



Commissioners:

KENNETH McCLURE
Chairman

ALLAN G. MUELLER

DAVID L. RAUCH

PATRICIA D. PERKINS

DUNCAN E. KINCHELOE

Missouri Public Service Commission

POST OFFICE BOX 360
JEFFERSON CITY, MISSOURI 65102
314 751-3234
314 751-1847 (Fax Number)

August 3, 1992

BRENT STEWART
Executive Secretary

SHERRY BOLDT
Director, Utility Services

SAM GOLDAMMER
Director, Utility Operations

GORDON L. PERSINGER
Director, Policy & Planning

DANIEL S. ROSS
Director, Administration

CECIL I. WRIGHT
Chief Hearing Examiner

MARY ANN YOUNG
General Counsel

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PUBLIC SERVICE COMMISSION

Mr. Brent Stewart
Executive Secretary
Missouri Public Service Commission
P.O. Box 360
Jefferson City, Missouri 65102

RE: Case No. EX-92-299 -- In the matter of the Proposed Commission Rules 4 CSR 240-22.010 through 22.080.

Case No. OX-92-300 -- In the matter of the Proposed Amendments to Commission Rules 4 CSR 240-14.010 through .040 and Proposed Recission of 4 CSR 240-14.050.

Dear Mr. Stewart:

Enclosed for filing in Case No. EX-92-299 is a cover letter from Laura Barrett, Director of the Missouri Public Interest Research Group (MoPIRG), and the 1,291 signatures that she states were gathered in the St. Louis area in support of the MoPIRG least cost energy bill submitted in the last legislative session. The Staff requests that the enclosed copy of this cover letter be filed in Case No. OX-92-300.

Very truly yours,

Steven Dottheim
Deputy General Counsel
(314) 751-7489

SD:rn

cc: Laura Barrett

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TO: MISSOURI PUBLIC SERVICE COMMISSION

PUBLIC SERVICE COMMISSION

THE FOLLOWING 1,291 SIGNATURES WERE GATHERED IN THE ST. LOUIS AREA IN SUPPORT OF THE LEAST COST ENERGY BILL RECENTLY SUBMITTED TO THE STATE LEGISLATURE. THESE SIGNATURES REPRESENT THE GROWING PUBLIC FOR :

1. LOWERING UTILITY BILLS BY INVESTING IN CONSERVATION AND RENEWABLE ENERGY SOURCES, RATHER THAN SPENDING THE CONSUMERS MONEY ON LARGE COAL-FIRED POWER PLANTS.
2. JOBS: CONSERVATION AND RENEWABLE ENERGY PROGRAMS CREATE FOUR TIMES AS MANY JOBS AS SPENDING ON LARGE COAL OR NUCLEAR PLANTS.
3. MISSOURI COAL-FIRE ELECTRIC PLANTS CAUSE \$2.2 BILLION PER YEAR IN ENVIRONMENTAL DAMAGE. CONSERVATION PROGRAMS MEAN LESS POLLUTION.

WE REQUEST THAT AS THE PUBLIC SERVICE COMMISSION YOU ISSUE A MANDATE TO THE MISSOURI UTILITIES THAT REQUIRES THEY INVEST 4.5% OF THEIR GROSS REVENUES IN CONSERVATION AND RENEWABLE ENERGY. MOPRG IS GATHERING PUBLIC INPUT ON THIS BY PETITIONING. WE RECOMMEND THAT THE PUBLIC SERVICE COMMISSION ALSO SEEK OUT THE PUBLIC'S OPINION THROUGH ALL MEANS POSSIBLE; INCLUDING PUBLIC HEARINGS, FORUMS AND OTHER METHODS.

THE PUBLIC SERVICE COMMISSION HAS A OBLIGATION TO THE MISSOURI CONSUMERS TO PROVIDE ENVIRONMENTALLY SAFE ENERGY AT THE LOWEST POSSIBLE COST.

Lauren Scott
Mo MRC Director
406 1/2 Shenandoah
St Louis, MO 63110

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To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment!

We support MoPIRG's plan for "Least Cost" electric utility planning:

1. **Lower utility bills:** Utility spending on conservation and renewable energy is less expensive for consumers than spending on large coal-fired power plants.

2. **Job:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.

3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE	NAME	ADDRESS	PHONE
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<i>Rich Zaret</i>	<i>Michael Zaret</i>	<i>2960 Coll</i>	<i>291-5836</i>
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<i>Nancy K. Gill</i>	<i>82</i>	<i>Washington St. Charles</i>	<i>723-1615</i>
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<i>Marcia A. Brehm</i>	<i>801</i>	<i>Washington St. Charles</i>	<i>946-7335</i>
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<i>* Band</i>	<i>735</i>	<i>Washington St. Charles</i>	<i>946-6573</i>
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<i>Rex Anderson</i>	<i>829</i>	<i>JEFFERSON ST. ST. CHARLES</i>	<i>947-1880</i>
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<i>* Erica Underwood</i>	<i>135</i>	<i>Jefferson St. St. Charles</i>	<i>723-4231</i>
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<i>Rich John</i>	<i>729</i>	<i>Jefferson St. St. Charles</i>	<i>723-2104</i>
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<i>Joe Kaiser</i>	<i>717</i>	<i>Jefferson St. - Chas.</i>	<i>724-4209</i>
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<i>George Mueller</i>	<i>1705</i>	<i>PARK AVE</i>	<i>724-5134</i>
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<i>Ch. Vandergrop</i>	<i>64</i>	<i>Barton St. Charles</i>	<i>946-7014</i>
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<i>P. J. Kahn</i>	<i>2109</i>	<i>Park St. Charles</i>	
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<i>Floyd Meyer</i>	<i>12</i>	<i>Blackberry Dr. St. Charles, Mo.</i>	
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<i>Robin Echel</i>	<i>16</i>	<i>Blackberry Dr. St. Charles, Mo.</i>	<i>947-9939</i>
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<i>Stanley Phil</i>	<i>20</i>	<i>Oliver St. Peters, Mo.</i>	
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<i>Walter Zinner</i>	<i>16</i>	<i>Clark St. St. Peters, Mo.</i>	
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Maryland Heights 1981

To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment!

We support MoPIRG's plan for "Least Cost" electric utility planning:

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2. **Jobs:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.
3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE	NAME	ADDRESS	PHONE
<i>David Chion</i>	David Chion	2460 Country Wood	576-0985
<i>John Bright</i>	John Bright	2432 Westford	
<i>Diane Bright</i>	Diane Bright	2432 Westford	
<i>Ann Kauer</i>	Ann Kauer	12010 Washburn	63043
<i>Brenda Brewer</i>	Brenda Brewer	12025 Westford	63043
<i>Mary V. Gallweith</i>	Mary V. Gallweith	2537 Westford Dr.	
<i>Margaret Jones</i>	Margaret Jones	8427 Westford Dr.	
<i>Engel R. Kerner</i>	Engel R. Kerner	2459 Wesley Dr.	
<i>Kenneth Forster</i>	Kenneth Forster	12043 Wesmeade	
<i>Valerie Althaus</i>	Valerie Althaus	12061 Wesmeade	
<i>Fred P. Auer</i>	Fred P. Auer	2491 Wesmeade	576-8678
<i>Wm B. Roberts</i>	Wm B. Roberts	12132 Wesmeade	878-5097
<i>Janet E. Capelli</i>	Janet E. Capelli	12116 Wesmeade	576-7569
<i>Dana M. Auer</i>	Dana M. Auer	2407 Wesley Drive	
<i>Lone Burt</i>	Lone Burt	12014 Westford	576-7726

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Hi

INTRO: STATEWIDE

WE ARE CONSUMER AND ENVIRONMENTAL GROUP
AND WE JUST PASS A LAW AGAINST ILLEGAL POLLUTERS IN OUR STATE
ANNUAL MEMBERSHIP DRIVE

REASON:

Tonight: CAMPAIGN FOR BOSTON UTILITY PLANNING

Problem: WE FOUND THAT ENERGY USE
IN MA POLLUTES OUR ENVIRONMENT
COST US AS CONSUMERS MORE MONEY
EVERY

33% UP → UTILITY RATES HAVE SHOT UP
OVER THE LAST FEW YEARS

SOLUTION: FIGHTING A LEGISLATIVE CAMPAIGN
ON JEFF CITY, PROMOTING ENERGY CONSERVATION
AND USE OF RENEWABLE RESOURCES

THIS WILL HELP SAVE THE ENVIRONMENT
PROTECT ELECTRIC
WE NEED CITIZEN SUPPORT TO WIN ON
THIS ISSUE
40

THE BEST WAY TO GET INVOLVED

WE ARE SUGGESTING: MEMBER \$50 30 FOR
CONTRIBUTION THE YEAR
THIS GIVE US POLITICAL COST AND FINANCIAL BACKUP
TO WIN ON THIS ISSUE

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SIGNATURE	NAME	ADDRESS	PHONE
Joe Checkett	JOE CHECKETT	105 BRIARCLIFF DR	724 8341
Mary Donais	MARY DONAIS	108 BRIARCLIFF DR	
Bonnie Weeks	Bonnie Weeks	3343 Greiner Dr.	949-6816
Joyce Lauer	Joyce LAUER	3400 GREINER DR.	unlisted
David Behle	DAVID BEHLE	3408 Greiner Dr.	723-6314
Sue Elbert	SUE ELBERT	3334 WILSHIRE	947-0953
Rita van Straalen	Rita van Straalen	3401 Wilshire	946-3126
Scott Pope	Scott Pope	2917 Elmcrest	946-9389
Lori Pope	Lori Pope	2917 Elmcrest	946-9389
Kenn Layton	Kenn Layton	2932 Elmcrest	723-7296
Bill Chaney	B. H. Chaney	3138 woodcroft	444-3028
R Warheim	R Warheim	112 Claybrook CT	928-4114
Leslie Warheim	Leslie Warheim	112 Claybrook Ct	928-4114
Steve Krehler	STEVE KREHLER	11 CLAYCREST CT.	928-1451
Kristine Krehler	KRISTINE KREHLER	11 Claycrest Court	928-1451

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Ken Lazer</i>	KEN LAZER	216 UNIVERSAL	
<i>Rick Witzes</i>	RICK WITZES	303 Universal -	
<i>Chris Laughlin</i>	CHRIS LAUGHLIN	211 UNIVERSAL DR	
<i>Jeff Menz</i>	JEFF MENZ	#4 GALAXY DR	
<i>Ronald Menzies</i>	RONALD MENZIES	B GALAXY DR	441-4008
<i>Susan Strickland</i>	SUSAN STRICKLAND	12 Galaxy Dr.	
<i>John Springman</i>	JOHN SPRINGMAN	125 Universal Dr.	
<i>Teff Cox</i>	TEFF COX	222 Blanche Dr.	
<i>Dan Plouman</i>	DAN PLOUMAN	315 BLANCHE DR	
<i>Billy Lewis</i>	BILLY LEWIS	3025 Rockwood	
<i>William Decker</i>	WILLIAM DECKER	3431 FRUIT DR	
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SIGNATURE	NAME	ADDRESS	PHONE
<i>Michael R. Schubert</i>		5749 Mango	487-9957
<i>Linda Gaspard</i>		5757 Mango	894-1021
<i>D.R. Norris</i>	D.R. Norris	3705 White Bark St.	892-8491
<i>Bob Kufner</i>		3723 White Bark	894-9795
<i>William Russell</i>	William Russell	3735 White Bark	845-2078
<i>Barb Johnson</i>	Barb Johnson	3734 White Bark	894-6960
<i>Rich Garcia</i>	Rich Garcia	3730 WHITE BARK	892-7653
<i>Dick Bremer</i>	DICK BREMER	3301 Crystal	478-9282
<i>M. Gallagher</i>	M. Gallagher	3515 Sunland Garden Ct.	487-5272
<i>J. Schramm</i>	J. Schramm	3501 Sunland Garden	879-796
<i>Mike Martin</i>	Mike Martin	3520 Sunland Garden	894-3529
<i>Kenneth G. Hartling</i>	Kenneth G. Hartling	5742 Mango Dr.	892-9952
<i>Nelson Cain</i>	Nelson Cain	4101 Brass Red Dr.	872-7737
<i>Mike F. Summerville</i>	Mike F. Summerville	4633 Brass Red Dr.	892-8344
<i>Mike Weber</i>	Mike Weber	4943 Larch	567-5187

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SIGNATURE	NAME	ADDRESS	PHONE
<i>James Simpson</i>	James Simpson	2525 Salem	739-1946
<i>Martin Jupp</i>	Martin Jupp	12184 Belaire	291-4787
<i>Mary F Moore</i>	Mary F Moore	2553 Sheridan	298-1875
<i>Shirley Jensen</i>	Shirley Jensen	2562 Sheridan	739-8521
<i>Wiley Tensavage</i>	Wiley Tensavage	12253 Bennington	298-2544
<i>Kurt H. McDaniel</i>	Kurt H. McDaniel	12241 Bennington	839-2540
<i>Mrs. N. Kuehn</i>	Mrs. N. Kuehn	12221 Bennington	739-4368
<i>Peter A. Mrazgalski</i>	Peter A. Mrazgalski	12204 Bennington	291-4469
<i>Charles Taylor</i>	Charles Taylor	12204 Hillcrest	735-0523
<i>Frederic Norris</i>	Frederic Norris	12203 Hillcrest	739-0890
<i>Bryan Harris</i>	Bryan Harris	12220 Hillcrest	291-1684
<i>Dan H. Fitzgerald</i>	Dan H. Fitzgerald	12224 Hillcrest	298-0456
<i>John Bismarck</i>	John Bismarck	12234 Hillcrest Pl	739-7484
<i>Tommy Berg</i>	Tommy Berg	12227 Hillcrest	298-8894
<i>Diane Robinson</i>	Diane Robinson	2 Connemara Ct.	928-2072

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Jeane Stuart</i>	JEANE STUART	16 Oak Forest Dr.	441-0223
<i>G.P. Williams</i>	G.P. Williams	20 Oak Forest Dr	441-1114
<i>K.J. Walck</i>	K.J. Walck	34 Oak Forest Dr	441-2418
<i>S.G. Hissler</i>	S.G. HISSLER	1 OAK FOREST DR.	928-1967
<i>G.C. Shepherd</i>	G.C. SHEPHERD	46 Woods Hill Dr	926-7795
<i>K.J. Caen</i>	K.J. Caen	40 Oak Forest Dr	441-7268
<i>Tom Christ</i>		520 Oak Hills Hill	441-3291
<i>Don Weinke</i>	DON WEINKE	204 WHITEHIRST CT. W.	447-5982
<i>Sue LaCroix</i>	SUE LACROIX	263 Whitehurst Pln. Ct.	928-6298
<i>Bill L. Johnston</i>	BILL L. JOHNSTON	215 WHITEHIRST MANOR	441-6421
<i>Gregg Fedorak</i>	GREGG FEDORAK	213 WHITEHIRST MANOR CT.	447-8715
<i>Liz Bridges</i>	LIZ BRIDGES	1613 WHITEHIRST MANOR DR.	441-9246
<i>Harry Noel</i>	HARRY NOEL	1611 Whitehurst Manor.	926-0323
<i>Jean Meyer</i>	JEAN MEYER	1602 Whitehurst Mh.	441-6507
<i>Denise Larson</i>	DENISE LARSON	4111 Durham Ct	447-2058

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Cheryl M. Harte</i>	Cheryl M. Harte	400 Duane	723-5340
<i>Loena L. Kelley</i>	Loena L. Kelley	500 Lee	723-2982
<i>Nancy Ferber</i>	Nancy Ferber	413 Lee	947-6826
<i>Carol Neal</i>	Carol Neal	401 Lee	723-7913
<i>Ken Hagedorn</i>	Ken Hagedorn	35 Lee Dr	947-3675
<i>Maggie Stephens</i>	Maggie Stephens	1001 #8 Park Crest	946-5406
<i>Leta & Bradley Wallis</i>	Leta & Bradley Wallis	36 B Lee Dr. Nt	
<i>Walter Barts</i>	Walter Barts	2837 Essex St Charles MO	947-4359
<i>Vicki Baisch</i>	Vicki Baisch	2829 Essex St. St. Charles, Mo.	63301
<i>Lore Mann</i>	Lore Mann	2809 Essex St. Charles, Mo.	63301
<i>Mike Zim</i>	Mike Zim	2720 Essex St. Charles Mo	63301
<i>Don</i>	Don	2817 Penbroke St. Charles Mo	63301
<i>Annette E. Fisher</i>	Annette E. Fisher	2904 Essex St. Charles, Mo.	63301
<i>Kenneth C. Ballard</i>	Kenneth C. Ballard	2920 Elmcroft Dr. St. Charles Mo	63301
<i>Shirley J. Kreyer</i>	Shirley J. Kreyer	2931 Homewood St. Charles	63301

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AUG 8 1992

To the Missouri Public Service Commission:

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Eric Jacobson</i>	Eric Jacobson	4532 SHOSHONE TRAIL	928-0502
<i>Gloria Radale</i>	Gloria Radale	463 Shoshone	
<i>Pam M'Grath</i>	Pam M'Grath	4678 Onondaga Trl	928-0410
<i>William Schick</i>	William Schick	1461 Arapahoe Way	926-3921
<i>Bartholomew Steffen</i>	Bartholomew Steffen	5932 Summerfield	441-4227
<i>Jeff Chadwick</i>	Jeff Chadwick	3968 Summerfield Dr	928-0137
<i>Greg Proctor</i>	Greg Proctor	3917 Summit Ave	926-2370
<i>Eugene L. Glover</i>	Eugene L. Glover	3922 Summit Dr	928-4202
<i>Regina Capps</i>	Regina Capps	1441 Navaho Trail	926-8307
<i>Mike K. Goodrich</i>	Mike K. Goodrich	1433 Navaho Tr	
<i>Sherree Smith</i>	Sherree Smith	1421 Navaho Tr.	441-4900
<i>Jim Roby</i>	Jim Roby	1401 Navaho Tr.	441-9858
<i>Donald Ritchie</i>	DONALD RITCHIE	4525 DAKOTA TR.	441-3101
<i>Richard Wright</i>	Richard Wright	4549 Dakota Tr	441-6082
<i>Mark S. Schild</i>	Mark S. Schild	1431 Mohican Tr.	Work 731-4652

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SIGNATURE	NAME	ADDRESS	PHONE
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<i>[Signature]</i>	107 Parkview	569-4546
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<i>[Signature]</i>	Mary C. Cline	1616 Whitehurst Manor
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<i>[Signature]</i>	John C. Kigg	1618 Whitehurst Manor	235-9095
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<i>[Signature]</i>	Randy Stumpf	115 S. Hampton	926-3554
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<i>[Signature]</i>	MC Stutz	18 Plymouth Ct	447-8551
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<i>[Signature]</i>	Carey Thorton	429 Chelsea Drive	441-2708
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<i>[Signature]</i>	Laura G. Mitchell	409 Chelsea Dr
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<i>[Signature]</i>	Terry Schults	408 Chelsea Dr.
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<i>[Signature]</i>	MARTIN GILFOIL	412 CHELSEA DR	926-3988
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<i>[Signature]</i>		470 CHELSEA DR.
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<i>[Signature]</i>	Guine Petre	309 Boothbay Ct.	441-0644
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<i>[Signature]</i>	Stephen Nokes	205 Biddford Ct W	928-4352
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<i>[Signature]</i>	Michael J. Byll	209 Biddford	926-2446
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<i>[Signature]</i>	Tickie Lynn	208 Biddford	441-1148
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<i>[Signature]</i>	Mike + Rose Baugh	104 Biddford	928-1472
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SIGNATURE	NAME	ADDRESS	PHONE
Harriette Wayne	Harriette Wayne	2412 Headland	946-3204
Arch Wayne	Arch Wayne	2412 Headland	946-3204
Mary Brockgreeters		2620 Headland	724-0966
Barbara Henke	Barbara Henke	3000 Headland	946-2716
John Krekel	JOHN KREKEL	2905 Headland	946-7329
Elinor Buzan	ELINOR BUZAN	4 Canterbury Ct	946-5481
Frank Brown	FRANK BROWN	808 Indian Hills Dr.	946-1764
A Gary Rehm	A GARY REHM	617 Indian Hills Dr.	923-7142
Loreta Hammond	Loreta Hammond	922 Indian Hills Dr.	723-4686
Scott Anderson	Scott Anderson	2713 Essex St	947-2323
Julie Felicelli	JULIE FELICELLI	23 River Trail St. Charles MO 63303	926-2565
Carol Beck	Carol Beck	21 River Trail St. Charles MO 63303	N/A
Catherine Peenew	CATHERINE PEENEW	19 Trappers Way St. Charles, MO 63303	41-2188
Gloria Longan	Gloria Longan	11 Trappers Way St. Charles, MO 63303	928-9337
Hen Perot	Hen Perot	18 Trapper Way	928-5874

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SIGNATURE	NAME	ADDRESS	PHONE
Sandy Hebert	Sandy Hebert	55 Spring Way Pt	441-0271
Julie Garsner	Julie Garsner	4 Spring Ct	447-2461
Michele Garsner	MICHELE GARSNER	4 Wood Ct	441-9270
Pat G. Vogel	PAT G. Vogel	6 Wood Ct	441-9151
Amber Onis	Amber Onis	7 Wood Ct	928-1758
Margaret Derr	Margaret Derr	46 Springway	928-0158
Cindy Hall	CINDY HALL	42 Spring Way	928-9021
Alan Barker	Alan Barker	32 Springway	928 4627

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AUG 8 1992
PUBLIC SERVICE COMMISSION

To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment!

We support MoPIRG's plan for "Least Cost" electric utility planning:

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SIGNATURE NAME ADDRESS PHONE

Laura Phife 21 Pilot Hill Drive 635Ka

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SIGNATURE	NAME	ADDRESS	PHONE
<i>[Signature]</i>		12546 Rte 11 Hill	573-2151
<i>[Signature]</i>		12058 Renaissance	770-0911
<i>[Signature]</i>		1658 Florine Blvd	939-4458
<i>[Signature]</i>	Jennifer G. Barnard	1781 Florine Blvd.	928-5692
<i>[Signature]</i>	Rebel A. Baul	1781 Florine	928-5692
<i>[Signature]</i>	Angela K. Jones	1701 Florine	441-9140
<i>[Signature]</i>	John D. McLean	1649 Florine Blvd	441-3168
<i>[Signature]</i>	Deane Werts	1623 Florine Blvd	928-7432
<i>[Signature]</i>	Robert L. Rorte	1741 Florine Blvd	926-3232
<i>[Signature]</i>	Wanda J. Trachten	1417 Dawnbreak	946-1321
<i>[Signature]</i>	A. Morgan	5 Collins Ct	9478122
<i>[Signature]</i>	Carole Hunter	47 Sarsdale Ct	947-0579
<i>[Signature]</i>	Ruth Numerice	54 Allen Eagles Ct	946-9329
<i>[Signature]</i>	Martha W.	1 Sarsdale Manor Ct	947-3903
<i>[Signature]</i>	J. Kozny	10 Pine Trail	941-3176

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SIGNATURE	NAME	ADDRESS	PHONE
[Signature]	William J Schmeider	309 [unclear]wood	441-3332
[Signature]	LEON OLINGER	15 SNOW HILL ST. PETERS	878-8024
[Signature]	JEAN MOODY	41 SNOWHILL ^{ST.} PETERS	928-7785

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100-443886-100
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

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<i>George Beck</i>	George Beck	11816 Brookmont	291-2509
<i>Maier Holfield</i>	Monica Holfield	11828 Brookmont	291-7907
<i>E Jamieson</i>	E Jamieson	11836 Brookmont	939-5907
<i>Wilbert Ziff</i>	Wilbert Ziff	11943 Brookmont	739-7649
<i>Don Gaimo</i>	Darlene Gaimo	11947 Brookmont	734-1506
<i>C. Portant</i>	Cathy Portant	11941 Brookmont	291-6384
<i>Virgil Tally</i>	Virgil Tally	11937 Brookmont	735-1640
<i>John McPherson</i>	John McPherson	11931 Brookmont	739-1945
<i>Donald McGarvey</i>	Donald McGarvey	11899 Brookmont	739-8592
<i>Joe Hummer</i>		11911 Hollybrook	
<i>Phil Meredith</i>	Phil Meredith	11923 Holly Brook	739-9374
<i>David Ragan</i>	David Ragan	11927 Holly Brook	739-2611
<i>David Ragan</i>	DAVID RAGAN	Same	739-2611
<i>Heather Ragan</i>	Heather Ragan	11927 Holly Brook	739-2611
<i>James Brown</i>	James Brown	11987 Holly Brook	739-8816

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Dolores McGrath</i>	DOLORES MCGRATH	312 HAWTHORN	946-5746
<i>Robert A. Kinn</i>	ROBERT A. KINN	2909 CONCORDIA	723-2389
<i>R. E. Hammes</i>	R. E. HAMMES	565 CONCORDIA	946-6944
<i>N. Southard</i>	N. SOUTHARD	1225 S. WHEATON	946-9565
<i>P. Ernest</i>	P. ERNEST	3032 FLAMINGO DR.	947-0161
<i>M. G. Moses</i>	M. G. MOSES	1925 MALLAGHER	724-6228
<i>G. L. Lunsford</i>	G. L. LUNSFORD	1609 GALLAHUE	925-1893
<i>L. W. Lunsford</i>	L. W. LUNSFORD	1725 GALLAHUE	947-8134
<i>A. Springmeyer</i>	A. SPRINGMEYER	1532 GALLAHUE	947-4101
<i>Edward Turner</i>	EDWARD TURNER	1608 GALLAHUE	949-9971
<i>Bonita Turner</i>	BONITA TURNER	1608 GALLAHUE	949-9971

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SIGNATURE	NAME	ADDRESS	PHONE
<i>T. Marichuk</i>	T MARICHUK	800 JEFFERSON	946-4759
<i>Frances Vatterott</i>	FRANCES VATTEROTT	1077 Jefferson	723-2330
<i>Terry Henkel</i>	TERRY HENKEL	201 Shelburne	946-8931
<i>Paul Schmidt</i>	PAUL SCHMIDT	5724 Runnymede	947-8207
<i>Helen R. Feuerbach</i>	HELEN R. FEUERBACH	318 Buckskin Path	
<i>Herbert F. Echelle</i>	HERBERT F. ECHELLE	3100 Thrush DR. ST. CHARLES	723-2499
<i>Barbara C. Kehl</i>	BARBARA C. KEHL	3824 Thrush, St. C. 63301	946-5218
<i>Carla Simon</i>	CARLA SIMON	2921 Thrush	947-6868
<i>Jeanne Feltz</i>	JEANNE FELTZ	3121 Thrush	723-0838
<i>James H. McCall</i>	JAMES MCCALL	3137 Sussex	949-2553
<i>Mary Hahn</i>	MARY HAHN	3101 Sussex	946-9567
<i>Jerry Sparks</i>	JERRY SPARKS	316 Clarendon	946-7224
<i>R. Albrecht</i>	R. ALBRECHT	324 CLARENDON	946-2608

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SIGNATURE	NAME	ADDRESS	PHONE
Barb O'Bryan	BARB O'BRYAN	3483 Huntington	928-6728
Benita Sperandio	BENITA SPERANDIO	3463 "	926-2008
Ken Bazely	KEN BAZELY	3482 BRIDLE DR.	447-4306
Mary Brown	MARY BROWN	512 SLIPES	939 752
Sue Crow	SUE CROW	419 Quiet Dr.	928-9137
Cathy Mark	CATHY MARK	3480 Huntington Dr.	926-3974
Russ Ragon	RUSS RAGAN	3321 Woods man	447-7724
Janet Capitanelli	JANET CAPITANE	3490 Beldeer	441-4991
Karen White	KAREN WHITE	1620 GETTYSBURG	441-2131
Virginia Bennett	VIRGINIA BENNETT	1404 Gettysburg	441-4077
Kathleen Scherr	KATHLEEN SCHERR	1401 GETTYSBURG	928-6941
Boyle Burlawn	BOYLE BURLAWN	850 Starlight Dr.	926-2796
John Morak	JOHN MORAK	850 STARLIGHT	441-2047
Sandy Pottelbaum		776 Poplar Dr.	447-3450

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SIGNATURE	NAME	ADDRESS	PHONE
<i>M. O'Shea</i>	MANKO'MARA	752 Poplar Dr St. Chas, Mo	928-6303
<i>Christine A Seaman</i>	CHRISTINE SEAMAN	855 STARLIGHT ST CHARLES,	447-8248
<i>Kenn M. Bruegg</i>	Kenn M. Bruegg	863 STARLIGHT ST. Charles	928-4444
<i>Dean Crowe</i>	DEAN CROWE	2955 HIRON LINE ST. CHARLES	447-3571
<i>Kathryn Matich</i>	KATHY MATICH	707 HIRON LINE ST. CHARLES, MO.	447-3571
<i>William McCall</i>	WILLIAM MCCALL	2937 Oetting St. Charles	441-3682
<i>John McFudge</i>	JOHN MCFUDGE	2960 Oetting St Charles	447-9149
<i>Betty Campbell</i>	BETTY CAMPBELL	3 Hiron Line Ct. St. Charles, Mo.	63303
<i>Charles Lind</i>	CHARLES LIND	5 Hiron Line Ct St Charles	63503
<i>Rob-Eaton</i>	ROB-EATON	1213 YORKTOWN ST Charles	63303
<i>Vick LeMay</i>	VICK LEMAY	1136 Saratoga St Charles	63303
<i>T. Gnierek</i>	T. GNIEREK	1128 Saratoga St. Chas	63303
<i>Rich Rieck</i>	RICH RIECK	1121 Yorktown St. Chas.	63303
<i>Mary Rosebrough</i>	MARY ROSEBROUGH	1121 Yorktown St. Charles,	63303
<i>Paul Rosebrough</i>	PAUL ROSEBROUGH	1121 Yorktown St. Charles	63303

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<i>Nancy C. Borders-Wing</i>	Nancy C. Borders-Wing	505 Snipes Dr St. Charles 63303	928-1338
<i>Cindy Payton</i>	Cindy Payton	338 Beaver Lake Dr. 63303	928-9327
<i>Mary Ann Roedersheimer</i>	Mary Ann Roedersheimer	378 Beaver Lake Dr. 63303	928-1647
<i>Le Nible</i>	Le Nible	3306 Woodway St Charles	447-5931
<i>Terrence Smith</i>	Terrence Smith	424 Sunset Dr. St. Charles Mo.	441-3193
<i>Rodney D Wheeler</i>	Rodney D Wheeler	2953 Kandahar Dr, St. Charles Mo.	723-6554
<i>Karen J. Schaffner</i>	Karen J. Schaffner	2949 Kandahar St Charles, Mo.	947-6087
<i>Larry Milam</i>	Larry Milam	2944 Kandahar Dr St. Charles, Mo.	947-7757
<i>Peggy Dempsey</i>	Peggy Dempsey	2972 Greenleaf Dr St. Charles, Mo	63303
<i>Sarra Morris</i>	Sarra Morris	3947 Lexington Dr. St. Charles Mo	63304
<i>Mary S'ell</i>	Mary S'ell	3841 Main St. Charles, Mo	63304
<i>James V. Ziegemeier</i>	James V. Ziegemeier	3959 Lexington, St. Charles, Mo	63304
<i>Larry M. Loebl</i>	Larry M. Loebl	3939 Lexington St Charles, Mo.	63304
<i>Kim Brown</i>	Kim Brown	3906 Lexington St. Charles Mo	63304
<i>Michelle Naguin</i>	Michelle Naguin	1217 Market St. Charles	63304

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SIGNATURE	NAME	ADDRESS	PHONE
Phyllis Morris ²	Phyllis Morris	1403 St. Gregory Ln.	
Donna Peters	Donna Peters	1407 St. Gregory Ln.	
J. R. Ssa		141 ST GREGORY LN	
Debbie Ernst	DEBBIE ERNST	413 RAMONA LN.	
Mary Anne McKenna	Mary Anne McKenna	5231 Westminster Pl.	
Lynne Taffel	Lynne Taffel	4417 Hadede	
Ronald Jackson	Ronald Jackson	4453 Lucade	
William Steel	William Steel	20 Spencer Valley Dr.	
Tona Williams	Tona Williams	28 Heather Valley Circle	
Paula Hivicki	PAULA HIVICKI	3 Thistle CT	
Karen Haub	Karen Haub	2 Ardennals	
Dale Wilhelm	DALE WILHELM	147 BRAMBLEWOOD DR	
Lori Hanna	Lori Hanna	4 Shadowcreek Dr.	
Karen Caravelli	KAREN CARAVELLI	2 SHADOWCREEK DR	
Jan Klein	Jan Klein	3 Shadowwood Ct	
Michael McGuire	Michael McGuire	21 Shadow Ln	

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Arinda G. Rogers</i>	Rogers	2 Barkwood Trls. St. Peters	926-3904
<i>Mary Jane Szymanski</i>	Szymanski	32 Oak Creek Dr.	441-3838
<i>Laurence E. Buhman</i>	Buhman	2 Fernridge St. Peters	441-5860
<i>DOUG BENNETT</i>	BENNETT	71 JULIE LANE, ST. PETER	278-5966
<i>STAN DENTON</i>	DENTON	41 JULIE LN, ST. PETER	278-1715
<i>David H. Kammmer</i>	Kammmer	17 Julie Lane St. Peter	279-2078
<i>Wanda Hestrich</i>	Hestrich	#7 Julie St. Peter	279-1286
<i>Larry Elfers</i>	Elfers	80 Julie Ln. St. Peter	279-1169
<i>Allen Clark</i>	Clark	51 Julie Ln St. Peter	279-2304
<i>James E. Melton</i>	Melton	33 Julie Ln St. Peters	279-1273
<i>David & Blair Van Merlo</i>	Van Merlo	1 Julie Ln	278-6688
<i>Don Mitchell</i>	Mitchell	28 Julie Lane St. Peter	633-326
<i>Harry Callahan</i>	Callahan	21 Spencer Crossing St. Peters	633-376
<i>Bill Evers</i>	Evers	23 Spencer Crossing St. Peters	633-376
<i>Marge Allard</i>	Allard	25 Spencer KING St. Peters	633-376

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SIGNATURE	NAME	ADDRESS	PHONE
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<i>[Signature]</i>	Ln Robbins	12675 Glenpeak Dr.	
<i>[Signature]</i>	Kathy White	14600 Glenpeak Dr.	
<i>[Signature]</i>	Andrew B. White	14600 Glenpeak Dr.	
<i>[Signature]</i>	Maria Johnson	2741 Chatham Dr.	63043
<i>[Signature]</i>	Sally Harris	2646 Territerlake Dr.	
<i>[Signature]</i>	Bonnie Kama	12173 Sunnycrest	63043
<i>[Signature]</i>	Don Roberts	12111 Sunnycrest	63043
<i>[Signature]</i>	John Agrippino	2710 Chatham Dr.	63043
<i>[Signature]</i>	Lylee Agrippino	2710 Chatham Dr.	63043
<i>[Signature]</i>	Jenna Baughman	2713 Timberlake Dr.	63043
<i>[Signature]</i>	Thomas D Williams	2705 Timberlake	63043
<i>[Signature]</i>	Karen K Williams	2705 Timberlake	63043
<i>[Signature]</i>	Mary C Lewis	113 Lansing	63043
<i>[Signature]</i>	John Brown	125 Lansing	63043
<i>[Signature]</i>	Robert J. Goodley	2844 Penbrooke Ln.	63301

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Joyce E. Harris</i>	Joyce E. Harris	457 Morningside	279-1750
<i>JEAN DISSER</i>	JEAN DISSER	300 Morningside	279-3465
<i>DAVID JENNER</i>	DAVID JENNER	#6 STRAFFORD DR	278-2494
<i>Jeff Harris</i>	Jeff Harris	22 STRAFFORD	278-6218
<i>Loy Shrum</i>	Loy Shrum	312 MORNINGSIDE	278-4566
<i>Betty Gerst</i>	Betty Gerst	316 MORNINGSIDE	278-4912
<i>Don MacIntyre</i>	Don MacIntyre	430 " "	278-8187
<i>Bud Grace</i>	Bud Grace	442 MORNINGSIDE	278-292
<i>Jim Keegan</i>	Jim Keegan	303 MORNINGSIDE	278-3144
<i>BARBARA RITTER</i>	BARBARA RITTER	10 STRAFFORD ST PETERS	299-3444
<i>Janice Post</i>	Janice Post	50 Kimberly St Pkrs	278-3584
<i>SARAH MANLEY</i>	SARAH MANLEY	46 Kimberly LN	441-0119
<i>Betsy Mangiaracina</i>	Betsy Mangiaracina	1050 Cedar Gate St Louis	822-7188
<i>Erika Johnson</i>	Erika Johnson	3754 Westminster	535-3023
<i>Brenda Kramlich</i>	Brenda Kramlich	507 Robindale Ave Penton, Mo. 63026	282-1543

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<i>Mary Ellen Schoene</i>	Mary Ellen Schoene	4 Paul Ave. St. Charles, Mo 63301	724-8435
<i>Ruth A. Long</i>	RUTH A-LONG	79 Haynes Lane St. Charles, Mo 63301	724-4060
<i>Ralph Laumert</i>	RALPH LAUMERT	6 Wayne	754 3795
<i>Chas. Huffman</i>	CHAS. HUFFMAN	3159 Arrow Rock St. Charles	928-9289
<i>Dennis Thompson</i>	Dennis Thompson	3114 Arrow Rock Dr. St. Charles, Mo 63303	447-2338
<i>Sandy Buxton</i>	Sandy Buxton	3 River Valley Ct. St. Charles, Mo 63303	928-8179
<i>Debra Spetrangel</i>	Debra Spetrangel	5 River Valley Ct. St. Charles, Mo 63303	928-0488
<i>David Spetrangel</i>	David Spetrangel	5 RIVER VALLEY CT, ST. CHARLES, MO 63303	928-0488
<i>Jo Ann Schmidt</i>	Jo Ann Schmidt	519 River Bend St. Charles, Mo 63303	926-0537
<i>Jack Gough</i>	Jack Gough	2986 Hillcrest ST. CHARLES, MO 63303	928-9712
<i>Tina VanLee</i>	TINA VANLEE	37 DAVID ST. CHARLES, MO 63304	447-2503
<i>Betty I Morgan</i>	Betty I Morgan	30 David Dr. St. Charles, Mo 63304	928-3151
<i>Roy D. Graham</i>	ROY D. GRAHAM	40 DAVID DR ST. CHARLES, MO 63304	447-4908
<i>Orville Stephens</i>	Orville Stephens	52 LOIS DR	
<i>Bobbie Stephens</i>	Bobbie Stephens	St. Charles Mo 63304	926-2105

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Mary K. Brock	Mary K. Brock	316 Essex Dr.	723-1430
Daryl J. Anderson	Daryl J. Anderson	3129 ESSEX DR	946-4055
L. Mayher	L. Mayher	3108 SUSSEX DR	949-0075
D. Lacey	D. Lacey	309 CLARENDON	723-8960
Patricia Molina	Molina	3413 Greiner	946-2231
Roger Gibson	Roger Gibson	192 Hastings Way	925-2994
Rick Milet	RICK MILET	11 WHITEWOOD CT.	447-2002
Kathy Sowers	Kathy Sowers	139 Pralle Lane	723-4234
Neal Sowers	Neal Sowers	139 Pralle Lane	723-4234
David Brumer	DAVID BRUMER	205 PRALLE LN	947-3207
Thomas Salvo	THOMAS SALVO	349 Pralle Ct	947-0445
Thomas Harris	T.S. HARRIS	373 PRALLE CT	723-1478
Wirtz	WIRTZ	120 KEENE	949-9162
Chuck Seton	55. La... Chuck Seton	155 Rob... 167 PRALLE LN	949-8112

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To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment!

We support MoPIRG's plan for "Least Cost" electric utility planning:

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1. **Lower utility bills:** Utility spending on conservation and renewable energy is less expensive for consumers than spending on large coal-fired power plants.

2. **Job:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.

3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE	NAME	ADDRESS	PHONE
<i>Gary W. Kasten</i>	GARY W. KASTEN	3 JAGUETTA COURT ST. PETERS, MO. 68376	278-4179
<i>E. J. Farkas</i>	E. FARKAS	4 JAGUETTA ST. PETERS	278-1849
<i>Mary Kerschmann</i>	MARY KERSCHMANN	2 Jaguetta Ct. St. Peters	279-1702
<i>Patricia M. Elko</i>	PATRICIA M. ELKO	78 June Dr. St. Peter	unlisted
<i>Pamela Cook</i>	Pam Cook	48 June Dr. Peters	278-1467
<i>MARIE FIELDS</i>	MARIE FIELDS	11 JUNE ST PETER	278-1150
<i>Joyce Mungar</i>	Joyce Mungar	30 Marianne Dr St Peters	279-6933
<i>Charlotte Nader</i>	Charlotte Nader	23 Marianne Dr St. Peters	278-1540
<i>John J. Peery</i>	John J. Peery	31 JUNE DR.	
<i>Paul J. Peery</i>	PAUL J. PEERY	53 JUNE DR.	278-6421
<i>Harold Stuart</i>	HAROLD STUART	96 JUNE ST.	278-5768
<i>David Stuart</i>	David Stuart	8 Lynn dr.	278 5749
<i>Karen Cull</i>	KAREN CULL	4 ANN DR	278-1271
<i>Frank Demas</i>	FRANK DEMAS	31 ANN	278-1421
<i>DIANNA GRAHAM</i>	DIANNA GRAHAM	27 Lynn	278-2723

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Len Porter</i>	Len Porter	#7 Airline ⁶³³⁰⁴	926-3298
<i>Barbara Porter</i>	Barbara Porter	7 Airline Dr. St. Chas ⁶³³⁰⁴	926-3298
<i>Matthew Porter</i>	Matthew Porter	" " "	"
<i>Carol Blodgett</i>	Carol Blodgett	22 Victoria Place	928-8836
<i>Lois Dr.</i>	Lois Dr.	6 Lois Dr.	441-6355
<i>Robert Rosick</i>	Robert Rosick	3656 Bluff Valley	447-8668
<i>Gary J. Flor</i>	GARY J. FLOR	304 MEADOW PLACE DR. ST CHAS 63303	441-3341
<i>Kristin Brill</i>	Kristin Brill	4492 Laclede	652-7163
<i>Leo Asaro</i>	Leo Asaro	4492 Laclede	652-7163
<i>Dave van Buren</i>	Dave van Buren	4159 Laclede	531-0827
<i>Kathy van Buren</i>	Kathy van Buren	" "	" "
<i>A.C. Ford</i>	A.C. Ford	4428 Laclede	531-2252
<i>Susan Spiegel</i>	Susan Spiegel	4421 Laclede	652-0330

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<i>Steve Haeble</i>	Steve Haeble	921 Picardy	923-5172
<i>Carline Gerhart</i>	Carline Gerhart	1009 Picardy	946-4695
<i>Rev. Richard Zuch</i>	Rev. Richard Zuch	1029 PICARDY	949-0961
<i>Tony Baker</i>	Tony Baker	1033 Picardy	947-3597
<i>Kevin Lavy</i>	Kevin Lavy	1052 Picardy Ln	947-7927
<i>Monica Klithner</i>	Monica Klithner	1024 Picardy Ln	
<i>Barry McCarley</i>	Barry McCarley	1012 Picardy Ln	
<i>Roger Hoped</i>	ROGER HOPED	1068 PICARDY LANE	946-3104
<i>Ellen Connors</i>	ELLEN CONNORS	1004 Picardy Ln.	946-9328
<i>Larry Reed</i>	Larry Reed	3224 Heggett	947 0460
<i>Emery Kattelmann</i>	EMERY KATTELMANN	3316 Highgate Ln 63301	946-3511
<i>Bonnie Jorgensen</i>	Bonnie Jorgensen	3332 Highgate Ln 63301	925-2104
<i>Shirley Cummins</i>	Shirley Cummins	3340 Highgate 63301	946-1776
<i>George Shidra</i>	George Shidra	PO Box 1495 St Louis	951-7761
<i>Jim Pettig</i>	Jim Pettig	3 PAULA	723-3565

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Westley B. Dryden</i>	Westley B. Dryden	3040 Cypress St. Charles MO	949-8110
<i>James Powellson</i>	JAMES POWELSON	3025 CYPRESS ST. CHARLES MO.	
<i>Vincent Beckmann</i>	Vincent Beckmann	3017 Cypress St. Charles	724-685
<i>Karen Beckmann</i>	Karen Beckmann	3017 Cypress	" "
<i>James Covey</i>	JAMES COVEY	1008 OLDE COVENTRY	" "
<i>Gina G. Regot</i>	GINA G. REGOT	2808 Olde Gloucester St. Charles MO.	63301
<i>Linda Scoggins</i>	LINDA SCOGGINS	2816 Olde Gloucester St. Charles MO.	63301
<i>Mary J. Catoulis</i>	MARY J. CATOULIS	2820 OLDE Gloucester St. Charles MO.	63301
<i>Ann Bittner</i>	ANN BITTNER	2824 OLDE Gloucester St. Charles MO.	63301
<i>Bonnie Wiggins</i>	BONNIE WIGGINS	2498 ANNAPOLIS WAY St. Charles MO.	63303
<i>R.B. Boteler</i>	R.B. BOTELER	2488 ANNAPOLIS WAY St. Charles MO.	63303
<i>Jan Bell</i>	Jan Bell	2495 Annapolis Way St. Charles MO	63303
<i>Wayne Bell</i>	Wayne Bell	2425 Annapolis Way St. Charles	63303 441-9430
<i>Eileen Rancilio</i>	Eileen Rancilio	40 Shadowcreek Dr. St. Peters MO	926-2034
<i>Karen Lincoln</i>	Karen Lincoln	17 Shadowcreek DR. ST. PETERS	63376 925-5416

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Shirley L. Barwick</i>	(Barwick)	2746 Heritage Lodge	441-0270
<i>Katie Boland</i>		2 Summit Station	928-0381
<i>W. Edwards</i>		3 Sawmill Way	447-6022
<i>Tom Paul</i>		2747 Cumberland Lodge	
<i>Rosemary D. Kelly</i>		6 Hobbs Hill	441-7554
<i>Doris E. Dancy</i>		1239 Stephenridge	746-0409
<i>Jeanne E. Adams</i>		1269 Stephenridge	928-5063
<i>Dennis J. Leonard</i>		71 Audrey Ct	
<i>L. K. Hottel</i>		70 Audrey Ct	
<i>Jim Vann</i>		64 Charlesridge	
<i>Linda Hall</i>		62 Charlesridge Ct	441-2025
<i>Nancy Smith</i>		41 Charlesridge	928-7004
<i>Michael Schwab</i>		4603 Gregory Grand	928-8424
<i>Walt B</i>		4603 Gregory Grand	926-0461

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SIGNATURE NAME ADDRESS PHONE

[Signature]

Diane Smith 2737 Heritage Ldg 441-6710

Nancy Kaplan 2778 Heritage Ldg 441-8866

Norman Stojmenovic 2619 Hampton Rd.

Robert E. Witt 2613 Hampton Rd.

Cassidy Belter 1389 Hampton Rd.

Jim Perry 13 Vickburg St.

Phil Chiodo 2620 Heritage Ldg.

John 2624 Heritage Ldg.

John W. 2766 Heritage Landing

Bill 1513 Heritage Ldg.

R. D. Basile 1509 Heritage Landing 441-1181

Mike M. Miller 1501 HERITAGE LANDING

Sue Hicks 1630 Sundowner Dr.

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SIGNATURE	NAME	ADDRESS	PHONE
<i>[Signature]</i>	JERRY PONZE	179 HUNTERS POINTE	928-8067
<i>[Signature]</i>	N LANGHOFF	500 FOX POINTE	447-3024
<i>[Signature]</i>	Robert White	521 LAMAR	
<i>[Signature]</i>	G.S. BERTIS	530 Fox Pointe Dr St. Charles	447-5194
<i>[Signature]</i>	MARY MOSING	512 Fox Pointe Dr. St. Charles	928-8807
<i>[Signature]</i>	Richard TERBEEK	550 Fox Pt Dr	928-5200
<i>[Signature]</i>	Lisa A. Willford	342 Westminister	278-1201
<i>[Signature]</i>	F. CRANKER	1619 FAIRWOOD	
<i>[Signature]</i>	Karen Hoffman	1605 FAIRWOOD FOREST	331-8107
<i>[Signature]</i>	SERBAN BROZESCU	1618 Fairwood Forest	279-3727
<i>[Signature]</i>	Carol Sladey	#1 Spring meadow	279-6149

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Mike Kappel</i>	MIKE KEPPEL	17 SPENCER CROSSING	928-0229
<i>Denise Segraves</i>	Denise Segraves	46 Spencer Trail	441-7433
<i>H. Wood Pender</i>	H. Wood Pender	42 Spencer Trail	928-2276
<i>John Wagner</i>	John Wagner	62 Spencer Tr.	928-8613
<i>James T. Ruff</i>	JAMES RUFF	56 Spencer Trail	4413165
<i>Kevin A. Sams</i>	KEVIN A. SAMs	32 SPENCER TRAIL	9399600
<i>Martin White</i>	Martin White	11 Long Branch	939-9433
<i>Susan White</i>	Susan White	" "	" "
<i>Jerome Fager</i>	Jerome Fager	2 LONG BRANCH	
<i>William D. Storman</i>	WILLIAM D. STORMAN	7 E. MEADOW	278-2162
<i>Randy Kimberlin</i>	Randy Kimberlin	10 E. Meadow	2792745
<i>Laura Hunter</i>	LAURA HUNTER	65 JANE	278-3029
<i>Kelly Keller</i>	Kelly Keller	45 Jane	279-1472
<i>Sharon Kunkel</i>	Sharon Kunkel	38 Glenna Dr.	2796314
<i>Raymond R. Ruck</i>	Raymond R. Ruck	6 ANN CR St. Peters Mo	288-5424

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Theodore M. Rankin</i>	THEODORE M. RANKIN	108 PAULA DR	(914) 949-9636
<i>Shelley Norman</i>	Shelley Norman	"	"
<i>Ed Willman</i>	Ed Willman	109 Paula Dr	946-4659
<i>Arline Kirch</i>		110 Paula	723-2186
<i>George Schrader</i>	George Schrader	9905 Midland	428-3498
<i>Charles Hendricks</i>	CHARLES HENDRICKS	67 SUSAN DR	946-6801
<i>Gloria Livers</i>	GLORIA LIVERS	68 Susan Dr.	723-7407
<i>Betty Clay</i>	Betty Clay	62 Susan Dr.	723-2907
<i>A. E. Podhorsky</i>	87 Susan Dr	St Charles	
<i>Rio Pulda</i>	85 Susan	85 Susan	
<i>Judy Dunge</i>	Judy Dunge	10 Paula	
<i>Jerry Schlusky</i>	8 Locksburg	St. Charles Mo.	
<i>R. Jones</i>	R. Jones	2605 Heritage Lndg	926-8313
<i>D. Ray</i>	D. Ray	2613 Heritage Lndg	441-6568
<i>J. Yan</i>	J. Yan	2641 Heritage Lndg	

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Mark Wotten</i>	Mark Wotten	7 Eagle View CT	
<i>Clara Tange</i>	CLARA TANGE	20 Eagle View Crt	
<i>Earl Pirie</i>	EARL PIRIE	12 EAGLE VIEW CT	278-1836
<i>Ken Wagner</i>	KEN WAGNER	9 Duffy Ct	
<i>Jen Majzun</i>	Jen Majzun	16 DUFF CT	278-1395
<i>Bruce Kirby</i>	Bruce Kirby	10 DUFFY CT.	279-6640
<i>Donna Fischer</i>	Donna Fischer	1606 Fairwood Forest	279-6162
<i>Chris Maegulis</i>	Chris Maegulis	7 Pebble Ridge Ct.	278-4732
<i>Scott Thomas</i>	SCOTT THOMAS	1708 FAIRWOOD FOREST DR.	279-3280

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SIGNATURE	NAME	ADDRESS	PHONE
Karen Streicher		1714 Watson	947-9933
Jim B. Boush		105 Hunter Ridge	947-1206
Mary Ann Hubbell		221 Hunters Ridge	947-1118
Kay Young		3105 Beechaven	946-2949
Frank Almsted		3110 Buckskin Path	977-4787
Cindy Hetzer		228 Hunters Ridge	946-5807
TODD HERREN		116 HUNTERS RIDGE	723-5554
John Filer		908 Pensacola Ln	947-2364
Karen F. Bosh		924 N. DUCHESNE	947-3062
Wayne E. Longhofer		916 N. DUCHESNE	946-5919
Jack Boush		1017 N. DUCHESNE	947-7637
Wayne Schaefer		1072 Madison St.	724-2385
Ross Hill		1104 Madison 63301	946-9551
Jim Thorpe		839 Jefferson	946-0454

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SIGNATURE	NAME	ADDRESS	PHONE
J. Davies	J. Davies	26 Bluff Spring Ct.	
S. Theisman	Sheri Theisman	307 Meadow Place	
L. Dick	Laura Dick	3628 Meadow Glen Ct	
V. Novak	Vicky Novak	34 Bluff Meadow	
S. Davis	S. Davis	3718 Bluff Spring Dr.	
Chris Harper	C. HARPER	3705 NOTTINGHAM	
A. Smith	A. Smith	3705 Nottingham	
P. Craft	Pat Craft	6 Millbrooke Ct.	
J. Neubauer	J. NEUBAUER	#2 Connermare	
Wendy Neubauer	W. Neubauer	#2 Connermare	
Ed Bepler	Ed Bepler	57 Connermare	
Susan M. Ring	SUSAN M. RING	13 LIPPIZAN	
Robert Sanker	Robert Sanker	23 Lippizan	
Sharon K. Sanker	Sharon K Sanker	23 Lippizan	
Prahl S. Patel	PRAHLAD PATEL	10 LIPPIZAN RD.	

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Steven P. Jones	STEVEN P. JONES	237 Pralle Ln	723-5403
Bob Anthony	Bob Anthony	126 Keene Ct	925-8044
Al Frite	Al Frite	828 Crosswood Ct	441-2580
Viva J. Iversen	VIVA IVERSEN	817 CROSSWOOD CT.	
Laura Lucas	LAURA LUCAS	700 CROSSWOOD DR	921-3902
Phelps	PHELPS	3236 BRIGHTWOOD	447-3969
Anna Stumpf	Anna Stumpf	3256 Brightwood	441-9192
Ed Brown	ED BROWN	3339 WOODSCOMY	447-8085
Sherri Alexander	Sherri Alexander	3327 Woodbury Dr.	928-6788
Don Klump	DON KLUMP	3232 BRIGHTWOOD	441-2843
Jim Burgert	Jim Burgert	3252 Brightwood	272-2405
Landis Haven	LANDIS HAVEN	3253 Brightwood	928-2483
J. Crawford	J. CRAWFORD	1245 Stephenville	928-9584
Janet Kahle	JANET KAHLE	1380 TIMOTHY RIDGE	928-7807
Bruce Murphy	BRUCE MURPHY	4897 GREGORY GERARD	928-9661

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Donald Einsporn</i>	DON EINSPORN	2304 PHEASANT RUN	878-4561
<i>Frank DeCarb</i>	FRANK DECARB	2320 Pheasant Run	275-7174
<i>Michael J. Gentile</i>	MICHAEL J. GENTILE	2358 Pheasant Run Dr	434-5351
<i>Donette Cieserone</i>	DONETTE CIESERONE	2376 Pheasant Run	434-4903
<i>Michael O'Brien</i>	MICHAEL O'BRIEN	2347 CHARTERWOOD G.	275-7352
<i>Reva Hulsey</i>	REVA HULSEY	11964 Kentwood	739-0920
<i>John W. Howard</i>	John W Howard	1947 Loxley Ln	291-5105
<i>Christine S. Bryan</i>	Christine S. Bryan	12209 Rain Hollow Dr. 63043	878-6076
<i>James H. Charbonneau</i>	James H Charbonneau	11517 Wywood, M.D., Hts. 63043	739-6465
<i>Sue Hartley</i>	Sue Hartley	12166 Rain Hollow 63043	434-6090
<i>Sally Matthews</i>	Sally Matthews	12040 Colonial Pr. 63043	291-4908
<i>Hugh Matthews</i>	HUGH MATTHEWS	12040 COLONIAL 63043	871-4908
<i>R. Abshier</i>	R. Abshier	12044 Colonial Sr	.
<i>F. H. Alcorn</i>	F H C ALCORN	12052 Colonial	798-8844
<i>P. Addens</i>	P. Addens	12056 Colonial	731-1841
<i>A. Borgen</i>	A BARGEN	12088 Colonial	291-8427

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<i>David Vachek</i>		2985 Old Greenwich	724-82
<i>Nelda Hawkins</i>		11	11
<i>Debra Janick</i>		4120 White Water	441-7100
<i>Robert L. Silvestri</i>		4143 White Water Dr.	928-1686
<i>Marie J. Silvestri</i>		4143 White Water Dr.	928-1686
<i>Darlene Martin</i>	Darlene Martin	4141 Current Dr.	441-3473
<i>Jo Ann Niemczyk</i>	Jo Ann Niemczyk	4107 Whitewater Dr.	441-2406
<i>Jackie Mann</i>		15 Carriage Way W	926-3725
<i>Sharon V. Stormer</i>	SHARON V. STORMER	10 KARABAIR ROAD	441-6807
<i>Paula Wilkie</i>	Paula Wilkie	19 Shadow Ridge	447-5112
<i>Jeanne Gerwitz</i>	Jeanne Gerwitz	47 Shadow Ridge Dr	441-9921
<i>Nancy R. Sandoz</i>	Nancy R. Sandoz	53 Shadow Ridge Dr	447-4014
<i>Laura Wasylenko</i>	Laura Wasylenko	61 Shadow Ridge Dr.	926-3030
<i>DAN LIVES</i>	DAN LIVES	63 SHADOW RIDGE	441-9504
<i>Angela Scharf</i>	Angela Scharf	40 Shadow Ridge Dr	928-4627

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To the Missouri Public Service Commission:

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PUBLIC SERVICE COMMISSION

We support MoPIRG's plan for "Least Cost" electric utility planning:

1. **Lower utility bills:** Utility spending on conservation and renewable energy is less expensive for consumers than spending on large coal-fired power plants.
2. **Job:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.
3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE NAME ADDRESS PHONE

John SanBrosse 1308 Woodstone 441-5199

Mary Moeri MARY MOERI 18 Foxwood Ct 441-5868

Dwight Thoresen 29 Sandalwood 441-1887

Willa D. Gifford 1225 Sandstone Dr 447-3971

Melinda Schuber 2 Emerald Ct 928-0322

Gregory Baggett 1 Emerald Ct 441-7617

Wally Hite 4008 Emerald Dr 939-4372

Aaron Poyman 50 Oak Spring Ct 778-0461

Ray Behrens 57 Oak Spring Ct 928-3437

Pam Rader Pam Rader 45 Oak Spring 928-6710

Mary O'Daniels MARY O'DANIELS 4016 Emerald Dr 441-4175

Carol Watson 27 Green Springs 447-4091

Kathy Matthey 19 Green Springs Ct 441-0537

Thomas O'Boyle 3 Emerald Ct 447-3815

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Joseph E. Katz</i>	Joseph E. Katz	120 Cumberland	298-2578
<i>Judy Shore</i>	Judy Shore	#5 Paul	916-7652
<i>Cliff Jones</i>	Cliff Jones	1460 Gellatry	928-0685
<i>C. W. Duke</i>	C. W. Duke	116 Valley Forge	
<i>D. Hollinger</i>	D. Hollinger	1469 Gellatry	928-8874
<i>Archie Pizani</i>	Archie Pizani	620 Weeping Willow	
<i>Arthur K. Osterich</i>	Arthur K. Osterich	636 Weeping Willow Dr	441-3978
<i>Anna Marie Osterich</i>	Anna Marie Osterich	636 Weeping Willow Dr	441-3978
<i>Ken Martin</i>	Ken Martin	603 Willow Wood Ct	441-2825
<i>Cindy Martin</i>	Cindy Martin	" " " "	" "
<i>Regina Z. Herman</i>	Regina Z. Herman	250 Pond Hollow	928-3187
<i>Marshall Herman</i>	Marshall Herman	" " "	"
<i>Cindy Byrd</i>	Cindy Byrd	205 Pond Hollow	441-2958
<i>Timothy Hyatt</i>	Timothy Hyatt	32 Sunset Valley Ct	447-5413

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Richard W. Thorne</i>		78 Kelly Leaf Dr.	441-0942
<i>William G. Cox, Jr.</i>		45 Kelly Leaf Dr.	939-9621
<i>Kathleen Quire</i>		11 Sugar Leaf Dr.	928-3045
<i>Karen Roth</i>		31 Engleleaf Dr.	928-7242
<i>James H. Hahn</i>		15 CHERRYWOOD CT	928-8448
<i>John LaRue</i>		201 Barkwood Trail	441-9942
<i>Ferry Richardson</i>	RICHARDSON	10 CHERRYWOOD CT	928-7640
<i>Sherry Legier</i>		1 CRAIGWOOD DR.	928-6528
<i>Maureen Pelston</i>		9 CRAIGWOOD DR.	441-6054
<i>Brian Luke</i>		19 CRAIGWOOD DR.	926-8255
<i>Mustangatha</i>		24 Greenfield	441-3529
<i>Wain J. Allen</i>		26 Greenfield	928-6516
<i>Jack D. Allen</i>		19 Green Field DR.	939-4541
<i>Judy King</i>		27 Craigwood Dr.	441-9103
<i>Wyllis Benjamin</i>		48 Country Creek Dr.	441-2268

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SIGNATURE	NAME	ADDRESS	PHONE
3 Kuehn	R.B. Kuehn	11818 Tescard	8577-5739
T. BELCHERS	T. BELCHERS	11615 TESCARD	843-0509
L.R. Mueller	L.R. Mueller	3539 Summit	894-7241
Mary Lee	H. J. Estlin	462 IESHA	
Vicki Huch	V. HOCH	4704 South Dr.	894-3042
Deborah Wildebrandt	Deborah Wildebrandt	12717 Red Fox Ct	878-5222
Rh. Bentholt	Rob Bentholt	12138 Buckland Est. Dr.	739-6126
Gary Bibb	GARY BIBB	12064 BOBBETT (DONATION)	2916293
B. Baker	B. BAKER	2809 James Christopher	2987313
Mark Korte	M. KORTE	833 WASHINGTON	724-3236
N. Senty	N. SENTRY	1624 Sunnyside Dr.	9250761
Mike McBuff	Mike McBuff	2056 Willow Trail	441-0607
Richard Cogg	Richard Cogg	2044 Willow Trail	939-9130
Melanie Murphy	Melanie Murphy	2025 Willow Trail	928-9697
D. Kohler	D. KOHLER	412 WILLOW WOOD	441 4604

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SIGNATURE	NAME	ADDRESS	PHONE
D. Etherton	Donna Etherton	617 Lee Dr	946-7546
Gayle Hunt	GAYLE HUNT-MAHIN	24 CONSTELLATION HILL	938-6206
Janet Steuber	Janet Steuber	54 Constellation Hill	441-7669
Mike Schwartz	MIKE SCHWARTZ	49 Constellation Hill	441-2942
Regina Schwartz	Regina Schwartz	49 Constellation Hill	441-2942
Elaine K. Frey	Elaine Frey	16 Constellation Hill	447-7216
Mike Brines	Mike Brines	30 Crescent Woods	259-0243
William A. Nebel	William Nebel	2 Crescent Woods Dr	447-7451
Pat Brown	Pat Brown	6 Celestial Ridge	928-1955
Harry N. Gaynor	Harris Gaynor	18 Crescent Woods Dr	534-2400
Shawn Brunk	SHAWN BRUNK	41 Terestry Dr	928-5807

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SIGNATURE	NAME	ADDRESS	PHONE
<i>James E. Heck</i>	JAMES HECK	3840 Hermitage	926 8093
<i>Lana S. Heck</i>	LANA S. HECK	3840 Hermitage	926 8093
<i>Michael Kahne</i>	Michael Kahne	49A Carrose Base Ln.	928-2271
<i>Glen Calabrese</i>	Glen Calabrese	3124 Coriander	939-4082
<i>Gregory M. Shannon</i>	Gregory M. Shannon	3718 Coriander	447-6354
<i>Beth Shannon</i>	Beth Shannon	" "	" "
<i>Lisa R. Schneider</i>	Lisa Schneider	3721 Coriander	447-5827
<i>Robert E. Schneider</i>	Robert Schneider	" "	" "
<i>Kathy Fischer</i>	KATHY FISCHER	3709 Coriander	928-1322
<i>Janet Sylea</i>	Janet Sylea	3609 Coriander	441-1153
<i>Albert J. Gohes</i>	Albert J. Gohes	3616 Chenail	447-2038
<i>Melinda Frazer</i>	Melinda Frazer	3607 Tarragon	928-5638
<i>Gary AmLomb</i>	GARY AMLOMB	138 Birchleaf	441-0295
<i>Ralph Kimbrough</i>	RALPH KIMBROUGH	162 Birchleaf	441-1157
<i>Ralph Kimbrough</i>	RALPH KIMBROUGH	166 BIRCHLEAF DR.	928-6622

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<i>Sandra Lovelace</i>	Sandra Lovelace	3132 Woodbridge St. Charles Mo. 63303	
<i>Rob Smith</i>	Rob Smith	3119 " " " "	
<i>Patricia Conrad</i>	PATRICIA CONRAD	3136 Stonyhurst St. Charles Mo 63303	
<i>Brenda Harper</i>	Brenda Harper	3129 Stonehenge St. Charles Mo 63303	
<i>Robin Cagle</i>	Robin Cagle	324 Timberidge St. Peters MO 63376	
<i>Jeannette Haas</i>	Jeannette Haas	328 Timberidge St. Peters, Mo. 63376	
<i>Susan Brosier</i>	Susan Brosier	54 SUMMERTREE ST. PETERS MO 63376	
<i>Betty Statter</i>	BETTY STATTER	60 SUMMERTREE CT ST. PETERS MO 63376	
<i>Linda Smith</i>	LINDA SMITH	462 Timberidge Dr St. Peters, MO 63376	441-7053
<i>Katrina Laszarus</i>	KATRINA LASZARUS	329 TIMBERIDGE ST. PETERS, MO 63376	928-8975
<i>Timothy I. Laszarus</i>	Timothy I. Laszarus	329 Timberidge St. Peters, MO 63376	928-8975
<i>Robert & Theresa Pollock</i>	Robert & Theresa Pollock	21 David Rd. St. Charles, Mo. 63303	447-5973
<i>Edmond G. Gave</i>	33 David Dr.	St. Charles, Mo. 63304	447-4401
<i>John S. Ott</i>	95 SKYLINE	ST CHARLES MO 63304	441-3340

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SIGNATURE	NAME	ADDRESS	PHONE
Rebecca Pierce	Pierce	1185 Musket St. Charles	9285130
Maisha Syner		1212 Musket St Charles	
Ron Walter		3828 Lexington St Charles	447-5311
Marion Shoemate		1189 Musket ST. Charles	926-2154
David W. Bump		3850 Duchess dr. St Charles	
Ujehi Swonan		1175 Musket St Charles	441-5019
Jessica Marek		3833 Lexington Dr St Charles Mo	63304
Richard Jaburke		3918 Lexington St. Charles Mo	63304
John M. Mung		15 Foxwood St Charles Mo	63304
Chloe		1212 Sandstone St. Charles	
Rick Holt		134 Whinnard St Charles	
John R. Spith	JOHN R. SPITLER	119 SATURN CT. ST. CHARLES MO	63304 441-5324
Lynn Johnson		212 Limestone St Charles	63303
Mike		1321 Sandstone St Charles Mo	63304
Kathy Thomas		1220 Sandstone St. Char	

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SIGNATURE	NAME	ADDRESS	PHONE
Thomas Grey	THOMAS GREY	1145 YORKTOWN ST CHARLES	926-0338
Linda M. Green	LINDA M. GREEN	1225 YORKTOWN ST. CHARLES	441-6780
Gayle Verhige	Gayle Verhige	1116 CONCORD ST. CHARLES	928-8722
Rob Board	Rob Board	1130 YORKTOWN DR	925-7364
T.A. Corbett	T.A. Corbett	1115 CONCORD DR.	926-0029
Joy Hamilton	Joy Hamilton	1131 CONCORD DR.	447-8189
Chris Wall	Chris Wall	1105 MEDFORD	928-1755
Tom Miller	Tom Miller	1122 YORKTOWN	928-2374
S. SERNA	S. SERNA	3517 ARLINGTON	447-2259
Janice Holtmeyer	Janice Holtmeyer	3527 Arlington	447-4338
J. Waller	J. WALLER	107E ARLINGTON	928-5235
J. Leips	J Leips	3803 SUMMERVIEW	928-0223
Gary Bush	GARY BUSH	3808 Summerview	
M. Miras	MARY Miras	3824 Summerview	
S. Saali	S. Saali	3912 Summerview	928-9874

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<i>Patrick Quinn</i>	Patrick Quinn	3942 SUMMERVIEW	441-9629
<i>Colin Reine</i>	Colin Reine	3948 SUMMERVIEW	926-5385
<i>Doug Binkley</i>	Doug Binkley	3969 SUMMERVIEW	441-1808
<i>Francis Hawk</i>	Francis Hawk	3951 SUMMERVIEW	441-5435
<i>Mary Winterowd</i>	MARY WINTEROWD	4101 PROVIDENCE	441-6639
<i>Dale Kimberlin</i>	Dale Kimberlin	4149 PROVIDENCE DR.	928-8563
<i>Thomas L. Martz</i>	THOMAS L. MARTZ	8 ANDOVER CT	441-3906
<i>James Maxwell</i>	James Maxwell	4 ANDOVER CT	441-7888
<i>Mary K. Schmitter</i>	Mary K. Schmitter	4104 PROVIDENCE DR	928-8677
<i>St. Louis</i>	ST. LOUIS	4540 Westminister	362-9972
<i>St. Louis</i>	ST. LOUIS	4540 Westminister	367-2577
<i>Frederick B. Stark</i>	FREDERICK B. STARK	4701 Westminister Place	367-5695
<i>Izola Green</i>	Izola Green	4600 Westminister Place	367-5273

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<i>[Signature]</i>	6324 Woodbine	St. Peter, Mo	63376
<i>[Signature]</i>	621 Woodbine	St. Peter, Mo.	63376
<i>[Signature]</i>	621 Woodbine	St. Peter, Mo	63376
<i>[Signature]</i>	621 Woodbine	St. Peter, Mo	63376
<i>[Signature]</i>	709 Woodbine	St. Charles, Mo	63303
<i>[Signature]</i>	813 Woodbine	St. Charles, Mo	63303 939-9604
<i>[Signature]</i>	548 Woodbine	St. Charles, Mo	
<i>[Signature]</i>	41 TREEBEAR	ST. CHARLES, MO	939-9402
<i>[Signature]</i>	David Foote	16 TREEBEAR Circle	928-7322
<i>[Signature]</i>	Rich Kim	25 Treebear	238-1163
<i>[Signature]</i>	Rich Kim	18 Shireland Ct	441-4433
<i>[Signature]</i>	840 Wood	840 Wood	441-8331
<i>[Signature]</i>	S. Recker	124 Shireland	928-4522
<i>[Signature]</i>		15 Shireland Ct	
<i>[Signature]</i>	83 Shireland	St. Charles, Mo.	

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<i>C. Kupperer</i>	C. Kupperer	11936 Honeycreek Dr.	739-0806
<i>Susan Kupperer</i>	Susan Kupperer	3003 D Laclede St Rd	645-1163
<i>Richard York</i>	RICHARD YORK	11904 Honeycreek Dr.	739-8637
<i>Jac Kern</i>	Kern	11939 Honey Hill	739-6877
<i>Joseph Clark</i>	Joseph Clark	11833 Brookmont Dr	739-3963
<i>Harry D. Elman</i>	Harry Elman	2413 Westminster L	724-5705
<i>Barb Huning</i>	Barb Huning	2417 Westminister	724-1390
<i>Virginia King</i>	VIRGINIA KING	2529 WESTMINSTER	740-3055
<i>Barbara Haines</i>	Barbara Haines	3809 Westminister	
<i>WE Johnston</i>	WE Johnston	3001 Blanchette	946-6229
<i>HARLES WHITE</i>	HARLES WHITE	718 LONGVIEW	946-2770
<i>Martha White</i>	Martha White	712 Longview	946-2770
<i>Jerome N. Dinges</i>	JEROME N. DINGES	721 LONGVIEW	946-1591
<i>Lauren Herrington</i>	LAUREN HERRINGTON	825 LONGVIEW	949-5185
<i>Linda Fitzgerald</i>	Linda Fitzgerald	820 Longview	949-6881

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<i>Holly Hedgecorth</i>	Holly Hedgecorth	132 Mill Spring Ln	926-7813
<i>Sharon Silver</i>	Sharon Silver	11 Mill Bridge	441-1822
<i>Jane Kinney</i>	Jane Kinney	8 Weatherby	447-2652
<i>Jerril Engelbart</i>	Terri Engelbart	12 Weatherby	447-7136
<i>Carol Wilbur</i>	Carol A. Wilbur	28 Weatherby	441-5243
<i>Arta Brinkman</i>	Arta M. Brinkman	34 Weatherby Dr.	928-5393
<i>Mark Daegs</i>	Mark Daegs	44 Weatherby Dr	928-8404
<i>Donna Gatch</i>	Donna Gatch	52 Weatherby Dr	441-0770
<i>JoAnn Lind</i>	JOANN LIND	43 WEATHERBY	441-2372
<i>Ceiff + Patsy Harvey</i>	HARVEY	3 Newberry Dr.	447-3707
<i>Larino Rick Larino</i>	"	6 Newberry Dr	928-2243
<i>Mike Feldman</i>	MIKE FELDMAN	48 WEATHERBY DR	441-9315
<i>Brad Embry</i>	BRAD EMBRY	57 WEATHERBY	441-9684
<i>Mary Embry</i>	MARY EMBRY	" "	" "

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SIGNATURE	NAME	ADDRESS	PHONE
<i>William McMillian</i>	W. McMillian	1155 CLAYCREST ST. CHARLES MO	314-447-7375
<i>David Lemay</i>	DAVID LEMAY	1129 CLAYCREST ST. CHARLES MO	314-728-4483
<i>John Crawford</i>	JOHN CRAWFORD	1127 CLAYCREST ST. CHARLES MO	(514) 928-8388
<i>Brian Gilmer</i>	BRIAN GILMER	1126 CLAYCREST ST. CHARLES MO	928-4440
<i>Greg Dugan</i>	Greg Dugan	1130 CLAYCREST Circle	447-4937
<i>George Lohman</i>	GEORGE LOHMAN	1142 CLAYCREST ST. CHARLES	928-5886
<i>Joni Cannon</i>		13 RIDGESIDE Ct	441-5726
<i>Mary Allen</i>		116 RIDGESIDE Ct	928-4766
<i>Jeff Cawiezell</i>	JEFF CAWIEZELL	1110 CLAYCREST ST. CHARLES MO	441-4126
<i>Donald C. Herring</i>	DONALD C. HERRING	1111 CLAYCREST ST. CHARLES MO	447-8331
<i>Lyn Herring</i>	LYN HERRING	1111 CLAYCREST ST. CHARLES MO	447-8331
<i>M. Anderson</i>	M. Anderson	1109 CLAYCREST	928-8797
<i>Ben Dineen</i>	B. DINEEN	44 Dugan Ct ST. CHARLES MO 63304	928-7660
<i>Christa Bush</i>		4583 Gregory Gerard Dr. ST. CHARLES MO 63304	926-3344

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<i>Dorilla King</i>	<i>938 Hawthorne</i>	<i>754-4021</i>	
<i>David Stoss</i>	<i>1016 Hawthorne</i>	<i>946-1245</i>	
<i>Robert S. Carter</i>	<i>923 Hawthorne</i>	<i>949-5482</i>	
<i>Mr & Mrs Pete Columbus</i>	<i>721 Hawthorne</i>	<i>947-3804</i>	
<i>David Finkel</i>	<i>23 Huntington Pkwy</i>	<i>724-6206</i>	
<i>Joyce Kemper</i>	<i>15 HUNTINGTON Pkwy</i>	724-6206	
<i>Joyce Kemper</i>	<i>15 HUNTINGTON Pkwy</i>	724-6206	
<i>Kristine Zes</i>	<i>67 Huntington Pkwy</i>	<i>947-7351</i>	
<i>Barbara Nielsen</i>	<i>26 Cades Cove</i>	<i>946-6350</i>	
<i>Debi Burgess</i>	<i>8 Newcastle</i>	<i>946-7427</i>	
<i>Carol Ellis</i>	<i>2969 Walsboroega</i>	<i>947-0101</i>	
<i>MB Fortney</i>	<i>2804 Old Worcester</i>	<i>946-1472</i>	
<i>Mark Fortney</i>	<i>2804 OLDE WORCESTER</i>	<i>946-1472</i>	
<i>Gloria Gray</i>	<i>2904 Old Worcester</i>	<i>946-4151</i>	

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To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment!

We support MoPIRG's plan for "Least Cost" electric utility planning:

1. **Lower utility bills:** Utility spending on conservation and renewable energy is less expensive for consumers than spending on large coal-fired power plants.
2. **Jobs:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.
3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE	NAME	ADDRESS	PHONE
<i>Charles F. Berger</i>	Charles F. Berger		291-3656
<i>Walter Sawant</i>	12021 PROVIDENCE		344-0730
<i>J. Bokuniewicz</i>	12025 Providence		291-7945
<i>Ashley Hanna</i>	57 Kogwood Lane		441-4123
<i>Diana Sinack</i>	10 DOGWOOD CT.		447-3317
<i>Charles Smith</i>	47 DOGWOOD LN.		447-2760
<i>Dennis Lull</i>	13 Dogwood Ln		441-4365
<i>Barbara E. Fulton</i>	58 DOGWOOD LANE		447-2662
<i>Robert Mander</i>	6 Kogwood Ct		924-3769

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Christina Whitmore	CHRISTIAN J. WHITMORE	4013 MARY Ridge	St. Charles MO. 63304 926-0596
Lois Melhorn	LOIS MALEHORN	4021 San Fernando Ln	St Charles MO 63304 447-6167
John N. Whitclaw	John Whitclaw	4029 San Fernando	St Charles MO 63304 928-3406
Donald Baker	DON BAKERS	4024 SAN FERNANDO	ST CHARLES MO 63304 447-4426
Kathy Lancaster	Kathy LANCASTER	4018 SAN FERNANDO	ST. CHARLES MO 63304 939-9669
Mary Wilkoff	MARI WILKOFF	1455 DePorges	St Charles MO 63304
Eric Myers	ERIC MYERS	1439 DEPORRES	ST. CHARLES MO. 63304
Jack Merz	Dale Merz	1427 Deporres Ln	St Charles MO 63304
Phil Gipsen	Phil Gipsen	1412 Deporres Ln.	St. Charles MO. 63304
Doris Convey			
Doris Convey	Doris Convey	1414 Ramona Lane	441-3704
Kelly Meyer	Kelly Meyer	1429 St. Gregory	63304 926-3939

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SIGNATURE	NAME	ADDRESS	PHONE
Mary Grossmann	Mary Grossmann	9013 Pheasant Run Dr.	
Jeff Vinyard	Jeff Vinyard	12032 Foxpoint Dr. Maryland Heights Mo	314-872-7629
Mr. Henry Fitzpatrick	Henry Fitzpatrick	2149 Cherry Cove	878-0438
Don Hort	DON HORT	2146 CHERRY COVE CT	
Lou Anne Dinger	Lou Anne Dinger	2117 CHERRY COVE	
Kay Frye	KAY FRYE	2107 CHERRY COVE	
John Woythal	JOHN WOYTHAL	2140 CHERRY COVE	
Brenda Wehl	BRENDA WEHL	2144 CHERRY COVE CT	
Michael K. Russell	Michael K. Russell	12042 Foxpoint Dr. M.H.	
Don F. Goerr	DON F. GOERR	12038 FOXPOINT DR. 63043	
Mary Fitzgerald	Mary Fitzgerald	12010 Foxpoint 63043	
John Eukin	JOHN EUKIN	2120 BUTTERFIELD	
Phil Meadows	Phil Meadows	2166 Pheasant Run Dr.	
Cina Murphy	Cina Murphy	2302 Pheasant Run	
Kevin O'Connell	Kevin O'Connell	11800 McLehway Gardens	
Larry Harnetz	Larry Harnetz	2989 Joyce Ct.	739-6612

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SIGNATURE	NAME	ADDRESS	PHONE
<i>James A. Mudd</i>	JAMES G. MUDD	1455 DARDANNE RIDGE	314-274-3227
<i>Rm Tweedie</i>	ROGER TWEEDIE	85 Lost Dutchman	314-441-9982
<i>Donna Schuchman</i>	DONNA Schuchman	96 Lost Dutchman	314 441-6368
<i>Shari Lentz</i>	SHARI LENTZ	86A Lost Dutchman	
<i>John B. Masterson</i>	John Masterson	80 B Flat Duleston	
<i>Anna Hyatt</i>	ANNA HYATT	78 A Lost Dutchman	
<i>Dale Cannon</i>	DALE CANNON	1211 AMBERGLEN	2791325
<i>Sergeine Smith</i>	Geraldine A. Smith	1222 Amberglens Dr	928-5389
<i>Willard Smith</i>	Willard Smith	1222 Amberglens Dr	928-5389
<i>Mary Dinkel</i>	HAJTA DIVJAKOVIC	1220 AMBERGLEN DR ST. PETERS	447-6523
<i>Laura Wort</i>	Laura Wort	1212 Amberglens Dr	277-1987
<i>Beth Vincent</i>	BETH VINCENT	1208 Amberglens	279-3211
<i>Kathy Corti</i>	KATHY CORTI	1204 Amberglens	278-8088
<i>Keith</i>	Keith	1108 Amberglens	278-2622

PUBLIC SERVICE COMMISSION
AUG 8 1982

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<i>[Signature]</i>	Steve Hrb	142 Hunter Pk	928-2359
<i>[Signature]</i>	LINDA KALICAK	160 HUNTERS PK.	441-5337
<i>[Signature]</i>	PAT GUITTAR	172 HUNTERS PT.	441-4630
<i>[Signature]</i>	JOANNE ROGERS	194 Hunters Pk	928-1298
<i>[Signature]</i>	KEVIN MARTIN	228 Hunter Pointe	928-4364
<i>[Signature]</i>	SOSAN HLADKY	269 BIG SKY	
<i>[Signature]</i>	Ann Quick	181 Hunters Pk.	447-3018
<i>[Signature]</i>	JEAN DUNEMAN	116 HUNTERS POINTE	926-8312
<i>[Signature]</i>	John M. Muller	130 Hunters Pointe Dr	unlisted
<i>[Signature]</i>	Robert Burnett	4 cherrywood ct	939-4648
<i>[Signature]</i>	Walt Phillips	2 Cherrywood, CT.	441-7791
<i>[Signature]</i>	Michael Willis	117 BARKWOOD TRS	447-7137
<i>[Signature]</i>	Barnes J.	221 Barkwood Tr	441-5389
<i>[Signature]</i>	M. Bogowith	208 Barkwood Tr	441-6194

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Rory Kiddle</i>	Rory Kiddle	736 Adams, St. Charles	747-1669 728-7564
<i>Ed DelWitt</i>	Ed DelWitt	1140 Lancaster Dr St Charles	949-8027 63301
<i>Larry Berardo</i>	Larry Berardo	1178 Black Forest Dr. Chester	63701
<i>Barb Rutkane</i>	Barb Rutkane	1140 Black Forest Dr.	63301
<i>Greg Whiteside</i>	Greg Whiteside	1120 White Lk. Dr.	947-0914
<i>Brenda McKellar</i>	Brenda McKellar	3220 LeChateaux	946-7673
<i>Dave Sievers</i>	Dave Sievers	3212 Le Chateaux	
<i>R.P. AKERS</i>	R.P. AKERS	1113 White Lake	
<i>D. Buehler</i>	D. Buehler	1117 White Lake	
<i>Brett A. Schmidt</i>	Brett A. Schmidt	1147 Lancaster Dr.	747-4360
<i>Gary McKiddy</i>	GARY McKiddy	1117 Lancaster Dr.	947-8015
<i>Mary Bowman</i>	Mary Bowman	3216 Lightfoot Dr.	
<i>Jenny Schaefer</i>	Jenny Schaefer	3383 Jenny Schaefer	7244920
<i>BARBARA CLARK</i>	BARBARA CLARK	3301 LENNOK	
<i>James Pennington</i>	James Pennington	3302 Lennox	948-4968

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SIGNATURE	NAME	ADDRESS	PHONE
<i>John Ladd</i>	John Ladd	12226 Autumn Dale Ct	275-8203
<i>Mary Conrad</i>	Mary Conrad	12289 Autumn Hill Ct.	—
<i>Robert Conrad</i>	ROBERT CONRAD	12289 Autumn Hill Ct	—
<i>Charles Huerber</i>	CHARLES HUERBER	12295 Autumn Hill Ct	—
<i>Mary Ellen Kimmeth</i>	MARY ELLEN KIMMETH	12214 Autumn Dale Ct.	469-6104
<i>E. Kimmeth</i>	ED KIMMETH	12214 AUTUMN DALE CT.	—
<i>U. Segal</i>	U. SEGAL	12209 AUTUMN DALE	878-2351
<i>Mary Dyszlewski</i>	Mary Dyszlewski	12221 Autumn Dale Ct	542-9693
<i>Pat Means</i>	Pat Means	12181 Oakwilde Ct.	—
<i>Linda Coleman</i>	LINDA COLEMAN	12165 Oakwilde Ct	—
<i>Howard Warril</i>	HOWARD WARRIL	12156 OAK WILDE CT	—
<i>Linda Stone</i>	LINDA STONE	12168 OAK WILDE	878-3825
<i>Patti Boehm</i>	PATTI BOEHM	12192 Oakwilde Ct.	434-1717
<i>Larry Dark</i>		12223 Oakwilde Ct	434-8408
<i>Laura P. Medsker</i>	LAURA P. MEDSKER	16 Shadow Creek Dr.	928-4451
<i>Chris Lincoln</i>	Chris Lincoln	17 Shadowcreek	928-5416

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SIGNATURE	NAME	ADDRESS	PHONE
<i>[Signature]</i>	Mr. Piccard	4607 Forest Valley	482-4820
<i>[Signature]</i>	Gary Juhl	4657 Forest Valley	374-0213
<i>[Signature]</i>	Karl Carlson	4633 Hwy. 66 W. 10	892-6553
<i>[Signature]</i>	Billy Smith	13308 E Ave	594-7355
<i>[Signature]</i>	Debbie Byrd	5021 Peyton Pl.	487-9879
<i>[Signature]</i>	Carl Verchun	5141 Benton Pl	
<i>[Signature]</i>	W. J. J. J.	4207 W. Max Crst	487-4662
<i>[Signature]</i>	R.S. Dehl	4922 Valley Crest Dr	892-3659
<i>[Signature]</i>	G. Herrick	4918 Valley Crest	—
<i>[Signature]</i>	T. Carter	3610 Aubert	—
<i>[Signature]</i>	J. Wallinger	11704 Kossinger	892-7770
<i>[Signature]</i>		6032 K. Can. Pl	—
<i>[Signature]</i>	D. Schwarz	# 3 Dorclin La	—
<i>[Signature]</i>	Gerald Tise	# 9 Dorclin La	—
<i>[Signature]</i>	DAVE KOERBER	# 28 DORCLIN Ln.	—

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Tim Schaeffer</i>	TIM SCHAEFFER	4902 LOWNDES ^{C63129}	291-0100
<i>Ken Ansler</i>	KEN ANSLER	5031 LOWNDES 63129	894-3246
<i>David L. Lipp</i>	DAVID L. LIPP	5028 LOWNDES 63129	571-1333
<i>Lauren Beck</i>	LAUREN BECK	4720 Bramble Berry	845-2148
<i>Thomas Mullen</i>	THOMAS MULLEN	4744 BRAMBLE BERRY	—
<i>Lucia Fink</i>	LUCIA FINK	4719 WILLOW DR	—
<i>Barbara Bond</i>	BARBARA BOND	2752 Ridgely	—
<i>Donna Stadtmiller</i>	DONNA S.	11813 Longmont Dr.	739-3385
<i>Mary Schmitt</i>	MARY SCHMITT	11907 Longmont Dr.	739-6634
<i>Tom Blaine</i>	TOM BLAINE	11960 Longmont Dr.	work 533-3366 work ext 5005
<i>Denise Blaine</i>	DENISE BLAINE	11960 Longmont Dr.	569-6000
<i>Carol Hicks</i>	CAROL HICKS	11906 Longmont Dr.	291-2128
<i>Robbi Wagner</i>	ROBBI WAGNER	11830 Longmont Dr.	—
<i>Charlene Alper</i>	CHARLENE ALPER	2735 LAKEPORT DR.	—
<i>Garry Rutt</i>	GARRY RUTT	2723 LAKEPORT	—
<i>Paul D. D.</i>	PAUL D. D.	2715 LAKEPORT	—

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Greg Gibson</i>	Greg Gibson	5335 Southview Hills	892-4150
<i>Jim Stoessel</i>	Jim Stoessel	5331 Southview Hills	487-2892
<i>Shenie (Wadson)</i>	Shenie (Wadson)	5330 Southview Hills Ct.	894-9606
<i>Belma Schell</i>	Belma Schell	3200 PATTERSON R. A. N. #205	845-3085
<i>Mary Thompson</i>	Mary Thompson	12752 Foxhound Dr. Maryland Heights, Mo	
<i>O. J. Skutte</i>	O. J. Skutte	12824 Calamade Ct. M.H.	MO 63043 469-3505
<i>Bob Lantz</i>	Bob Lantz	1861 CARMAN DR. COLE MARYLAND HEIGHTS MO	63043 878 8098
<i>John L. Lutz</i>	John L. Lutz	12719 Foxhound Maryland Heights	63043 66843
<i>John J. Lutz</i>	John J. Lutz	12746 Saddle Creek Rd. M.H.	63043 667134
<i>Jeanne Lutz</i>	Jeanne Lutz	12741 Saddle Creek Rd. M.H.	63043 878 6351
<i>Paula Harny</i>	Paula Harny	1702 Pleasant Run Dr. Maryland Heights	63043 878 345
<i>Larry Wiggs</i>	Larry Wiggs	1803 PLEASANT RUN DR	63043
<i>Thomas L. Blane</i>	Thomas L. Blane	1816 Pleasant Run Dr. M.H.	63043 542-0515
<i>Debbie Phillips</i>	Debbie Phillips	1781 Golden Run	63043
<i>Gandy Emerson</i>	Gandy Emerson	1727 Golden Run	63043

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SIGNATURE	NAME	ADDRESS	PHONE
<i>[Signature]</i>	JOHN GAST	2261 WESTERN PARK DR.	878-7394
<i>[Signature]</i>	JOHN GAST	"	"
<i>[Signature]</i>	Kurt Wohler	2240 West Glen Park Dr.	434-2826
<i>[Signature]</i>	Richard Whitworth	11807 Welcome Dr	878-5697
<i>[Signature]</i>	Ethel Wiersor	11823 Welcome Dr.	434-5238
<i>[Signature]</i>	DON MEIER	11974 GLEN PARK DR	739-1741
<i>[Signature]</i>	Chris Rector	11840 GLEN PARK	U. LISTED
<i>[Signature]</i>	KIM PORTNER	11952 GLEN PARK DR	291-1024
<i>[Signature]</i>	Phil Carter	11977 GLEN PARK	298-1546
<i>[Signature]</i>	MARK F. CRASS	23 GLENMARK PL.	297-8967
<i>[Signature]</i>	G. HIMMELBANN	11960 GLENGAK DR.	739-3047
<i>[Signature]</i>	KEN LIEURANCE	1532 Glenmeade Dr.	576-0843
<i>[Signature]</i>	Deborah Lowe	1458 Glenmeade	576-4394
<i>[Signature]</i>	Mike Garner	12452 Glengate Dr.	434-4886
<i>[Signature]</i>	Karen Underwood	12447 Glenbush Dr	542-9217

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<i>Juniper Fitz-Gerald</i>	Juniper Fitz-Gerald	13201 Clayton Rd. St. Louis MO	(314) 275-3532
<i>Carrie Bernhard</i>	Carrie Bernhard	//	//
<i>Sara Woods</i>	Sara Woods	841 Forest Trace Chesterfield MO 63017	(314) 530-9509
<i>Cory Merrill</i>	CORY MERRILL	756 PRIN MEADOW LN	(314) 878-6462
<i>Carly Stuchlik</i>		13201 Clayton Rd. (63131)	314-275-3532
<i>Aubree Shewley</i>		13201 Clayton Rd (63131)	314-275-3532
<i>Dan Fry</i>		MARYLAND HTS. MO. 63043	314-576-4852
<i>Gloria Kohn</i>	(Gloria Kohn)	11 Greendale Dr. 63301	947-6963
<i>J. Kevin Hertell</i>	J. Kevin Hertell	4365 St. Dominic St. Ann, Mo	314-423-8707
<i>Wendy Allen</i>		6119 N. Pointe St. Louis Mo.	385-0300

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SIGNATURE	NAME	ADDRESS	PHONE
Cory M. Schulz	Cory M. Schulz	53 Dordin	892-4406
Joseph L. Anthes	Joseph L. Anthes	4735 E. Concord Rd.	892-7984
Geneva W. BARNOWSKI	GENEVA W. BARNOWSKI	4139 CONCORD OAKS	466-6451
V. Reed	V. Reed	4401 Grand Ave	481-2212
Henry A. Locke	Henry A. Locke	3627 Grand Ave	812-146
Pat C. Packer	Pat C. Packer	5604 White Garden	487-1654
Jeff Wetzel	Jeff Wetzel	5622 Dove Meadow	487-5921
M. Siegel	M. Siegel	5619 Dove Meadow	892-5548
M. Sailer	M. Sailer	5633 Dove Meadow	837-184
R. Woych	R. Woych	11038 Wilwood Dr.	291-151
Wanda Walker	Wanda Walker	11058 Wilwood	2913
Jamarr Walker	Jamarr Walker	11057 GALAXY DR	737-
Mike	MIKE	11038 GALAXY DR	755
4401 E. KEN	4401 E. KEN	7990 Joye	73

MISSOURI PUBLIC SERVICE COMMISSION

AUG 3 1992

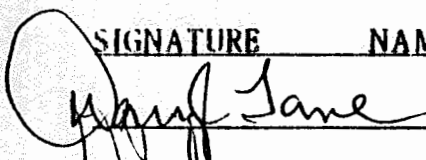
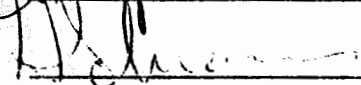
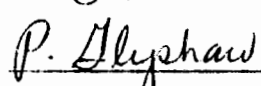
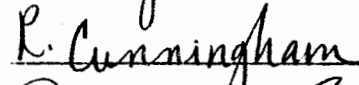
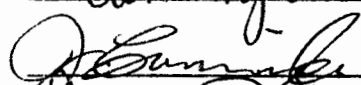
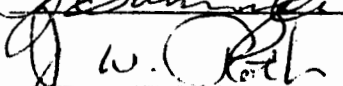
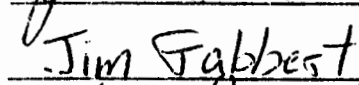
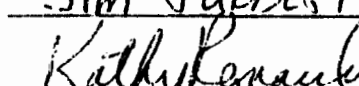
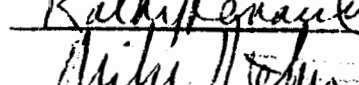
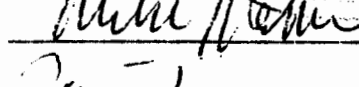
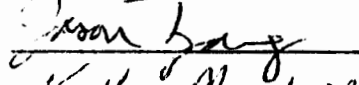
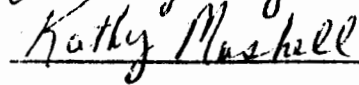
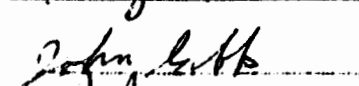
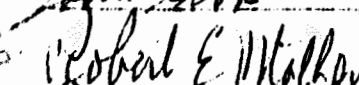
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To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment

We support MoPIRG's plan for "Least Cost" electric utility planning:

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SIGNATURE	NAME	ADDRESS	PHONE
	Mary Jane	3624 Whispering Ridge	894-8469
	[unclear]	5727 White Pine	899-0117
	P. Glyshaw	5763 White Pine Dr.	894-3268
	R. Cunningham	3515 Bonsai Ct.	894-0620
	[unclear]	3515 Bonsai Ct.	894-0620
	J. W. Roth	5321 Leander Dr.	487-4321
	Jim Gabbert	12039 Westmeade Dr	434 3341
	Kathy Kenney	2470 Westmeade	576-2908
	Mike [unclear]	2517 Westmeade	578-0868
	Joan [unclear]	2477 Westmeade	578-8024
	Kathy Marshall	2477 Westmeade	469-9014
	[unclear]	2471 Westmeade	731-3020
	Robert E. Williams	12106 Westmeade	5761507
	Carol Murphy	12003 Westmeade	576-3605

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Daniel Meyer</i>	Dan Meyer	3532 Summerlyn Dr.	
<i>Carl Stangel</i>	Carl Stangel	3528 Summerlyn Dr.	892 9943
<i>Budget Support</i>	Budget Support	3549 Summerlyn Dr.	894-0795
<i>H. L. Smith</i>	H. L. Smith	3720 Summerlyn Ct	487 0256
<i>Robert K. Hermann</i>	Robert K. Hermann	3578 Summerlyn Dr.	892-3795
<i>John McMillin</i>	John McMillin	3707 Summerlyn Ct.	894-6706
<i>Frank Michalek</i>	Frank Michalek	5817 Cinnamon Tree Ln.	
<i>Dandy Meyer</i>	Dandy Meyer	2648 Cinnamon Tree	894-8457
<i>Red Rogers</i>	Red Rogers	3603 White Oak	894 1471
<i>Harry Dwyer</i>	Harry Dwyer	3215 S. ...	
<i>L. Kasper</i>	L. Kasper	3254 Braintree	
<i>M. Max Weinbaum</i>	M. Max Weinbaum	3237 ...	
<i>J. ...</i>	J. ...	3215 ...	
<i>...</i>	...	3250 ...	
<i>James R. ...</i>	James R. ...	4551 ...	894-3522

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SIGNATURE	NAME	ADDRESS	PHONE
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<i>Virginia Chapman</i>	4750 Ashline Ave	892-8941
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<i>Joseph P. Zyglidaki</i>	4726 Ashline Terrace	487-1645
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<i>Ken Presler</i>	4310 Berrywick Ter	487 6579
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<i>Norothy Chladny</i>	4301 Berrywick Ter	892-5821
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<i>Barbara Heather</i>	12142 Fallbrook	847-2302
------------------------	-----------------	----------

<i>Joe Ketchum</i>	9830 Gerald Dr, 63128	843-3932
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<i>E. Kinnison</i>	12110 Regency Dr 63128	
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<i>12777 Regency</i>	12115 Regency	63128
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<i>Mark Kinnison</i>	9845 Gerald	63128
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<i>Ken V. Kinnison</i>	5717 Woodward	63128
------------------------	---------------	-------

<i>Billy P. Kinnison</i>	5729 Wayne	63128 487 007
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<i>James P. Kinnison</i>	3201 Forest Park	63128 8923
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<i>Norman D. Kinnison</i>	3711 Kinnison	63128 8949
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<i>John Kinnison</i>	11111 Kinnison	63128
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<i>John Kinnison</i>	5001 Kinnison	63129 871
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SIGNATURE NAME ADDRESS PHONE

Attompson S. Thompson 11845 Charlemagne 875 2161

Kogon W. Marcum 12 N. Dennis Dr St. Charles Mo. 63043

E. H. Great 2461 Macdonald Maryland Hgts. 63043

W. J. Thompson 2129 D. D. Lane 11811

M. J. Hamill 2389 Charlemagne Maryland Hgts. 63043

V. D. Willingham 1231 S. W. Dr. 11811 Maryland Hgts. 63043

M. H. W. Coffey 2563 Charlemagne Maryland Hgts. 63043

M. J. Davis 2345 Charlemagne Maryland Hgts. 63043

W. J. H. 1315 Charlemagne Maryland Hgts. 63043

R. J. D. 11811 Toulouse St. Maryland Hgts. 63043

J. H. H. 11808 Toulouse St. Maryland Hgts. 63043

J. J. J. 11090 Mars Maryland Hgts. 63043

C. Bottoms 11082 Mars Lane. Maryland Hgts. 63043

Daniel L. Napier 11054 Mars Ln Maryland Hgts. 63043 691-1776

James L. Brown 11034 Mars Ln. Maryland Hgts. 63043

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Will Clayton</i>	Will Clayton	11024 Marks Ln	298-7853
<i>Keith Ketscher</i>	Keith Ketscher	11014 MARKS LN	298-0905
<i>Dave Bell</i>	Dave Bell	11043 MARKS LN	291-6108
<i>Jeff Hood</i>	JEFF HOOD	11063 MARKS	298-7392
<i>Charles Collins</i>	CHARLES COLLINS	11093 MARKS LN	291-6085
<i>Richard Thompson</i>	Richard Thompson	11016 Mark Shepard Dr.	291-1688
<i>Ann Fildeworth</i>	Ann Fildeworth	11065 Mark Shepard	291-5067
<i>Steve Doherty</i>	Steve Doherty	11097 Saturn Dr.	291-5220
<i>Robert Hays</i>	Robert Hays	11079 Wilwood	291-4785
<i>June Crpling</i>	JUNE CRPLING	11073 WILWOOD	734-5702
<i>Ronald Chestnut</i>	Ronald Chestnut	11085 Saturn	298-2567
<i>Tom Burger</i>	Tom Burger	11089 WILWOOD	298-9844
<i>Karen Kimball</i>	Karen Kimball	11043 Wilwood	734-780
<i>Rene Seiler</i>	Rene Seiler	11033 Wilwood	—
<i>Raeen Carey</i>	Raeen Carey	11029 Wilwood	—

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NOV 8 1992

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SIGNATURE	NAME	ADDRESS	PHONE
<i>[Signature]</i>		2818 BRIDLE DR	574 150
<i>[Signature]</i>		4591 Woodland Dr	892-77
<i>[Signature]</i>		4753 Inwood Dr	892-8519
<i>[Signature]</i>		4614 Catalina	592-2792
<i>[Signature]</i>		4754 GATESBORO DR	892-9268
<i>[Signature]</i>		4722 Stearns Dr.	487-3436
<i>[Signature]</i>		4737 GATESBORO	
<i>[Signature]</i>		4645 Gatesbury	487-3860
<i>[Signature]</i>		4620 Gatesbury	487.4331
<i>[Signature]</i>		4303 Northfield	487-5786
<i>[Signature]</i>	Send more information	4316 BERGWICK	892-4251

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AUG 3 1992

PUBLIC SERVICE COMMISSION

To the Missouri Public Service Commission:

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SIGNATURE	NAME	ADDRESS	PHONE
Kenneth M. Barker	Kenneth M. Barker	5032 DARTFIELD CT	892-414
Paula J. Barker	Paula J. Barker	5032 DARTFIELD CT	892-414
Jim Marsh	Jim Marsh	7159 J. Street	436-977
John F. Jones		1005 E. 11th St.	631-23
Matt West	MATT WEST	16101 COURTYARD DR	845-1017
Charles	Charles	3601 LEMAY WOODS DR	314-0901
Sandra W. W. W.	Sandra W. W. W.	5128 Peyton Pl.	892-2203
Deanne H. H.	Deanne H. H.	5060 Union St	487-5085
Ken D. D.	KEN D. D.	5011 Peyton Pl.	
Glenn S. S.	Glenn S. S.	5015 Peyton Pl.	487-5305
Mark M. M.	Mark M. M.	5083 Peyton Pl.	487-5307
Nancy Wolfe	Nancy Wolfe	3617 Lemay Woods Dr.	487-1957
Lynne Brooks	Lynne Brooks	3605 LEMAY WOODS	814-1741
Kathy H. H.	Kathy H. H.	3604 Lemay Woods	892-4776
Nancy Brooks	Nancy Brooks	3616 Lemay Woods	394-3112

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Joe Missey</i>	^(Susan C.) JOE MISSEY	12463 WORTHINGTON	842-2198
<i>Lisa Missey</i>	Lisa Missey	12463 Worthington	842-2198
<i>B.J. Bauer</i>	B.J. Bauer	11909 Hilltop Cir.	849-0818
<i>Thanna Thar</i>	Thanna Thar	11901 Hilltop Dr.	842-4678
<i>Mike Landella</i>	Mike Landella	11956 Studio 114	892-6327
<i>Mike Strom</i>	Mike Strom	11968 SHAMIAN	842-2192
<i>B. Schaefer</i>	B. SCHAEFER	9847 Alton Dr	843-1915
<i>Robert Rose</i>	Robert Rose	11421 Rosalind CT	741-4547
<i>S. Vogt</i>	S. Vogt	11443 Tomeridge Ln	843-1894
<i>H. Jensen</i>	H. Jensen	14113 Cambridge Ct	849-6931
<i>Wayne Muatke</i>	WAYNE MUATKE	13455 Bahnfyde	842-0456
<i>Timothy P. ...</i>	Timothy P. ...	13462 Prairie Fire	548 5720
<i>Linda ...</i>	Linda ...	13548 ...	543-4781
<i>Vol ...</i>	Vol ...	13344 Bahnfyde Pl	—
<i>Verma ...</i>	Verma ...	4930 Broad Oak	843-2

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SIGNATURE	NAME	ADDRESS	PHONE
M. L.	M. L.	4734 Tarkenton Dr.	487-5008
H. Allen	H. Allen	4740 Tarkenton Dr.	
Mary Baker	Mary Baker	4404 Tarkenton	
Brian Keller	Brian Keller	4446 Tarkenton	844-9310
Ruth Helmer	Ruth Helmer	4452 Tarkenton	842-6905
J. J. H. H.	J. J. H. H.	4716 Tarkenton	487-3012
Barbara Jensen	Barbara Jensen	4716 Tarkenton	842-5219
Michelle	Michelle	4447 Tarkenton	844-7214
Barbara Jensen	Barbara Jensen	4443 Tarkenton	842-5219
J. J. H. H.	J. J. H. H.	4419 Tarkenton	
Cynthia A. Thorne	CYNTHIA A. THORNE	4790 TARKENTON	487-0334
Donna M. Wabser	DONNA M. WABSER	10140 GREGORY CT	842-7637
C. Struckhoff	C. Struckhoff	10448 Gregory Ct.	849-4605
S. Simon	S. Simon	10459 Sappington Lane	

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SIGNATURE	NAME	ADDRESS	PHONE
Dan Rich	DAN RICH	15314 CHERRYVIEW	892-8253
Jim Williams	JIM WILLIAMS	5334 CHERRYVIEW	487 6091
Janet Taylor	JANET TAYLOR	5342 Crestside	487-1000
Judy Conrad	JUDY CONRAD	5412 Morningdale Pl.	487-8446
Barbara D. Hays		3449 Butler A. East Dr	487-5979
J. Hahn		5433 Cherryview	842-2505
M. Schrab		5423 Cherryview	892-5578
Russ Rothwell	RUSS ROTHWELL	4536 BEAVER BROOK	892-1329
M. C. Day	MARGARET C. DAY	5601 DANTONHRE	894-2428
Hande Rende		5640 Dantonville	
Blake Rende	Blake Rende	5616 Dantonville Place	892-6621
William G. Duke	William G. Duke	4532 Beaver Brook	892-7207
Scott Benson	SCOTT BENSON	4607 TELE STAR	892-5036
Tom Hartman	TOM HARTMAN	4504 MORGAN	892-7201
Lori A. Weir	LORI A. WEIR	4624 Larkspur	481 5411

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SIGNATURE	NAME	ADDRESS	PHONE
<i>U.L. Tindall</i>	U.L. Tindall	4762 Longspur	894-0577
<i>R.C. Skinner</i>	R.C. SKINNER	4651 LONGSPUR	487-0950
<i>G. Houska</i>	G. HOUSKA	4737 MUSIC	487-2279
<i>E.A. Green</i>	E.A. GREEN	4722 MUSIC LN	487-3033
<i>HA Lampung</i>	HA LAMPUNG	4601 CLAREMONT	487-3521
<i>Ken Clark</i>	KEN CLARK	4792 TITAN	892-6789
<i>Mike Meyer</i>	MIKE MEYER	4738 MUSIC	894-8674
<i>Tim M. Carly</i>	Tim M. Carly	5710 Wildbrook Dr.	481-6599
<i>Mike Dixon</i>	MIKE DIXON	3465 BROOKSTONE	
<i>Tony Lepski</i>	Tony LEPSKI	3551 BROOKSTONE So. Dr.	
<i>Dorothy Eschner</i>	Dorothy Eschner	3559 Brookstone So. Dr.	
<i>Elaine Saxe</i>	ELAINE SAXE	5302 Camelot Blvd.	845-1975
<i>Joyce Taylor</i>	Joyce Taylor	4518 Cambridge	481-3012

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Chris Tracy</i>	Christopher	3664 Lemay Wood Dr.	
<i>Sean Tracy</i>	Sean Tracy	St. Louis, MO 63129	3487-2796
<i>Amy Meyer</i>	Amy MEYER	3684 LEMAY WOOD DR 63129	892-4578
<i>Kathy Rongey</i>	Kathy Rongey	3677 Lemay Woods Dr 63129	845-2171
<i>Rose Jones</i>	Rose Jones	3669 LEMAY WOODS DR	487-1420
<i>Michelle Moehlenbruck</i>	Michelle Moehlenbruck	3761 Dumtree Lane	487-8568
<i>Chris Kalliberi</i>	Chris KALLIBERI	3749 Courtree LN 63129	487-3620
<i>Tom Hahn</i>	TOM HAHN	3602 Coffee Tree Ct	894-9929
<i>Linda Meyers</i>	Linda Meyers	5376 Royal Hills	812-1157
<i>Wilma Mueller</i>	LINDA MEYERS	5330 ROYALFIELD DR	873-7690
<i>Renee White</i>	WILMA MUELLER	5348 Royalfield	487-5171
<i>Nancy Ahillen</i>	RENEE WHITE	5019 LOWNDES	892-2861
<i>Christy Butler</i>	NANCY AHILLEN	5715 LOWNDES DRIVE	892-0973
<i>M. Kelly Bright</i>	Christy Butler	4835 Lowndes Dr.	845-3605
<i>P. F. Garbol</i>	M. Kelly Bright	4821 Lowndes Dr.	892-4325
	P. F. Garbol	4816 Lowndes Dr.	894-7356

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<i>Janita Mc Gee</i>	Janita Mc Gee	9858 Fyney	894-1150
<i>Janet P. Charnick</i>	Janet P. Charnick	3622 Coffee Tree	845-3216
<i>Mary Ann Bickel</i>	Mary Ann Bickel	3627 Coffee Tree	842-1562
<i>Jan Stegmann</i>	Jan Stegmann	5737 Hummer Tree	892-1874
<i>Eric Remkeller</i>	Eric Remkeller	3753 Mantree Ln	894-8387
<i>David P. King</i>	David P. King	3750 Kentree Ln	894-0361
<i>John E. Ham</i>	John E. Ham	3614 Coffee Tree	487-0005
<i>Elaine Schuman</i>	Elaine Schuman	3643 Coffee Tree	892-2401
<i>Arvid E. Meltz</i>	Arvid E. Meltz	3715 Gumtree	894-2324
<i>Barry R. Kuefing</i>	Barry R. Kuefing	5385 Royal	487-1914
<i>Robert E. Zue</i>	Robert E. Zue	5332 Kingman	892-7354
<i>Donna Talbot</i>	Donna Talbot	5311 Kingspark	487-9137
<i>Charles A. Bullock</i>	Charles A. Bullock	4433 Lowndes Dr	894-7204
<i>Janita Ballinger</i>	Janita Ballinger	4433 Lowndes Dr	894-7204
<i>Cynthia Nouri</i>	Cynthia Nouri	4825 Lowndes	845-9508

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SIGNATURE	NAME	ADDRESS	PHONE
<i>Maria-Josaphine Lee</i>	Maria-Josaphine Lee	62115 Fox Point Dr. Maryland Hgts, Mo. 63043	unlisted.
<i>Patricia N. Neehan</i>	Patricia N. Neehan	12127 Fox Point Dr.	
<i>Gary Talley</i>	GARY TALLEY	12157 Fox Point Dr. Maryland Hgts	
<i>Shirley Jane Ye</i>	Shirley Jane Ye	12175 Fox Point Dr.	
<i>Don Heber</i>	Don Heber	12255 Fox Point Dr. Maryland Hgts.	
<i>Mark Wells</i>	MARK WELLS	12139 Fox Point Dr. Maryland Hgts.	
<i>Douglas Peterman</i>	Douglas Peterman	12192 Fox Point Dr. Maryland Hgts.	
<i>Shirley Peterman</i>	Shirley Peterman	12192 Fox Point Dr.	
<i>Anita Jones</i>	Anita Jones	12198 Fox Point	878
<i>Perry O. Lee</i>	PERRY O. LEE	12115 Fox Point Dr.	
<i>Billie F. Ivie</i>	BILLIE F. IVIE	12206 Fox Point Dr.	
<i>Billy Vidal</i>	Billy Vidal	12242 Fox Point Dr.	
<i>William L. Eilerman</i>	William L. Eilerman	12218 Fox Point Dr.	
<i>Hugh P. Eilerman</i>	Hugh P. Eilerman	12251 Autumn Drive CT	
<i>Dee Eilerman</i>	Dee Eilerman	12251 Autumn Drive Ct	

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SIGNATURE	NAME	ADDRESS	PHONE
Phyllis Lowe	Phyllis Lowe	12441 Glengate	878-9923
JoAnn Davit	JoAnn Davit	12477 Glengate	878-9306
Christine Davit	Christine Davit	12477 Glengate Dr.	878-9306
Jen Meeker		1265 Glenmeade	878-5518
Peggy Berry		2848 Beechwood	281-278-7341
Jean Thylor		2849 Ingalls	737-8577
Lois McNamee	Ron McNamee	2846 Foxwood	278-8409
James D Skiles	James D Skiles	2811 Beechwood	734-4454
Barb Starks	Barb Starks	4847 Briarclark Dr.	344-8597
Ed Necker	Ed Necker	2827 Laurel View	739-2573
Donald R Spiller	Donald R Spiller	12281 Fleetwood	739-0423
Mary Lemp	Mary Lemp	12189 Fleetwood	271-2860
Jenny Plume	Jenny Plume	12173 Fleetwood	291-5989
Maria Peters	PETERS	12158 Fleetwood	739-5075
R.A. Thrasher	THRASHER	12261 Fleetwood	739-0518

To the Missouri Public Service Commission:

Missourians need lower utility bills and a clean environment

We support MoPIRG's plan for "Least Cost" electric utility planning

1. **Lower utility bills:** Utility spending on conservation and renewable energy is less expensive for consumers than spending on large coal-fired power plants.

2. **Jobs:** Conservation and renewable energy programs create four times as many jobs as spending on large coal or nuclear power plants.

3. **Environmentally Friendly:** Missouri coal-fired electric plants cause \$2.2 billion per year in environmental damage. Conservation programs mean less pollution.

SIGNATURE	NAME	ADDRESS	PHONE
<i>Susan Williams</i>	Susan Williams	5835 Briscoe Ct.	487-0913
<i>Christine Mishum</i>	Christine Mishum	11752 CLARKSDALE	739-5215
<i>Maude Bury</i>	Maude Bury	11758 Clarksdale	2739-1257
<i>Dan Campbell</i>	Dan Campbell	3197 Danycourt	739-8297
<i>Marvin Dyer</i>	Marvin Dyer	11695 Danycourt	739-5175
<i>Pam McConnell</i>	Pam McConnell	11659 Celestial	298-5473
<i>Jeri Don</i>	Jeri Don	11672 Celestial	291-4847
<i>Ella Rich</i>	Ella Rich	11827 Cynthia	291-2729
<i>R. B. Dorman</i>	R. B. Dorman	11827 "	739-0765
<i>Eldred H. Collins</i>	Eldred H. Collins	11839 Cynthia Dr.	739-2318
<i>Susan Page</i>	Susan Page	11878 Cynthia Dr.	291-2484
<i>KAREN HOCH</i>	KAREN HOCH	11872 CYNTHIA	
<i>Betty Smith</i>	Betty Smith	11860 Cynthia	
<i>Lick Mercante</i>	Lick Mercante	11856 Cynthia	
<i>Alice Bahel</i>	Alice Bahel	11852 Cynthia	739-3892
<i>Linda Meenan</i>	Linda Meenan	11853 Flushing	291-0117

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David Lewis
2509 Bellevue #1
Maplewood, Mo.
63143

July 7, 1992

Missouri Public Service Commission
P.O.Box 360
Jefferson City, Mo. 65102

EX-92-299

Dear Commissioners:

This letter is written testimony concerning Electric Utility Resource Planning.

I endorse MoPIRG's Proposal that you direct electric utilities to invest at least 4.5 % of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a utility is to boost the consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5 % spending rule proposed by MoPIRG.

Sincerely,



David Lewis

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PUBLIC SERVICE COMMISSION

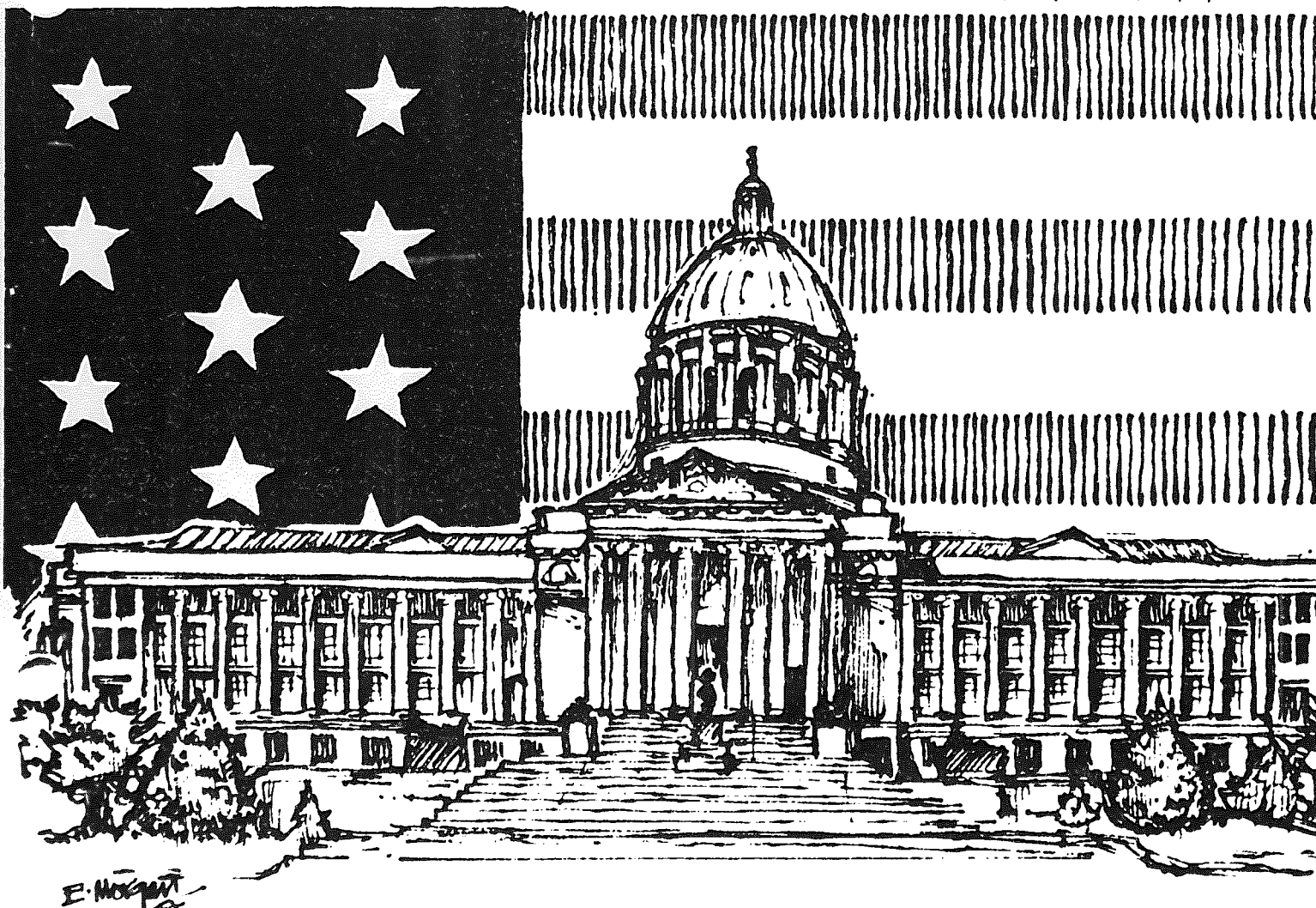
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July 1, 1992

EX-92-299



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Public Service Commission

Roy D. Blunt
Secretary of State

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300 and identify who will answer any questions of the commissioners and the hearing examiner at the public hearing relating to the statement or comments. Anyone may submit a statement in reply to any of these initial comments by filing an original and 14 copies by 5:00 p.m., August 31, 1992 with the Commission, Brent Stewart, Executive Secretary, Case No. OX-92-300. A public hearing has been scheduled to commence at 9:00 a.m. on September 10, 1992 in Hearing Room 520B, Truman State Office Building, 301 West High St., Jefferson City, MO 65101 and to continue, as and if necessary, through September 11, 1992. The sole purpose of this public hearing is for the commissioners and hearing examiner to ask any questions they may have respecting the initial and reply comments previously filed with the commission. No additional comments or statements in support of or in opposition to this Proposed Rescission will be permitted at the public hearing, nor will cross-examination be permitted.

Title 4—DEPARTMENT OF ECONOMIC DEVELOPMENT Division 240—Public Service Commission

Chapter 22—Electric Utility Resource Planning

PROPOSED RULES

4 CSR 240-22.010 Policy Objectives

PURPOSE: This rule states the public policy goal that this chapter of rules is designed to achieve and identifies the objectives that the electric utility resource planning process must serve.

(1) The commission's policy goal in promulgating this chapter of rules is to set minimum standards to govern the scope and objectives of the resource planning process that is required of electric utilities subject to its jurisdiction in order to ensure that the public interest is adequately served. Compliance with these rules shall not be construed to result in commission approval of the utility's resource plans, resource acquisition strategies or investment decisions.

(2) The fundamental objective of the resource planning process at electric utilities shall be to provide the public with energy services that are safe, reliable and efficient, at just and reasonable rates, in a manner that adequately serves the public interest. This objective requires that the utility shall—

(A) Consider and analyze demand-side efficiency and energy management measures

on an equivalent basis with supply-side alternatives in the resource planning process;

(B) Use minimization of the present worth of long-run utility costs as the primary selection criterion in choosing the preferred resource plan; and

(C) Explicitly identify and, where possible, quantitatively analyze any secondary criteria or considerations which are critical to meeting the fundamental objective of the resource planning process, but which may constrain or limit the minimization of the present worth of expected utility costs. The utility shall document the process and rationale used by decision makers to assess the tradeoffs and determine the appropriate balance between minimization of expected utility costs and these other considerations in selecting the preferred resource plan and developing contingency options. These considerations shall include, but are not necessarily limited to mitigation of—

1. Risks associated with critical uncertain factors that will affect the actual costs associated with alternative resource plans;

2. Risks associated with new or more stringent environmental laws or regulations that may be imposed at some point within the planning horizon; and

3. Rate increases associated with alternative resource plans.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.020 Definitions

PURPOSE: This rule defines terms used in the rules comprising Chapter 22—Electric Utility Resource Planning.

Editor's Note: The secretary of state has determined that the publication of this rule in its entirety would be unduly cumbersome or expensive. The entire text of the material referenced has been filed with the secretary of state. This material may be found at the Office of the Secretary of State or at the headquarters of the agency and is available to any interested person at a cost established by state law.

(1) Avoided cost means the cost savings obtained by substituting demand-side resources for existing and new supply resources. 4 CSR 240-22.050(3) requires the utility to develop the following measures of avoided cost:

(A) Avoided utility costs developed pursuant to 4 CSR 240-22.050(3)(D), which include energy cost savings plus demand cost savings associated with generation, transmission and distribution facilities; and

(B) Avoided probable environmental costs developed pursuant to 4 CSR 240-22.050(3)(D) and 4 CSR 240-22.040(2)(B).

(2) Candidate resource options are demand-side programs that pass the screening tests required by 4 CSR 240-22.050(7), or supply-side resources that are not rejected on the basis of the screening analysis required by 4 CSR 240-22.040(2).

(3) Capacity means the maximum capability to continuously produce and deliver electric power via supply-side resources, or the avoidance of the need for this capability by demand-side resources.

(4) A chance node is a decision-tree fork consisting of two (2) or more branches that represent the range and number of relevant potential outcomes for an uncertain factor.

(5) Coincident demand means the hourly demand of a component of system load at the hour of system peak demand within a specified interval of time.

(6) Contingency option means an alternative choice, decision or course of action designed to enhance the utility's ability to respond quickly and appropriately to events or circumstances that would render the preferred resource plan obsolete.

(7) A decision node is a decision-tree fork consisting of two (2) or more branches that represent the set of decision alternatives being considered by utility planners at that stage of the resource planning process.

(8) A decision tree is a diagram that specifies the order in which key resource decisions must be made, enumerates the set of decision alternatives to be considered at each stage, identifies the critical uncertain factors that affect the outcome of each decision and shows how the potential range of values for uncertain factors interact with each decision option to affect the expected cost of providing an adequate level and quality of energy services.

(9) Demand means the rate of electric power use, measured in kilowatts (kW).

(10) Demand-side measure is synonymous with end-use measure.

Proposed Rulemaking

- (11) Demand-side resource (or program) means an organized process for packaging and delivering to a particular market segment a portfolio of end-use measures that is broad enough to include at least some measures that are appropriate for most members of the target market segment.
- (12) Driver variable means an external economic or demographic factor that significantly affects some component of utility loads.
- (13) Electric utility or utility means any electrical corporation as defined in section 386.020, RSMo which is subject to the jurisdiction of the commission.
- (14) End-use energy service or energy service means the specific need that is served by the final use of energy, such as lighting, cooking, space heating, air conditioning, refrigeration, water heating or motive power.
- (15) End-use measure means an energy-efficiency measure or an energy-management measure.
- (16) Energy means the total amount of electric power that is used over a specified interval of time measured in kilowatt-hours (kWh).
- (17) Energy-efficiency measure means any device, technology, rate structure, or operating procedure that makes it possible to deliver an adequate level and quality of end-use energy service while using less energy than would otherwise be required.
- (18) Energy-management measure means any device, technology, rate structure or operating procedure that makes it possible to alter the time pattern of electricity usage so as to require less generating capacity, or to allow the electric power to be supplied from more fuel-efficient generating units.
- (19) The expected cost of an alternative resource plan is the statistical expectation of the cost of implementing that plan, contingent upon the uncertain factors and associated subjective probabilities represented by chance nodes in the decision tree. 4 CSR 240-22.060 requires the utility to consider probable environmental costs as well as direct utility costs in its assessment of alternative resource plans.
- (20) Expected unserved hours means the statistical expectation of the number of hours per year that a utility will be unable to supply its native load without importing emergency power.
- (21) Fixed cost margin means the portion of electric energy and demand rates that is designed to recover all nonvariable costs.
- (22) Implementation plan means descriptions and schedules for the major tasks necessary to implement the preferred resource plan over the implementation period.
- (23) Implementation period means the time interval between the filings required of each utility pursuant to 4 CSR 240-22.080.
- (24) Inefficient energy-related choice means any decision that causes the life-cycle cost of delivering an adequate level and quality of end-use energy service to be higher than it would be for an available alternative choice.
- (25) Inefficient price means a price that is not equal to the long-run marginal cost of providing a good or service.
- (26) Information means any fact, relationship, insight, estimate or expert judgment that narrows the range of uncertainty surrounding key decision variables, or has the potential to substantially influence or alter resource-planning decisions.
- (27) Levelized cost means the dollar amount of a fixed annual payment for which a stream of such payments over a specified period of time is equal to a specified present value based on a specified rate of interest.
- (28) Life-cycle cost means the present worth of costs over the lifetime of any device or means for delivering end-use energy service.
- (29) Load-building program means an organized promotional effort by the utility to persuade energy-related decision makers to choose electricity instead of other forms of energy for the provision of energy service, or to persuade existing customers to increase their use of electricity, either by substituting electricity for other forms of energy or by increasing the level or variety of energy services used. This term is not intended to include the provision of technical or engineering assistance, information about filed rates and tariffs, or other forms of routine customer service.
- (30) A load duration curve is a plot of ranked hourly demand versus the number of hours in which demand was greater than or equal to that value over a specified interval of time.
- (31) Load factor means the average demand over a specified interval of time divided by the maximum demand in the interval.
- (32) Load impact means the change in energy usage and the change in diversified demand during a specified interval of time due to the implementation of a demand-side measure or program.
- (33) Load profile means a plot of hourly demand versus chronological hour of the day from the hour ending 1:00 a.m. to the hour ending 12:00 midnight.
- (34) Load-research data means average hourly demands (kilowatt-hours per hour) derived from the metered instantaneous demand for each customer in the load-research sample.
- (35) Load-research estimates, or class hourly loads, or class load estimates means the statistical expectation of the average hourly demands for each major class derived from the load-research data for that class.
- (36) Load-research sample means a subset of utility customers from each major class whose demands are metered to provide statistical estimates of class hourly loads to a specified level of accuracy.
- (37) Long run means an analytical framework within which all factors of production are variable.
- (38) Lost margin or lost revenues means the reduction between rate cases in billed demand (kW) and energy (kWh) due to installed demand-side measures, multiplied by the fixed-cost margin of the appropriate rate component.
- (39) Market imperfection means any factor or situation that contributes to inefficient energy-related choices by decision makers, including at least—
- (A) Inadequate information about costs, performance and benefits of end-use measures;
 - (B) Inadequate marketing infrastructure or delivery channels for end-use measures;
 - (C) Inadequate financing options for end-use measures;
 - (D) Mismatched economic incentives resulting from situations where the person who pays the initial cost of an efficiency investment is different from the person who pays the operating costs associated with the chosen efficiency level;
 - (E) Ineffective economic incentives when decision makers give low priority to energy-related choices because they have a short-term ownership perspective, or because energy costs are a relatively small share of the total cost structure (for businesses) or of the total budget (for households); or
 - (F) Inefficient pricing of energy supplies.
- (40) Market segment means any subgroup of utility customers (or other energy-related decision makers) which has some or all of the following characteristics in common: they have a similar mix of end-use energy service needs, they are subject to a similar array of market imperfections that tend to inhibit efficient energy-related choices, they have similar values and priorities concerning energy-related choices, or the utility has access

to them through similar channels or modes of communication.

(41) Participant means an energy-related decision maker who implements one (1) or more end-use measures as a direct result of a demand-side program.

(42) Planning horizon means a future time period of at least twenty (20) years' duration over which the costs and benefits of alternative resource plans are evaluated.

(43) Preferred resource plan means the resource plan that is contained in the resource acquisition strategy that has most recently been adopted for implementation by the electric utility.

(44) The probable environmental benefits test is a test of the cost-effectiveness of end-use measures or demand-side programs that uses the sum of avoided utility costs and avoided probable environmental costs to quantify the net savings obtained by substituting the demand-side resource for supply resources.

(45) Probable environmental cost means the expected cost to the utility of complying with new or additional environmental laws, regulations, taxes or other costs that utility decision makers judge to have a nonzero probability of being imposed at some point within the planning horizon.

(46) Resource acquisition strategy means a preferred resource plan, an implementation plan and a set of contingency options for responding to events or circumstances that would render the preferred plan obsolete.

(47) Resource plan means a particular combination of demand-side and supply-side resources to be acquired according to a specified schedule over the planning horizon.

(48) Resource planning means the process by which an electric utility evaluates and chooses the appropriate mix and schedule of supply-side and demand-side resource additions to provide the public with an adequate level, quality and variety of end-use energy services.

(49) Screening test or cost-effectiveness test means the probable environmental benefits test.

(50) Subjective probability means the judgmental likelihood that the outcome represented by each branch of a chance node will actually occur. The sum of the probabilities associated with the branches of a single chance node must equal one (1). This means that the specified set of potential outcomes must be exhaustive and mutually exclusive.

(51) Sulfur dioxide emission allowance is an authorization to emit, during or after a

specified calendar year, one (1) ton of sulfur dioxide, as defined in Title IV of the Clean Air Act Amendments of 1990, 42 USC 7651a(3).

(52) Supply-side resource or supply resource means any device or method by which the electric utility can provide to its customers an adequate level and quality of electric power supply.

(53) The technical potential of an end-use measure is an estimate of the load impact that would occur if that measure were installed at every location in the utility's service territory where the measure is technically feasible but has not yet been installed.

(54) The utility benefits test is a test of the cost-effectiveness of end-use measures or demand-side programs that uses avoided utility costs to quantify the net savings obtained by substituting the demand-side resource for supply resources.

(55) Utility costs are the costs of operating the utility system and developing and implementing a resource plan that are incurred and paid by the utility. On an annual basis, utility cost is synonymous with utility revenue requirement.

(56) Utility discount rate means the post-tax rate of return on net investment used to calculate the utility's annual revenue requirements.

(57) Uncertain factor means any event, circumstance, situation, relationship, causal linkage, price, cost, value, response or other relevant quantity which can materially affect the outcome of resource planning decisions, about which utility planners and decision makers have incomplete or inadequate information at the time a decision must be made.

(58) Weather measure means a function of daily temperature data that reflects the observed relationship between electric load and temperature.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.030 Load Analysis and Forecasting

PURPOSE: This rule sets minimum standards for the maintenance and updating of historical data, the level of detail required in analyzing and forecasting loads, and for the documentation of the inputs, components and methods used to derive the load forecasts.

(1) Historical Data Base. The utility shall develop and maintain data on the actual historical patterns of energy usage within its service territory. The following information shall be maintained and updated on an ongoing basis:

(A) Customer Class Detail. The historical data base shall be maintained for each of the following major classes: residential, commercial, industrial, interruptible and other classes that may be required for forecasting (for example, large power, wholesale, outdoor lighting and public authorities).

1. Taking into account the requirement for an unbiased forecast as well as the cost of developing data at the subclass level, the utility shall determine what level of subclass detail is required for forecasting and what methods to use in gathering subclass information for each major class.

2. The utility shall consider the following categories of subclasses: for residential, dwelling type; for commercial, building or business type; and for industrial, product type. If the utility uses subclasses which do not fit into these categories, it must explain the reasons for its choice of subclasses;

(B) Load Data Detail. The historical load data base shall contain the following data:

1. For each jurisdiction for which the utility makes forecasts, each major class, and to the extent data is required to support the detail specified in paragraph (1)(A)1., for each subclass, actual and weather-normalized monthly energy usage and number of customers;

2. For each major class, actual and weather-normalized demands at the time of monthly peaks; and

3. For the system, actual and weather-normalized hourly net system load;

(C) Load Component Detail. The historical data base for major class monthly energy usage and demands at time of monthly peaks shall be disaggregated into a number of units component and a use kilowatt-hour (kWh) per unit component, for both actual and weather-normalized loads.

1. Typical units for the major classes are—residential, number of customers; commercial, square feet of floor space or commercial employment level; and industrial, production output or employment level. If the utility uses a different unit measure, it must explain the reason for choosing different units.

Proposed Rulemaking

2. The utility shall develop and implement a procedure to routinely measure and regularly update estimates of the effect of both actual and normal weather on class and system electric loads.

A. The estimates of the effect of weather on class and system loads shall incorporate the nonlinear response of loads to daily weather and seasonal variations in loads.

B. For at least the base year of the forecast, the utility shall estimate the cooling, heating, and nonweather-sensitive components of the weather-normalized major class loads.

C. The utility shall document the methods used to develop weather measures and the methods used to estimate the effect of weather on electric loads. If statistical models are used, the documentation shall include at least: the functional form of the models; the estimation techniques employed; the data used to estimate the models, including the development of model input data from basic data; and the statistical results of the models, including parameter estimates and tests of statistical significance; and

(D) Length of Data Base. Once the utility has developed the historical data base, it shall retain that data base for the ten (10) most recent years or for the period of time used as the basis of the utility's forecast, whichever is longer.

1. The development of actual and weather-normalized monthly class and system energy usage and actual hourly net system loads shall start from January 1982 or for the period of time used as the basis of the utility's forecast of these loads, whichever is longer.

2. Actual and weather-normalized class and system monthly demands at the time of the system peak and weather-normalized hourly system loads shall start from January 1990 or for the period of time used as the basis of the utility's forecast of these loads, whichever is longer.

(2) Analysis of Number of Units. For each major class or subclass, the utility shall analyze the historical relationship between the number of units and the economic or demographic factors (driver variables) that affect the number of units for that major class or subclass. These relationships shall be specified as statistical or mathematical models that relate the number of units to the driver variables.

(A) Choice of Driver Variables. The utility shall identify appropriate driver variables as predictors of the number of units for each major class or subclass. The critical factors that influence the driver variables shall also be identified.

(B) Documentation of statistical models shall include the elements specified in subparagraph (1)(C)2.C. Documentation of math-

ematical models shall include a specification of the functional form of the equations.

(C) Where the utility has modeled the relationship between the number of units and the driver variables for a major class but not for subclasses within that major class, it shall identify the factors which affect the subclass shares of major class units, and shall explain how those factors were used to predict the subclass shares of the total number of units for the major class.

(3) Analysis of Use Per Unit. For each major class, the utility shall analyze historical use per unit by end use.

(A) End-Use Detail. For each major class, use per unit shall be disaggregated by end use where information permits.

1. Where applicable for each major class, end-use information shall be developed for at least lighting, motor drives, space cooling, space heating, water heating and refrigeration.

2. For each major class and each end use, including those listed in paragraph (3)(A)1., if information is not available, the utility shall provide a schedule for acquiring this end-use information or demonstrate that either the expected costs of acquisition were found to outweigh the expected benefits over the planning horizon or that gathering the end-use information has proven to be infeasible.

3. If the utility has not yet acquired end-use information on space cooling or space heating for a major class, the utility shall determine the effect that weather has on the total load of that major class by disaggregating the load into its cooling, heating and nonweather-sensitive components. If the cooling or heating components are a significant portion of the total load of the major class, then the cooling or heating components of that load shall be designated as end uses for that major class.

4. The difference between the total load of a major class and all end uses for which the utility has acquired end-use information shall be designated as an end use for that major class.

(B) The data base and historical analysis required for each end use shall include at least the following:

1. Measures of the stock of energy-using capital goods. For each major class and end use, the utility shall implement a procedure to develop and maintain survey data on the energy-related characteristics of the building, appliance and equipment stock including saturation levels, efficiency levels and sizes where applicable. The utility shall update these surveys before each scheduled filing pursuant to 4 CSR 240-22.080; and

2. Estimates of end-use energy and demand. For each end use, the utility shall estimate end-use energies and demands at time of monthly system peaks, and shall calibrate

these energies and demands to equal the weather-normalized monthly energies and demands at time of monthly peaks for each major class for the most recently available data.

(4) Analysis of Load Profiles. The utility shall develop a consistent set of daily load profiles for the most recent year for which data is available. For each month, load profiles shall be developed for a peak weekday, a representative of at least one (1) weekday and a representative of at least one (1) weekend day.

(A) Load profiles for each day type shall be developed for each end use, for each major class and for the net system load.

(B) For each day type, the estimated end-use load profiles shall be calibrated to sum to the estimated major class load profiles, and the estimated major class load profiles shall be calibrated to sum to the net system load profiles.

(5) Base-Case Load Forecast. The utility's base-case load forecast shall be based on projections of the major economic and demographic driver variables that utility decision makers believe to be most likely. All components of the base-case forecast shall be based on the assumption of normal weather conditions. The load impacts of implemented demand-side programs shall be incorporated in the base-case load forecast and the load impacts of proposed demand-side programs should not be included in the base-case forecast.

(A) Customer Class and Total Load Detail. The utility shall produce forecasts of monthly energy usage and demands at the time of the summer and winter system peaks by major class for each year of the planning horizon. Where the utility anticipates that jurisdictional levels of forecasts will be required to meet the requirements of a specific state, then the utility shall determine a procedure by which the major class forecasts can be separated by jurisdictional component.

(B) Load Component Detail. For each major class, the utility shall produce separate forecasts of the number of units and use per unit components based on the analysis described in sections (2) and (3) of this rule.

1. Number of units forecast. The utility's forecast of number of units for each major class shall be based on the analysis of the relationship between number of units and driver variables described in section (2). Where judgment has been applied to modify the results of a statistical or mathematical model, the utility shall specify the factors which caused the modification and shall explain how those factors were quantified.

A. The forecasts of the driver variables shall be specified and clearly documented. These forecasts shall be compared to historical trends, and significant differences between the

forecasts and long-term and recent trends shall be analyzed and explained.

B. The forecasts of the number of units for each major class shall be compared to historical trends. Significant differences between the forecasts and long-term and recent trends shall be analyzed and explained.

2. Use per unit forecast. The utility's forecast of monthly energy usage per unit and seasonal peak demands per unit for each major class shall be based on the analysis described in section (3).

A. The forecasts of the driver variables for the use per unit shall be specified. The utility shall document how the forecast of use per unit has taken into account the effects of real prices of electricity, real prices of competitive energy sources, real incomes and any other relevant economic and demographic factors.

B. End-use detail. For each major class and for each end use the utility shall forecast both monthly energy use and demands at time of the summer and winter system peaks.

C. The stock of energy using capital goods. For each end use for which the utility has developed measures of the stock of energy using capital goods, it shall forecast those measures and document the relationship between the forecasts of the measures to the forecasts of end-use energy and demands at time of the summer and winter system peaks. The values of the driver variables used to generate forecasts of the measures of the stock of energy using capital goods shall be specified and clearly documented.

D. The major class forecasted use per unit shall be compared to historical trends in weather-normalized use per unit. Significant differences between the forecasts and long-term and recent trends shall be analyzed and explained.

(C) Net System Load Forecast. The utility shall produce a forecast of net system load profiles for each year of the planning horizon. The net system load forecast shall be consistent with the utility's forecasts of monthly energy and demands at time of summer and winter system peaks for the major rate classes.

(6) Sensitivity Analysis. The utility shall analyze the sensitivity of the components of the base-case forecast for each major class to variations in the key driver variables, including the real price of electricity, the real price of competing fuels, and economic and demographic factors identified in section (2) and subparagraph (5)(B)2.A.

(7) High-Case and Low-Case Load Forecasts. Based on the sensitivity analysis described in section (6), the utility shall produce at least two (2) additional load forecasts (a high-growth case and a low-growth case) that bracket the base-case load forecast. Subjective probabilities shall be assigned to each of the load

forecast cases. These forecasts and associated subjective probabilities shall be used as inputs to the strategic risk analysis required by 4 CSR 240-22.070.

(8) Reporting Requirements. To demonstrate compliance with the provisions of this rule, and pursuant to the requirements of 4 CSR 240-22.080, the utility shall prepare a report that contains at least the following information:

(A) For each major class specified in subsection (1)(A), the utility shall provide plots of number of units, energy usage per unit and total class energy usage.

1. Plots shall be produced for the summer period (June through September), the remaining nonsummer months and the calendar year.

2. The plots shall cover the historical data base period and the forecast period of at least twenty (20) years.

A. The historical period shall include both actual and weather-normalized energy usage per unit and total class energy usage.

B. The plots for the forecast period shall show each end-use component of major class energy usage per unit and total class energy usage for the base-case forecast.

(B) For each major class specified in subsection (1)(A), the utility shall provide plots of class demand per unit and class total demand at time of summer and winter system peak. The plots shall cover the historical data base period and the forecast period of at least twenty (20) years.

1. The plots for the historical period shall include both actual and weather-normalized class demands per unit and total demands at the time of summer and winter system peak demands.

2. The plots for the forecast period shall show each end-use component of major class coincident demands per unit and total class coincident demands for the base-case forecast.

(C) For the forecast of class energy and peak demands, the utility shall provide a summary of the sensitivity analysis required by section (6) of this rule that shows how changes in the driver variables affect the forecast.

(D) For the net system load, the utility shall provide plots of energy usage and peak demand.

1. The energy plots shall include the summer, nonsummer and total energy usage for each calendar year.

2. The peak demand plots shall include the summer and winter peak demands.

3. The plots shall cover the historical data base period and the forecast period of at least twenty (20) years. The historical period shall include both actual and weather-normalized values. The forecast period shall include the base-case, low-case and high-case forecasts.

4. The utility shall describe how the subjective probabilities assigned to each forecast were determined.

(E) For each major class, the utility shall provide estimated load profile plots for the summer and winter system peak days.

1. The plots shall show each end-use component of the hourly load profile.

2. The plots shall be provided for the base year of the load forecast and for the fifth, tenth and twentieth years of the forecast.

(F) For the net system load profiles, the utility shall provide plots for the summer peak day and the winter peak day.

1. The plots shall show each of the major class components of the net system load profile in a cumulative manner.

2. The plots shall be provided for the base year of the forecast and for the fifth, tenth and twentieth years of the forecast.

(G) The data presented in all plots shall also be provided in tabular form.

(H) The utility shall provide a description of the methods used to develop all forecasts required by this rule, including an annotated summary that shows how these methods comply with the specific provisions of this rule. If end-use methods have not been used in forecasting, an explanation as to why they have not been used shall be included. Also included shall be the utility's schedule to acquire end-use information and to develop end-use forecasting techniques, or a discussion as to why the acquisition of end-use information and the development of end-use forecasting techniques are either impractical or not cost-effective.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.040 Supply-Side Resource Analysis

PURPOSE: This rule establishes minimum standards for the scope and level of detail required in supply-side resource analysis.

(1) The analysis of supply side resources shall begin with the identification of a variety of potential supply-side resource options. These options include new plants using existing generation technologies; new plants using new generation technologies; life extension and refurbishment at existing generating plants;

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enhancement of the emission controls at existing or new generating plants; purchased power from utility sources, cogenerators or independent power producers; efficiency improvements which reduce the utility's own use of energy; and upgrading of the transmission and distribution systems to reduce power and energy losses. The utility shall collect generic cost and performance information for each of these potential resource options which shall include at least the following attributes where applicable:

(A) Fuel type and feasible variations in fuel type or quality;

(B) Practical size range;

(C) Maturity of the technology;

(D) Lead time for permitting, design, construction, testing and startup;

(E) Capital cost per kilowatt;

(F) Annual fixed operation and maintenance costs;

(G) Annual variable operation and maintenance costs;

(H) Scheduled routine maintenance outage requirements;

(I) Equivalent forced-outage rates or full- and partial-forced-outage rates;

(J) Operational characteristics and constraints of significance in the screening process;

(K) Environmental impacts, including at least the following:

1. Air emissions including at least the primary acid gasses, greenhouse gasses, ozone precursors, particulates and air toxics;

2. Waste generation including at least the primary forms of solid, liquid, radioactive and hazardous wastes;

3. Water impacts including direct usage and at least the primary pollutant discharges, thermal discharges and groundwater effects;

4. Siting impacts and constraints of sufficient importance to affect the screening process; and

(L) Other characteristics that may make the technology particularly appropriate as a contingency option under extreme outcomes for the critical uncertain factors identified pursuant to 4 CSR 240-22.070(2).

(2) Each of the supply-side resource options referred to in section (1) shall be subjected to a preliminary screening analysis. The purpose of this step is to provide an initial ranking of these options based on their relative annualized utility costs as well as their probable environmental costs, and to eliminate from further consideration those options that have significant disadvantages in terms of utility costs, environmental costs, operational efficiency, risk reduction or planning flexibility, as compared to other available supply-side resource options.

(A) Cost rankings shall be based on estimates of the installed capital costs plus fixed and variable operation and maintenance costs

over the useful life of the resource using the utility discount rate.

(B) The probable environmental costs of each supply-side resource option shall be quantified by estimating the cost to the utility of mitigating the environmental impacts of the resource to comply with additional environmental laws or regulations that are likely to be imposed at some point within the planning horizon.

1. The utility shall identify a list of environmental pollutants for which there is, in the judgment of utility decision makers, a nonzero probability that additional laws or regulations will be imposed at some point within the planning horizon.

2. For each pollutant identified pursuant to paragraph (2)(B)1., the utility shall specify at least two (2) levels of mitigation beyond existing requirements which are judged to have a nonzero probability of being imposed at some point within the planning horizon.

3. For each mitigation level identified pursuant to paragraph (2)(B)2., the utility shall specify a subjective probability that represents utility decision makers' judgment of the likelihood that additional laws or regulations requiring that level of mitigation will be imposed at some point within the planning horizon. The utility, based on these probabilities, shall calculate an expected mitigation level for each identified pollutant.

4. The probable environmental cost for a supply-side resource shall be estimated as the joint cost of simultaneously achieving the expected level of mitigation for all identified pollutants emitted by the resource. The estimated mitigation costs for an environmental pollutant may include or may be entirely comprised of a tax or surcharge imposed on emissions of that pollutant.

(C) The utility shall rank all supply-side resource options identified pursuant to section (1) in terms of both of the following cost estimates: utility costs and utility costs plus probable environmental costs. The utility shall indicate which supply-side options are considered to be candidate resource options for purposes of developing the alternative resource plans required by 4 CSR 240-22.060(3). The utility shall also indicate which options are eliminated from further consideration on the basis of the screening analysis and shall explain the reasons for their elimination.

(3) The analysis of supply-side resource options shall include a thorough analysis of existing and planned interconnected generation resources. The purpose of this analysis shall be to ensure that the transmission network is capable of reliably supporting the supply resource options under consideration, that the costs of transmission system investments associated with supply-side resources are properly considered and to provide an adequate foundation of basic information for

decisions about the following types of supply-side resource alternatives:

(A) Joint participation in generation construction projects;

(B) Construction of wholly-owned generation or transmission facilities; and

(C) Participation in major refurbishment, upgrading or retrofitting of existing generation or transmission resources.

(4) The utility shall identify and analyze opportunities for life extension and refurbishment of existing generation plants, taking into account their current condition to the extent that it is significant in the planning process.

(5) The utility shall identify and evaluate potential opportunities for new long-term power purchases and sales, both firm and nonfirm, that are likely to be available over all or part of the planning horizon. This evaluation shall be based on an analysis of at least the following attributes of each potential transaction:

(A) Type or nature of the purchase or sale (for example, firm capacity, summer only);

(B) Amount of power to be exchanged;

(C) Estimated contract price;

(D) Timing and duration of the transaction;

(E) Terms and conditions of the transaction, if available;

(F) Required improvements to the utility's generating system, transmission system, or both, and the associated costs; and

(G) Constraints on the utility system caused by wheeling arrangements, whether on the utility's own system or on an interconnected system, or by the terms and conditions of other contracts or interconnection agreements.

(6) For the utility's preferred resource plan selected pursuant to 4 CSR 240-22.070(7), the utility shall determine if additional future transmission facilities will be required to remedy any new generation-related transmission system inadequacies over the planning horizon. If any such facilities are determined to be required and, in the judgment of utility decision makers, there is a risk of significant delays or cost increases due to problems in the siting or permitting of any required transmission facilities, this risk shall be analyzed pursuant to the requirements of 4 CSR 240-22.070(2).

(7) The utility shall assess the age, condition and efficiency level of existing transmission and distribution facilities, and shall analyze the feasibility and cost-effectiveness of transmission and distribution system loss-reduction measures as a supply-side resource. This provision shall not be construed to require a detailed line-by-line analysis of the transmission and distribution system, but is intended to require the utility to identify and analyze opportunities for efficiency improvements in a

manner that is consistent with the analysis of other supply-side resource options.

(8) Before developing alternative resource plans and performing the integrated resource analysis, the utility shall develop ranges of values and probabilities for several important uncertain factors related to supply resources. These values can also be used to refine or verify information developed pursuant to section (2) of this rule. These cost estimates shall include at least the following elements and shall be based on the indicated methods or sources of information:

(A) Fuel price forecasts over the planning horizon for the appropriate type and grade of primary fuel, and for any alternative fuel that may be practical as a contingency option.

1. Fuel price forecasts shall be obtained from a consulting firm with specific expertise in detailed fuel supply and price analysis or developed by the utility if it has expert knowledge and experience with the fuel under consideration. Each forecast shall consider at least the following factors as applicable to each fuel under consideration:

A. Present reserves, discovery rates and usage rates of the fuel and forecasts of future trends of these factors;

B. Profitability and financial condition of producers;

C. Potential effect of environmental factors, competition and government regulations on producers, including the potential for changes in severance taxes;

D. Capacity, profitability and expansion potential of present and potential fuel transportation options;

E. Potential effects of government regulations, competition and environmental legislation on fuel transporters;

F. In the case of uranium fuel, potential effects of competition and government regulations on future costs of enrichment services and cleanup of production facilities; and

G. Potential for governmental restrictions on the use of the fuel for electricity production.

2. The utility shall consider the accuracy of previous forecasts as an important criterion in selecting providers of fuel price forecasts.

3. The provider of each fuel price forecast shall be required to identify the critical uncertain factors that drive the price forecast and to provide a range of forecasts and an associated subjective probability distribution that reflects this uncertainty;

(B) Estimated capital costs including engineering design, construction, testing, startup and certification of new facilities, or major upgrades, refurbishment or rehabilitation of existing facilities.

1. Capital cost estimates shall either be obtained from a qualified engineering firm actively engaged in the type of work required or developed by the utility if it has available

other sources of expert engineering information applicable to the type of facility under consideration.

2. The provider of the estimate shall be required to identify the critical uncertain factors that may cause the capital cost estimates to change significantly, and to provide a range of estimates and an associated subjective probability distribution that reflects this uncertainty;

(C) Estimated annual fixed and variable operation and maintenance costs over the planning horizon for new facilities or for existing facilities that are being upgraded, refurbished or rehabilitated.

1. Fixed and variable operation and maintenance cost estimates shall be obtained from the same source that provides the capital cost estimates.

2. The critical uncertain factors that affect these cost estimates shall be identified, and a range of estimates shall be provided, together with an associated subjective probability distribution that reflects this uncertainty;

(D) Forecasts of the annual cost or value of sulfur dioxide emission allowances to be used or produced by each generating facility over the planning horizon.

1. Forecasts of the future value of emission allowances shall be obtained from a qualified consulting firm or other source with expert knowledge of the factors affecting allowance prices.

2. The provider of the forecast shall be required to identify the critical uncertain factors that may cause the value of allowances to change significantly, and to provide a range of forecasts and an associated subjective probability distribution that reflects this uncertainty; and

(E) Annual fixed charges for any facility to be included in rate base, or annual payment schedule for leased or rented facilities.

(9) Reporting Requirements. To demonstrate compliance with the provisions of this rule, and pursuant to the requirements of 4 CSR 240-22.080, the utility shall furnish at least the following information:

(A) A summary table showing each supply resource identified pursuant to section (1) and the results of the screening analysis, including:

1. The calculated values of the utility cost and the probable environmental cost for each resource option and the rankings based on these costs;

2. Identification of candidate resource options that may be included in alternative resource plans; and

3. An explanation of the reasons why each supply-side resource option rejected as a result of the screening analysis was not included as a candidate resource option;

(B) A list of the candidate resource options for which the forecasts, estimates and probability distributions described in section (8) have been developed or are scheduled to be developed by the utility's next scheduled compliance filing pursuant to 4 CSR 240-22.080;

(C) A summary of the results of the uncertainty analysis that has been completed for candidate resource options described in section (8); and

(D) A summary of the mitigation cost estimates developed by the utility for the candidate resource options identified pursuant to subsection (2)(C). This summary shall include a description of how the alternative mitigation levels and associated subjective probabilities were determined and shall identify the source of the cost estimates for the expected mitigation level.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.050 Demand-Side Resource Analysis

PURPOSE: This rule specifies the methods by which end-use measures and demand-side programs shall be developed and screened for cost-effectiveness. It also requires the ongoing evaluation of end-use measures and programs, and the use of program evaluation information to improve program design and cost-effectiveness analysis.

(1) Identification of End-Use Measures. The analysis of demand-side resources shall begin with the development of a menu of energy efficiency and energy management measures that provides broad coverage of—

(A) All major customer classes, including at least residential, commercial, industrial and interruptible;

(B) All significant decision makers, including at least those who choose building design features and thermal integrity levels, equipment and appliance efficiency levels, and utilization levels of the energy-using capital stock;

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(C) All major end uses, including at least lighting, refrigeration, space cooling, space heating, water heating and motive power; and

(D) Renewable energy sources and energy technologies that substitute for electricity at the point of use.

(2) The utility shall estimate the technical potential of each end-use measure that passes the screening test.

(3) Calculation of Avoided Costs. The utility shall develop estimates of the cost savings that can be obtained by substituting demand-side resources for existing and new supply-side resources. These avoided cost estimates shall be used for cost-effectiveness screening and ranking of end-use measures and demand-side programs.

(A) Supply Resource Cost Estimates. The utility shall use the cost estimates developed pursuant to 4 CSR 240-22.040(2) to calculate the following two (2) estimates of avoided cost: avoided utility costs and avoided utility costs plus avoided probable environmental costs.

1. The choice of new generation options used to calculate avoided costs shall be limited to those which will meet the need for capacity under the base-case load forecast at approximately the lowest present value of utility revenue requirements over the planning horizon. The utility shall document the basis on which the timing and choice of the new generation options were determined to be approximately least cost.

2. The utility shall calculate the annual capacity cost of each new generation option and new transmission and distribution facilities as the sum of the levelized capital cost per kilowatt-year and the fixed operation and maintenance cost per kilowatt-year.

3. The utility shall calculate the direct running cost of each generation option as the sum of fuel costs, sulfur dioxide emission allowance costs, and variable operation and maintenance costs per kilowatt-hour. The probable environmental costs calculated pursuant to 4 CSR 240-22.040(2)(B) shall also be expressed on a per-kilowatt-hour basis for both existing and new generation resources.

(B) Avoided Cost Periods. The utility shall determine avoided cost periods by grouping hours on a seasonal (for example, summer, winter and transition) and time-of-use basis (for example, on-peak, off-peak, super-peak or shoulder-peak) as required to adequately reflect significant differences in running costs and the type of capacity being utilized to maintain required reserve margins.

(C) Calculation of Avoided Capacity and Running Costs. Avoided costs shall be calculated as the difference in costs associated with a specified decrement in load large enough to delay the on-line date of the new capacity additions by at least one (1) year.

1. Avoided running cost. For each year of the planning horizon and for each avoided cost period, the utility shall calculate the avoided direct running cost per kilowatt-hour (including sulfur dioxide emission allowance costs) and the avoided probable environmental running cost per kilowatt-hour due to the specified load decrement.

2. Avoided capacity costs. The utility shall calculate and document the avoided capacity costs per kilowatt-year for each year of the planning horizon.

A. This calculation shall include the costs of any new generation, transmission and distribution facilities that are delayed or avoided because of the specified load decrement.

B. For each year of the planning horizon, the utility shall determine the avoided cost periods in which the avoided new generation, transmission and distribution capacity was utilized, and shall allocate a nonzero portion of the annualized avoided capacity costs to each of the periods in which that capacity was utilized.

(D) Avoided Demand and Energy Costs. The utility shall use the avoided capacity and running costs (appropriately adjusted to reflect reliability reserve margins, demand losses and energy losses) to calculate the avoided demand and energy costs for each avoided cost period. Demand periods shall be defined as the avoided cost periods in which there is a significant probability of a loss of load (for example, periods which require the use of peaking capacity to maintain power pool reserve margins). Nondemand periods are the avoided cost periods in which there is not a significant probability of a loss of load.

1. Demand period avoided demand costs. Avoided demand costs per kilowatt-year for the demand periods of each season shall include avoided transmission and distribution capacity costs, plus the smaller of the avoided generation capacity cost allocated to the demand period or the avoided capacity cost of peaking capacity.

2. Demand period avoided energy costs. Any capacity cost per kilowatt-year allocated to the demand periods but not included in the avoided demand cost shall be converted to an avoided energy cost by dividing the avoided capacity cost per kilowatt-year by the number of hours in the associated demand period. The utility shall add this converted avoided capacity cost to both of the running cost estimates developed pursuant to paragraph (3)(C)1. to calculate the demand period direct energy costs and the probable environmental energy costs.

3. Nondemand period avoided demand cost. The avoided demand cost for the nondemand periods is zero (0).

4. Nondemand period avoided energy costs. Avoided capacity cost per kilowatt-year allocated to the nondemand periods within

each season shall be converted to a per-kilowatt-hour cost by dividing the avoided capacity cost per kilowatt-year by the number of hours in the associated nondemand period. The utility shall add this converted avoided capacity cost to both of the running cost estimates developed pursuant to paragraph (3)(C)1. to calculate the nondemand period direct energy costs and the probable environmental energy costs.

5. Annual avoided demand and energy costs. Annual avoided demand costs shall include avoided transmission and distribution capacity costs, plus the smaller of the annual avoided generation capacity costs or the avoided capacity cost of peaking capacity. Annual avoided energy costs shall include annual avoided running costs plus any avoided capacity costs not included in the annual demand cost.

(4) Cost-Effectiveness Screening of End-Use Measures. The utility shall evaluate the cost-effectiveness of each end-use measure identified pursuant to section (1) using the probable environmental benefits test.

(A) The utility shall develop estimates of the end-use measure demand reduction for each demand period and energy savings per installation for each avoided cost period on a normal-weather basis. If the utility can show that subannual load impact estimates are not required to capture the potential benefits of an end-use measure, annual estimates of demand and energy savings may be used for cost-effectiveness screening.

(B) Benefits per installation of each end-use measure in each avoided cost period shall be calculated as the demand reduction multiplied by the levelized avoided demand cost plus the energy savings multiplied by the levelized avoided energy cost.

1. Avoided costs in each avoided cost period shall be levelized over the planning horizon using the utility discount rate.

2. Annualized benefits shall be calculated as the sum of the levelized benefits over all avoided cost periods.

(C) Annualized costs per installation for each end-use measure shall be calculated as the sum of the following components:

1. Incremental costs of implementing the measure (regardless of who pays these costs) levelized over the life of the measure using the utility discount rate;

2. Annual operation and maintenance costs (regardless of who pays these costs) levelized over the life of the measure using the utility discount rate; and

3. Any probable environmental impact mitigation costs due to implementation of the end-use measure that are borne by either the utility or the customer.

(D) Annualized costs for end-use measures shall not include either utility marketing and delivery costs for demand-side programs or

lost revenues due to measure-induced reductions in energy sales or billing demands between rate cases.

(E) Annualized benefits minus annualized costs per installation must be positive or the ratio of annualized benefits to annualized costs must be greater than one (1) for an end-use measure to pass the screening test. The utility may relax this criterion for measures that are judged to have potential benefits that are not captured by the estimated load impacts or avoided costs.

(F) End-use measures that pass the probable environmental benefits test must be included in at least one (1) potential demand-side program.

(G) For each end-use measure that passes the probable environmental benefits test, the utility shall also perform the utility benefits test for informational purposes. This calculation shall include the cost components identified in subsection (4)(C).

(5) The utility shall conduct market research studies, customer surveys, pilot demand-side programs, test marketing programs and other activities as necessary to estimate the technical potential of end-use measures and to develop the information necessary to design and implement cost-effective demand-side programs.

(6) The utility shall develop a set of potential demand-side programs that are designed to deliver an appropriate selection of end-use measures to each market segment. The demand-side program planning and design process shall include at least the following activities and elements:

(A) Identify market segments that are numerous and diverse enough to provide relatively complete coverage of the classes and decision makers identified in subsections (1)(A) and (B), and that are specifically defined to reflect the primary market imperfections that are common to the members of the market segment;

(B) Analyze the interactions between end-use measures (for example, more efficient lighting reduces the savings related to efficiency gains in cooling equipment because efficient lighting reduces intrinsic heat gain);

(C) Assemble menus of end-use measures that are appropriate to the shared characteristics of each market segment and cost-effective as measured by the screening test; and

(D) Design a marketing plan and delivery process to present the menu of end-use measures to the members of each market segment and to persuade decision makers to implement as many of these measures as may be appropriate to their situation.

(7) Cost-Effectiveness Screening of Demand-Side Programs. The utility shall evaluate the cost-effectiveness of each potential demand-

side program developed pursuant to section (6) using the utility cost test and the total resource cost test. The following procedure shall be used to perform these tests:

(A) The utility shall estimate the incremental and cumulative number of program participants and end-use measure installations due to the program, and the incremental and cumulative demand reduction and energy savings due to the program in each avoided cost period in each year of the planning horizon.

1. Initial estimates of demand-side program load impacts shall be based on the best available information from in-house research, vendors, consultants, industry research groups, national laboratories or other credible sources.

2. As the load-impact measurements required by subsection (9)(B) become available, these results shall be used in the ongoing development and screening of demand-side programs and in the development of alternative resource plans;

(B) In each year of the planning horizon, the benefits of each demand-side program shall be calculated as the cumulative demand reduction multiplied by the avoided demand cost plus the cumulative energy savings multiplied by the avoided energy cost, summed over the avoided cost periods within each year. These calculations shall be performed using the avoided probable environmental costs developed pursuant to section (3);

(C) Utility Cost Test. In each year of the planning horizon, the costs of each demand-side program shall be calculated as the sum of all utility incentive payments plus utility costs to administer, deliver and evaluate each demand-side program. For purposes of this test, demand-side program costs shall not include lost revenues or costs paid by participants in demand-side programs;

(D) Total Resource Cost Test. In each year of the planning horizon, the costs of each demand-side program shall be calculated as the sum of all incremental costs of end-use measures that are implemented due to the program (including both utility and participant contributions) plus utility costs to administer, deliver and evaluate each demand-side program. For purposes of this test, demand-side program costs shall not include lost revenues or utility incentive payments to customers;

(E) The present value of program benefits minus the present value of program costs over the planning horizon must be positive or the ratio of annualized benefits to annualized costs must be greater than one (1) for a demand-side program to pass the utility cost test or the total resource cost test. The utility may relax this criterion for programs that are judged to have potential benefits that are not captured by the estimated load impacts or avoided costs; and

(F) Potential demand-side programs that pass the total resource cost test shall be considered as candidate resource options and must be included in at least one (1) alternative resource plan developed pursuant to 4 CSR 240-22.060(3).

(8) For each demand-side program that passes the total resource cost test, the utility shall develop time-differentiated load impact estimates over the planning horizon at the level of detail required by the supply system simulation model that is used in the integrated resource analysis required by 4 CSR 240-22.060(4).

(9) Evaluation of Demand-Side Programs. The utility shall develop evaluation plans for all demand-side programs that are included in the preferred resource plan selected pursuant to 4 CSR 240-22.070(7). The purpose of these evaluations shall be to develop the information necessary to improve the design of existing and future demand-side programs, and to gather data on the implementation costs and load impacts of programs for use in cost-effectiveness screening and integrated resource analysis.

(A) Process Evaluation. Each demand-side program that is part of the utility's preferred resource plan shall be subjected to an ongoing evaluation process that addresses at least the following questions about program design:

1. What are the primary market imperfections that are common to the target market segment?

2. Is the target market segment appropriately defined, or should it be further subdivided or merged with other segments?

3. Does the mix of end-use measures included in the program appropriately reflect the diversity of end-use energy service needs and existing end-use technologies within the target segment?

4. Are the communication channels and delivery mechanisms appropriate for the target segment?

5. What can be done to more effectively overcome the identified market imperfections and to increase the rate of customer acceptance and implementation of each end-use measure included in the program?

(B) Impact Evaluation. The utility shall develop methods of estimating the actual load impacts of each demand-side program included in the utility's preferred resource plan to a reasonable degree of accuracy.

1. Impact evaluation methods. Comparisons of one (1) or both of the following types shall be used to measure program impacts in a manner that is based on sound statistical principles:

A. Comparisons of pre-adoption and post-adoption loads of program participants, corrected for the effects of weather and other intertemporal differences; and

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B. Comparisons between program participants' loads and those of an appropriate control group over the same time period.

2. The utility shall develop load-impact measurement protocols that are designed to make the most cost-effective use of the following types of measurements, either individually or in combination: monthly billing data, load research data, end-use load metered data, building and equipment simulation models, and survey responses or audit data on appliance and equipment type, size and efficiency levels, household or business characteristics, or energy-related building characteristics.

(C) The utility shall develop protocols to collect data regarding demand-side program market potential, participation rates, utility costs, participant costs and total costs.

(10) Demand-side programs shall be designed and administered, and demand-side program costs shall be classified so as to permit a clear distinction between these costs and the costs of load-building programs to promote increased sales, attract new customers or induce customers to switch to electricity from other forms of energy supply for the provision of end-use energy services. The costs of demand-side activities that also serve other functions shall be allocated between the functions served.

(11) Reporting Requirements. To demonstrate compliance with the provisions of this rule, and pursuant to the requirements of 4 CSR 240-22.080, the utility shall prepare a report that contains at least the following information:

(A) A list of the end-use measures developed for initial screening pursuant to the requirements of section (1) of this rule;

(B) The estimated load impacts, annualized costs per installation and the results of the probable environmental benefits test for each end-use measure identified pursuant to section (1);

(C) The technical potential and the results of the utility benefits test for each end-use measure that passes the probable environmental benefits test;

(D) Documentation of the methods and assumptions used to develop the avoided cost estimates developed pursuant to section (3) including:

1. A description of the type and timing of new supply resources, including transmission and distribution facilities, used to calculate avoided capacity costs;

2. A description of the assumptions and procedure used to calculate avoided running costs;

3. A description of the avoided cost periods and how they were determined;

4. A tabulation of the direct running costs and the probable environmental running costs for each avoided cost period in each year of the planning horizon; and

5. A tabulation of the avoided demand cost, the avoided direct energy costs and the avoided probable environmental energy costs for each avoided cost period in each year of the planning horizon;

(E) Copies of completed market research studies, pilot programs, test marketing programs and other studies as required by section (5) of this rule, and descriptions of those studies that are planned or in progress and the scheduled completion dates;

(F) A description of each market segment identified pursuant to subsection (6)(A);

(G) A description of each demand-side program developed for initial screening pursuant to section (6) of this rule;

(H) A tabulation of the incremental and cumulative number of participants, load impacts, utility costs and program participant costs in each year of the planning horizon for each demand-side program developed pursuant to section (6) of this rule;

(I) The results of the utility cost test and the total resource cost test for each demand-side program developed pursuant to section (6) of this rule; and

(J) A description of the process and impact evaluation plans for demand-side programs that are included in the preferred resource plan as required by section (9) of this rule and the results of any such evaluations that have been completed since the utility's last scheduled filing pursuant to 4 CSR 240-22.080.

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STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.060 Integrated Resource Analysis

PURPOSE: This rule requires the utility to design alternative resource plans to meet the planning objectives identified in 4 CSR 240-22.010(2) and sets minimum standards for the scope and level of detail required in resource plan analysis, and for the logically consistent and economically equivalent analysis of alternative resource plans.

(1) Resource Planning Objectives. The utility shall design alternative resource plans to satisfy at least the objectives and priorities

identified in 4 CSR 240-22.010(2). The utility may identify additional planning objectives that alternative resource plans will be designed to serve.

(2) Specification of Performance Measures. The utility shall specify a set of quantitative measures for assessing the performance of alternative resource plans with respect to identified planning objectives. These measures shall include at least the following: present worth of utility revenue requirements, present worth of probable environmental costs, present worth of out-of-pocket costs to participants in demand-side programs, levelized annual average rates and maximum single-year increase in annual average rates. All present worth and levelization calculations shall use the utility discount rate. Utility decision makers may also specify other measures that they believe are appropriate for assessing the performance of resource plans relative to the planning goals identified in 4 CSR 240-22.010(2).

(3) Development of Alternative Resource Plans. The utility shall use appropriate combinations of candidate demand-side and supply-side resources to develop a set of alternative resource plans, each of which is designed to achieve one (1) or more of the planning objectives identified in 4 CSR 240-22.010(2). The alternative resource plans developed at this stage of the analysis shall not include load-building programs, which shall be analyzed as required by section (5) of this rule.

(4) Analysis of Alternative Resource Plans. The utility shall assess the relative performance of the alternative resource plans by calculating for each plan the value of each performance measure specified pursuant to section (2). This calculation shall assume values for uncertain factors that are judged by utility decision makers to be most likely. The analysis shall cover a planning horizon of at least twenty (20) years and shall be carried out with computer models that are capable of simulating the total operation of the system on a year-by-year basis in order to assess the cumulative impacts of alternative resource plans. These models shall be sufficiently detailed to accomplish the following tasks and objectives:

(A) The financial impact of alternative resource plans shall be modeled in sufficient detail to provide comparative estimates of at least the following measures of the utility's financial condition for each year of the planning horizon: pretax interest coverage, ratio of total debt to total capital, and ratio of net cash flow to capital expenditures;

(B) The modeling procedure shall be based on the assumption that rates will be adjusted annually, in a manner that is consistent with

Missouri law. This provision does not imply any requirement for the utility to file actual rate cases or for the commission to accord any particular ratemaking treatment to actual costs incurred by the utility;

(C) The modeling procedure shall include a method to ensure that the impact of changes in electric rates on future levels of demand for electric service is accounted for in the analysis; and

(D) The modeling procedure shall treat supply-side and demand-side resources on a logically consistent and economically equivalent basis. This means that the same types or categories of costs, benefits and risks shall be considered, and that these factors shall be quantified at a similar level of detail and precision for all resource types.

(5) Analysis of Load-Building Programs. If the utility intends to continue existing load-building programs or implement new ones, it shall analyze these programs in the context of one (1) or more of the alternative plans developed pursuant to section (3) of this rule, and using the same modeling procedure and assumptions described in section (4). This analysis shall include the following elements:

(A) Estimation of the impact of load-building programs on the electric utility's summer and winter peak demands and energy usage;

(B) A comparison of annual average rates in each year of the planning horizon for the resource plan with and without the load-building program;

(C) A comparison of the probable environmental costs of the resource plan in each year of the planning horizon with and without the proposed load-building program; and

(D) An assessment of any other aspects of the proposed load-building programs that affect the public interest.

(6) Reporting Requirements. To demonstrate compliance with the provisions of this rule, and pursuant to the requirements of 4 CSR 240-22.080, the utility shall prepare a report that contains at least the following information:

(A) A description of each alternative resource plan including the type and size of each resource addition and a listing of the sequence and schedule for retiring existing resources and acquiring each new resource addition;

(B) A summary tabulation that shows the performance of each alternative resource plan as measured by each of the measures specified in section (2) of this rule;

(C) For each alternative resource plan, a plot of each of the following over the planning horizon:

1. The combined impact of all demand-side resources on the base-case forecast of summer and winter peak demands;

2. The composition, by program, of the capacity provided by demand-side resources;

3. The composition, by supply resource, of the capacity (including reserve margin) provided by supply resources. Existing supply-side resources may be shown as a single resource;

4. The combined impact of all demand-side resources on the base-case forecast of annual energy requirements;

5. The composition, by program, of the annual energy provided by demand-side resources;

6. The composition, by supply resource, of the annual energy (including losses) provided by supply resources. Existing supply-side resources may be shown as a single resource;

7. The values of the three (3) measures of financial condition identified in subsection (4)(A);

8. Annual average rates;

9. Annual emissions of each environmental pollutant identified pursuant to 4 CSR 240-22.040(2)(B)1; and

10. Annual probable environmental costs.

(D) A discussion of how the impacts of rate changes on future electric loads were modeled and how the appropriate estimates of price elasticity were obtained;

(E) A description of the computer models used in the analysis of alternative resource plans; and

(F) A description of any proposed load-building programs, a discussion of why these programs are judged to be in the public interest, and for all resource plans that include these programs, plots of the following over the planning horizon:

1. Annual average rates with and without the load-building programs; and

2. Annual utility costs and probable environmental costs with and without the load-building programs.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.070 Risk Analysis and Strategy Selection

PURPOSE: This rule requires the utility to identify the critical uncertain factors that affect the performance of resource

plans, establishes minimum standards for the methods used to assess the risks associated with these uncertainties, and requires the utility to specify and officially adopt a resource acquisition strategy.

(1) The utility shall use the methods of formal decision analysis to assess the impacts of critical uncertain factors on the expected performance of each of the alternative resource plans developed pursuant to 4 CSR 240-22.060(3), to analyze the risks associated with alternative resource plans, to quantify the value of better information concerning the critical uncertain factors, and to explicitly state and document the subjective probabilities that utility decision makers assign to each of these uncertain factors. This assessment shall include a decision tree representation of the key decisions and uncertainties associated with each alternative resource plan.

(2) Before developing a detailed decision tree representation of each resource plan, the utility shall conduct a preliminary sensitivity analysis to identify the uncertain factors that are critical to the performance of the resource plan. This analysis shall assess at least the following uncertain factors:

(A) The range of future load growth represented by the low-case and high-case load forecasts;

(B) Future interest rate levels and other credit market conditions that can affect the utility's cost of capital;

(C) Future changes in environmental laws, regulations or standards;

(D) Relative real fuel prices;

(E) Siting and permitting costs and schedules for new generation and generation-related transmission facilities;

(F) Construction costs and schedules for new generation and transmission facilities;

(G) Purchased power availability, terms and cost;

(H) Sulfur dioxide emission allowance prices;

(I) Fixed operation and maintenance costs for existing generation facilities;

(J) Equivalent or full- and partial-forced-outage rates for new and existing generation facilities;

(K) Future load impacts of demand-side programs; and

(L) Utility marketing and delivery costs for demand-side programs.

(3) For each alternative resource plan, the utility shall construct a decision tree diagram that appropriately represents the key resource decisions and critical uncertain factors that affect the performance of the resource plan.

(4) The decision tree diagram for all alternative resource plans shall include at least two (2)

Proposed Rulemaking

chance nodes for load growth uncertainty over consecutive subintervals of the planning horizon. The first of these subintervals shall be not more than ten (10) years long.

(5) The utility shall use the decision tree formulation to compute the cumulative probability distribution of the values of each performance measure specified pursuant to 4 CSR 240-22.060(2), contingent upon the identified uncertain factors and associated subjective probabilities assigned by utility decision makers pursuant to section (1) of this rule. Both the expected performance and the risks of each alternative resource plan shall be quantified.

(A) The expected performance of each resource plan shall be measured by the statistical expectation of the value of each performance measure.

(B) The risk associated with each resource plan shall be characterized by some measure of the dispersion of the probability distribution for each performance measure, such as the standard deviation or the values associated with specified percentiles of the distribution.

(6) The impact of the preferred resource plan on future requirements for emergency imported power shall be explicitly modeled and quantified. The requirement for emergency imported power shall be measured by expected unserved hours under normal-weather load conditions.

(A) The daily normal weather series used to develop normal-weather loads shall contain a representative amount of day-to-day temperature variation. Both the high and low extreme values of daily normal weather variables shall be consistent with the historical average of annual extreme temperatures.

(B) The supply-system simulation software used to calculate expected unserved hours shall be capable of accurately representing at least the following aspects of system operations:

1. Chronological dispatch, including unit commitment decisions that are consistent with the operational characteristics and constraints of all system resources;

2. Heat rates, fuel costs, variable operation and maintenance costs, and sulfur dioxide emission allowance costs for each generating unit;

3. Scheduled maintenance outages for each generating unit;

4. Partial- and full-forced-outage rates for each generating unit; and

5. Capacity and energy purchases and sales, including the full spectrum of possibilities, from long-term firm contracts or unit participation agreements to hourly economy transactions.

A. The utility shall maintain the capability to model purchases and sales of energy both with and without the inclusion of sulfur dioxide emission allowances.

B. The level of energy sales and purchases shall be consistent with forecasts of the utility's own production costs as compared to the forecasted production costs of other likely participants in the bulk power market; and

(C) The utility may use an alternative method of calculating expected unserved hours per year if it can demonstrate that the alternative method produces results that are equivalent to those obtained by a method that meets the requirements of subsection (6)(B).

(7) The utility shall select a preferred resource plan from among the alternative plans that have been analyzed pursuant to the requirements of 4 CSR 240-22.060 and sections (1)–(6) of this rule. The preferred resource plan shall satisfy at least the following conditions:

(A) In the judgment of utility decision makers, the preferred plan shall strike an appropriate balance between the various planning objectives specified in 4 CSR 240-22.010(2); and

(B) The trend of expected unserved hours for the preferred resource plan must not indicate a consistent increase in the need for emergency imported power over the planning horizon.

(8) The utility shall quantify the expected value of better information concerning at least the critical uncertain factors that affect the performance of the preferred resource plan, as measured by the present value of utility revenue requirements.

(9) The utility shall develop an implementation plan that specifies the major tasks and schedules necessary to implement the preferred resource plan over the implementation period. The implementation plan shall contain—

(A) A schedule and description of ongoing and planned research activities to update and improve the quality of data used in load analysis and forecasting;

(B) A schedule and description of ongoing and planned demand-side programs, program evaluations and research activities;

(C) A schedule and description of all supply-side resource acquisition and construction activities; and

(D) Identification of critical paths and major milestones for each resource acquisition project, including decision points for committing to major expenditures.

(10) The utility shall develop, document, and officially adopt a resource acquisition strategy. This means that the utility's resource acquisition strategy shall be formally approved by the board of directors, a committee of senior management, an officer of the company or other responsible party who has been duly delegated the authority to commit the utility to the course of action described in the resource acquisition strategy. The offi-

cially adopted resource acquisition strategy shall consist of the following components:

(A) A preferred resource plan selected pursuant to the requirements of section (7) of this rule;

(B) An implementation plan developed pursuant to the requirements of section (9) of this rule;

(C) A specification of the ranges or combinations of outcomes for the critical uncertain factors that define the limits within which the preferred resource plan is judged to be appropriate, and an explanation of how these limits were determined;

(D) A set of contingency options that are judged to be appropriate responses to extreme outcomes of the critical uncertain factors, and an explanation of why these options are judged to be appropriate responses to the specified outcomes; and

(E) A process for monitoring the critical uncertain factors on a continuous basis and reporting significant changes in a timely fashion to those managers or officers who have the authority to direct the implementation of contingency options when the specified limits for uncertain factors are exceeded.

(11) Reporting Requirements. To demonstrate compliance with the provisions of this rule, and pursuant to the requirements of 4 CSR 240-22.080, the utility shall furnish at least the following information:

(A) A decision tree diagram for each of the alternative resource plans along with narrative discussions of the following aspects of the decision analysis:

1. A discussion of the sequence and timing of the decisions represented by decision nodes in the decision tree, and a description of the specific decision alternatives considered at each decision point; and

2. An explanation of how the critical uncertain factors were identified, how the ranges of potential outcomes for each uncertain factor were determined, and how the subjective probabilities for each outcome were derived;

(B) Plots of the cumulative probability distribution of each performance measure for each alternative resource plan;

(C) For each performance measure, a table that shows the expected value and the risk of each resource plan;

(D) A plot of the expected level of annual unserved hours for the preferred resource plan over the planning horizon;

(E) A discussion of the analysis of the value of better information required by section (8), a tabulation of the key quantitative results of that analysis, and a discussion of how those findings will be incorporated in ongoing research activities;

(F) A discussion of the process used to select the preferred resource plan, including the relative weights given to the various perfor-

mance measures, and the rationale used by utility decision makers to judge the appropriate tradeoffs between competing planning objectives and between expected performance and risk; and

(G) The fully documented resource acquisition strategy that has been developed and officially adopted pursuant to the requirements of section (10) of this rule.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: See statement following the last Proposed Rule in this chapter.

PRIVATE ENTITY COST: See statement following the last Proposed Rule in this chapter.

NOTICE TO SUBMIT COMMENTS: See notice following the last Proposed Rule in this chapter.

4 CSR 240-22.080 Filing Schedule and Requirements

PURPOSE: This rule specifies the requirements for electric utility filings to demonstrate compliance with the provisions of this chapter of rules. The purpose of the compliance review required by this chapter of rules is not commission approval of the substantive findings, determinations or analyses contained in the filing. The purpose of the compliance review required by this chapter is to determine whether the utility's resource acquisition strategy meets the planning objectives stated in 4 CSR 240-22.010(2)(A)-(C).

(1) Each electric utility which sold more than one (1) million megawatt-hours to retail electric customers for calendar year 1991 as identified in the annual reports on file with the commission shall make a filing with the commission every three (3) years that demonstrates compliance with the provisions of this chapter of rules. The utility's filing shall include at least the following items:

- (A) Letter of transmittal;
- (B) Summary information and any press release related to the filing;
- (C) Reports and information required by 4 CSR 240-22.030(8), 4 CSR 240-22.040(9), 4 CSR 240-22.050(11), 4 CSR 240-22.060(6) and 4 CSR 240-22.070(11);

(D) A narrative description and summary of the reports and information referred to in subsection (1)(C). The narrative shall specifically show that the resource acquisition strategy contained in the filing has been officially approved by the utility, and that the methods used and the procedures followed by

the utility in formulating the resource acquisition strategy comply with the provisions of this chapter of rules;

(E) A request for a protective order from the commission if the utility seeks to protect anything contained in the filing as trade secrets, or as confidential or private technical, financial or business information; and

(F) Tariff sheets as required by 4 CSR 240-14.040(2) for demand-side programs that are promotional practices as defined by 4 CSR 240-14.010(6)(L).

(2) The electric utility's compliance filing may also include a request for nontraditional accounting procedures and information regarding any associated ratemaking treatment to be sought by the utility for demand-side resource costs. If the utility desires to make any such request, it must be made in the utility's compliance filing pursuant to this rule and not at some subsequent time. If the utility desires to continue any previously authorized nontraditional accounting procedures beyond the three (3)-year implementation period, it must request reauthorization in each subsequent filing pursuant to this rule. Commission authorization of any nontraditional accounting procedures does not constitute a finding that the expenditures involved are reasonable or prudent, and should not be construed as approval or acceptance of any item in any account for the purpose of fixing rates. Any request for initial authorization or reauthorization of these nontraditional accounting procedures must—

(A) Be limited to specific demand-side programs that are included in the utility's implementation plan; and

(B) Include specific proposals that contain at least the following information:

- 1. An explanation of the specific form and mechanics of implementing the proposed accounting procedure and any associated ratemaking treatment to be sought;
- 2. A discussion of the rationale and justification of the need for a nontraditional treatment of these costs;
- 3. An explanation of how the specific proposal meets this need for nontraditional treatment; and
- 4. A quantitative comparison of the utility's estimated earnings over the three (3)-year implementation period with and without the proposed nontraditional accounting procedures and any associated ratemaking treatment to be sought.

(3) The electric utilities shall make their initial compliance filings on a staggered basis in order of decreasing size of gross annual operating revenues as identified in the annual reports on file with the commission for calendar year 1991. The electric utility with the largest gross annual operating revenues shall make its initial filing seven (7) months after

the effective date of this chapter. The remaining electric utilities shall make their initial filings in successive increments of seven (7) months from the effective date of this chapter.

(4) The commission will establish a docket for the purpose of receiving the compliance filing of each affected electric utility. The commission will issue an order that establishes an intervention deadline, sets an early prehearing conference and provides for notice.

(5) The staff shall review each compliance filing required by this rule and shall file a report not later than one hundred twenty (120) days after each utility's scheduled filing date that identifies any deficiencies in the electric utility's compliance with the provisions of this chapter, any major deficiencies in the methodologies or analyses required to be performed by this chapter, and any other deficiencies which in its limited review, the staff determines would cause the electric utility's resource acquisition strategy to fail to meet the planning objectives identified in 4 CSR 240-22.010(2)(A)-(C). If the staff's limited review finds no deficiencies, the staff shall state that in the report. A staff report that finds that an electric utility's filing is in compliance with this chapter of rules shall not be construed as acceptance or agreement with the substantive findings, determinations or analysis contained in the electric utility's filing.

(6) Also within one hundred twenty (120) days after an electric utility's compliance filing pursuant to this rule, the office of public counsel and any intervenor may file a report or comments based on a limited review that identify any deficiencies in the electric utility's compliance with the provisions of this chapter of rules, any deficiencies in the methodologies or analyses required to be performed by this chapter of rules, and any other deficiencies which the public counsel or intervenor believes would cause the utility's resource acquisition strategy to fail to meet the planning objectives identified in 4 CSR 240-22.010(2)(A)-(C).

(7) All workpapers, documents, reports, data, computer model documentation, analysis, letters, memoranda, notes, test results, studies, recordings, transcriptions and any other supporting information relating to the filed resource acquisition strategy within the electric utility's or its contractors' possession, custody or control shall be preserved and made available in accordance with any protective order to the staff, public counsel and any intervenor for use in its review of the periodic filings required by this rule. Each electric utility shall retain at least one (1) copy of the officially adopted resource acquisition strategy and all supporting information for at least ten (10) years.

Proposed Rulemaking

(8) If the staff, public counsel, or any intervenor finds deficiencies, it shall work with the electric utility and the other parties to reach, within forty-five (45) days of the date that the report or comments were submitted, a joint agreement on a plan to remedy the identified deficiencies. If full agreement cannot be reached, this should be reported to the commission through a joint filing as soon as possible, but no later than forty-five (45) days after the date on which the report or comments were submitted. The joint filing should set out in a brief narrative description those areas on which agreement cannot be reached.

(9) If full agreement on remedying deficiencies is not reached, then within sixty (60) days from the date on which the staff, public counsel or any intervenor submitted a report or comments relating to the electric utility's compliance filing, the electric utility may file a response and the staff, public counsel and any intervenor may file comments in response to each other. The commission will issue an order which indicates on what items, if any, a hearing will be held and which establishes a procedural schedule.

(10) If the utility determines that circumstances have changed so that the preferred resource plan is no longer appropriate, either due to the limits identified pursuant to 4 CSR 240-22.070(10)(C) being exceeded or for other reasons, the utility, in writing, shall notify the commission within sixty (60) days of the utility's determination. If the utility decides to implement any of the contingency options identified pursuant to 4 CSR 240-22.070(10)(D), the utility shall file for review in advance of its next regularly scheduled compliance filing a revised implementation plan.

(11) Upon written application, and after notice and an opportunity for hearing, the commission may waive or grant a variance from a provision of this chapter of rules for good cause shown.

(A) The granting of a variance to one (1) electric utility which waives or otherwise affects the required compliance with a provision of this chapter of rules does not constitute a waiver respecting, or otherwise affect, the required compliance of any other electric utility with a provision of these rules.

(B) The commission will not waive or grant a variance from this chapter in total.

(12) The commission may extend or reduce any of the time periods specified in this rule for good cause shown.

(13) The commission will issue an order which contains findings that the electric utility's filing pursuant to this rule either does or does not demonstrate compliance with the requirements of this chapter of rules, and that the

utility's resource acquisition strategy either does or does not meet the planning objectives stated in 4 CSR 240-22.010(2)(A)-(C), and which addresses any utility requests pursuant to section (2) for authorization or reauthorization of nontraditional accounting procedures for demand-side resource costs.

Auth: sections 386.040, 386.610 and 393.140, RSMo (1986) and 386.250, RSMo (Cum. Supp. 1991). Original rule filed June 12, 1992.

STATE AGENCY COST: These Proposed Rules directly impact without any discretion only the Public Service Commission. Other state agencies and certain political subdivisions may choose to participate in proceedings resulting from these Proposed Rules and so incur costs voluntarily. These Proposed Rules will not cost state agencies or political subdivisions more than \$500 in the aggregate for the period February 1, 1993 through June 30, 1993. These Proposed Rules are estimated to cost the Public Service Commission \$50,000 and the Office of the Public Counsel \$30,000 for outside consultant services for the period July 1, 1993 through June 30, 1994. A fiscal note containing this estimated cost of compliance and the assumptions on which it is based has been filed with the secretary of state.

PRIVATE ENTITY COST: These Proposed Rules are estimated to cost the five investor-owned electrical corporations that sold more than one million megawatt-hours in calendar year 1991 an aggregate one-time cost of \$9,841,000, a cost of \$3,383,000 (excluding the one-time cost) for the period February 1, 1993 through June 30, 1993, and a cost of \$8,268,000 (excluding the one-time cost) for the period July 1, 1993 through June 30, 1994. Allocating the aggregate one-time cost to the fiscal year 1993 and the fiscal year 1994 periods results in an aggregate cost of \$6,633,000 for the period February 1, 1993 through June 30, 1993, and an aggregate cost of \$13,056,000 for the period July 1, 1993 through June 30, 1994. These estimated costs are principally based on figures provided by the affected investor-owned electrical corporations. Some gas utilities believe that they could be exposed to a significant reduction in income as a result of losing load, and a significant expenditure of money to perform analysis and retain load as a result of the Proposed Amendments to Chapter 14—Promotional Practices and Proposed Rules Chapter 22—Electric Utility Resource Planning. These gas utilities

have indicated that it is not presently possible to quantify these effects because it is not known at this time what programs the electric utilities would pursue under the Proposed Amendments to Chapter 14 and the Proposed Rules Chapter 22.

NOTICE OF PUBLIC HEARING: Anyone may submit a statement in support of or in opposition to these Proposed Rules by filing an original and 14 copies by 5:00 p.m., August 3, 1992 with the Missouri Public Service Commission, Brent Stewart, Executive Secretary, P.O. Box 360, Jefferson City, MO 65102, (314) 751-3234. All comments should bear reference to Case No. EX-92-299, and identify who will answer any questions of the commissioners and the hearing examiner at the public hearing relating to the statement or comments. Anyone may submit a statement in reply to any of these initial comments by filing an original and 14 copies by 5:00 p.m., August 31, 1992 with the commission, Brent Stewart, Executive Secretary, Case No. EX-92-299. A public hearing has been scheduled to commence at 9:00 a.m., on September 10, 1992 in Hearing Room 520B, Truman State Office Building, 301 West High Street, Jefferson City, MO 65101 and to continue, as and if necessary, through September 11, 1992. The sole purpose of this public hearing is for the commissioners and hearing examiner to ask any questions they may have respecting the initial and reply comments previously filed with the commission. No additional comments or statements in support of or in opposition to these Proposed Rules will be permitted at the public hearing, nor will cross-examination be permitted.

Title 12—DEPARTMENT OF REVENUE
Division 10—Director of Revenue
Chapter 24—Driver's License Bureau
Rules

PROPOSED RULE

12 CSR 10-24.414 Class E, Class F or Nonlicensed Drivers Completing Driver Examinations For a Commercial Driver's License While Under Suspension/Revocation

PURPOSE: This rule establishes the guidelines to follow for accepting test results for a commercial driver's license applicant while the person is under suspension or revocation.



Commissioners:

KENNETH McCLURE
Chairman

ALLAN G. MUELLER

DAVID L. RAUCH

PATRICIA D. PERKINS

DUNCAN E. KINCHELOE

Missouri Public Service Commission

POST OFFICE BOX 360
JEFFERSON CITY, MISSOURI 65102
314 751-3234
314 751-1847 (Fax Number)

June 15, 1992

BRENT STEWART
Executive Secretary

SHERRY BOLDT
Director, Utility Services

SAM GOLDAMMER
Director, Utility Operations

GORDON L. PERSINGER
Director, Policy & Planning

DANIEL S. ROSS
Director, Administration

CECIL I. WRIGHT
Chief Hearing Examiner

MARY ANN YOUNG
General Counsel

Mr. and Mrs. John Cuba
543 Ridge Avenue
Webster Groves, Missouri 63119

Dear Mr. and Mrs. Cuba:

Thank you for taking the time to express your views in Case No.
EX-92-299 - Integrated Resource Planning.

Your letter will be placed with the written comments in the case
files for consideration in the rule making process.

Sincerely,

Norma L. Tambke
Consumer Services Specialist

/ca

FILED
JUN 16 1992
PUBLIC SERVICE COMMISSION

4.



Commissioners:

KENNETH McCLURE
Chairman
ALLAN G. MUELLER
DAVID L. RAUCH
PATRICIA D. PERKINS
DUNCAN E. KINCHELOE

Missouri Public Service Commission

POST OFFICE BOX 360
JEFFERSON CITY, MISSOURI 65102
314 751-3234
314 751-1847 (Fax Number)

June 15, 1992

BRENT STEWART
Executive Secretary

SAM GOLDAMMER
Director, Utility Operations

GORDON L. PERSINGER
Director, Policy & Planning

DANIEL S. ROSS
Director, Administration

CECIL I. WRIGHT
Chief Hearing Examiner

MARY ANN YOUNG
General Counsel

Mrs. Joan Nelson
2516 Tangelwood
Arnold, Missouri 63010

Dear Mrs. Nelson:

Thank you for taking the time to express your views in Case No.
EX-92-299 - Integrated Resource Planning.

Your letter will be placed with the written comments in the case
files for consideration in the rule making process.

Sincerely,

Norma L. Tambke

Norma L. Tambke
Consumer Services Specialist

/ca

FILED
JUN 15 1992
PUBLIC SERVICE COMMISSION

3.

May 26, 1992

2516 Sanglewood
Arnold, MO 63010

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

RECEIVED
JUN 1 - 1992

MO. PUBLIC SERVICE COMMISSION

Dear Commissioners:

This letter is a written testimony concerning
Electric Utility Resource Planning.

I endorse Mo. P.S.C.'s proposal that you direct
electric utilities to invest a minimum of 4.5% of
their gross annual Missouri revenues in energy
efficiency and renewable energy measures.

I support the P.S.C. effort to write resource plan rules.
But even the best process needs a goal. If the goal
of an electric utility is to boost consumption, the
utility could follow your resource planning process
and still not invest a cent in energy efficiency or
renewable energy.

RECEIVED

JUN 1 1992

CUSTOMER SERVICES
PUBLIC SERVICE COMMISSION

Missouri needs this investment, both to create jobs and to protect the environment. Therefore, I support the 4.5% spending rule proposed by Mr. PQRH.

Sincerely,

Joan Nelson

CASE NO.
EX-92-299

PROPOSED
COMMISSION
RULES

LETTERFILE

Mary C. Argo
10414 Eaglewood
Overland, MO 63146
January 6, 1993

RECEIVED
JAN 12 1993
MISSOURI PUBLIC SERVICE COMMISSION

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

EX-92-299

Dear Commissioners:

This letter is written testimony concerning Electric Utility Resource Planning.

I endorse MoPirg's proposal that you direct electric utilities to invest at least 4.5% of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a electric utility is to boost consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5% spending rule proposed by MoPIRG.

For a change let's do what is right, not only for the vast majority of our citizens but also for our physical environment, rather than improving the financial positions of a few upper level managers and a few large stockholders.

Sincerely,

Mary C. Argo

Mary C. Argo

FILED
JAN 12 1993
MISSOURI
PUBLIC SERVICE COMMISSION

JOHN R. ARGO
11718 Westport Crossing Drive
St. Louis, MO 63146
(314) 432-1055

January 6, 1993

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

JAN 12 1993

EX-92299

Dear Commissioners:

This letter is written testimony concerning Electric Utility Resource Planning.

I endorse MoPirg's proposal that you direct electric utilities to invest at least 4.5% of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a electric utility is to boost consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5% spending rule proposed by MoPIRG.

For a change let's do what is right, not only for the vast majority of our citizens but also for our physical environment, rather than improving the financial positions of a few upper level managers and a few large stockholders.

Sincerely,


John R. Argo

FILED
JAN 12 1993
MISSOURI
PUBLIC SERVICE COMMISSION

LIBBY Y. MILLS
1336 GLENSTONE
MARYLAND HEIGHTS, MO 63043
JAN 13 1993

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

EX-92-299

Dear Commissioners:

This letter is written testimony concerning Electric Utility Resource Planning.

I endorse MoPirg's proposal that you direct electric utilities to invest at least 4.5% of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a electric utility is to boost consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5% spending rule proposed by MoPIRG.

For a change let's do what is right, not only for the vast majority of our citizens but also for our physical environment, rather than improving the financial positions of a few upper level managers and a few large stockholders.

Sincerely,



Libby Y. Mills

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MISSOURI
PUBLIC SERVICE COMMISSION

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NOV 30 1992

728 Trinity Ave.
St. Louis, MO 63130
MISSOURI PUBLIC SERVICE COMMISSION

November 25, 1992

EX-92-299

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

Dear Commissioners:

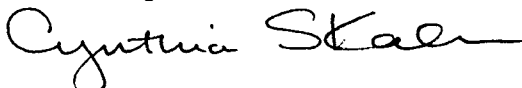
This letter is written testimony concerning Electric Utility Resource Planning.

I endorse MoPIRG's proposal that you direct electric utilities to invest at least 4.5% of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a electric utility is to boost consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5% spending rule proposed by MoPIRG.

Sincerely,



Cynthia S. Kahn

FILED
NOV 30 1992
MISSOURI
PUBLIC SERVICE COMMISSION

MS. GLORIA R. AUBUCHON
2845 DEVONSHIRE DR.
FLORISSANT, MO 63033

EX-92-299

Missouri Public Service Commission

P.O. Box 360

Jefferson City Mo. 65101

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NOV 18 1992

NOV 19 1992

Dear Commissioners

MISSOURI
PUBLIC SERVICE COMMISSION
CUSTOMER SERVICES
OFFICE OF THE COMMISSIONER

This letter is written testimony concerning Electric
Utility Resource Planning.

I endorse MoPIRG's proposal that you direct
electric utilities to invest at least 4.5% of their
gross annual Missouri revenues in energy
efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But
even the best process needs a goal. If the goal of a
electric utility is to boost consumption of electricity,
the utility could follow your resource planning
process and still not invest a penny in energy
efficiency or renewable energy.

Missouri needs this investment, both to protect the environ-
ment and to create local jobs. Therefore, I support the
4.5% spending rule proposed by MoPIRG.

Sincerely

Gloria Aubuchon

Barbara R. Hilker
1606 Boone Drive
St. Charles, MO 63303

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NOV 4 1992

November 2, 1992

Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

MO. PUBLIC SERVICE COMMISSION

EX-92-299

Subject: Electric Utility Resource Planning

Dear Commissioners:

I endorse the proposal the Missouri Public Interest Research Group (MoPIRG) recommends; your directing electric utilities to invest 4.5% (or more) of their gross annual Missouri revenues into energy efficiency and renewable energy measures.

I support this proposal because I believe we should leave a place better than we found it, especially for generations to come after us. It would also be more cost efficient to put into place measures that protect our environment now, before it gets worse and even more costly.

I favor the Public Service Commission writing resource plan rules, with the electric utilities following the resource planning process, and investing in energy efficiency and renewable energy.

In conclusion, I strongly back the 4.5% spending rule proposed by MoPIRG. Missouri needs this investment, both to protect the environment, and to develop jobs in Missouri.

Sincerely

Barbara R. Hilker

Barbara R. Hilker

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NOV 4 1992
MISSOURI
PUBLIC SERVICE COMMISSION

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AUG 12 1992

CUSTOMER SERVICES
MISSOURI PUBLIC SERVICE COMMISSION

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AUG 12 1992

MO. PUBLIC SERVICE COMMISSION

340 W. Argonne Dr.
Kirkwood, Missouri 63122

August 10, 1992

Missouri Public Service Commission
P.O. Box 360
Jefferson City, Missouri 65102

EX-92-299

Dear Commissioners:

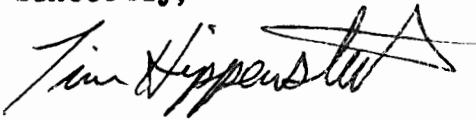
This letter is written testimony concerning Electric Utility Resource planning.

I endorse MoPIRG's proposal that you direct electric utilities to invest at least 4.5% of their gross annual Missouri revenues in energy efficiency and renewable energy measures.

I support the PSC effort to write resource plan rules. But even the best process needs a goal. If the goal of a electric utility is to boost consumption of electricity, the utility could follow your resource planning process and still not invest a penny in energy efficiency or renewable energy.

Missouri needs this investment, both to protect the environment and to create local jobs. Therefore, I support the 4.5% spending rule proposed by MoPIRG.

Sincerely,



Tim Hippensteel

FILED

OCT 13 1992

MISSOURI
PUBLIC SERVICE COMMISSION

Form 9

Folder #2

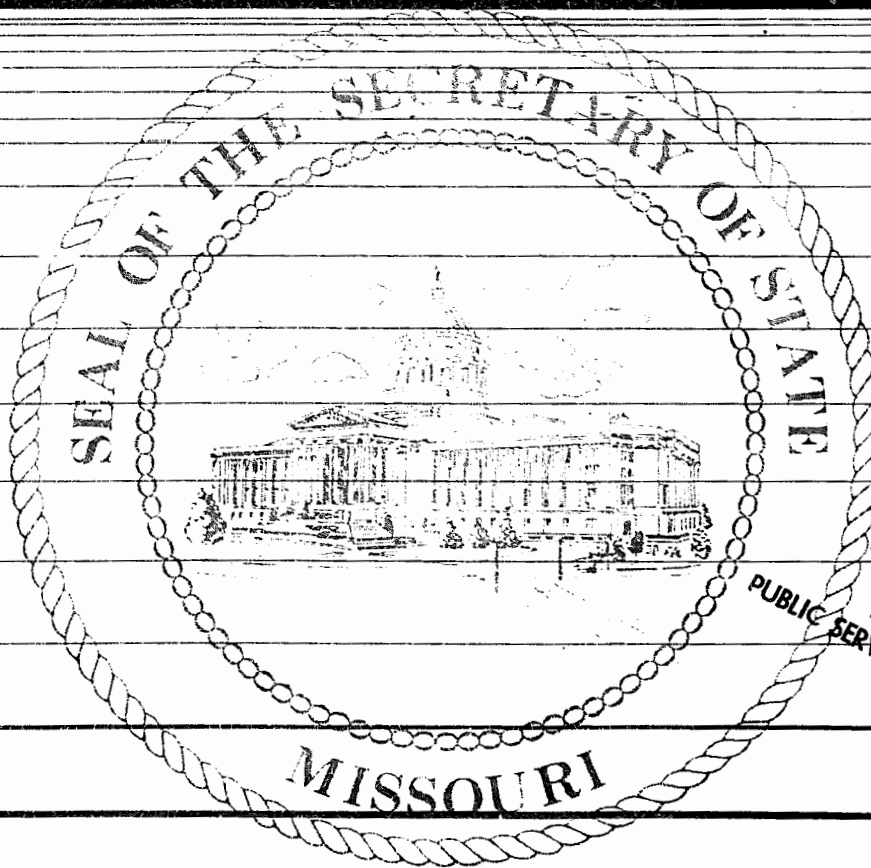
STATE OF MISSOURI
PUBLIC SERVICE COMMISSION

28. Reply Comments of the League of Women Voters of Missouri	8/31/92
29. Reply Comments of ARMCO, Inc.	8/31/92
30. Comments of the Department of Natural Resources	8/31/92
31. Reply Comments of the Staff of the Missouri Public Service Commission In Support of The Proposed Rules, Amendments, and Recission	8/31/92
32. Reply Comments of Armco, Inc	8/31/92
33. Reporters Hearing Sheet	9/18/92
34. Order of Rulemaking with Sec'y. of State	12-8-92
35. Missouri Register of JAN. 4, 1993	1/5/93
36. 4 CSR	3/29/93
37. FISCAL NOTES	7/28/95
38. MISSOURI REGISTER OF AUG 15, 1995	8/16/95

Missouri Register

EX-92-299

Volume 20, Number 17
Special Edition—Fiscal Notes
Pages 3125—3620
August 15, 1995



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AUG 16 1995
MISSOURI
PUBLIC SERVICE COMMISSION

Rebecca McDowell Cook

Secretary of State

Fiscal Notes

4 CSR 200-3.020	Discontinuing and Reopening Programs of Practical Nursing	Special Edition	This Issue
4 CSR 200-3.030	Change of Sponsorship of Programs of Practical Nursing	Special Edition	This Issue
4 CSR 200-3.035	Multiple Campuses	Special Edition	This Issue
4 CSR 200-3.040	Program Changes Requiring Board Approval, Notification, or Both	Special Edition	This Issue
4 CSR 200-3.060	Faculty	Special Edition	This Issue
4 CSR 200-3.080	Clinical Facilities Used by the Educational Unit	Special Edition	This Issue
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4 CSR 200-3.120	Publications	Special Edition	This Issue
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4 CSR 200-5.010	Definitions	Special Edition	This Issue
4 CSR 200-6.010	Intravenous Fluid Treatment Administration	Special Edition	This Issue
State Board of Podiatry			
4 CSR 230-1.020	Board Member Compensation	August 9, 1995	20 MoReg 2761
4 CSR 230-2.010	Application for Licensure by Examination	August 9, 1995	20 MoReg 2762
4 CSR 230-2.020	Professional Conduct Rules	August 9, 1995	20 MoReg 2764
4 CSR 230-2.030	Annual License Renewal	August 9, 1995	20 MoReg 2765
4 CSR 230-2.041	Public Complaint Handling and Disposition Procedure	August 9, 1995	20 MoReg 2767
4 CSR 230-2.050	Reciprocity	August 9, 1995	20 MoReg 2768
4 CSR 230-2.065	Temporary Licenses for Internship/Residency	August 9, 1995	20 MoReg 2770
4 CSR 230-2.070	Fees	August 9, 1995	20 MoReg 2772
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