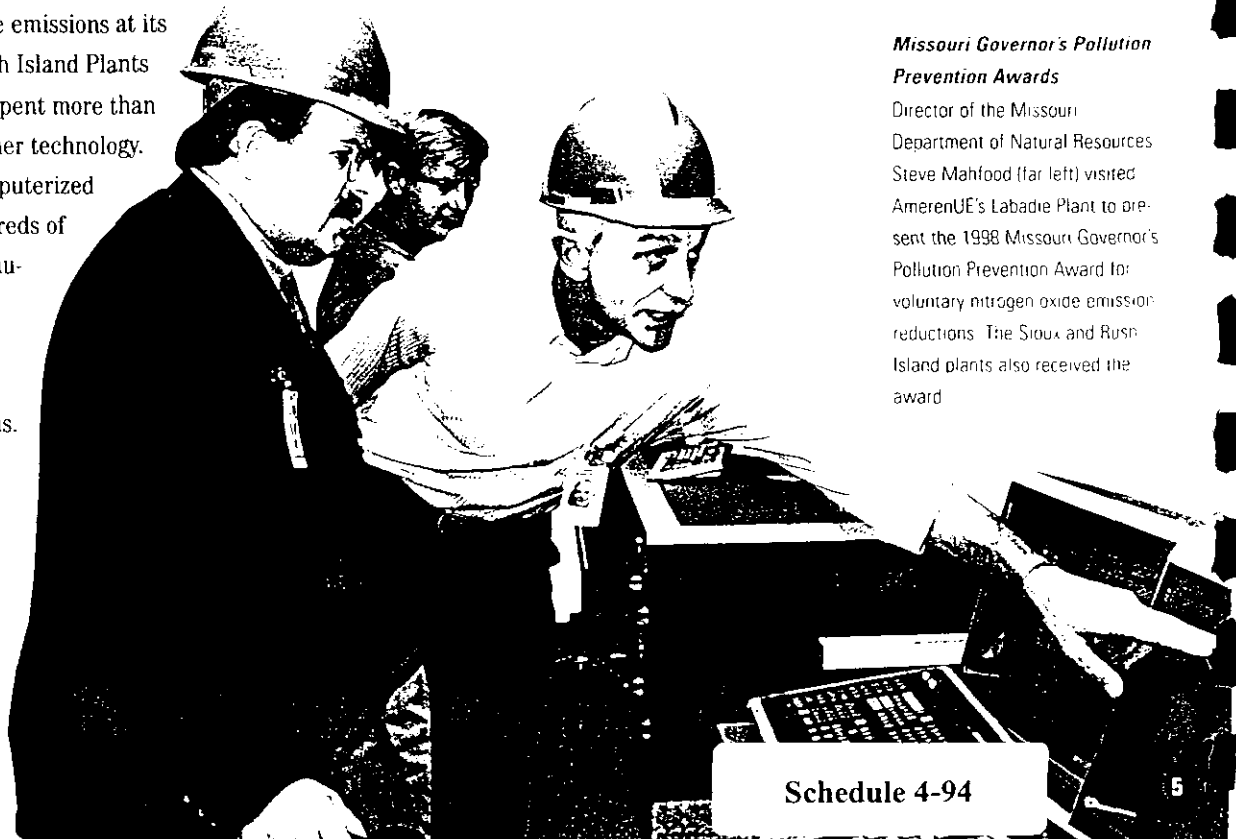


#### *Environmental Sensitivity*

Between January and March, dozens of bald eagles flock to AmerenUE's Sioux Plant in St. Charles County, Mo. Area residents and Sioux Plant employees enjoy viewing the majestic birds

honor businesses, organizations and communities that have shown outstanding commitment to improving Missouri's environment.

Two years later, the U.S. Environmental Protection Agency (EPA) recognized six AmerenUE generating units — including all four Labadie units and both Rush Island units — with the top spots among U.S. coal-fired power plants in terms of low-NO<sub>x</sub> emissions. According to the EPA, AmerenUE and AmerenEnergy Generating units rank among the top 13 of the 20 lowest emitting units in the nation for nitrogen oxide.



#### *Missouri Governor's Pollution Prevention Awards*

Director of the Missouri Department of Natural Resources Steve Mahfood (far left) visited AmerenUE's Labadie Plant to present the 1998 Missouri Governor's Pollution Prevention Award for voluntary nitrogen oxide emission reductions. The Sioux and Rush Island plants also received the award.

# Renewable Initiatives

## ANALYZING RENEWABLE ENERGY

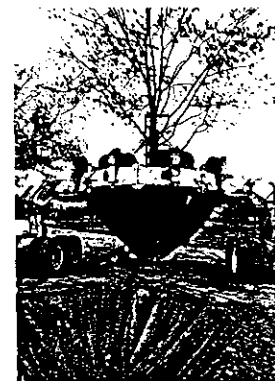
AmerenUE joined four other Missouri electric utilities and the University of Missouri-Columbia to assess wind resources available to generate electricity in Missouri and Illinois. The utility-sponsored study evaluated the technical and economic viability of potential windy sites in Missouri. Areas of the United States that experience high wind energy generally have unique topography or weather patterns; these unique features are not prominent in either state where Ameren companies operate. The most recent review of available wind speed data, topographic and geographic features and other factors also included installation of two, 130-foot towers that were used for several months to collect wind and solar power data. The analysis confirmed that the solar and wind resources in Missouri are marginal and highly uncertain.

AmerenUE has also funded studies of the feasibility of using a blend of coal and biomass fuels to produce electricity. Biomass energy comes from vegetation. Unlike other renewable resources, biomass is available around the clock, during all seasons, and it sequesters the greenhouse gas, carbon dioxide.

Ameren also owns three hydroelectric power plants — one in Keokuk, Iowa; one at the Lake of the Ozarks in Missouri; and a pumped storage plant in Southeast Missouri.

Hydroelectric power is available whenever the force of falling water is great enough to spin a turbine. The three AmerenUE plants can generate about 690 megawatts of energy, accounting for approximately 4 percent of total system capacity.

## Grants



### AMEREN GREENLEAF

Planting trees and gardens to promote clean air and conservation can earn nonprofit groups Ameren GreenLeaf grants. Since the program's inception in 1989, Ameren Greenleaf has funded 123 reforestation and landscaping projects valued at more than \$755,000.

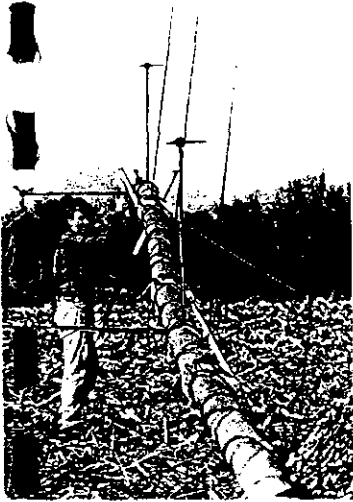
A panel of professional foresters annually select winning projects in central and southern Illinois from among dozens of applicants. In 1999, the program became available for the first time to nonprofits in the AmerenCIPS service area, including 66 counties across Illinois. More than \$66,000 in grants were awarded to 11 Illinois nonprofit organizations.

### COMMUNITY LIGHTING

The Ameren SmartLights program provides grants to selected civic, community, and nonprofit organizations in the Ameren service area for energy-efficient lighting equipment to improve indoor or outdoor lighting in public areas. Funds can be used to upgrade existing installations.

### Ameren GreenLeaf

St. Louis County's Faust Park benefited recently from an AmerenUE GreenLeaf grant. The grants fund reforestation and landscaping projects in the company's service area.



### Wind Power

Scott McDonald, of AWS Scientific, Inc., of Albany, N.Y., works on a tilt-up 130-foot tower that is lowered to service instruments, including a data collection device that features a cellular phone used to send data back to Albany for analysis. AmerenUE contracted with AWS to conduct a study of the viability of Missouri sites for use in developing renewable generating sources.

add energy-efficient lighting to areas that already have lights, or to areas that currently do not have any lighting.

Since the Ameren SmartLights program began in 1998, a total of \$1.25 million in grants has been awarded to fund 127 lighting projects across the Ameren service area.

#### ENERGY PLUS

Energy Plus grants provide nonprofit organizations with funds for weatherization, energy conservation or emergency needs of low-income families, senior citizens and the disabled. Funds may be used for training, education, enhancing an existing program, or purchasing items, like heaters or fans.

## Wildlife Conservation

### AMERENUE AND THE WORLD BIRD SANCTUARY

For many years, AmerenUE has supported the work of the World Bird Sanctuary, an organization devoted to the preservation of all birds through a variety of educational, captive breeding, rehabilitation and field study projects.

In 1985, AmerenUE provided the "seed money" to start an educational program on raptors (birds of prey) in St. Louis area schools. Through educational

programs such as Raptor Awareness Education Program, Traveling Talons Program and the Raptory Theatre, the World Bird Sanctuary each year reaches about 2,350,000 people, including 125,000 St. Louis students. The outreach program is now one of the largest of its kind in the U.S. and one of the most copied.

To reintroduce endangered peregrine falcons to this area, AmerenUE installed poles with hacking boxes for young falcons in Franklin, Callaway and Jefferson counties and in West Alton, Mo. Power plants in particular offer ideal habitats for the birds, which help to control troublesome populations of pigeons and starlings. Callaway Nuclear Plant, Labadie Plant, Venice Plant and Rush Island Plant all benefited from falcon releases on their property — an effort co-sponsored by the World Bird Sanctuary.

In 1992, AmerenUE began funding a World Bird Sanctuary program to encourage song bird nesting along transmission line rights-of-way. The Songbird Nestbox Project shows how rights-of-way can provide suitable habitat for song bird species, some of which are facing extinction due to habitat destruction. Many species had decreased in Missouri by 15 to 30 percent in the last 10 years. About 270 nesting boxes were placed on transmission towers, beginning at Babler State Park in St. Louis County and extending into Franklin County. Through annual reports to



#### Wildlife Conservation

World Bird Sanctuary staff band a peregrine falcon rescued from an exhaust fan ledge at AmerenUE's Venice Plant. The bird was one of a family that had set up house-keeping at the plant. They have now all been returned to the wild.



#### Ameren SmartLights

An AmerenUE Smart lights grant helped light up the East St. Louis Heritage Trail. The trail runs from the MetroLink stop at 5th and Missouri to the East St. Louis Community College. AmerenUE Illinois District Sales Supervisor Bill Hutchings, far right, helps flip the switch.



**Reform Conservation Area**

The Reform Conservation Area offers 6,300 acres of outdoor recreational activities on the grounds of the Callaway Nuclear Plant.

AmerenUE, the World Bird Sanctuary analyzes how many eggs are laid in the boxes, how many hatch, how many birds return to the boxes and what effects human activities, such as mowing, have on bird populations. More than 1,500 chickadees, wrens and bluebirds have hatched on utility poles since the program began. Every chick is banded with federal bands that allow biologists to track their movements in Missouri or wherever they migrate. AmerenUE received the Marlin Perkins Award in 1997 for its support of the nesting project.

AmerenUE has also received international attention for its work with the World Bird Sanctuary to discover why woodpeckers choose utility poles, rather than trees, as nesting sites. Funded by research grants from AmerenUE, 16 special nesting boxes were placed on power poles in 1995 to attract woodpeckers and allow the World Bird Sanctuary to observe and band the birds. The World Bird Sanctuary continues to monitor woodpecker behavior through the nesting boxes.

**World Bird Sanctuary**

Michael Cook, assistant director of the World Bird Sanctuary, bands a peregrine falcon at AmerenUE's Callaway Plant, as intern at the Sanctuary, Mary Ellen Novinger, holds the bird.



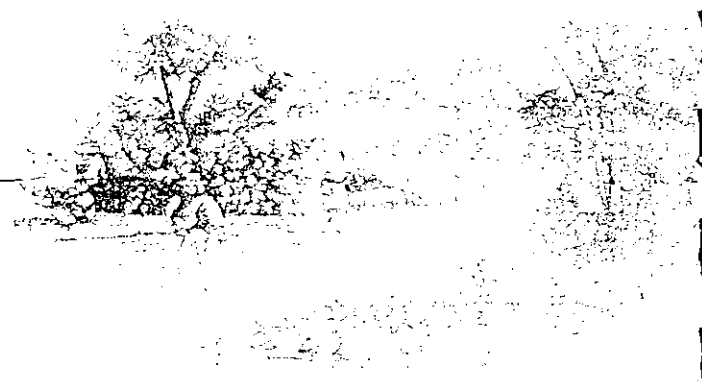
**CALLAWAY PLANT**

In 1977, AmerenUE entered into an agreement with the Missouri Department of Conservation creating the Reform Conservation Area on about 6,300 acres of AmerenUE land surrounding the Callaway Nuclear Plant near Fulton, Mo. The wildlife area offers abundant outdoor recreational activities, including a one-mile section of a well-known bicycling and hiking trail that runs throughout Missouri — the Katy Trail.

At AmerenUE's expense, the Conservation Department conducts a land and water conservation program for wildlife enhancement and species enrichment, an agricultural land-management program, and a forest management plan. AmerenUE has also performed periodic aerial infrared studies of the site to detect environmental change caused by plant operations.

In 1992, AmerenUE turned a 6.4-acre river silt pond at its Callaway nuclear power plant into a "wetland" for residues from a treatment plant for sanitary sewage. In a wetland, plants like cattails, reeds and willows purify the wastewater and filter out pollutants, remove sediments, produce oxygen and absorb nutrients and chemicals. A "constructed wetland" costs far less than traditional chemical treatments for wastewater. The wetland project proved to be so successful that in early 1997, Callaway retired the existing mechanical treatment plant — replacing it with an aerated lagoon and wetlands to provide a completely passive treatment system.





**TAUM SAUK PLANT**

AmerenUE operates a nature museum on its property at Taum Sauk Plant near Lesterville, Mo. It features information and displays on Missouri's natural resources — wildlife, plants, trees, minerals and geological formations of the area. A section of the museum includes products for consumers made from natural resources.

The Missouri Department of Conservation manages about 1,500 acres of property around the lower lake as a wildlife area. The agency also maintains roads, parking and recreational facilities, including camping grounds, a boat landing and outdoor rest rooms. The Conservation Department stocks, samples and maintains the fish population in the lower reservoir.

The Missouri Department of Natural Resources maintains portions of the Taum Sauk Hiking Trail (part of the Ozark Trail) on AmerenUE property.

**KEOKUK PLANT**

AmerenUE's Keokuk (Iowa) Plant and Dam is the largest privately owned and operated dam and hydroelectric generating plant on the Mississippi River. The dam began operation in 1913. A lake, created when the dam was built, offers boating and fishing, with several nationally recognized bass tournaments held each year on the lake.

The company controls or has flowage rights on a total of 42,000 acres of land above the dam, including many islands, wetlands and timberland. Many of these acres are ideal habitat for game birds. AmerenUE also owns some 12,000 acres of flowage land and land covered by water. The area immediately downstream of the dam contributes to an important habitat for bald eagles.

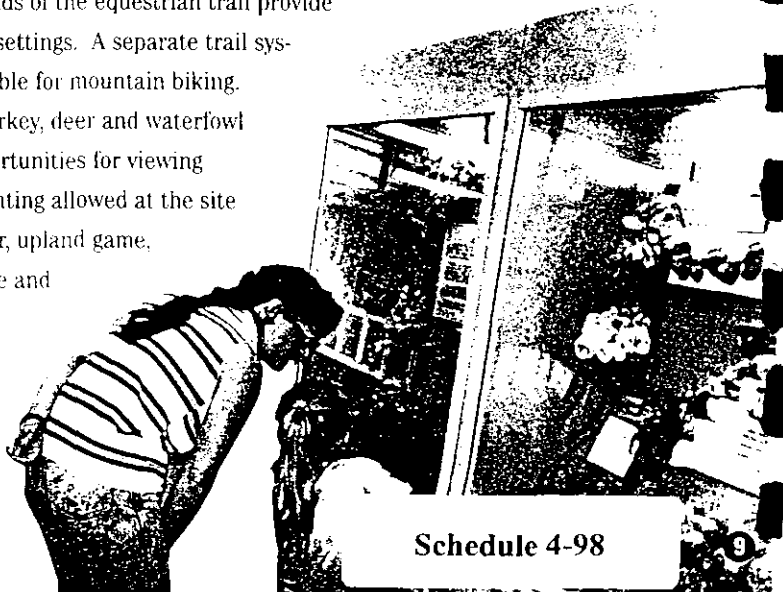
**COFFEEN POWER STATION**

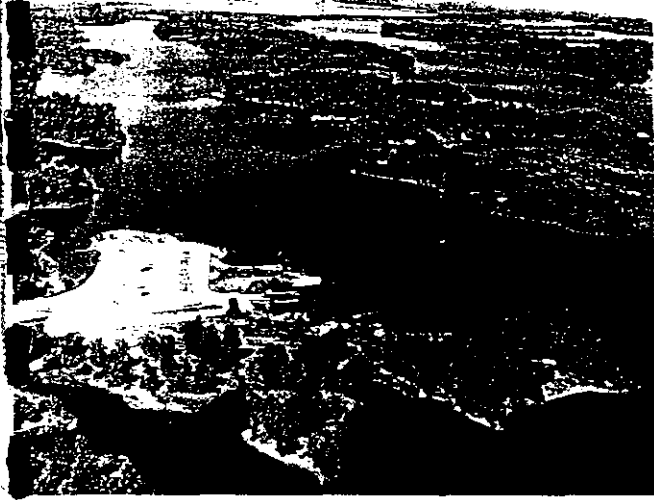
Built to provide water for AEG's Coffeen Power Station in Montgomery County, Ill., the 1,100-acre Coffeen Lake is the site of the Coffeen Lake State Fish and Wildlife Area, administered by the Illinois Department of Natural Resources. The lake offers excellent fishing (largemouth bass, channel catfish and white crappie), deer hunting, hiking and picnic facilities. There are two boat ramps for lake fishing, and Carlock Point, Foggy Point and McCracken Cove offer bank fishing access and picnic facilities. Foggy Point also serves as the trailhead for the Oak Ridge and Point trails. Deer hunting is allowed in the fall. Plans call for expanding the activities available to include upland game, squirrel, dove, spring and fall turkey, and waterfowl hunting; improved wildlife and habitat programs; and increased public access.

**NEWTON POWER STATION**

The 1,755-acre Newton Lake in Jasper County, Ill., built to provide water for AEG's Newton Power Station, is a paradise for fishermen and naturalists. The lake is stocked with a variety of fish. Parking areas and a boat launching ramp are available. The lake has an 11-mile equestrian trail that is also open for hiking and cross country skiing. Tables and pavilions at the north and south ends of the equestrian trail provide ideal picnic settings. A separate trail system is available for mountain biking. Abundant turkey, deer and waterfowl provide opportunities for viewing wildlife. Hunting allowed at the site includes deer, upland game, squirrel, dove and waterfowl as well as

*Taum Sauk Plant Nature Museum*  
The Taum Sauk Plant's Nature Museum provides information on Missouri's natural resources





**Newton Power Station**

A lake built to supply the Newton Power Plant with water is a sportsman's paradise, offering fishing, hunting and wildlife viewing among other outdoor recreational activities

spring and fall turkey hunting. Many species of neotropical songbirds visit the site during their annual spring and fall migrations. Eagles, ospreys and several other threatened and endangered species are also frequent visitors. The lake and adjacent recreational areas are managed by the Illinois Department of Natural Resources (DNR) as the

Newton Lake Fish and Wildlife Area.

Also located on a portion of Newton Lake is the Jasper County Prairie Chicken Sanctuary. The company leases 260 acres of land around Newton Power Station to the Illinois DNR as part of the only grassland sanctuary developed to support the last remaining Illinois prairie chicken population of about 150 birds. The sanctuary is one of only two sites in Illinois where the prairie chicken still survives. In 1998, Newton Power Station was featured in the Prairie Ridge State Natural Area visitors' booklet for its prairie chicken preservation efforts.

Also in 1998, a larger wetland was built near Newton Power Station to provide even greater resources for waterfowl and shore birds. The plant's ash pond is the site of an annual Audubon Christmas Bird Count, and Newton Lake is one of two release points for the DNR's efforts to reintroduce the river otter back into Illinois. Twenty-five otters were released in 1994 in the first of a series of efforts to restore this endangered species to its native Illinois habitat.

**NEWTON AND COFFEEN COOLING BASIN PROJECTS**

To protect the wide range of wildlife in their manmade cooling ponds, Coffeen and Newton Plants built special cooling basins in time for the summer of 2000. The basins allow discharge from the plant to cool before it enters the lake.

Coffeen Plant's cooling basin covers 72 acres, while Newton's basin spreads over 266 acres. The basins were built in only 13 weeks with the help of personnel from across the company.

**Lake of the Ozarks**

**THE LAKE OF THE OZARKS, BAGNELL DAM AND THE OSAGE PLANT**

The 1930s-era building of Bagnell Dam and AmerenUE's Osage hydroelectric plant created a range of recreational opportunities at the now popular Lake of the Ozarks — a spot for boaters, vacationers and sports enthusiasts.

In the 1930s, AmerenUE sold about 2,700 acres around the lake to the federal government for a nominal price. The government purchased an additional 16,000 acres from local landowners and developed the site as a "recreational demonstration area," donating it to the state of Missouri in 1946. The resulting park — Lake of the Ozarks State Park — is the largest in the Missouri state park system.

The Lake of the Ozarks is a valuable resource for wildlife preservation: One of the largest heron rookeries in the state exists about 10 miles downstream of Osage Plant, and the lake area is important for migrating ducks and wintering bald eagles.

Under terms of its federal operating license for Bagnell Dam and the Osage Power Plant, AmerenUE operated a fish hatchery at the lake until 1997, when it signed an agreement with the Missouri Department of Conservation to conduct fish stocking there. Supported by an \$80,000 annual grant from AmerenUE, the fish-

stocking program has resulted in a greater diversity of species being stocked in the lake than was possible with the small hatchery operation in the past.

As a result, the Osage River downstream from Bagnell Dam is one of the highest fishing and fish catch areas in Missouri, containing more than 80 species. AmerenUE has worked with the Missouri Department of Conservation to enhance this fishery by raising dissolved oxygen levels during the hottest summer months, when oxygen levels normally decline. In warm-water lakes like the Lake of the Ozarks, dissolved oxygen levels drop in hot weather because the water stratifies — layers of warm water form near the surface and layers of colder water sink to the bottom. As a result, the amount of dissolved oxygen — which fish need to survive — decreases deeper in the lake. Since the Osage Plant draws water from the deepest part of the lake to run its generators, the water it discharges into the Osage River has typically been low in oxygen, putting severe stress on the fish population downstream.

After much experimentation, AmerenUE engineers devised ways to make vents above the “runners” — the wheels that turn the turbine generators — work more efficiently. These vents mix air with water as it goes through the power plant, thus increasing the oxygen levels in the water discharged downstream. The plant staff also found that by

alternating operation of the generating units at night — when dissolved oxygen is lowest — they can discharge water with higher oxygen levels more evenly throughout the river.

Through these and other efforts, AmerenUE has more than doubled the amount of dissolved oxygen in water discharged from the dam during times of the year when fish populations have been most affected. These results were achieved at minimal cost with minimal impact on power generation.

For its dissolved oxygen enhancement and other programs to protect aquatic resources, AmerenUE's Osage Plant was one of three hydroelectric projects honored by the National Hydropower Association in 2000 for “Outstanding Stewardship of America's Rivers.” These programs also received recognition in 1998, when the American Fisheries Society — the world's oldest and largest organization of fisheries scientists — presented AmerenUE with its prestigious Citizens Award.

Educating the public about the Lake of the Ozarks and the importance of protecting the lake's resources has always been a priority of AmerenUE. In 1998, AmerenUE completed two projects to further that effort — including the preservation of historic Willmore Lodge and the dedication of a new scenic overlook on a hill above Bagnell Dam.

Willmore Lodge, a log building that once served as an administration building and lodge for dignitaries during the construction of Bagnell Dam, had fallen into disrepair and was in danger of being demolished when AmerenUE reacquired it in a bankruptcy auction.

Today, for a nominal fee, AmerenUE leases the building to the Lake of the Ozarks Area Chamber of Commerce, which has restored it for use as a visitors' center and chamber offices. AmerenUE has



**Lake of the Ozarks  
Wildlife Preservation**

This is only one example of the diverse wildlife that can be found at the Lake of the Ozarks

also developed a museum on the past, present and future of the lake in one wing of the building. The scenic overlook, located on Upper Power Plant Road, provides a spectacular view of the lake, dam and Osage River. Facilities include an observation deck, cement patio, shelter house and parking area. They also include information signs about the history of the lake and dam, plus historic photographs showing how the Osage River valley looked from that same location before the dam was built.

With help from the Missouri Department of Conservation, AmerenUE also developed a fish and bird observation area along a walkway leading to the Osage Plant's main office on the downstream side of Bagnell Dam. Signs help visitors identify the fish and birds they can observe from the location. The signs are changed periodically to highlight the species present at different times of the year.

For the Willmore Lodge, a scenic overlook, and fish and bird observation area projects, the National Hydropower Association presented AmerenUE with its 2000 Hydro Achievement Award in the Public Education category.

#### LAKE SHORELINE CLEAN-UP

With help from local civic organizations, in 1994 AmerenUE began a new program aimed at preserving the beauty of the Lake of the Ozarks. Adopt-the-Shoreline, patterned after a Missouri Highway and Transportation Department program, enables interested groups and individuals to "adopt" portions of the shoreline for trash removal. Members are required to participate in the Annual Shoreline Beautification Clean-up each spring, with a second clean-up recommended in the fall. AmerenUE provides trash bags, arranges for billing by a trash disposal company, and pays up to \$200 in annual disposal costs for each five miles adopted. Participation in Adopt-the-Shoreline has grown to 65 groups, with nearly 500 miles of shoreline adopted — about 43 percent of the lake's total 1,150 miles of shoreline.

#### *Willmore Lodge*

Newly restored Willmore Lodge contains a museum dedicated to the lake and serves as a visitors' center and offices for the Ozarks Area Chamber of Commerce





Also in 2000, AmerenUE assumed sponsorship of the annual spring clean-up, which had originally been started in 1992 by a group of local citizens. Besides AmerenUE's involvement, numerous local organizations and individuals continue to donate labor, boats and equipment to make the event a success. During recent clean-ups, about 600 volunteers and Ameren employees removed 2,100 cubic yards of trash and debris from about 500 miles of shoreline. More than 70 large construction "roll-off" dumpsters and several trucks were required to haul away the debris. Disposal costs for the clean-up — paid for by AmerenUE — totaled \$35,000.

In addition to the clean-up programs, AmerenUE established a Lake and Shoreline Protection Hotline (573-365-9203) for residents and vacationers to report incidents of pollution or other problems they see at the lake.

## Reducing Waste

### **SIoux PLANT: BURNING TIRES FOR FUEL**

In 1992, AmerenUE's Sioux Power Plant in St. Charles County, Mo., became the first generating station in the state to experiment with burning chipped rubber tires to augment coal as a fuel source.

The program began with a test burn of 1,000 tons of tire chips in two, 500-ton installments. During the several-month test, the plant burned a mixture of two percent chipped tires and 98 percent crushed coal. By the end of the testing period, the plant had burned more

than 3,500 tons of tire chips, or approximately 350,000 tires.

In 1993, Missouri's Department of Natural Resources issued a permit to install a permanent system to burn 50,000 tons of tire chips per year at the plant. For the permanent burn, an improved handling system and a permanent tire chip storage area were designed and installed.

AmerenUE has been burning tire chips on a permanent basis since 1993, burning more than nine million tires to date. In a single year, the plant typically burns more than 23,000 tons of tire chips, or 2.3 million tires. This operation replaces 25,000 tons of coal per year.

### **NEWTON PLANT: HONORED FOR WASTEWATER TREATMENT**

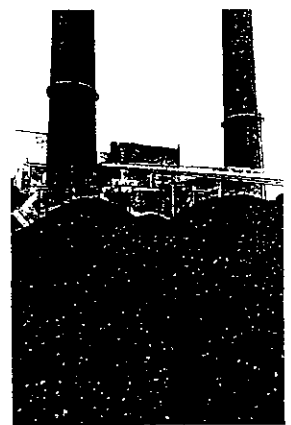
AEG's Newton Power Station was one of only four out of 1,500 Illinois industrial facilities to be nominated for the Best Operated Wastewater Treatment Works award from the Illinois Association of Water Pollution Control Operators (IAWPCO). Newton's wastewater treatment plant processes potable water used for drinking and showering; wastewater and restroom discharge, 24 hours a day, seven days a week; and more than 25,000 gallons of wastewater per day. The Illinois Environmental Protection Agency Division of Water Pollution Control, Field Operations Section nominated Newton for the award.

### **LABADIE PLANT: CONVERTING USED OIL TO ENERGY**

AmerenUE ships about 70,000 gallons of used oil to recyclers each year. However, because not all used oil can be recycled, Ameren has become a leader in successfully converting much of it to energy — even oils that contain hazardous materials such as polychlorinated biphenyls (PCBs).

### **Adopt-the-Shoreline Program**

Sixty-five civic groups have "adopted" nearly 500 miles of shoreline at Lake of the Ozarks; the groups are responsible for trash removal and beautification of the miles they have adopted



### **Sioux Power Plant**

Huge mounds of shredded tires are converted to energy at AmerenUE's Sioux Plant, where the plant has burned more than nine million discarded tires since 1992

PCBs were widely used in electrical equipment for many years due to their insulating and fireproofing capabilities. When scientists became aware of the health risks associated with PCBs, Ameren's operating companies — AmerenUE and AmerenCIPS — became committed to removing them from the environment.

In the 1980s, AmerenUE established an extensive program to remove and replace transformers containing PCBs. The company replaced the last of 250 high-PCB concentration transformers in downtown St. Louis in 1989 and removed PCB transformers from its power plants in 1990. Essentially all of the high concentration PCBs in the AmerenUE system have now been destroyed. In Illinois, AmerenCIPS reduced the number of PCB-contaminated capacitors by 95 percent — no small task considering there were 15,600 of them in the system in 1987. AmerenCIPS has also nearly eliminated PCBs in power station, substation and distribution transformers.

Much of the PCB contaminated oil from AmerenUE's equipment and other sources was converted to energy at AmerenUE's Labadie Plant. AmerenUE was the only utility in the country with a permit to thermally destroy oils with PCB concentrations greater than 500 parts per million (ppm). The company dropped the 500 ppm permit once all high concentration PCBs had been removed and burned at Labadie

Power Plant, and the plant began burning oil containing less than .05 percent PCBs. The PCB burning program is now considered complete.

The company estimates that it converted

more than 4.5 million gallons of PCB-contaminated oil to energy at Labadie over the life of the program, generating approximately 56,000 megawatt-hours of electricity and saving more than \$820,000 in fuel costs. The state of Missouri recognized the company's effort toward "preserving and wisely using Missouri's precious resource" with the Resource Steward Award.

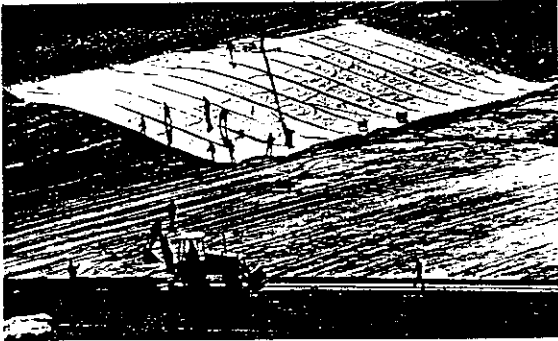
After AmerenUE had completed its PCB oil burning program, Labadie Plant developed a reserve of unrecyclable mineral oil drained from electrical equipment. A 3,000,000 gallon tank at Labadie holds this oil in reserve as a peaking and start-up fuel, and 65,000 gallons of scrap non-PCB electrical oil is collected each year at the AmerenUE Shop and Warehouse on Dorsett Road. The plant also accepts unrecyclable, non-PCB oil from sources outside of AmerenUE.

#### RECYCLING COAL ASH AND BOTTOM ASH

Most fly ash and bottom ash — the byproducts of burning coal — from Ameren's plants has been stored at power plant holding ponds. However, AmerenUE recycles about a third, and AmerenEnergy Generating (AEG) recycles half, of the coal ash produced at the companies' power plants, reducing the overall cost of generating electricity, saving valuable landfill space and preserving the natural landscape.

AmerenUE recycles, through private contractors, 200,000 tons, and AEG recycles 100,000 tons, of bottom ash per year for applications like blasting grit, roofing shingles, cement manufacturing and snow and ice control. Using bottom ash instead of cement in concrete production reduces carbon dioxide emissions and means that concrete manufacturers are not forced to mine as much clay.

The company began recycling fly ash from the Labadie Plant in 1995 for use in ready-mix concrete, concrete products, structured fill and other construction applications. At the Meramec Plant, 250,000 tons of fly ash were used to construct approaches to the



Meramec River Bridge on Route 231 and Ten Brook Road in Arnold, Mo., and to raise levees around the plant. AmerenUE currently recovers 150,000 tons of fly ash annually.

AEG's Meredosia Plant plans to use fly ash to construct a service road for nearby industries. The project will be a test case for the use of fly ash as a construction material in the state of Illinois.

In 2000, AmerenUE contracted with Mineral Resource Technologies, L.L.C. (MRT) to recycle both fly and bottom ash from its Rush Island and Labadie Plants. The 15-year agreement will increase the company's ash-recovery efforts by more than 300 percent. MRT is a full-service industrial mineral management, manufacturing and marketing organization that develops and markets innovative products serving the construction and utility industries.

#### RECYCLING/REFURBISHING OF PARTS/SALE OF SCRAP

Through its Shop and Warehouse on Dorsett Road, AmerenUE recycles about 1.5 million pounds of scrap wire, 750,000 pounds of scrap steel, 100,000 pounds of scrap street lights and 1,200 lead-acid filled batteries each year. AmerenUE also recycles more than 1,500 cubic yards of scrap pallets and about 250 cubic yards of scrap cardboard annually. Large wooden cable reels are returned to the original manufacturer for reuse and recycling, while retired utility poles are collected and sold to the public or donated to community organizations.

AmerenUE also cleans and recycles various types of line hardware for reuse: street lights, insulators, lighting arresters, switches, clamps, brackets, connectors,

wire, pole steps, bolts, nuts and washers are all reused. Some electric and hydraulic hand tools are repaired, rebuilt and returned to the original user. Items that cannot be recycled or repaired are sold for scrap.

The Dorsett facility also runs a complete transformer repair facility. More than 2,000 pieces of oil-filled electrical equipment (networks, distribution transformers, oil switches, regulators and capacitor banks) are repaired or rebuilt on an annual basis.

Recycling at Ameren is not limited to equipment. Though the company is always looking for alternatives to petroleum-based hazardous waste solvents, the potentially hazardous solvents it does use are redistilled and resold.

#### RECYCLING AT THE GENERAL OFFICE BUILDING

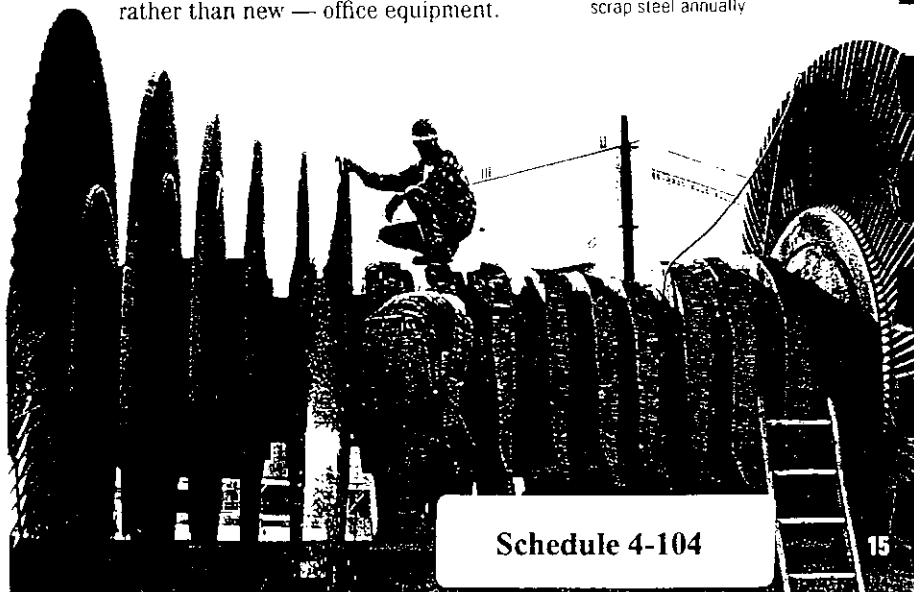
AmerenUE routinely refurbishes much of its General Office Building's furniture and partitions for reuse. For example, in 1992, more than 500 chairs received new seat pads and fabric covering. Also, more than 1,000 Steelcase panels were covered with new fabric and about 1,300 metal, floor-to-ceiling, demountable panels were cleaned and painted, or covered with fabric. Discarded furniture is sent to other AmerenUE facilities, donated to non-profit organizations or sold. Whenever possible, AmerenUE purchases recycled — rather than new — office equipment.

#### Meramec Plant Pond

AmerenUE spent \$2.3 million at Meramec Plant to reconstruct an existing 24-acre pond to increase the plant's fly-ash storage capacity. About 100,000 cubic yards of fly ash removed from the pond were used to raise levees around the plant by five feet.

#### Recycling Scrap

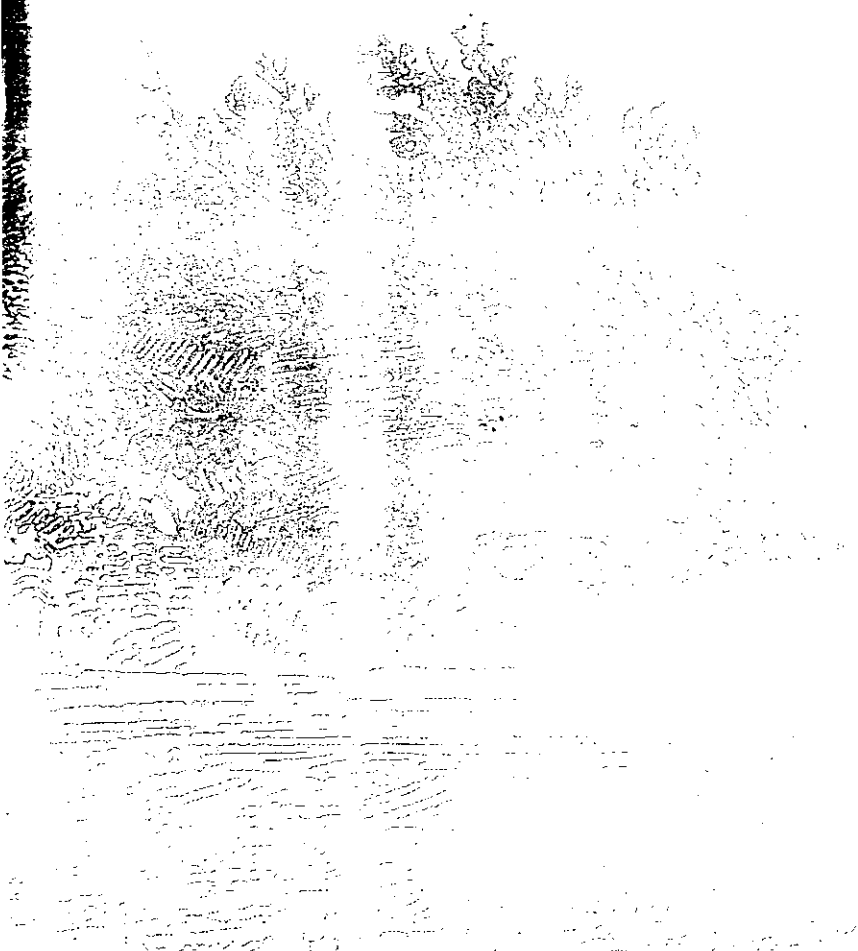
AmerenUE's Sioux Plant workers cut up outdated equipment and recycle the steel. The company recycles about 750,000 pounds of scrap steel annually.





# About Ameren

Ameren Corporation is the parent of Union Electric Company, now known as AmerenUE, and Central Illinois Public Service Company, now known as AmerenCIPS. Both companies were founded in 1902. Based in St. Louis, MO., Ameren was created with the year-end 1997 merger of Union Electric and CIPSCO Incorporated, once the parent company of Springfield, Ill.-based AmerenCIPS. \* Today, Ameren Corporation provides energy services to 1.5 million electric and 300,000 natural gas customers over 44,500 square miles in Illinois and Missouri. Among the nation's top utility companies in size and sales, Ameren prides itself on a long tradition of cost containment, low rates, customer service and preservation of the environment. \* With 1.2 million electric and 123,000 natural gas customers, AmerenUE is Missouri's largest electric utility and the third largest distributor of natural gas. AmerenUE provides energy services to customers across the eastern half of Missouri, including the greater St. Louis area, and in southwestern Illinois. AmerenCIPS delivers electricity to 322,000 customers and natural gas services to 169,000 customers. AmerenCIPS serves 557 communities in 66 counties throughout a 20,000-square-mile area of central and southern Illinois. \* Ameren companies' electric rates are well below the national average for investor-owned utilities, according to a typical bill survey conducted by the Edison Electric Institute (EEI). In Missouri and Illinois, AmerenUE has not had retail electric rate increases since 1987 and 1988 respectively. In Missouri, AmerenUE has reduced electric rates multiple times in the past decade. In Illinois, AmerenCIPS and AmerenUE in 1998 reduced residential electric rates by 5 percent as a provision of the Illinois restructuring legislation passed in late 1997.





Visit our web site at [www.ameren.com](http://www.ameren.com)

**AmerenCIPS and its affiliates demonstrate their environmental sensitivity** through a range of pollution prevention programs, pollution control technology research and installation, and environmental protection initiatives that have reduced air emissions well beyond regulatory requirements.

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AmerenEnergy Generating Company, which supplies electricity to AmerenCIPS for resale to its customers has taken the following actions:

- It has reduced the combined power plant sulfur dioxide emission rate by more than 59 percent below the 1990 level.
- It has reduced the combined power plant nitrogen oxide emission rate by more than 36 percent below the 1990 level.

In addition, individual power plants have initiated a number of programs to support the environment:

**Newton Power Station.** The 1,755-acre Newton Lake in Jasper County, built to provide water for the Newton Power Station, is a paradise for fishermen and naturalists. The lake is stocked with large-mouth bass, channel catfish and several other species. The lake has an 11-mile equestrian trail that is also open for hiking and cross country skiing. A separate trail system is available for mountain biking.

**Coffeen Power Station.** Built to provide water for Coffeen Power Station in Montgomery County, the 1,100-acre Coffeen Lake is the site of the Coffeen Lake State Fish and Wildlife Area, administered by the Illinois Department of Natural Resources (DNR). The lake offers excellent fishing, boating, hiking and picnic facilities.

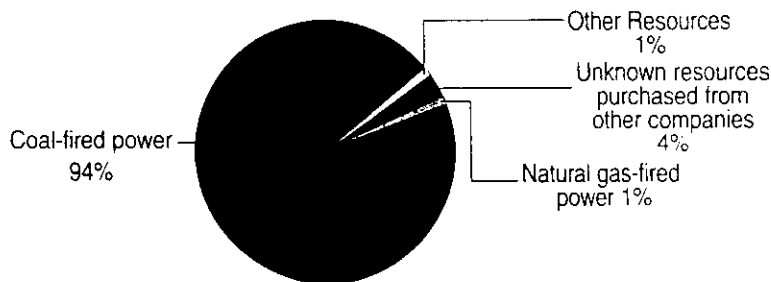


**Important information regarding electricity generation and the environment**  
**AmerenCIPS Environmental Disclosure Statement**

The disclosure of this information is required under Section 16-127 of the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission, 83 Ill Adm. Code 421.

Sources of Electricity Supplied for the 12 Months Ending March 31, 2001	Percentage of Total
Biomass power	0%
Coal-fired power	94%
Hydro power	0%
Natural gas-fired power	1%
Nuclear power	0%
Oil-fired power	0%
Solar power	0%
Wind power	0%
Other resources	1%
Unknown resources purchased from other companies	4%
TOTAL	100%

**Sources of Electricity Supplied for the 12 Months Ending March 31, 2001**



<b>AVERAGE AMOUNTS OF EMISSIONS</b> <b>and</b> <b>AMOUNT OF NUCLEAR WASTE per 1000 kilowatt-hours (kWhs)</b> <b>PRODUCED from KNOWN<sup>(1)</sup> Sources</b> <b>for the 12 Months Ending March 31, 2001</b>	
Carbon Dioxide	1,859 lbs.
Nitrogen Oxides	4.12 lbs.
Sulfur Dioxide	9.51 lbs.
High-Level Nuclear Waste	< .0001 lbs.
Low-Level Nuclear Waste	< .0001 cu. feet

<sup>(1)</sup> 4% of the total electricity supplied was purchased from other suppliers and the amounts of emissions and amount of nuclear waste attributable to producing this electricity is not known and is not included in this table.

Additional information on companies selling electrical power in Illinois may be found at the Illinois Commerce Commission's World Wide Web site [www.icc.state.il.us](http://www.icc.state.il.us).

(6/01)

**AmerenUE demonstrates its environmental sensitivity** through a range of pollution prevention programs, pollution control technology research and installation, and environmental protection initiatives that have reduced air emissions well beyond regulatory requirements.

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- AmerenUE has reduced the combined power plant sulfur dioxide emission rate by more than 78 percent below the 1990 level.
- AmerenUE has reduced the combined power plant nitrogen oxide emission rate by more than 66 percent below the 1990 level.

In addition, individual power plants have initiated a number of programs to support the environment:

**Sioux Power Plant has burned more than 10 million discarded tires.**

In 1992, AmerenUE's Sioux Power Plant in St. Charles County, Mo., became the first generating station in the state to experiment with burning chipped rubber tires to augment coal as a fuel source. In 2000, the plant burned approximately 26,000 tons of tire chips, or 2.6 million tires. This operation replaces approximately 42,000 tons of coal per year.

**Callaway Nuclear Plant.** Callaway has significantly reduced the low-level radioactive waste that is produced as part of its daily operation. At Callaway, low-level waste items include disposable gloves and garments used to operate and maintain contaminated equipment; contaminated chemicals; process waste and resins from various water purification systems; and discarded parts, or components. The Callaway Plant continues to earn some of the industry's highest marks for operating safety and efficiency.

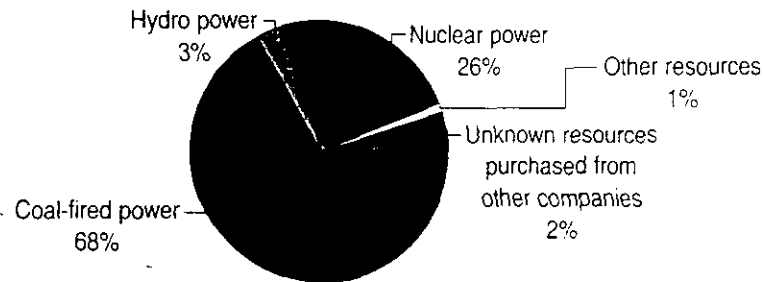


**Important information regarding electricity generation and the environment**  
**AmerenUE Environmental Disclosure Statement**

The disclosure of this information is required under Section 16-127 of the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission, 83 Ill Adm. Code 421.

Sources of Electricity Supplied for the 12 Months Ending March 31, 2001	Percentage of Total
Biomass power	0%
Coal-fired power	68%
Hydro power	3%
Natural gas-fired power	0%
Nuclear power	26%
Oil-fired power	0%
Solar power	0%
Wind power	0%
Other resources	1%
Unknown resources purchased from other companies	2%
TOTAL	100%

**Sources of Electricity Supplied for the 12 Months Ending March 31, 2001**



<b>AVERAGE AMOUNTS OF EMISSIONS</b> <b>and</b> <b>AMOUNT OF NUCLEAR WASTE per 1,000 kilowatt-hours (kWh)</b> <b>PRODUCED from KNOWN<sup>(1)</sup> Sources</b> <b>for the 12 Months Ending March 31, 2001</b>	
Carbon Dioxide	1,345 lbs.
Nitrogen Oxides	1.67 lbs.
Sulfur Dioxide	4.76 lbs.
High-Level Nuclear Waste	.0014 lbs.
Low-Level Nuclear Waste	< .0001 cu. feet

<sup>(1)</sup>2% of the total electricity supplied was purchased from other suppliers and the amounts of emissions and amount of nuclear waste attributable to producing this electricity is not known and is not included in this table.

Additional information on companies selling electrical power in Illinois may be found at the Illinois Commerce Commission's World Wide Web site [www.icc.state.il.us](http://www.icc.state.il.us).

(6/01)



If you have questions, please contact AmerenUE at the following numbers:

In St. Louis, call **(314) 342-1000**

In Cape Girardeau, call **(573) 651-5600**

Customers from other areas, call **1-800-552-7583**

Ameren's Web Site: <http://www.ameren.com>

Sign up for Budget Billing and take the surprise out of your monthly electric bills. With Ameren UE's Budget Billing plan, you pay your bills in pre-established amounts each month. So, while your energy use may be up or down throughout the year, your monthly expense for electrical service remains the same.



# Savings

**Lower Your Heating and Cooling Costs**

Energy efficiency pays. It produces long-term savings on your energy bill, improves productivity and saves valuable resources. For more information, please call AmerenUE 1-800-552-7583 or in St. Louis, 342-1000. Visit our web site at [www.ameren.com](http://www.ameren.com)



## Lower Your Heating and Cooling Costs

The majority of your energy budget is spent heating and cooling your home. By maintaining your heating and cooling systems you can save money and enjoy year-round comfort.

### HEATING AND COOLING SYSTEMS

#### Your Air Conditioner

- 1 Select an air conditioner with a high Energy Efficiency Rating (EER) and cut your cooling costs down significantly. Your upgrade will pay for itself.
- 2 Save money and extend the life of your system by properly maintaining your air conditioner.
  - Check your filter every three or four weeks and replace or clean as needed.
  - Hire a qualified technician to clean your coils and check your equipment annually.
  - Keep air flow vents open and unobstructed and regularly vacuumed.

#### The High-Efficiency Heat Pump

- Invest and save in this single unit that heats and cools your home.
- In winter, the pump transfers outside heat into your home.
- In summer, the pump transfers indoor heat outside.
- The system can pay for itself in five years
- In addition to reliability, the add-on pump offers fuel flexibility, working in conjunction with existing systems to take advantage of the cheapest energy available.

### HEATING AND COOLING SYSTEMS

#### Fans

- Fans improve the air circulation in your home, making your furnace and air conditioner's job easier.
- Ceiling fans use only one-tenth the electricity of a typical home air conditioner.
- Full-house attic fans push hot air out and draw cool night air in.
- Small attic fans remove hot air trapped in attics.
- Exhaust fans control humidity in your home.
- Most consumers require the services of electricians and carpenters to install attic, ceiling and exhaust fans.
- Exhaust fans require a duct leading outdoors to prevent grease and moisture buildup in your walls and attic.

#### Fireplaces

Great for setting a mood and making rooms cozy, fireplaces send most of their heat right up the chimney. Here are a few tips for making your fireplace as energy efficient as possible:

- Keep the damper closed when fireplace is not in use.
- Burn low to medium sized fires.
- Use long logs that offer greater surface area and reflect more heat.
- Use a cast iron "fireback" placed near the rear wall of the fireplace to reflect heat into the room.
- If your fireplace has glass doors, use them to cut down the amount of air drawn from the rest of your home.
- Provide combustion air from outdoors through a duct running directly to your fireplace.

### MANAGING YOUR THERMOSTAT

By knowing where to locate your thermostat and how and when to adjust it, you can save more on your heating and cooling costs.

- For an accurate indoor temperature reading, locate your thermostat on an interior wall and away from appliances that give off heat.
- If you plan to be away from home, or when you go to bed at night, turn your thermostat down in winter and up in summer to save money.
- When you are home, set the thermostat at a constant temperature so your system works efficiently and you save energy dollars.
- You can install a programmable thermostat with a built-in timer to automatically regulate your heating and air conditioning needs.
- Your thermostat is a precise, delicate instrument that does not require regular cleaning. For best results, occasionally remove the cover and gently blow out any dust or lint that has accumulated.
- An older thermostat of 15 years or more may need to be replaced with a new, efficient model.

### CONTROLLING HUMIDITY


Your personal comfort is affected by humidity as well as temperature. Moist air feels warmer than dry air. Save energy dollars by retaining humidity in the winter and expelling it with exhaust fans during summer. Steam from showers, cooking and laundry add to your indoor humidity. Humidifying units, either freestanding or installed, will also add moisture to your air.



# *Savings*

*Using  
Hot Water  
Efficiently*

Energy efficiency pays. It produces long-term savings on your energy bill, improves productivity and saves valuable resources. For more information, please call AmerenUE 1-800-552-7583 or in St. Louis, 342-1000. Visit our web site at [www.ameren.com](http://www.ameren.com)  
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# 15

## Using Hot Water Efficiently

One of your home's largest energy consumers is your hot water heater. Save energy and money by lowering your hot water temperature, by properly insulating your hot water heater and pipes, by installing efficient systems and by using your appliances effectively.

### MAXIMIZE YOUR HOT WATER HEATER'S EFFICIENCY

Heating water is a controllable energy cost.

- Save up to 10% by wrapping your hot water heater with a fiberglass blanket and securing with duct tape or by installing a ready-made insulation kit.
- Keep your water heater vents free of the insulation material.
- Turn down your hot water temperature setting and save: for small families with a dishwasher, lower setting to 140 degrees; without a dishwasher, lower setting to 130 degrees.

### INSULATE YOUR PIPES

Your hot water pipes often run through unheated areas of your home. Save up to 3% on your water heating costs by insulating your pipes.

- Use foam sleeves that are slit open and placed around pipe. Seal with duct tape... or
- Use wrap-around insulation. Wrap this adhesive-backed foam tape with foil on the outside in a spiral around your hot water pipe. Slightly overlap insulation so pipe is completely covered.

### INSTALL EFFICIENT SYSTEMS

Showers and faucets that operate properly can save you energy dollars.

- The shorter the shower, the less hot water you'll use. Install an inexpensive "flow control" device from your local hardware store. Place device at the head of your shower and save money on water heating.
- Correct leaky faucets. Replacing old washers takes little time and pennies. Installation will vary, so consult your hardware store.

### PRACTICE EFFICIENT APPLIANCE HABITS

Save energy when using your dishwasher:

- Scrape and rinse dishes before loading into dishwasher.
- Only run dishwasher when it is completely full.
- Skip drying cycle and let dishes air dry.

Use your clothes washer and dryer efficiently:

- Wash your clothes in cold water whenever possible.
- Use cold water in your rinse cycle and save \$35 - \$65 annually.
- Remove dryer lint after each load so clothes dry in less time.

If you have questions, please contact AmerenUE at the following numbers:

In St. Louis, call (314) 342-1000

In Cape Girardeau, call (573) 651-5600

Customers from other areas, call 1-800-552-7583

Ameren's Web Site: <http://www.ameren.com>

ENERGY TIP

# 15



If you have questions, please contact AmerenUE at the following numbers:

In St. Louis, call **(314) 342-1000**

In Cape Girardeau, call **(573) 651-5600**

In Jefferson City, call **(573) 635-0171**

Customers from other areas, call **1-800-552-7583**

Ameren's Web Site: <http://www.ameren.com>



# Savings

## Using Kitchen Appliances Efficiently

Energy efficiency pays. It produces long-term savings on your energy bill, improves productivity and saves valuable resources. For more information, please call AmerenUE 1-800-817-5700 or in St. Louis, 342-1000. Visit our web site at [www.ameren.com](http://www.ameren.com)  
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# 14

## Using Kitchen Appliances Efficiently

How you operate your kitchen appliances can significantly impact your energy bill. Save energy dollars by observing the following appliance tips:

### KEEP YOUR REFRIGERATION COSTS COOL

- Open and close your refrigerator quickly. When cool air escapes, your refrigerator uses more energy to keep food cold.
- If your door does not shut tightly, check the condition of the door seal. If replacement is necessary, a new seal and installation instructions are available at your local hardware store.
- Vacuum your refrigerator coils to eliminate dust build-up and to keep your appliance working at top efficiency.
- Locate your refrigerator away from heating appliances, windows and heating ducts.
- For efficient operation, keep your freezer fan area clear of frozen foods.
- When buying a new refrigerator, save up to one-third on refrigeration costs by choosing a high-efficiency replacement. It can pay for itself within two to four years.
- Note that manual-defrost refrigerators use two-thirds less energy than the more convenient automatic defrost freezers.

### OPERATE YOUR OVEN AND

#### RANGE EFFICIENTLY

- Save energy by limiting how often you open your oven door when cooking. Each time the door is opened, 20% of your heat escapes.
- Foods requiring an hour or more of cooking time do not need a preheated oven.
- Completely defrost frozen foods to lessen the required cooking time.
- Use glass and ceramic dishes that retain heat and allow you to set your oven temperature 25 degrees lower.
- When heating on your stove top, fit your pans to your burners. Pan bottoms should always cover the burner completely so the energy used goes directly into heating your food.
- Keep your oven and burners clean for maximum operating efficiency.
- Use your oven for heating food only, and never as a furnace to heat your kitchen or other rooms.
- When buying a new range, choose one with a 10+ efficiency rating and a glass oven door that lets you monitor cooking without opening the door.
- Use your microwave oven whenever possible to save 20% on your energy costs.

### COMPUTE YOUR ENERGY COSTS

Electrical appliances vary in their energy consumption. Refer to the following chart to determine where you spend your energy dollars.

Appliance	Approximate
Blanket, Electric	\$ .05 per night
Broiler, Portable	\$ .08 per hour
Clothes Dryer	\$ .17 per load
Dehumidifier	\$ .26 per day
Dishwasher	\$ .07 cents per day
Fan-Furnace	\$ .24 per day
Food Freezer (16 cu. ft.)	\$ .22 per day
Food Freezer (frostless 16 cu. ft.)	\$ .34 per day
Frying Pan	\$ .06 per hour
Hair Dryer (1,200 watts)	\$ .085 per hour
Heater/portable	\$ .09 per hour
Humidifier	\$ .06 per day
Iron	\$ .08 per hour
Lighting	Varies in each home
Range	\$ .14 per day
Microwave Oven (700 watts)	\$ .05 per hour
Microwave Oven (400 watts)	\$ .03 per hour
Refrigerator (12 cu. ft.)	\$ .14 per day
Refrigerator (frostless 12 cu. ft.)	\$ .23 per day
Refrigerator-Freezer (14 cu. ft.)	\$ .21 per day
Refrigerator-Freezer (frostless, 14 cu. ft.)	\$ .35 per day
Refrigerator-Freezer (frostless 17.5 cu. ft.)	\$ .43 per day
Refrigerator-Freezer (frostless 20-22 cu. ft.)	\$ .49 per day
Roaster	\$ .06 per hour
Television (B&W)	\$ .005 to .01 per hour
Television (color)	\$ .01 to .02 per hour
Washing Machine (automatic)	\$ .03 per load
Water Heater	\$ .30 per person per day
Water Bed Heater	\$ .02 per hour
Air Conditioning (See AmerenUE Energy Tip #4 -- Buying a Room Air Conditioner)	

NOTE: These prices are based on costs during peak use. Operating costs vary with weather conditions, insulation and temperature settings. These figures do not include local government taxes. Rates are different in Missouri and Illinois.



**Spring 2001**

**(4/1/2001 - 6/30/2001)**

**Power  
Player  
Grant  
Program**

For an AmerenCIPS  
Power Player Grant Program  
application, call toll-free  
**1-877-4-AMEREN, ext. 46441.**

For more information about this  
grant program, call toll-free  
**1-877-4-AMEREN, ext. 46416.**

Download an application from  
our web site at [www.ameren.com](http://www.ameren.com).

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## THE POWER PLAYER GRANT PROGRAM

For 2001, AmerenCIPS Power Player Grant Program will provide funds to 500 eligible youth sports teams in our AmerenCIPS service territory. Each winning team will be awarded a \$300 grant to apply, as they wish, toward any team expense--league fees, uniforms, equipment, tournament fees, trophies, etc. Grants are not intended to be "ganged" together for league use, i.e. for grandstands, lighting, fencing, etc.

### TERMS AND QUALIFICATIONS

To be eligible for the AmerenCIPS Power Player Grant Program, certain requirements must be met:

- Grants are awarded first-come, first-served, by postmark on applications received.
- There will be a maximum of \$150,000 in grant money available in 2001, to be awarded to 500 individual grant recipients, \$300 per grant.
- A maximum of 300 grants for spring/summer sports will be awarded to applications post-marked between 4/1/2001 and 6/30/2001 and 200 for fall/winter sports between 7/1/2001 and 11/15/2001.
- The team representative who submits the application must live within AmerenCIPS service territory, and the team must be comprised primarily of children of AmerenCIPS customers.
- A maximum of 15 teams from any one league may receive grants per year.
- Only one application will be considered per year for any one team.
- Teams may re-apply annually. Teams may receive grants for a maximum of three consecutive years.
- As soon as possible after receiving a grant, the team must send in a team photo showing AmerenCIPS Power Player patches on every player's uniform. (See Power Player Patch/Team Photo). Teams that do not supply a photo cannot apply for a grant the following year.
- An endorsement letter from league officials must accompany registration form.
- Teams must be non-government sponsored. School teams are not eligible.
- Only teams of players 14 years old and younger (as of January 1, 2001) can qualify.



- Qualified sports are: baseball, softball, football, basketball, soccer, ice hockey, roller hockey, field hockey, volleyball, lacrosse, tennis, swimming\* and golf.
- Grant money can be used for any team purpose (equipment, uniforms, tournament fees, trophies, etc.). League officials must endorse grant checks over to team representatives so the money can be spent for that team's needs. Leagues shall not keep the team's grant for league or facility purposes.
- Teams who have received any other type of grant from AmerenCIPS during 2001 are not eligible.
- \* Swim team members may sew the patch to their swimsuits or team jackets/sweats.

### POWER PLAYER PATCH/TEAM PHOTO

Along with the grant, Ameren will provide the team with AmerenCIPS Power Player Patches for each player's uniform. AmerenCIPS requires each player (or their parents) to sew the patch to his or her uniform. Also, the team must supply AmerenCIPS with a team photo that clearly shows the Power Player Patch on the uniform of each team member. The photo must be supplied to AmerenCIPS before the end of that team's season.

### TIMING

The spring grant program runs from April 1 through June 30, 2001, and the fall grant program runs from July 1 through November 15, 2001. Applications received after November 15, 2001 will not be considered.

For an AmerenCIPS Power Player Grant Program application, please call toll-free 1-877-4-AMEREN, ext. 46441.

For answers to specific questions about the program that are not covered in this brochure, please call toll-free 1-877-4-AMEREN, ext. 46416.



***Fall 2001***

***(7/1/2001 - 11/15/2001)***

***Power  
Player  
Grant  
Program***

For an AmerenCIPS  
Power Player Grant Program  
application, call toll-free  
**1-877-4-AMEREN, ext. 46441.**

Download an application from  
our web site at [www.ameren.com](http://www.ameren.com).

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## THE POWER PLAYER GRANT PROGRAM

For 2001, AmerenCIPS Power Player Grant Program will provide funds to 500 eligible youth sports teams in our AmerenCIPS service territory. Each winning team will be awarded a \$300 grant to apply, as they wish, toward any team expense—league fees, uniforms, equipment, tournament fees, trophies, etc. Grants are not intended to be “ganged” together for league use, i.e. for grandstands, lighting, fencing, etc.

### TERMS AND QUALIFICATIONS

To be eligible for the AmerenCIPS Power Player Grant Program, certain requirements must be met:

- Grants are awarded first-come, first-served, by postmark on applications received.
- There will be a maximum of \$150,000 in grant money available in 2001, to be awarded to 500 individual grant recipients, \$300 per grant.
- A maximum of 300 grants for spring/summer sports will be awarded to applications post-marked between 4/1/2001 and 6/30/2001 and 200 for fall/winter sports between 7/1/2001 and 11/15/2001.
- The team representative who submits the application must live within AmerenCIPS service territory and be 21 years of age or older; the team must be comprised primarily of children of AmerenCIPS customers.
- A maximum of 15 teams from any one league may receive grants per year.
- Only one application will be considered per year for any one team.
- Teams may re-apply annually. Teams may receive grants for a maximum of three consecutive years.
- As soon as possible after receiving a grant, the team must send in a team photo showing AmerenCIPS Power Player patches on every player's uniform. (See Power Player Patch/Team Photo). Teams that do not supply a photo cannot apply for a grant the following year.
- An endorsement letter from league officials must accompany registration form.
- Teams must be non-government sponsored. School teams are not eligible.
- Independent travel teams not associated with a league are not eligible.

- Only teams of players 14 years old and younger (as of January 1, 2001) can qualify.
- Qualified sports are: baseball, softball, football, basketball, soccer, ice hockey, roller hockey, field hockey, volleyball, lacrosse, tennis, swimming\* and golf.
- Grant money can be used for any team purpose (equipment, uniforms, tournament fees, trophies, etc.). League officials must endorse grant checks over to team representatives so the money can be spent for that team's needs. Leagues shall not keep the team's grant for league or facility purposes.
- Teams who have received any other type of grant from AmerenCIPS during 2001 are not eligible.

\* Swim team members may sew the patch to their swimsuits or team jackets/sweats.



### POWER PLAYER PATCH/TEAM PHOTO

Along with the grant, Ameren will provide the team with AmerenCIPS Power Player Patches for each player's uniform. AmerenCIPS requires each player (or their parents) to sew the patch to his or her uniform. Also, the team must supply AmerenCIPS with a team photo that clearly shows the Power Player Patch on the uniform of each team member. The photo must be supplied to AmerenCIPS before the end of that team's season.

### TIMING


The spring grant program runs from April 1 through June 30, 2001, and the fall grant program runs from July 1 through November 15, 2001. Applications received after November 15, 2001 will not be considered.

For an AmerenCIPS Power Player Grant Program application, please go to our website at [www.ameren.com](http://www.ameren.com) or call toll-free 1-877-4-AMEREN, ext. 46441.



**2000**  
**AmerenCIPS**  
**GreenLeaf**  
**Program**

*Helping bring  
nature to our communities*

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*Established in 1989 by AmerenUE (then Union Electric) to encourage reforestation and landscaping, Ameren Corporation has donated more than \$673,000 in corporate GreenLeaf grants to non-profit organizations. That's a lot of trees and landscaping.*

*Besides providing environmental benefits, our Ameren GreenLeaf program is one of many ways we support our communities and help them grow. In 1999, we awarded \$66,000 total in AmerenCIPS GreenLeaf grants to 11 organizations in the AmerenCIPS service area. And again in 2000, we're giving AmerenCIPS GreenLeaf awards of up to \$8,000 each to non-profits and civic / community organizations located in the AmerenCIPS service area in Illinois. Ameren will award a total of \$75,000 in AmerenCIPS GreenLeaf grants in 2000.*

#### **WHO'S ELIGIBLE**

To be eligible for a grant, your organization must hold a tax-exempt status from the IRS and be a current AmerenCIPS customer, and your project must be located on public property within the AmerenCIPS service area. Previous recipients of AmerenCIPS GreenLeaf grants are not eligible to apply in 2000.

Please be aware that we expect more applications than we have grants available. To decide which organizations get grants, we evaluate each project based on its ...

- impact on energy use and its overall effect on the environment;
- cost-effectiveness;
- general community impact, including educational benefits;
- maintenance plan;
- and the level of community support.

Judging is done by independent landscaping professionals and the Ameren Forestry staff.

#### **SCHEDULE**

Applications must be postmarked by March 4, 2000; winners (and those not selected) will be notified by April 3, 2000.

#### **MORE INFORMATION . . .**

To request an application, please call (314) 554-6441 or toll-free 1-877-4-AMEREN, ext. 46441. Or to ask questions, call (314) 554-2817 or toll-free 1-877-4-AMEREN, ext. 42817.

**And finally ...** Our thanks for your interest in our program and for your involvement in our community.

## HOW IT ALL BEGAN

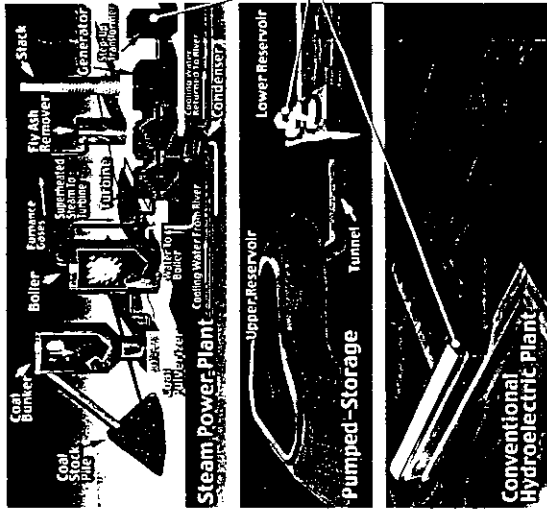
Union Electric Company (now known as AmerenUE) began looking into the possibility of building a pumped-storage hydro plant as early as 1953. Such plants had been used for many years in both the U.S. and Europe, but they were very small and normally used separate pumps and generating turbines. In the early 1960s generating turbines were developed that could be reversed and double as pumps, making larger pumped-storage hydro plants possible.

After six years of feasibility studies and planning, Union Electric chose 1,690-foot-high Profit Mountain in Reynolds County, Missouri for the site of their new pumped-storage plant. The plant was named "Taum Sauk" after the legendary Indian chief who once ruled tribes in the area.

Construction began in June, 1960. Six million tons of granite was removed to level the top of the mountain. Workers used this stone to build a retaining wall around the reservoir which covers an area equivalent to 39 football fields. And, a 25-foot diameter tunnel was bored from the bottom of the reservoir down through the mountain to the powerhouse where the turbines are located.

By July, 1963, the \$50 million project was nearly complete and they began to fill the upper reservoir for the first time with water from the Black River. A dedication ceremony was held on October 9, 1963 and attended by several hundred dignitaries including Missouri Governor John M. Dalton and St. Louis Mayor Raymond Tucker. Governor Dalton poured vials of water from other Union Electric plants into the Black River to symbolize the joining of the Taum Sauk Plant to the rest of the Union Electric system. The plant was fully operational and went into commercial operation on December 20, 1963.

The rustic area saw another major flurry of construction activity in 1998, when AmerenUE began a \$25 million dollar upgrade to modernize the plant and boost operating efficiency. Included in this upgrade was the installation of new "runners" - the impellers that turn the pump/turbines. Manufactured from stainless steel, each impeller measures 23 feet in diameter, stands 10 feet tall and weighs 200,000 pounds.

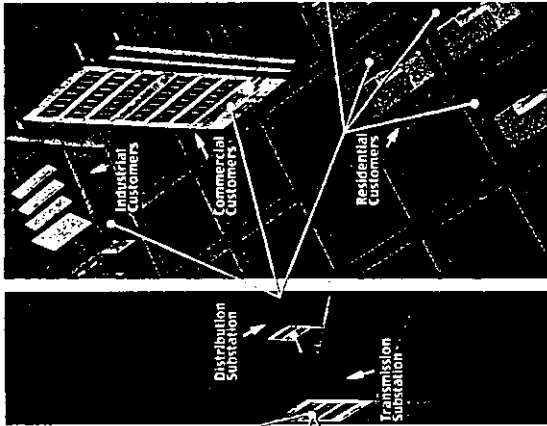


## HOW THE TAUM SAUK PLANT WORKS

At nights and on weekends, when demand for electricity is low, Taum Sauk uses power from other plants to pump water into the upper reservoir built atop nearby Profit Mountain. This pumping cycle takes 9 1/2 hours and requires up to 450,000 kilowatts of power.

During the peak period of the day, when electric demand is high, the process is reversed and Taum Sauk's pumps become turbine-generators. Water is released from the upper reservoir and gushes down a 7,000-foot tunnel to the lower reservoir. As it flows through the plant, it spins the turbine-generators, producing electricity in the same manner as a conventional hydro plant.

It takes more energy to pump water to the top of the mountain than is recovered when the plant is generating. But for each three economical night kilowatt-hours used for pumping, two daytime kilowatt-hours are returned when they are much more valuable.



Taum Sauk is used as a *peaking* and *reserve* generating station. The plant is put into operation when demand for electricity is greatest. Peaks, which are periods of high electrical demand, occur on both hot and cold days, with the greatest peaks occurring on the hottest summer days. An increase of only five degrees in daytime summer temperature can cause an immediate increase in demand for electricity from AmerenUE customers equal to the entire capacity of Taum Sauk Plant. Taum Sauk can start quickly, and therefore supports operating reserve requirements—helping to ensure reliable and available energy to our customers.

The operation of Taum Sauk Plant is controlled through a microwave system from Osage Plant at the Lake of the Ozarks—100 miles away. The amount of electrical "load" placed on Taum Sauk's generators is adjusted by remote control from AmerenUE's load dispatching office in St. Louis.

## HOW ELECTRICITY GETS TO OUR CUSTOMERS

Taum Sauk Plant produces electricity at 13,800 volts, but to be sent long distances efficiently, the voltage must be increased. Transformers at the plant step up the voltage to 138,000 volts, and the electricity is then sent along high-voltage transmission lines to substations, where it is stepped down to 12,000 volts prior to distribution to our customers.

From the substation, the electricity travels over distribution lines to our customers. However, before customers can use it, the power is further stepped down to 120 or 240 volts by transformers located near each customer's property. Then, with the flick of a switch, electricity can be put to work in homes, businesses, industries and schools.

## HOW WE'RE HELPING TO PRESERVE OUR NATURAL RESOURCES

Taum Sauk Plant operates a visitors center and nature museum, featuring information on Missouri's birds, mammals, wildflowers, geology and much more. It's open from 7:30 a.m. to 5:30 p.m. daily (including weekends and holidays) from March 1 through the day before Thanksgiving. Reservations are not necessary.

Approximately 1,500 acres of AmerenUE property at the Taum Sauk site are administered by the Missouri Department of Conservation as a wildlife management area and public fishing lake. The Department stocks the lake with catfish annually.

AmerenUE leases an additional 1,500 acres to the Missouri Department of Natural Resources. This land is slated to become an Ozark Trail access area.



WELCOME TO TAUM SAUK PLANT

AmerenUE's Taum Sauk Plant is located in the scenic Ozark highlands, eight miles north of Lesterfield, Mo., in Reynolds County. It consists of four main elements: the upper reservoir atop 1,500-foot Profit Mountain; a 7,000-foot-long shaft and tunnel inside the mountain; a power house containing two reversible pump-turbine generators; and a lower reservoir formed by a dam across the East Fork of the Black River.

Taum Sauk is one of three hydroelectric power plants on the AmerenUE system. The others are Osage Plant, located inside Bagnell Dam at Lakeside, Mo. (Lake of the Ozarks), and Keokuk Plant, located on the Mississippi River at Keokuk, Iowa.

Keokuk and Osage are *conventional* hydro plants, using the water passing through them from a river or lake to spin turbine-generators and produce electricity. However, Taum Sauk is a *pumped-storage* hydro plant. It stores water by pumping to its upper reservoir during times when demand for electricity is low, and then releases the water to generate electricity when the power is needed.

Hydro power is important to the reliability of AmerenUE's electric supply, because unlike the company's nuclear and fossil fuel plants, hydro plants can be started in seconds—providing needed power in case of a system emergency. Hydro plants also play a key role in helping meet electrical demand during "peak" periods.

Although AmerenUE's hydro plants have less generating capacity than the company's other plants, they provide a reliable and economical supply of electric energy. Working together with other generating plants on the system, the hydro plants offer AmerenUE customers a diversity of power sources that helps keep rates down while ensuring reliability.

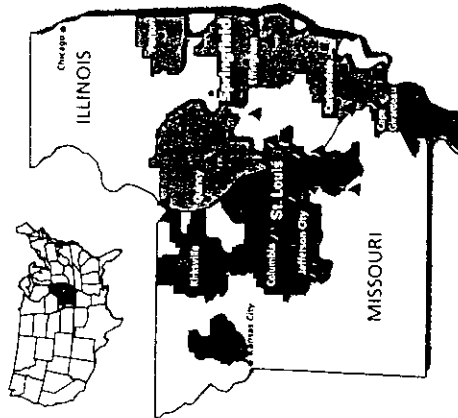


# Taum Sauk Plant

## ABOUT AmerenUE

AmerenUE is a subsidiary of St. Louis-based Ameren Corporation, formed by the 1997 merger of Union Electric Company (UE) and CIPSCO Incorporated, parent of Central Illinois Public Service Company (CIPS). Ameren companies serve 1.5 million electric customers and 300,000 natural gas customers in a 44,500 square-mile area of Missouri and Illinois.

## AMEREN MISSOURI AND ILLINOIS SERVICE TERRITORY



- AmerenUE Service Area
- AmerenCIPS Service Area
- ▲ Power Plants
- Electric Energy, Inc. (EEI)

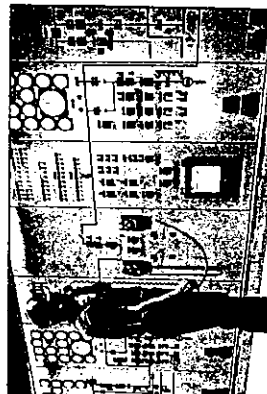
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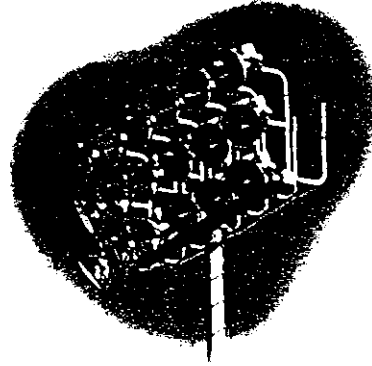
Taum Sauk's upper reservoir sits atop the 1,500-foot high Profit Mountain. It covers an area of 65 acres and holds 1.5 billion gallons of water enough to supply a city the size of St. Louis with all its water needs for four days.




These reversible pump-turbine units provide 450,000 kilowatts of "peak" capacity to the AmerenUE system. The units operate at 200 revolutions per minute with the pressure of an 800-foot head of water. Each unit pumps more than one million gallons per minute. Each of the turbines' lowest bearings can carry more than two million pounds.



Down inside the power plant, an AmerenUE employee checks the main control room. Normal operation of the plant is actually controlled through a microwave system from the Osage Plant at the Lake of the Ozarks—160 miles away.



**2001**  
**Ameren**  
**SmartLights™**  
**Program**

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THE POWER OF LIGHT  
THE POWER OF COMMUNITY

*Established in 1998 by Ameren to encourage energy-efficient lighting in public places, Ameren Corporation has donated \$1.25 million in SmartLights grants to 127 civic, community and non-profit organizations in the Ameren service area.*

*In 2001, Ameren will award an additional \$250,000 total in SmartLights grants to non-profit organizations served by Ameren in Missouri and Illinois. No individual SmartLights grant will exceed \$10,000.*



#### AMEREN SMARTLIGHTS

**The Program:** Ameren SmartLights provides grants to selected not-for-profit, civic and community organizations for energy-efficient lighting equipment to improve indoor or outdoor lighting in public areas.

Funds can be used to (1) upgrade existing installations with newer, more efficient components; (2) add more energy efficient lighting to areas that already possess some lights; (3) light an area that is currently not lit.

**Program Requirements:** Electricity for the proposed installation must be provided by AmerenUE or AmerenCIPS. The submitted lighting plan must be approved by our lighting experts for compliance with energy efficiency and other technical standards. Preference will be given to plans for lighted areas that serve a higher percentage of the population and are most endorsed by local community leaders. Previous recipients of Ameren SmartLights grants are not eligible to apply again.

Applications will be accepted from not-for-profit, community, public or civic organizations within the AmerenUE and AmerenCIPS service areas. Visit [our website www.ameren.com](http://www.ameren.com) ([go to your community, then to Community Lighting Grants](#)) or call [toll free 1-877-4-AMEREN, ext. 46441](tel:1-877-4-AMEREN) to obtain a [SmartLights application](#).

**The Timing:** Applications must be postmarked no later than September 29, 2001. The judging panel will review applications by October 31, 2001. All grant recipients (and those not selected) will be notified by November 15; funds will be allocated by December 15, 2001.

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# Dusk-To-Dawn Outdoor Lighting

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## The Safety and Security of Outdoor Lighting for Your Home or Business

- Provides optimum security over a large area
- Comes on and shuts off automatically
- Cost can be added to your monthly AmerenUE bill

## Three Types Available

- Protect-O-Lite – wall-mounted flood lights
- Post Top Lantern – freestanding pole lamp
- Area Lighting – mounted to existing utility pole

To find out more about Dusk-To-Dawn Outdoor Lighting,  
contact AmerenUE at 554-4500, or toll-free  
at 1-800-552-7583.



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# Missouri

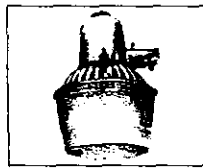
## Dusk-To-Dawn Basic Monthly Rates

Type of Luminaire	Lamp Wattage	Lumen Output	Monthly Rate*
Open-Type	100 H.P.S.	9,500	\$ 6.90
Enclosed-Type	100 H.P.S.	9,500	\$ 7.79
Enclosed-Type	250 H.P.S.	25,500	\$11.27
Enclosed-Type	400 H.P.S.	50,000	\$20.08
Directional	250 H.P.S.	25,500	\$14.30
Directional	400 H.P.S.	50,000	\$22.61
Directional	400 M.H.	36,000	\$14.30
Directional	1000 M.H.	100,000	\$45.21

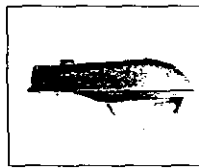
\*Plus all applicable sales and municipal taxes

Total cost for complete lighting service using high pressure sodium (H.P.S.) lamps on an existing pole.

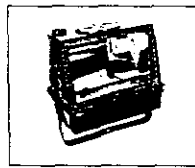
There are extra charges if additional facilities are required.



Open-Type  
Luminaire -  
H.P.S.



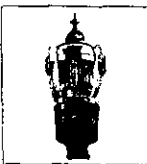
Enclosed-Type  
Luminaire  
H.P.S.



Directional  
Luminaire  
H.P.S. M.H.

### Post Top Luminaires

All units have photoelectric control. They turn "on" at dusk and "off" at dawn - automatically.



Early American Colonial Contemporary Aspen

Overall height is approximately 16 feet on a tapered pole

Lamp Wattage	Lumen Output	Monthly Rate*
100 H.P.S.	9,500	\$11.44

\*Plus municipal tax where applicable

All post top luminaires require underground wiring (cost of which is not included in the above)

Monthly rate includes fiberglass pole, luminaire, high pressure sodium (H.P.S.) lamp, electricity and maintenance 10-year contracts only.

**REGISTRATION FORM**

Please register me in (please check box):

- Budget Billing
- Pay-by-Web
- Direct Payment
- Pay-by-Phone

I hereby authorize AmerenUE to debit my account each month for my AmerenUE payment. I understand that AmerenUE or I can cancel this agreement any time.

Please print:

Name: \_\_\_\_\_  
 Service Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Service Address: \_\_\_\_\_

Return this form along with your AmerenUE bill payment to:

AmerenUE  
 P.O. Box 66529  
 St. Louis, Mo. 63166-6529

**PLEASE FILL THIS OUT FOR YOUR RECORDS:**

- On \_\_\_\_\_ (today's date), I authorized AmerenUE to automatically deduct funds each month on the due date of my energy bill (AmerenUE Direct Payment plan).
  - I pay my energy bill each month according to my telephone instructions, or
  - I pay my energy bill each month according to my instructions via the Internet.
- from my account (number \_\_\_\_\_) at \_\_\_\_\_ (bank, credit institution)

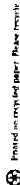
**AND KEEP IN MIND**

- **Note:** Direct payment cannot start with your current AmerenUE bill. You must include payment for your current bill with your direct payment registration form.
- If you enroll in the AmerenUE Direct Payment Plan, your account will be debited each month on the due date shown on your bill.
- If you enroll in the AmerenUE Pay-by-Phone or AmerenUE Pay-by-Web, a 25-cent processing fee will be deducted from your bank account each time you make a payment. And please allow two to four days for payment processing.
- Your bank statement will show a line item debit to your account.
- Payment calls made from locations other than the number from which you called to enroll may require you to enter the telephone number you originally entered as well as your PIN.

For more information on all other Customer's Choice programs, call 314.342.1111. Those outside the St. Louis metropolitan area can call toll free: 1.800.592.7563. Visit our web site at [www.ameren.com](http://www.ameren.com)



We're Always There.



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**You're in Charge**

Choose the payment option most convenient for you



**AmerenUE** YOU'RE IN CHARGE

Everyone appreciates  
having some control  
over how they spend  
their money. Now  
when you pay your  
energy bills, you've  
got the power to pick  
the payment option  
you like best:



**AmerenUE BUDGET BILLING**

If you prefer to pay a regular monthly amount throughout the year, sign up for the AmerenUE Budget Billing plan and avoid the peaks that come with either summer air conditioning or winter heating. Here's how budget billing works:

- We figure your average annual energy costs based on the amount used at your address.
- We average that amount to bill you the same amount each month.
- Then we review the bills every four months to see if your payments reflect your usage. If necessary, we make minor adjustments.
- Your 12th bill balances the budget by crediting any overpayments or listing any additional charges.

To register for AmerenUE Budget Billing, call toll-free 1.800.552.7583, 24 hours a day, 7 days a week, or simply mail in the attached registration form along with your AmerenUE bill payments.

**AmerenUE DIRECT PAYMENT**

Streamline your payment process and save time by having your monthly bill payments taken directly out of your checking or savings account. Here's how it works:

- About 10 days before the due date, your monthly bill will arrive with the same information you get now.
- Record the amount as you would a check.
- Payment is made from your bank account exactly on the due date, not a single day sooner.
- *Tip from our customers:* customers who travel or are particularly busy like to pair this payment option with AmerenUE Budget Billing.
- **Note:** Direct payment cannot start with your current AmerenUE bill. You must include payment for your current bill with your direct payment registration form.

To register for AmerenUE Direct Payment, fill out the attached registration card, attach it to a cancelled or voided check from the account you want to pay from and enclose them with your next AmerenUE bill payment.

**AmerenUE PAY-BY-WEB**

If you regularly access the Internet, you can arrange to receive your Missouri AmerenUE bill and arrange to pay your Missouri AmerenUE bill by computer, over the Internet. AmerenUE has partnered with CheckFree Corporation to provide this service.

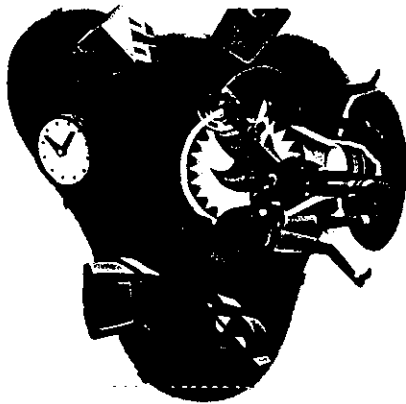
- Log onto the CheckFree Web site at [www.ebillinfo/checkfree.com](http://www.ebillinfo/checkfree.com) to enroll to receive your bill and to authorize payment.
- When your bill arrives you will be notified by e-mail.
- You may then view your bill online and pay your bill online by accessing the CheckFree's web site.
- This service is provided at no charge to the customer.

**AmerenUE PAY-BY-PHONE**

You can pay your energy bill by telephone, using methods similar to pay-by-phone systems at many local banks. After receiving your AmerenUE bill, dial 1.800.579.7600 on a touch-tone telephone. Punch in a self-selected PIN (designated on your first call) and authorize payment directly from your bank.

- The fee is 38 cents per transaction.

Detach and return this form along with your AmerenUE bill payment, to:  
AmerenUE  
P.O. Box 66529  
St. Louis, Mo. 63166-6529





REGISTRATION FORM

Yes, I/we want to participate in the AmerenCIPS Direct Payment Plan Equalizer budget-billing plan I/we hereby authorize AmerenCIPS to debit my/our checking/savings account each month for my/our AmerenCIPS payment. I/we understand that AmerenCIPS or I/we can cancel this agreement any time.

If you're registering for Direct Payment, please attach a cancelled or voided check from the account you want to pay from.

Please print.

Names(s)

Daytime Phone

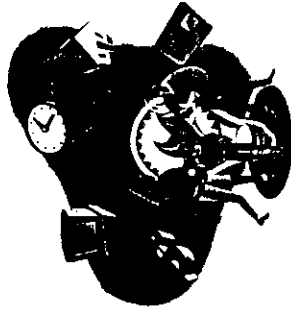
Signature(s)

Date

Return this form with your AmerenCIPS bill payment, or mail it to AmerenCIPS Treasury Department 607 East Adams Street Springfield, IL 62739



CUSTOMER'S CHOICE



You're in Charge

Choose the payment option most convenient for you

For more information on AmerenCIPS' Direct Payment plan, call toll-free 1.800.850.4994. For more information on our Equalizer budget-billing plan, call toll-free 1.888.795.2477. Visit our web site at www.ameren.com



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Everyone appreciates  
having some control  
over how they spend  
their money. Now  
when you pay your  
energy bills, you've  
got the power to pick  
the payment option  
you like best.



**AMERENCIPS EQUALIZER**

**BUDGET-BILLING**

If you prefer to pay a regular monthly amount throughout the year, sign up for the AmerenCIPS Equalizer budget-

billing plan and avoid the peaks that come with either summer air conditioning or winter heating. Here's how Equalizer budget-billing works:

- We figure your average annual electricity and gas costs based on the amount used at your address during the last 365 days.
- We divide that amount by 12 and bill you the same amount each month, for 12 months.
- On your anniversary date, we measure your actual usage compared to what you've been billed. Any variance is divided by 12 and your next 12 months' bills are increased or decreased by that amount.

To register for AmerenCIPS Equalizer budget-billing, call toll-free 1.888.789.7477, 6 AM-10 PM Monday-Friday and 8 AM-5 PM Saturday. Or, fill out the attached registration card and enclose it with your next AmerenCIPS bill payment. Your first bill after you register will reflect your budget-billing amount.

**AMERENCIPS DIRECT PAYMENT**

Streamline your payment process and save time by having your monthly bill payments taken directly out of your checking or savings account. Here's how it works:

- About 21 days before the due date, your monthly bill will arrive with the same information you get now.

(Commercial customers' bills will arrive about 14 days before the due date.)

- Record the amount as you would a check.
- Payment is made from your bank account exactly on the due date, not a single day sooner.
- *Tip from our customers:* customers who travel or are particularly busy like to pair this payment option with AmerenCIPS Equalizer budget-billing.

To register for AmerenCIPS Direct Payment, fill out the attached registration card, attach it to a cancelled or voided check from the account you want to pay from and enclose them with your next AmerenCIPS bill payment.





# Payment Options

Choose the payment option most convenient for you

For more information on all AmerenUE payment options, call 314.342.1111. Those outside the St. Louis metropolitan area can call toll-free, 1.800.552.7563. Visit our web site at [www.ameren.com](http://www.ameren.com)



Residential use only. Paper. Please recycle.

**PLEASE FILL THIS OUT FOR YOUR RECORDS**

On \_\_\_\_\_ (today's date), I authorized AmerenUE to automatically deduct funds each month on the due date of my energy bill (AmerenUE Direct Pay plan), from my \_\_\_\_\_ checking/savings account \_\_\_\_\_ at \_\_\_\_\_ (bank, credit institution) \_\_\_\_\_ (account number)

**AND KEEP IN MIND**

- Note: Direct Pay cannot start with your current AmerenUE bill.
- If you enroll in the AmerenUE Direct Pay Plan, your account will be debited each month on the due date shown on your bill.
- Your bank statement will show a line item debit to your account.

**REGISTRATION FORM**

Yes, I want to participate in the AmerenUE Direct Pay Plan. I hereby authorize AmerenUE to debit my checking/savings account each month for my AmerenUE payment. I understand that AmerenUE or I can cancel this agreement any time.

*If you're registering for Direct Pay, please attach a cancelled or voided check from the account you want to pay from.*

Please print.

AmerenUE Account number \_\_\_\_\_  
 Name(s) \_\_\_\_\_  
 Service Address \_\_\_\_\_ City \_\_\_\_\_  
 Daytime Phone \_\_\_\_\_  
 Signature(s) \_\_\_\_\_  
 Date \_\_\_\_\_

Mail this form along with your voided check to:  
 Ameren  
 Treasury Technology Services  
 607 East Adams Street  
 Springfield, IL 62739



Everyone appreciates having some control over how they spend their money. Now when you pay your energy bills, you've got the power to pick the payment option you like best:



**AmerenUE BUDGET BILLING**

If you prefer to pay a regular monthly amount throughout the year, sign up for the AmerenUE Budget Billing plan and avoid the peaks that come with either summer air conditioning or winter heating. Here's how budget billing works:

- We figure your average annual energy costs based on the amount used at your address.
- We average that amount to bill you the same amount each month.
- Then we review the bills every four months to see if your payments reflect your usage. If necessary, we make minor adjustments.
- Your 12th bill balances the budget by crediting any overpayments or listing any additional charges.

To register for AmerenUE Budget Billing, call toll-free 1.800.552.7583, 24 hours a day, 7 days a week, or simply mail in the attached registration form to the address indicated.

**AmerenUE DIRECT PAY**

Streamline your payment process and save time by having your monthly bill payments taken directly out of your checking or savings account. Here's how it works:

- About 10 days before the due date, your monthly bill will arrive with the same information you get now.
- Record the amount as you would a check.
- Payment is made from your bank account exactly on the due date, not a single day sooner.
- *Tip from our customers:* customers who travel or are particularly busy like to pair this payment option with AmerenUE Budget Billing.
- **Note:** Direct Pay cannot start with your current AmerenUE bill.

To register for AmerenUE Direct Pay, fill out the attached registration card, attach it to a cancelled or voided check from the account you want to pay from and mail it to:

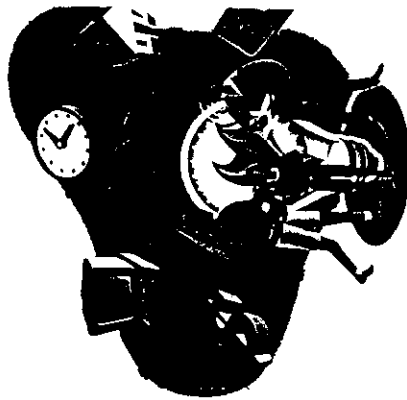
Ameren  
Treasury Technology Services  
607 East Adams Street  
Springfield, IL 62739

**AmerenUE PAY-BY-WEB**

If you regularly access the Internet, you can register to receive your Missouri AmerenUE bill and arrange to pay your Missouri AmerenUE bill by computer, over the Internet. AmerenUE has partnered with CheckFree Corporation to provide this service.

- Log onto the Ameren Web site at [www.amerenu.com](http://www.amerenu.com) and click on CheckFree to enroll to receive your bill and to authorize payment.
- When your bill arrives you will be notified by e-mail.
- You may then view your bill online and pay your bill online by accessing CheckFree's web site.
- This service is provided at no charge to the customer.

Detach and mail this form to:  
Ameren  
Treasury Technology Services  
607 East Adams Street  
Springfield, IL 62739





***Spring 2001***

***(April 1 - June 30, 2001)***

***Power  
Player  
Grant  
Program***

Schedule 4-136

[www.ameren.com](http://www.ameren.com)



# **AmerenCIPS Power Player Grant Program**

## **Spring 2001 (April 1 - June 30, 2001)**

### **Terms and qualifications for the AmerenCIPS Power Player Grant Program:**

- There will be a maximum of \$150,000 in grant money available in 2001, to be awarded to 500 individual grant recipients, \$300 per grant.
- Grants are awarded first-come, first-served, by postmark on applications received.
- A maximum of 300 grants for spring/summer sports will be awarded to applications postmarked between 4/1/2001 and 6/30/2001 and 200 grants for fall/winter sports will be awarded to applications postmarked between 7/1/2001 and 11/15/2001.
- The team representative who submits the application must live within AmerenCIPS service territory, and the team must be comprised primarily of children of AmerenCIPS customers.
- Grant checks must be mailed to the home address of the team representative -- they cannot be mailed to the league office.
- Only one grant check can be mailed to any one address per calendar year.
- Team representatives applying for grants must be 21 years of age or older.
- A maximum of 15 teams per calendar year from any one league are eligible to receive grants.
- Grant money can be used for any team purpose (equipment, uniforms, tournament fees, trophies, etc.).
- Leagues cannot keep individual teams' grant money for league or facility purposes. Grants are intended for use by individual teams for individual team purposes. They are not intended to be "ganged" together by a league for use towards infrastructure purchases or maintenance (i.e. lighting, fencing, grandstand seating, etc.).
- Only one application will be considered per year for any one team.
- Teams may re-apply annually. Teams may receive grants for a maximum of three consecutive years.
- After receiving a grant, the team must send a team photo showing AmerenCIPS patches on every player's uniform as soon as possible (see procedures below). Teams that do not supply a photo cannot apply for a grant the following year.
- An endorsement letter from league officials must accompany the registration form.
- Teams must be non-government sponsored. School teams are not eligible.
- Only teams of players 14 years old and younger (as of January 1, 2001) qualify.
- Qualified sports are: baseball, softball, football, basketball, soccer, ice hockey, roller hockey, field hockey, volleyball, lacrosse, tennis, swimming\* and golf.
- Teams who have received any other type of grant from AmerenCIPS during 2001 are not eligible.

\*Swim team members may sew the patch to swimsuits, team jackets or sweats



### **Application and grant award/denial procedure**

1. Obtain a letter of endorsement from the administrators of the league in which your team will be playing. The letter must confirm that your team is officially registered to play in that league for the upcoming (or present) season. Any application not accompanied by a letter of endorsement will be denied.
2. Complete the attached application form and mail it along with your endorsement letter to:  
AmerenCIPS Power Player Grant Program  
Mail Code 100  
P.O. Box 66149  
St. Louis, MO 63166-6149
3. If you are awarded a Power Player Grant, you will first receive an award letter along with AmerenCIPS Power Player patches for each player on your team as indicated on your application form. Shortly thereafter, you will receive a check for \$300 (mailed to your home address, but made payable to your league). Both should arrive via U.S. mail approximately 4 weeks from the date we receive your application. You'll be responsible for having your league endorse the check over to you. Then you can put the money towards whatever need your team has.
4. If your application is denied, you will receive a regret letter approximately 4 weeks from the date that your application is received.
5. If you are a grant recipient, upon receipt of your patches, please distribute them and instruct the parents of the children on your team to secure (sew) the patch onto their child's jersey in the FRONT LEFT SHOULDER area (Instructions will be sent with patches.)
6. Please take a team photo in which the patches are clearly visible on the children's jerseys, and mail it to the address above. If your team plans to have a team photo taken as part of your league's normal process, feel free to wait until that picture is taken, and send us a copy of that photo - again, with the AmerenCIPS Power Player patches clearly visible.

# AmerenCIPS Power Player Grant Application

## Spring 2001 (April 1 - June 30, 2001)

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Date: \_\_\_\_\_

Team name: \_\_\_\_\_

Age range of team players: \_\_\_\_\_

Sport the team is playing: \_\_\_\_\_

Season starting date: \_\_\_\_\_ Season ending date: \_\_\_\_\_

Number of players on the team (indicates number of patches needed): \_\_\_\_\_

Are the majority of the players on the team children of AmerenCIPS customers? Yes No  
(circle one)

Has this team, or any parent or coach of this team received any other grant from Ameren Corporation this year? Yes No If "yes", describe \_\_\_\_\_  
(circle one)

Name of team representative applying for grant: \_\_\_\_\_

Home Address: \_\_\_\_\_  
(Patches and check must be mailed to this address.)

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

Home phone: \_\_\_\_\_ Work phone: \_\_\_\_\_ Age Under 21 21 or Over  
(circle one)

Your relationship to the team (Coach, Team Manager, etc.): \_\_\_\_\_

Intended use of grant money: \_\_\_\_\_  
(Grants are intended for individual team use and are not intended to be "pooled" together for league use, or to fund travel, housing, food, etc.)

Name of league team competes in: \_\_\_\_\_ League Office Phone: \_\_\_\_\_  
(check will be made payable to this league)

Street address of league office: \_\_\_\_\_  
(check cannot be mailed to league office)

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

By signing below, the team representative named states the above information is true and correct, and agrees that if an AmerenCIPS Power Player grant is awarded to the above-named team, the money will only be spent for use by this team, and that the embroidered AmerenCIPS Power Player patches will be affixed to the players' uniforms, and that a team photograph, clearly displaying the patches on the players' uniforms will be sent to the specified address before the end of their current season, per the terms of the program described herein. Team named above also agrees that their name and/or photo can be featured during publicity and promotion of the Power Player Grant Program (arranged by AmerenCIPS).

Signature of Team Representative: \_\_\_\_\_ Date: \_\_\_\_\_

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***Mail this completed application, with your letter of endorsement to:***

AmerenCIPS Power Player Grant Program  
Mail Code 100  
P.O. Box 66149  
St. Louis, MO 63166-6149

If you have questions regarding details that are not covered in the terms and qualifications as described in this application, please call Steve Troll at 314.554.6416, or toll-free 1.877.4AMEREN, ext. 46416.



***Fall 2001***

***(July 1 - November 15, 2001)***

***Power  
Player  
Grant  
Program***

Schedule 4-140

[www.ameren.com](http://www.ameren.com)

# **AmerenCIPS Power Player Grant Program**

## **Fall 2001 (July 1 - November 15, 2001)**

### **Terms and qualifications for the AmerenCIPS Power Player Grant Program:**

- There will be a maximum of \$150,000 in grant money available in 2001, to be awarded to 500 individual grant recipients, \$300 per grant.
- Grants are awarded first-come, first-served, by postmark on applications received.
- A maximum of 300 grants for spring/summer sports will be awarded to applications postmarked between 4/1/2001 and 6/30/2001 and 200 grants for fall/winter sports will be awarded to applications postmarked between 7/1/2001 and 11/15/2001.
- The team representative who submits the application must live within AmerenCIPS service territory, and the team must be comprised primarily of children of AmerenCIPS customers.
- Grant checks must be mailed to the home address of the team representative -- they cannot be mailed to the league office.
- Only one grant check can be mailed to any one address per calendar year.
- Team representatives applying for grants must be 21 years of age or older.
- A maximum of 15 teams per calendar year from any one league are eligible to receive grants.
- Grant money can be used for any team purpose (equipment, uniforms, tournament fees, trophies, etc.).
- Leagues cannot keep individual teams' grant money for league or facility purposes. Grants are intended for use by individual teams for individual team purposes. They are not intended to be "ganged" together by a league for use towards infrastructure purchases or maintenance (i.e. lighting, fencing, grandstand seating, etc.).
- Only one application will be considered per year for any one team or team representative. (Note: even if your first application is declined, you're not eligible to reapply until the following year.)
- Teams may re-apply annually. Teams may receive grants for a maximum of three consecutive years.
- After receiving a grant, the team must send a team photo showing AmerenCIPS patches on every player's uniform as soon as possible (see procedures below). Teams that do not supply a photo cannot apply for a grant the following year.
- An endorsement letter from league officials must accompany the registration form.
- Teams must be non-government sponsored. School teams are not eligible.
- Independent travel teams not associated with a league are not eligible.
- Only teams of players 14 years old and younger (as of January 1, 2001) qualify.
- Qualified sports are: baseball, softball, football, basketball, soccer, ice hockey, roller hockey, field hockey, volleyball, lacrosse, tennis, swimming\* and golf.
- Teams who have received any other type of grant from AmerenCIPS during 2001 are not eligible.

\*Swim team members may sew the patch to swimsuits, team jackets or sweats

### **Application and grant award/denial procedure**

1. Obtain a letter of endorsement from the administrators of the league in which your team will be playing. The letter must confirm that your team is officially registered to play in that league for the upcoming (or present) season. Any application not accompanied by a letter of endorsement will be denied.
2. Complete the attached application form and mail it along with your endorsement letter to:  
AmerenCIPS Power Player Grant Program  
Mail Code 100  
P.O. Box 66149  
St. Louis, MO 63166-6149
3. If you are awarded a Power Player Grant, you will first receive an award letter along with AmerenCIPS Power Player patches for each player on your team as indicated on your application form. Shortly thereafter, you will receive a check for \$300 (mailed to your home address, but made payable to your league). Both should arrive via U.S. mail approximately 4 weeks from the date we receive your application. You'll be responsible for having your league endorse the check over to you. Then you can put the money towards whatever need your team has.
4. If your application is denied, you will receive a regret letter approximately 4 weeks from the date that your application is received.
5. If you are a grant recipient, upon receipt of your patches, please distribute them and instruct the parents of the children on your team to secure (sew) the patch onto their child's jersey in the FRONT LEFT SHOULDER area. (Instructions will be sent with patches.)  
Please take a team photo in which the patches are clearly visible on the children's jerseys, and mail it to the address above. If your team plans to have a team photo taken as part of your league's normal process, feel free to wait until that picture is taken, and send us a copy of that photo - again, with the AmerenCIPS Power Player patches clearly visible.



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# AmerenCIPS Power Player Grant Application

## Fall 2001 (July 1 - November 15, 2001)

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Date: \_\_\_\_\_

Team name: \_\_\_\_\_

Age range of team players: \_\_\_\_\_

Sport the team is playing: \_\_\_\_\_

Season starting date: \_\_\_\_\_ Season ending date: \_\_\_\_\_

Number of players on the team (indicates number of patches needed): \_\_\_\_\_

Are the majority of the players on the team children of AmerenCIPS customers? Yes No  
(circle one)

Has this team, or any parent or coach of this team received any other grant from Ameren Corporation this year? Yes No If "yes", describe \_\_\_\_\_  
(circle one)

Name of team representative applying for grant: \_\_\_\_\_

Home Address: \_\_\_\_\_  
(Patches and check must be mailed to this address)

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

Home phone: \_\_\_\_\_ Work phone: \_\_\_\_\_ Age: Under 21 21 or Over  
(circle one)

Your relationship to the team (Coach, Team Manager, etc.): \_\_\_\_\_

Intended use of grant money: \_\_\_\_\_  
(Grants are intended for individual team use and are not intended to be "banded" together for league use i.e. grants for uniforms, lighting, etc.)

Name of league team competes in: \_\_\_\_\_ League Office Phone: \_\_\_\_\_  
(check will be made payable to this league)

Street address of league office: \_\_\_\_\_  
(check cannot be mailed to league office)

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

By signing below, the team representative named states the above information is true and correct, and agrees that if an AmerenCIPS Power Player grant is awarded to the above-named team, the money will only be spent for use by this team, and that the embroidered AmerenCIPS Power Player patches will be affixed to the players' uniforms, and that a team photograph, clearly displaying the patches on the players' uniforms will be sent to the specified address before the end of their current season, per the terms of the program described herein. Team named above also agrees that their name and/or photo can be featured during publicity and promotion of the Power Player Grant Program (arranged by AmerenCIPS)

Signature of Team Representative: \_\_\_\_\_ Date: \_\_\_\_\_

( See back page for mailing instructions )

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***Mail this completed application, with your letter of endorsement to:***

AmerenCIPS Power Player Grant Program  
Mail Code 100  
P.O. Box 66149  
St. Louis, MO 63166-6149

If you have questions regarding details that are not covered in the terms and qualifications as described in this application, please call Sue Bell at 314.554.2817, or toll-free 1.877.4AMEREN, ext. 42817 (Note: Please do not call regarding the status of your submitted application. All applicants will receive either a grant letter or decline letter approximately 4 weeks after Ameren receives the application.)