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OF COUNSEL
RICHARD T. CIOTTONE

June 8, 2001

FILED²

JUN 8 2001

Missouri Public
Service Commission

Mr. Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102

Re: UtiliCorp United Inc., d/b/a Missouri Public Service

ER-2001-672

Dear Mr. Roberts:

On behalf of UtiliCorp United Inc., ("UtiliCorp") d/b/a Missouri Public Service, ("MPS") I deliver herewith for filing with the Missouri Public Service Commission an original and three (3) copies of certain tariff sheets consisting of revised electric rate schedules which are designed to increase MPS's gross annual electric revenues by approximately \$49,352,769, exclusive of applicable franchise and occupational taxes. The rate schedules bear a date of issue of June 8, 2001, an effective date of July 9, 2001.

Enclosed you will also find a letter from Gary L. Clemens, MPS's Manager-Regulatory Services, which sets forth a list of the rate schedules being filed and explains the purpose of the filing. Also included with Mr. Clemens's letter is the information required by 4 CSR 240-10.070(3)(B).

Also enclosed for filing, in accordance with 4 CSR 240-2.065(1), please find an original and eight (8) copies of the direct testimony and schedules of the MPS witnesses who are listed in Mr. Clemens's letter. Included is both a Highly Confidential ("HC") and public ("NP") version of the direct testimony of MPS witness Stephen L. Ferry.

Finally, pursuant to 4 CSR 240-2.085(2), enclosed please find an original and eight (8) copies of a Motion for Protective Order.

Copies of this entire filing will be provided this date to the Commission's General Counsel


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and to the Office of the Public Counsel.

Would you please bring this filing to the attention of the appropriate Commission personnel and see that a copy of all correspondence, notices, orders and other communications in connection with this matter and proceeding are furnished to Mr. Clemens as well as to the undersigned counsel.

Thank you very much for your assistance.

Very truly yours,



James C. Swearingen

JCS/lar

Enclosures

cc: Missouri Public Service Commission General Counsel
Office of the Public Counsel
Gary L. Clemens

June 8, 2001

UTILICORP UNITED

Mr. Dale Hardy Roberts
Secretary/Chief Regulatory Law Judge
Missouri Public Service Commission
Governor State Office Building
P.O. Box 360
Jefferson City, MO 65102-0360

Gary L. Clemens
Manager
Regulatory Affairs

FILED³

JUN 08 2001

Missouri Public
Service Commission

RE: UtiliCorp United Inc., d/b/a/ Missouri Public Service

Dear Mr. Roberts:

ER-2001-672

Enclosed for filing with the Missouri Public Service Commission ("Commission") on behalf of UtiliCorp United Inc. ("UtiliCorp"), d/b/a Missouri Public Service ("MPS"), please find an original and three copies of revised electric rate schedules designed to increase MPS's gross annual electric revenues by approximately \$49,352,769 exclusive of franchise and occupational taxes. Certain of the Schedules also propose changes to MPS's electric rules and regulations.

The primary reason for this filing is to recover the higher prices of fuel used to generate power, the cost of purchased power and the investment in system improvements that are required to provide safe and reliable service to MPS's customers.

The enclosed revised rate schedules, listed below, each have an issue date of June 8, 2001 and an effective date of July 9, 2001.

PSC Mo. No. 2, Electric Rates

4th Revised Sheet No. 2, cancelling 3rd Revised Sheet No. 2
4th Revised Sheet No. 3, cancelling 3rd Revised Sheet No. 3
4th Revised Sheet No. 4, cancelling 3rd Revised Sheet No. 4
4th Revised Sheet No. 6, cancelling 3rd Revised Sheet No. 6
3rd Revised Sheet No. 7, cancelling 2nd Revised Sheet No. 7
4th Revised Sheet No. 9, cancelling 3rd Revised Sheet No. 9
4th Revised Sheet No. 10, cancelling 3rd Revised Sheet No. 10
4th Revised Sheet No. 12, cancelling 3rd Revised Sheet No. 12
4th Revised Sheet No. 13, cancelling 3rd Revised Sheet No. 13
3rd Revised Sheet No. 15, cancelling 2nd Revised Sheet No. 15
4th Revised Sheet No. 16, cancelling 3rd Revised Sheet No. 16
4th Revised Sheet No. 17, cancelling 3rd Revised Sheet No. 17
4th Revised Sheet No. 19, cancelling 3rd Revised Sheet No. 19

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4th Revised Sheet No. 21, cancelling 3rd Revised Sheet No. 21
4th Revised Sheet No. 22, cancelling 3rd Revised Sheet No. 22
4th Revised Sheet No. 23, cancelling 3rd Revised Sheet No. 23
4th Revised Sheet No. 24, cancelling 3rd Revised Sheet No. 24
4th Revised Sheet No. 25, cancelling 3rd Revised Sheet No. 25
4th Revised Sheet No. 26, cancelling 3rd Revised Sheet No. 26
3rd Revised Sheet No. 27, cancelling 2nd Revised Sheet No. 27
3rd Revised Sheet No. 28, cancelling 2nd Revised Sheet No. 28
3rd Revised Sheet No. 29, cancelling 2nd Revised Sheet No. 29
4th Revised Sheet No. 30, cancelling 3rd Revised Sheet No. 30
4th Revised Sheet No. 31, cancelling 3rd Revised Sheet No. 31
3rd Revised Sheet No. 32, cancelling 2nd Revised Sheet No. 32
3rd Revised Sheet No. 33.1, cancelling 2nd Revised Sheet No. 33.1
4th Revised Sheet No. 34, cancelling 3rd Revised Sheet No. 34
5th Revised Sheet No. 37, cancelling 4th Revised Sheet No. 37
3rd Revised Sheet No. 37.1, cancelling 2nd Revised Sheet No. 37.1
3rd Revised Sheet No. 40, cancelling 2nd Revised Sheet No. 40
3rd Revised Sheet No. 41, cancelling 2nd Revised Sheet No. 41
2nd Revised Sheet No. 48, cancelling 1st Revised Sheet No. 48
4th Revised Sheet No. 49, cancelling 3rd Revised Sheet No. 49
2nd Revised Sheet No. 50, cancelling 1st Revised Sheet No. 50
1st Revised Sheet No. 66, cancelling Original Sheet No. 66
2nd Revised Sheet No. 68, cancelling 1st Revised Sheet No. 68
1st Revised Sheet No. 70, cancelling Original Sheet No. 70
1st Revised Sheet No. 73, cancelling Original Sheet No. 73
1st Revised Sheet No. 74, cancelling Original Sheet No. 74

PSC Mo. No. 2, Electric Rules and Regulations

4th Revised Sheet No. R-2, cancelling 3rd Revised Sheet No. R-2
2nd Revised Sheet No. R-15, cancelling 1st Revised Sheet No. R-15
2nd Revised Sheet No. R-28, cancelling 1st Revised Sheet No. R-28
3rd Revised Sheet No. R-35, cancelling 2nd Revised Sheet No. R-35
3rd Revised Sheet No. R-36, cancelling 2nd Revised Sheet No. R-36
3rd Revised Sheet No. R-37, cancelling 2nd Revised Sheet No. R-37
2nd Revised Sheet No. R-39, cancelling 1st Revised Sheet No. R-39
4th Revised Sheet No. R-40, cancelling 3rd Revised Sheet No. R-40
3rd Revised Sheet No. R-41, cancelling 2nd Revised Sheet No. R-41

Page 3
June 8, 2001

Under the revised rate schedules, the monthly billing for a residential customer using 1,000 kwh per month would increase approximately \$14 per month.

Also enclosed for filing with the Commission, please find an original and eight copies of the information required pursuant to 4 CSR 240-10.070 (3) (B), and an original and eight copies of the direct testimony and schedules of the following MPS witnesses in compliance with 4 CSR 240-2.065(1):

Gary L. Clemens
Stephen L. Ferry
Beverlee R. Agut
Allison K. Moten
Angela D. Hattley
Renee E. Tokic
Lisa A. Starkebaum
Robert D. Adkins
J. Matt Tracy
John C. Dunn
Vern J. Siemek

Two copies of this filing will be provided to the Office of the Public Counsel and two copies will be provided to the Commission's General Counsel.

Sincerely,



Gary Clemens
Manager-Regulatory Services

GLC:tdl
Enclosures

cc: Office of the Public Counsel (2)
Commission General Counsel (2)

P.S.C. MO. No.

2

4th

(Final)

SHEET NO.

2

Cancelling P.S.C. MO. No.

2

3rd

(Revised)

(Original)

(Revised)

SHEET NO.

2

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule RESRESIDENTIAL SERVICE
ELECTRICAVAILABILITY

This schedule is available to single family residences, individually metered living units in multiple occupancy buildings, and private rooming houses for all residential uses of electric service including lighting, cooking, house heating, water heating, refrigeration, air conditioning, household appliances, and ordinary domestic uses. The maximum size motor permitted on this rate schedule is ten (10) horsepower. This rate schedule is for single-phase service.

A "residential" ("domestic") customer under this residential rate classification is a customer who purchases electricity for "domestic use." "Domestic use" under this rate classification includes that portion of electricity which is ultimately consumed at a single-family or individually metered multiple-family dwelling, and shall apply to all such purchases regardless of whether the customer is the ultimate consumer.

This schedule is intended to satisfy the provisions of Section 144.030(23) RSMo by establishing and maintaining a system and rate classification of "residential" to cause the residential sales and purchases of electricity under this rate schedule to be considered as sales for domestic use.

Where a portion of a residence unit is used for non-residential purposes, the appropriate general service schedule is applicable to all service. However, if the wiring is arranged so that the service for residential purposes and for non-residential purposes can be metered separately, this schedule will be applied to the residential service. Service to hotels, recognized rooming or boarding houses or to the halls, basement or other common use portions of an apartment building will not be supplied under this schedule.

MONTHLY RATE FOR RESIDENTIAL GENERAL USE (CIS+ RATE CODE MO860)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$7.84 per month	\$7.84 per month
Energy Charge		
First 600 kWh	\$0.0818 per kWh	\$0.0818 per kWh
Next 400 kWh	\$0.0841 per kWh	\$0.0560 per kWh
Excess kWh	\$0.0884 per kWh	\$0.0560 per kWh

P.S.C. MO. No.

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4th

(Original)

SHEET NO.

3

Cancelling P.S.C. MO. No.

2

3rd

(Revised)

(Original)

SHEET NO.

3

(Revised)

**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule RES**RESIDENTIAL SERVICE (CONTINUED)
ELECTRIC**

The following will apply when electric space heating has been permanently installed as the primary source of heat for the entire residential premise.

MONTHLY RATE FOR RESIDENTIAL ELECTRIC SPACE HEATING (CIS+ RATE CODE MO870)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$7.84 per month	\$7.84 per month
Energy Charge		
First 600 kWh	\$0.0818 per kWh	\$0.0818 per kWh
Next 400 kWh	\$0.0841 per kWh	\$0.0442 per kWh
Excess kWh	\$0.0884 per kWh	\$0.0366 per kWh

DEFINITION OF SUMMER AND WINTER BILLING PERIOD

The four summer months shall be defined as the four monthly billing periods of June through September. The eight winter months shall be defined as the eight monthly billing periods of October through May.

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the customer charge.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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4th

(Original)

SHEET NO.

4

Cancelling P.S.C. MO. No.

2

3rd

(Revised)

(Original)

SHEET NO.

4

(Revised)

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule SGSSMALL GENERAL SERVICE
ELECTRICAVAILABILITY

This schedule is available for all general service use. Customers receiving service at more than one voltage level will be treated as multiple customers for billing purposes.

This rate is not available for standby, breakdown, supplementary, interruptible, maintenance or resale service.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominally 120/240 volt firm electric service, provided from the Missouri Public Service secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction or may be made available at additional charge at 2,400, 12,470, or 24,900 nominal volts. Primary service may be served from Missouri Public Service's 69,000 volt or 34,500 volt systems, at Missouri Public Service's option, through Missouri Public Service owned transformation. The customer may request contractual service from the 69,000 volt or 34,500 volt systems, if such systems are available at the customer's point of delivery without additional construction, and the customer provides transformation.

MONTHLY RATE FOR CUSTOMERS WITHOUT DEMAND METER (CIS+ RATE CODE MO710)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$13.37 per month	\$13.37 per month
Energy Charge		
Base Energy	\$0.0991 per kWh	\$0.0822 per kWh
Seasonal Energy	\$0.0991 per kWh	\$0.0318 per kWh

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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4th

(Original)
(Revised)
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SHEET NO.

6

Cancelling P.S.C. MO. No.

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SHEET NO.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule SGSSMALL GENERAL SERVICE (CONTINUED)
ELECTRICMONTHLY RATE FOR CUSTOMERS WITH DEMAND METERS FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO711)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$13.37 per month	\$13.37 per month
Demand Charge		
Base Billing Demand	\$3.83 per kW	\$2.85 per kW
Seasonal Billing Demand	\$3.83 per kW	\$0.00 per kW
Base Energy Charge		
First 180 hours of use	\$0.0777 per kWh	\$0.0664 per kWh
Next 180 hours of use	\$0.0570 per kWh	\$0.0559 per kWh
Over 360 hours of use	\$0.0453 per kWh	\$0.0453 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0777 per kWh	\$0.0318 per kWh
Next 180 hours of use	\$0.0570 per kWh	\$0.0318 per kWh
Over 360 hours of use	\$0.0453 per kWh	\$0.0318 per kWh

MONTHLY RATE FOR CUSTOMERS WITH DEMAND METER FOR SERVICE AT PRIMARY VOLTAGE (CIS+ RATE CODE MO716)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$13.37 per month	\$13.37 per month
Demand Charge		
Base Billing Demand	\$2.65 per kW	\$1.61 per kW
Seasonal Billing Demand	\$2.65 per kW	\$0.00 per kW
Base Energy Charge		
First 180 hours of use	\$0.0758 per kWh	\$0.0647 per kWh
Next 180 hours of use	\$0.0556 per kWh	\$0.0545 per kWh
Over 360 hours of use	\$0.0442 per kWh	\$0.0442 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0758 per kWh	\$0.0310 per kWh
Next 180 hours of use	\$0.0556 per kWh	\$0.0310 per kWh
Over 360 hours of use	\$0.0442 per kWh	\$0.0310 per kWh

P.S.C. MO. No.

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SHEET NO.

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Cancelling P.S.C. MO. No.

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SHEET NO.

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(Revised)

**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule SGS**SMALL GENERAL SERVICE (CONTINUED)
ELECTRIC****ANNUAL BASE DEMAND (FOR CIS+ RATE CODES MO711 AND MO716)**

The annual base demand shall be the lesser of (a) 100% of the customer's billing demand during the preceding May billing month or (b) 100% of the customer's billing demand during the preceding October billing month, or (c) 65% of the maximum billing demand established during the preceding four summer billing months. Missouri Public Service will determine the annual base demand each year prior to the October billing month to be used for the following twelve billing months. Missouri Public Service will estimate the annual base demand for customers who have insufficient billing history.

MONTHLY BASE BILLING DEMAND AND SEASONAL BILLING DEMAND (FOR CIS+ RATE CODES MO711 AND MO716)

Monthly billing demand for customers with demand meters shall be the customer's maximum 15-minute integrated demand measured during the current billing period. The monthly seasonal billing demand shall be the monthly billing demand in excess of the customer's annual base demand. The monthly base billing demand shall be the monthly billing demand in excess of the customer's monthly seasonal billing demand.

MONTHLY BASE ENERGY AND SEASONAL ENERGY (FOR CIS+ RATE CODES MO711 AND MO716)

The customer's energy usage during the month shall be apportioned to the base energy and seasonal energy in the same proportion as the customer's monthly base billing demand and seasonal billing demand. The monthly base energy and seasonal energy shall be apportioned to the hours of use rate blocks based on the monthly base billing demand and seasonal billing demand.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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SHEET NO.

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Cancelling P.S.C. MO. No.

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(Revised)

SHEET NO.

9

**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule LGS**LARGE GENERAL SERVICE
ELECTRIC**AVAILABILITY

This schedule is available for all general service use.

All service will be provided through one (set of) compound watt-hour and demand meter(s) for each delivery point. A delivery point is defined as the point of metering from which the customer receives service from Missouri Public Service's secondary or primary distribution system. Customers receiving service at more than one voltage level will be treated as multiple customers for billing purposes.

This rate is not available for standby, breakdown, supplementary, maintenance or resale service.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominally 120/240 volt firm electric service, provided from the Missouri Public Service's secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction or may be made available at additional charge at 2,400, 12,470, or 24,900 nominal volts. Primary service may be served from Missouri Public Service's 69,000 volt or 34,500 volt systems, at Missouri Public Service's option, through Missouri Public Service owned transformation. The customer may request contractual service from the 69,000 volt or 34,500 volt systems, if such systems are available at the customer's point of delivery without additional construction, and the customer provides transformation.

MONTHLY RATE FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO720)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$52.10 per month	\$52.10 per month
Demand Charge		
Base Billing Demand	\$3.84 per kW	\$2.66 per kW
Seasonal Billing Demand	\$3.84 per kW	\$0.00 per kW

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 24th

(Original)

SHEET NO. 10Cancelling P.S.C. MO. No. 23rd

(Revised)

(Original)

SHEET NO. 10

(Revised)

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule LGSLARGE GENERAL SERVICE (CONTINUED)
ELECTRICMONTHLY RATE FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO720) (CONTINUED)

	<u>Summer</u>	<u>Winter</u>
Base Energy Charge		
First 180 hours of use	\$0.0726 per kWh	\$0.0531 per kWh
Next 180 hours of use	\$0.0531 per kWh	\$0.0446 per kWh
Over 360 hours of use	\$0.0423 per kWh	\$0.0423 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0726 per kWh	\$0.0318 per kWh
Next 180 hours of use	\$0.0531 per kWh	\$0.0318 per kWh
Over 360 hours of use	\$0.0423 per kWh	\$0.0318 per kWh

MONTHLY RATE FOR SERVICE AT PRIMARY VOLTAGE (CIS+ RATE CODE MO725)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$52.10 per month	\$52.10 per month
Demand Charge		
Base Billing Demand	\$2.66 per kW	\$1.61 per kW
Seasonal Billing Demand	\$2.66 per kW	\$0.00 per kW
Base Energy Charge		
First 180 hours of use	\$0.0707 per kWh	\$0.0519 per kWh
Next 180 hours of use	\$0.0519 per kWh	\$0.0436 per kWh
Over 360 hours of use	\$0.0413 per kWh	\$0.0413 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0707 per kWh	\$0.0310 per kWh
Next 180 hours of use	\$0.0519 per kWh	\$0.0310 per kWh
Over 360 hours of use	\$0.0413 per kWh	\$0.0310 per kWh

DEFINITION OF SUMMER AND WINTER BILLING PERIOD

The four summer months shall be defined as the four monthly billing periods of June through September. The eight winter months shall be defined as the eight monthly billing periods of October through May.

HOURS OF USE

The kWh of energy usage per kW of demand.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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4th

(Original)

SHEET NO.

12

Cancelling P.S.C. MO. No.

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3rd

(Revised)

(Original)

SHEET NO.

12

(Revised)

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule LPSLARGE POWER SERVICE
ELECTRICAVAILABILITY

This schedule is available for all nonresidential use.

All service will be provided through one (set of) compound watt-hour and demand meter(s) for each delivery point. A delivery point is defined as the point of metering from which the customer receives service from Missouri Public Service's secondary or primary distribution system. Customers receiving service at more than one voltage level will be treated as multiple customers for billing purposes.

This rate is not applicable for standby, breakdown, supplementary, maintenance or resale service.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominally 120/240 volt firm electric service, provided from the Missouri Public Service's secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction or may be made available at additional charge at 2,400, 12,470, or 24,900 nominal volts. Primary service may be served from Missouri Public Service's 69,000 volt or 34,500 volt systems, at Missouri Public Service's option, through Missouri Public Service owned transformation. The customer may request contractual service from the 69,000 volt or 34,500 volt systems, if such systems are available at the customer's point of delivery without additional construction, and the customer provides transformation.

MONTHLY RATE FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO730)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$141.07 per month	\$141.07 per month
Demand Charge		
Base Billing Demand	\$7.73 per kW	\$5.64 per kW
Seasonal Billing Demand	\$7.73 per kW	\$0.00 per kW

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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4th

(Original)

SHEET NO.

13

Cancelling P.S.C. MO. No.

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3rd

(Revised)

SHEET NO.

13

(Original)

(Revised)

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule LPSLARGE POWER SERVICE (CONTINUED)
ELECTRICMONTHLY RATE FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO730) (CONTINUED)

	<u>Summer</u>	<u>Winter</u>
Base Energy Charge		
First 180 hours of use	\$0.0616 per kWh	\$0.0409 per kWh
Next 180 hours of use	\$0.0406 per kWh	\$0.0367 per kWh
Over 360 hours of use	\$0.0324 per kWh	\$0.0324 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0616 per kWh	\$0.0318 per kWh
Next 180 hours of use	\$0.0406 per kWh	\$0.0318 per kWh
Over 360 hours of use	\$0.0324 per kWh	\$0.0318 per kWh

MONTHLY RATE FOR SERVICE AT PRIMARY VOLTAGE (CIS+ RATE CODE MO735)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$141.07 per month	\$141.07 per month
Demand Charge		
Base Billing Demand	\$6.44 per kW	\$4.13 per kW
Seasonal Billing Demand	\$6.44 per kW	\$0.00 per kW
Base Energy Charge		
First 180 hours of use	\$0.0602 per kWh	\$0.0400 per kWh
Next 180 hours of use	\$0.0394 per kWh	\$0.0358 per kWh
Over 360 hours of use	\$0.0317 per kWh	\$0.0317 per kWh
Seasonal Energy Charge		
First 180 hours of use	\$0.0602 per kWh	\$0.0310 per kWh
Next 180 hours of use	\$0.0394 per kWh	\$0.0310 per kWh
Over 360 hours of use	\$0.0317 per kWh	\$0.0310 per kWh

DEFINITION OF SUMMER AND WINTER BILLING PERIOD

The four summer months shall be defined as the four monthly billing periods of June through September. The eight winter months shall be defined as the eight monthly billing periods of October through May.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. _____

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3rd

(Original)

SHEET NO. _____

15

Cancelling P.S.C. MO. No. _____

2

2nd

(Revised)

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SHEET NO. _____

15

**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule LPS**LARGE POWER SERVICE (CONTINUED)
ELECTRIC****REACTIVE DEMAND ADJUSTMENT**

Missouri Public Service shall determine customer's maximum reactive demand in kVar. Each month a charge or credit of \$0.33 shall be made for each kVar by which the maximum reactive demand is respectively, greater or less than 50% of customer's maximum kW demand for that month, provided, that the number of kVar for which credit is given shall not be more than 50% of the customer's maximum kW demand in that month.

The reactive demand adjustment will be based on the ratio of the customer's maximum monthly 15-minute reactive demand in kVar to the customer's maximum kW demand for the billing period.

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the customer charge plus the monthly demand charge.

RULES AND REGULATIONS

Service will be furnished under and this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include franchise, occupational or sales taxes. The Missouri Public Service "Tax and License Rider" is applicable to all service and charges under this schedule.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

2

4th

(Original)

SHEET NO.

16

Cancelling P.S.C. MO. No.

2

3rd

(Revised)

SHEET NO.

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(Original)

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule SCSSCHOOL AND CHURCH SERVICE
ELECTRICAVAILABILITY

This schedule is available to all nonprofit schools and churches. This schedule is not available to living quarters, offices, or other residential or commercial property owned by nonprofit school and church organizations. This rate schedule is frozen as of June 29, 1993. No new customers will be added to this rate schedule after June 29, 1993.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominally 120/240 volt firm electric service, provided from the Missouri Public Service's secondary distribution system. Three-phase secondary service shall be available where three-phase facilities are available without additional construction or may be made available at additional charge at voltages not exceeding 480 volts. Three-phase primary distribution service shall be available where primary distribution facilities are available without additional construction or may be made available at additional charge at 2,400, 12,470, or 24,900 nominal volts. Primary service may be served from Missouri Public Service's 69,000 volt or 34,500 volt systems, at Missouri Public Service's option, through Missouri Public Service owned transformation. The customer may request contractual service from the 69,000 volt or 34,500 volt systems, if such systems are available at the customer's point of delivery without additional construction, and the customer provides transformation.

MONTHLY RATE FOR SERVICE AT SECONDARY VOLTAGE (CIS+ RATE CODE MO740)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$13.37 per month	\$13.37 per month
Energy Charge		
Base Energy	\$0.0858 per kWh	\$0.0712 per kWh
Seasonal Energy	\$0.0858 per kWh	\$0.0366 per kWh

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule SCSSCHOOL AND CHURCH SERVICE (CONTINUED)
ELECTRICMONTHLY RATE FOR SERVICE AT PRIMARY VOLTAGE (CIS+ RATE CODE MO745)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$13.37 per month	\$13.37 per month
Energy Charge		
Base Energy	\$0.0836 per kWh	\$0.0694 per kWh
Seasonal Energy	\$0.0836 per kWh	\$0.0356 per kWh

DEFINITION OF SUMMER AND WINTER BILLING PERIOD

The four summer months shall be defined as the four monthly billing periods of June through September. The eight winter months shall be defined as the eight monthly billing periods of October through May.

ANNUAL BASE ENERGY

The annual base energy shall be the lesser of (a) 100% of the customer's measured energy during the preceding May billing month or (b) 100% of the customer's measured energy during the preceding October billing month, or (c) 65% of the maximum measured energy established during the preceding four summer billing months. Missouri Public Service will determine the annual base energy each year prior to the October billing month to be used for the following twelve billing months. Missouri Public Service will estimate the annual base energy for customers who have insufficient billing history.

MONTHLY BASE ENERGY AND SEASONAL ENERGY

Monthly seasonal energy shall be the customer's monthly measured energy in excess of the customer's annual base energy. The monthly base energy shall be the measured energy in excess of the monthly seasonal energy.

DEMAND METERS

When energy usage of the customer exceeds 5,400 kWh per month or Missouri Public Service has reason to believe that the customer's demand exceeds 30 kW regardless of the energy usage, Missouri Public Service shall install a demand meter.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule RTDRESIDENTIAL SERVICE TIME-OF-DAY
ELECTRICAVAILABILITY

This schedule is available to all residential customers at their request. The customer agrees to provide access to a telephone line for transmitting data from the meter. All customers accepting service under this schedule must remain on this schedule for at least one year.

CHARACTER OF SERVICE

Alternating current at approximately 60 Hertz, single-phase and at such voltage as Missouri Public Service may have available for the service required.

BILLING PERIODS

	<u>Summer</u>	<u>Winter</u>
<u>Weekdays</u>		
Peak	1:00 PM - 8:00 PM	7:00 AM - 10:00 PM
Shoulder	6:00 AM - 1:00 PM	
Shoulder	8:00 PM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	10:00 PM - 7:00 AM
<u>Weekends</u>		
Shoulder	6:00 AM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	All hours

MONTHLY RATE (CIS+ RATE CODE MO600)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$14.02 per month	\$14.02 per month
Energy Charge		
Peak	\$0.1508 per kWh	\$0.0968 per kWh
Shoulder	\$0.0838 per kWh	
Off-Peak	\$0.0503 per kWh	\$0.0387 per kWh

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(Revised)MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule GTDGENERAL SERVICE TIME-OF-DAY
ELECTRICAVAILABILITY

This schedule is available to all general service customers at their request. The customer agrees to provide access to a telephone line for transmitting data from the meter. All customers accepting service under this schedule must remain on this schedule for at least one year.

This rate is not available for standby, breakdown, supplementary, maintenance or resale service.

CHARACTER OF SERVICE

Alternating current at approximately 60 Hertz, single-phase or three-phase service and at such voltage as Missouri Public Service may have available for the service required.

BILLING PERIODS

	<u>Summer</u>	<u>Winter</u>
<u>Weekdays</u>		
Peak	1:00 PM - 8:00 PM	7:00 AM - 10:00 PM
Shoulder	6:00 AM - 1:00 PM	
Shoulder	8:00 PM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	10:00 PM - 7:00 AM
<u>Weekends</u>		
Shoulder	6:00 AM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	All hours

MONTHLY RATE FOR SINGLE-PHASE SERVICE (CIS+ RATE CODE MO610)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$18.84 per month	\$18.84 per month
Energy Charge		
Peak	\$0.1578 per kWh	\$0.1023 per kWh
Shoulder	\$0.0877 per kWh	
Off-Peak	\$0.0526 per kWh	\$0.0409 per kWh

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule GTDGENERAL SERVICE TIME-OF-DAY (CONTINUED)
ELECTRICMONTHLY RATE FOR SINGLE-PHASE SERVICE WITH DEMAND CHARGE (CIS+ RATE CODE MO620)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$18.84 per month	\$18.84 per month
Peak Demand Charge	\$8.06 per kW	\$0.00 per kW
Energy Charge		
Peak	\$0.0964 per kWh	\$0.0804 per kWh
Shoulder	\$0.0535 per kWh	
Off-Peak	\$0.0321 per kWh	\$0.0321 per kWh

Single-phase customers have the option of being served on either CIS+ rate code MO610 or CIS+ rate code MO620 regardless of whether or not they have a demand meter installed at their premise.

MONTHLY RATE FOR THREE-PHASE SERVICE WITH SECONDARY VOLTAGE (CIS+ RATE CODE MO630)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$63.05 per month	\$63.05 per month
Peak Demand Charge	\$8.06 per kW	\$0.00 per kW
Energy Charge		
Peak	\$0.0964 per kWh	\$0.0804 per kWh
Shoulder	\$0.0535 per kWh	
Off-Peak	\$0.0321 per kWh	\$0.0321 per kWh

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule GTDGENERAL SERVICE TIME-OF-DAY (CONTINUED)
ELECTRICMONTHLY RATE FOR THREE-PHASE SERVICE WITH PRIMARY VOLTAGE (CIS+ RATE CODE MO640)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$63.05 per month	\$63.05 per month
Peak Demand Charge	\$5.49 per kW	\$0.00 per kW
Energy Charge		
Peak	\$0.0940 per kWh	\$0.0783 per kWh
Shoulder	\$0.0522 per kWh	
Off-Peak	\$0.0313 per kWh	\$0.0313 per kWh

MONTHLY BILLING DEMAND

Monthly billing demand for customers on CIS+ rate codes MO620, MO630 and MO640 shall be the customer's maximum 15-minute integrated demand measured during the Peak billing periods of the month.

DEMAND METERS

When energy usage of the customer exceeds 5,400 kWh per month or Missouri Public Service has reason to believe that the customer's demand exceeds 30 kW regardless of the energy usage, Missouri Public Service shall install a demand meter.

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the customer charge.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to, Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

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**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule MWP**MUNICIPAL WATER PUMPING AND SPECIAL STREET LIGHTING SERVICE
ELECTRIC**AVAILABILITY

This schedule is available for municipal water pumping service and special street lighting service to all cities, communities, counties, home owners associations, or other entities in which Missouri Public Service sells electricity. Such street lighting service shall be for only new street lighting systems installed, owned, and maintained by any of the above entities. This rate schedule is frozen as of June 29, 1993. No new customers will be added to this rate schedule after June 29, 1993.

MONTHLY RATE (CIS+ RATE CODE MO800)

First 150 kWh used for \$10.33

Excess kWh used at \$0.0686 per kWh

MINIMUM MONTHLY BILL

The minimum monthly bill shall be \$10.33.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

Service for street lighting purposes under this schedule shall be available only by contract and at points designated by Missouri Public Service. Such points of service shall be at Missouri Public Service's existing distribution system and at the available distribution secondary voltage. At Missouri Public Service's option when known street lighting loads are connected, Missouri Public Service may estimate monthly consumptions instead of metering at each point of delivery.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule MPRMUNICIPAL PARK AND RECREATION SERVICE
ELECTRICAVAILABILITY

This schedule is available to communities served by Missouri Public Service at retail electric service for lighting and power for municipal parks use for recreational purposes, for sewage disposal plants and sewage lift stations. This schedule is available for single-phase and three-phase service under provisions of Missouri Public Service Rules and Regulations. This rate schedule is frozen as of June 29, 1993. No new customers will be added to this rate schedule after June 29, 1993.

MONTHLY RATE

All kWh used at \$0.0872 per kWh.

MINIMUM MONTHLY BILL(CIS+ RATE CODE MO810)

Minimum bill per month for single-phase service is \$8.29.

(CIS+ RATE CODE MO811)

Minimum bill per month for three-phase service is \$27.65.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule MSLMUNICIPAL STREET LIGHTING SERVICE
ELECTRICAVAILABILITY

This schedule is available to communities and cities (referred to herein as cities) within their corporate limits for street lighting installations where street lighting service is rendered on Missouri Public Service's standard street lighting contract and where Missouri Public Service has an electrical distribution system available. Where conditions of service are different than under said standard street lighting contract, Missouri Public Service may require an additional facilities contract to compensate Missouri Public Service for any added services or costs.

This schedule shall also apply to all lighting units installed, replaced, or moved on or after the effective date hereof.

	Annual Rate (1) Per Unit
<u>Incandescent:</u>	<u>Overhead Wiring</u>
1000 L, open fixture, wood pole	\$ 62.16
2500 L, open fixture, wood pole	\$104.45
4000 L, enclosed fixture, wood pole	\$123.94
4000 L, enclosed fixture, steel pole	\$148.20
6000 L, enclosed fixture, wood pole	\$151.81
6000 L, enclosed fixture, steel pole	\$182.16

(1) See "Adders for Additional Facilities" on Sheet No. 29 for charges to be made for additional facilities.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule MSLMUNICIPAL STREET LIGHTING SERVICE (CONTINUED)
ELECTRIC

	Annual Rate (1)	
	Overhead Wiring	Underground Wiring
<u>Mercury Vapor</u>		
3300 L, M.V., open glassware, wood pole, (\$5.00 less where fixture may be installed on an existing distribution pole)	\$ 73.50	\$108.44
7700 L, M.V., open glassware, wood pole, (\$5.00 less where fixture may be installed on an existing distribution pole)	\$ 98.15	\$133.10
7700 L, M.V., open glassware, steel pole	\$122.46	\$157.38
7700 L, M.V., streamlined fixture, wood pole	\$112.72	\$147.68
7700 L, M.V., streamlined fixture, steel pole	\$136.99	\$171.94
10500 L, M.V., enclosed fixture, wood pole	\$130.81	\$165.71
10500 L, M.V., enclosed fixture, steel pole	\$155.05	\$190.02
21000 L, M.V., enclosed fixture, wood pole	\$162.12	\$197.05
21000 L, M.V., enclosed fixture, steel pole	\$186.36	\$221.30
21000 L, Fluorescent, enclosed fixture, steel pole	\$271.81	N/A
54000 L, M.V., enclosed fixture, wood pole	\$306.66	\$341.62
54000 L, M.V., enclosed fixture, steel pole	\$330.91	\$365.86

(1) See "Adders for Additional Facilities" on Sheet No. 29 for charges to be made for additional facilities.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule MSLMUNICIPAL STREET LIGHTING SERVICE (CONTINUED)
ELECTRIC

	Annual Rate (1) Per Unit	
	Overhead Wiring	Underground Wiring
<u>High Pressure Sodium Vapor - Unalux</u>		
12000 L, 150 W, S.V., Open glassware, wood pole (\$5.00 less where fixture may be installed on an existing distribution pole)	\$122.35	\$157.29
12000 L, 150 W, S.V., open glassware, steel pole	\$146.64	\$181.56
12000 L, 150 W, S.V., streamlined fixture, wood pole	\$136.91	\$171.87
12000 L, 150 W, S.V., streamlined fixture, steel pole	\$161.19	\$196.12
36000 L, 360 W, S.V., enclosed fixture, wood pole	\$184.76	\$219.67
36000 L, 360 W, S.V., enclosed fixture, steel pole	\$208.98	\$243.93
36000 L, 360 W, S.V., twin enclosed fixtures, 65 foot wood pole (2)	\$480.33	\$550.19
<u>High Pressure Sodium Vapor - Lucalox</u>		
5000 L, 70 W, S.V., enclosed fixture, wood pole	\$134.24	\$169.18
5000 L, 70 W, S.V., enclosed fixture, steel pole	\$158.51	\$193.49
5000 L, 70 W, S.V., open fixture, wood pole	\$119.49	\$154.42
5000 L, 70 W, S.V., open fixture, steel pole	\$143.75	\$178.72
8000 L, 100 W, S.V., enclosed fixture, wood pole	\$136.56	\$171.49
8000 L, 100 W, S.V., enclosed fixture, steel pole	\$160.83	\$195.80
8000 L, 100 W, S.V., open fixture, wood pole	\$122.55	\$157.50
8000 L, 100 W, S.V., open fixture, steel pole	\$146.83	\$181.80
13500 L, 150 W, S.V., enclosed fixture, wood pole	\$142.23	\$177.17
13500 L, 150 W, S.V., enclosed fixture, steel pole	\$166.50	\$201.47
13500 L, 150 W, S.V., open fixture, wood pole	\$128.58	\$163.52
13500 L, 150 W, S.V., open fixture, steel pole	\$152.84	\$187.81
25500 L, 250 W, S.V., enclosed fixture, wood pole	\$161.22	\$196.15
25500 L, 250 W, S.V., enclosed fixture, steel pole	\$185.51	\$220.46
50000 L, 400 W, S.V., enclosed fixture, wood pole	\$191.58	\$226.51
50000 L, 400 W, S.V., enclosed fixture, steel pole	\$215.75	\$250.77

(1) See "Adders for Additional Facilities" on Sheet No. 29 or charges to be made or additional facilities.

(2) Available only under special contract.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule MSLMUNICIPAL STREET LIGHTING SERVICE (CONTINUED)
ELECTRICADDERS FOR ADDITIONAL FACILITIESANNUAL RATE PER UNIT

		<u>Overhead</u>	<u>Underground</u>
		<u>Wiring</u>	<u>Wiring</u>
a.	Wood pole and one span of wire in addition to the pole supporting the fixture, per unit per year.	\$16.19	N/A
b.	Steel pole and one span of overhead wire in addition to the pole supporting the fixture, per unit per year.	\$46.55	N/A
c.	Break away bases for steel poles - each.	\$25.62	\$ 25.62
d.	Rock removal per foot per year. This charge shall not apply if customer supplies the ditch and back fills or furnishes conduit in place to Missouri Public Service specifications. Rock removal referred to in this adder shall be for removal of rock that cannot be dug with conventional chain ditch-digging equipment.	N/A	\$ 1.82
e.	Special mounting heights:		
	30 ft. (requiring 35 ft. wood pole or 30 ft. steel)	\$15.74	\$ 53.43
	35 ft. (requiring 40 ft. wood pole or 35 ft. steel)	\$42.66	\$ 78.09
	40 ft. (requiring 45 ft. wood pole or 40 ft. steel)	\$47.19	\$122.10
	50 ft. (requiring 55 ft. wood pole or 50 ft. steel)	\$85.35	\$272.20

TERMS OF PAYMENT

Customers' monthly bills will be computed at the net rates and will be based on one-twelfth (1/12th) the annual charge. Monthly bills will be computed to the nearest one cent.

RULES AND REGULATIONS

Service will be furnished under Missouri Public Service Rules and Regulations and the special Rules and Regulations on Sheet No. 33.

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SHEET NO. 30

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule PALPRIVATE AREA LIGHTING SERVICE
ELECTRICAVAILABILITY

This schedule is available to customers for area lighting outside the corporate limits of cities served by Missouri Public Service and also inside the corporate limits of cities served with electricity, provided the lighting is on private property as permitted by the city or when the city gives Missouri Public Service authority to install such area lighting on the city's property. Customers other than cities will be required to sign an MPS 245 - Area Lighting Service Application and Agreement for area lights before service will be provided.

Annual Rate
Per Unit (1)
Overhead Wiring

7700 L, M.V., open glassware, wood pole, (\$5.00 less where fixture may be installed on an existing distribution pole)	\$106.22
7700 L, M.V., open glassware, steel pole	\$144.72
7700 L, M.V., streamlined fixture, wood pole	\$122.46
7700 L, M.V., streamlined fixture, steel pole	\$160.88
10500 L, M.V., enclosed fixture, wood pole	\$142.93
10500 L, M.V., enclosed fixture, steel pole	\$181.35
21000 L, M.V., enclosed fixture, wood pole	\$182.33
21000 L, M.V., enclosed fixture, steel pole	\$218.77
54000 L, M.V., enclosed fixture, wood pole	\$306.66
54000 L, M.V., enclosed fixture, steel pole	\$330.91

(1) See "Adders for Additional Facilities" on Sheet No. 32 for charges to be made for additional facilities.

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SHEET NO.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule PALPRIVATE AREA LIGHTING SERVICE (CONTINUED)
ELECTRIC

	Annual Rate Per Unit (1) Overhead Wiring
<u>High Pressure Sodium Vapor - Unalux</u>	
12000 L, 150 W, S.V., open glassware, wood pole, (\$5.00 less where fixture may be installed on an existing distribution pole)	\$130.44
12000 L, 150 W, S.V., open glassware, steel pole	\$168.90
12000 L, 150 W, S.V., streamlined fixture, wood pole	\$146.64
12000 L, 150 W, S.V., streamlined fixture, steel pole	\$185.07
36000 L, 360 W, S.V., enclosed fixture, wood pole	\$204.94
36000 L, 360 W, S.V., enclosed fixture, steel pole	\$241.37
<u>High Pressure Sodium Vapor - Lucalox</u>	
25500 L, 250 W, S.V., enclosed fixture, wood pole	\$173.37
25500 L, 250 W, S.V., enclosed fixture, steel pole	\$211.80
50000 L, 400 W, S.V., enclosed fixture, wood pole	\$211.79
50000 L, 400 W, S.V., enclosed fixture, steel pole	\$248.23
<u>Directional Floodlighting</u>	
<u>High Pressure Sodium Vapor - Lucalox</u>	
27500 L, 250 W, S.V., enclosed fixture, existing wood pole	\$323.50
27500 L, 250 W, S.V., enclosed fixture, wood pole required	\$339.69
50000 L, 400 W, S.V., enclosed fixture, existing wood pole	\$364.57
50000 L, 400 W, S.V., enclosed fixture, wood pole required	\$380.75
140000 L, 1000 W, S.V., enclosed fixture, existing wood pole	\$615.48
140000 L, 1000 W, S.V., enclosed fixture, wood pole required	\$631.68
<u>Metal Halide</u>	
20,500 L, 250 W, M.H., enclosed fixture, existing wood pole	\$348.43
20,500 L, 250 W, M.H., enclosed fixture, wood pole required	\$364.62
20,500 L, 250 W, M.H., enclosed fixture, steel pole required	\$401.03
36,000 L, 400 W, M.H., enclosed fixture, existing wood pole	\$372.57
36,000 L, 400 W, M.H., enclosed, fixture, wood pole required	\$388.74
36,000 L, 400 W, M.H., enclosed fixture, steel pole required	\$425.16
110,000 L, 1000 W, M.H., enclosed fixture, existing wood pole	\$631.48
110,000 L, 1000 W, M.H., enclosed fixture, wood pole required	\$647.67
110,000 L, 1000 W, M.H., enclosed fixture, steel pole required	\$684.09

(1) See "Adders for Additional Facilities" on Sheet No. 32 for charges to be made for additional facilities. All fixtures must be pole mounted.

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SHEET NO. 32

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule PALPRIVATE AREA LIGHTING SERVICE (CONTINUED)
ELECTRICADDERS FOR ADDITIONAL FACILITIES

<u>Description</u>	<u>Annual Rate</u> <u>Per Unit</u>	
	<u>Overhead</u> <u>Wiring</u>	<u>Underground</u> <u>Wiring</u>
a. Wood pole and one span of wire in addition to the pole supporting the fixture, per unit per year.	\$16.19	N/A
b. Steel pole and one span of overhead wire in addition to the pole supporting the fixture, per unit per year.	\$52.60	N/A
c. Underground wiring for private lighting under parkway per foot per year in excess of that for overhead wiring.	N/A	\$.51
d. Underground wiring for private lighting under concrete per foot per year in excess of that for overhead wiring.	N/A	\$ 2.33
e. Break away bases for steel poles - each.	\$25.62	\$25.62
f. Rock removal per foot per year.*	N/A	\$ 1.82

*This charge shall not apply if customer supplies the ditch and back fills or furnishes conduit in place to Missouri Public Service specifications.

Rock removal referred to in this adder shall be for removal of rock that cannot be dug with conventional chain ditch-digging equipment.

TERMS OF PAYMENT

Customer's monthly bills will be computed at the net rates and will be based on one-twelfth (1/12th) the annual charge. Monthly bills will be computed to the nearest one cent.

RULES AND REGULATIONS

Service will be furnished under Missouri Public Service Rules and Regulations and the special Rules and Regulations on Sheet No. 33.

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SHEET NO.

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**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**

FOR: All Territory Supplied Electric Service On Schedules MSL and PAL

**NON-STANDARD STREET AND AREA LIGHT FACILITIES
ELECTRIC**AVAILABILITY

This schedule is available to all customers, otherwise qualified to receive service under the Municipal Street Lighting Service Schedule (Schedule MSL) or the Private Area Lighting Service Schedule (Schedule PAL), that desire to have non-standard lighting facilities installed and maintained by Missouri Public Service or desire to purchase, own, install and maintain non-standard lighting facilities for which Missouri Public Service provides unmetered energy service.

MISSOURI PUBLIC SERVICE OWNED FACILITIES

Missouri Public Service will purchase, install, own and maintain non-standard, decorative or ornamental street or private area lights where customer agrees to a monthly charge (rate adder) in addition to the monthly charge for an equivalent standard light. An equivalent standard light is a light contained on Schedule MSL or Schedule PAL that is the same size (in lumens and watts) and same type (high pressure sodium vapor, metal halide, etc.) as the non-standard light. The rate adder shall be calculated as 1.5 percent of the difference between the installed cost of the non-standard light and the installed cost of the equivalent standard light. The monthly charge shall be the sum of the rate adder and the monthly charge for the equivalent standard light.

CUSTOMER OWNED FACILITIES

Where the customer agrees to purchase, install, own and maintain street or area lights, Missouri Public Service will provide unmetered energy only service to those lights. The rate for unmetered energy only service shall be \$0.0442 per Kwh per month. The energy consumption in Kwh for billing purposes shall be assumed to be the same as the energy consumption of an equivalent standard light as defined above.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: Special Contract
Rate Schedule MMCMODINE MANUFACTURING COMPANY
ELECTRICAVAILABILITY

This schedule is available to Modine Manufacturing Company for secondary service on an annual basis for lighting, heating or power per contract entered into August 11, 1972 and revised on April 3, 1979.

Billing is based on the rates shown below, or as subsequently revised and approved by the Missouri Public Service Commission.

MONTHLY RATE (CIS+ RATE CODE MO919)

First 1,000 kWh used at \$0.0736 per kWh
Next 2,000 kWh used at \$0.0657 per kWh
Next 7,000 kWh used at \$0.0580 per kWh
Next 40,000 kWh used at \$0.0505 per kWh
Over 50,000 kWh used at \$0.0464 per kWh

MINIMUM MONTHLY BILL

The minimum monthly bill shall be \$47.06.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule TESTHERMAL ENERGY STORAGE PILOT PROGRAM
ELECTRICAVAILABILITY

This schedule is available for electric service when used for thermal storage equipment to provide space conditioning requirements. Thermal storage equipment as defined herein must incorporate storage mediums of water, ice, or other phase change materials and would normally utilize loads of chillers, boilers, pumps or fans. The customer agrees to provide Missouri Public Service access to a telephone line suitable for transmitting data from the meter.

This pilot program is not available for residential, standby, breakdown, supplementary, maintenance or resale service. Missouri Public Service reserves the right to approve all customers receiving service under this rate schedule based on the customer's ability to demonstrate they can reduce their on-peak demand by more than 50 kW per a feasibility study. This pilot program will not be available to new customers subsequent to September 12, 1997.

CHARACTER OF SERVICE

Alternating current at approximately 60 Hertz, three-phase service and at such voltage as Missouri Public Service may have available for the service required.

BILLING PERIODS

	<u>Summer</u>	<u>Winter</u>
<u>Weekdays</u>		
Peak	1:00 PM - 8:00 PM	7:00 AM - 10:00 PM
Shoulder	6:00 AM - 1:00 PM	
Shoulder	8:00 PM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	10:00 PM - 7:00 AM
<u>Weekends</u>		
Shoulder	6:00 AM - 10:00 PM	
Off-Peak	10:00 PM - 6:00 AM	All hours

MONTHLY RATE FOR SECONDARY VOLTAGE (CIS+ RATE CODE MO650)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$152.02 per month	\$152.02 per month
Demand Charge	\$ 7.73 per kW	\$ 5.64 per kW
Energy Charge		
Peak	\$ 0.0614 per kWh	\$ 0.0345 per kWh
Shoulder	\$ 0.0345 per kWh	
Off-Peak	\$ 0.0310 per kWh	\$ 0.0310 per kWh

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138FOR: All Territory Served by Missouri Public Service
Rate Schedule TESTHERMAL ENERGY STORAGE PILOT PROGRAM (CONTINUED)
ELECTRICMONTHLY RATE FOR PRIMARY VOLTAGE (CIS+ RATE CODE MO660)

	<u>Summer</u>	<u>Winter</u>
Customer Charge	\$152.02 per month	\$152.02 per month
Demand Charge	\$ 6.44 per kW	\$ 4.13 per kW
Energy Charge		
Peak	\$ 0.0614 per kWh	\$ 0.0345 per kWh
Shoulder	\$ 0.0345 per kWh	
Off-Peak	\$ 0.0310 per kWh	\$ 0.0310 per kWh

DEFINITION OF SUMMER AND WINTER BILLING PERIOD

The four summer months shall be defined as the four monthly billing periods occurring June through September. The eight winter months shall be defined as the eight monthly billing periods occurring October through May.

MONTHLY BILLING DEMAND

Monthly billing demand shall be the customer's maximum 15-minute integrated demand measured in the peak billing period during the billing month.

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the customer charge.

RULES AND REGULATIONS

Service will be furnished under, and this schedule shall be subject to, Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include any franchise or occupational tax. The Missouri Public Service "Tax and License Rider" is applicable to all charges under this schedule.

This rate schedule is considered a pilot program and Missouri Public Service may, by subsequent filing, limit the availability, modify, or eliminate this rate option as additional information is gathered regarding thermal energy storage technology.

MONETARY INCENTIVES

Monetary incentives may be available in limited and specified amounts as indicated on Sheet No. 57.

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**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138****FOR: All Territory Served by Missouri Public Service
Rate Schedule IGP****SPECIAL ISOLATED GENERATING PLANT ELECTRIC SERVICE (CONTINUED)
ELECTRIC****MONTHLY BILLING**

Billing under this schedule will consist of:

(1) capacity charge; (2) excess capacity charge; (3) energy charge; (4) local facilities charge; (5) reactive demand adjustment; and (6) any applicable taxes and franchise payment.

CAPACITY CHARGE

The capacity charge shall be \$6.44 per kW per month times the capacity reserved by the customer but not less than \$6,410.11 per month. If any service is furnished prior to the execution of the contract by the customer, it will be billed on the amount of his total connected load.

EXCESS CAPACITY CHARGE

All capacity delivered to the customer in excess of the contracted amount will be billed at \$8.24 per kW per month. Such a charge will continue the next eleven months following the month in which the demand is established unless a new higher excess demand is established in which case such higher demand will be used for billing purposes and will also continue for the following eleven consecutive months.

ENERGY CHARGE

All kWh used at \$0.0457 per kWh.

LOCAL FACILITIES CHARGE

The monthly charge for local facilities will be computed by multiplying 20% times such investment estimated by Missouri Public Service divided by 12.

MINIMUM MONTHLY BILL

The minimum monthly bill shall be the charge for the amount of capacity contracted for or the connected load capacity, plus any excess capacity charge and local facilities charge, but in no event shall it be less than \$6,410.11.

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**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**FOR: All Territory Served by Missouri Public Service
Rate Schedule IGP**SPECIAL ISOLATED GENERATING PLANT ELECTRIC SERVICE (CONTINUED)
ELECTRIC**REACTIVE DEMAND ADJUSTMENT

Missouri Public Service shall determine customer's maximum reactive demand in kVar. Each month a charge or credit of \$0.33 shall be made for each kVar by which the maximum reactive demand is respectively, greater or less than 50% of customer's maximum kW demand for that month, provided, however, that the number of kVar for which credit is given shall not be more than 50% of the customer's maximum kW demand in that month.

The reactive demand adjustment will be based on the ratio of the customer's maximum monthly 15-minute reactive demand in kVar to the customer's maximum kW demand in that month.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

CURTAILMENT RIDER (CONTINUED)
ELECTRICCURTAILMENT CREDIT

The customer's monthly bill during the four (4) summer month curtailment period shall receive a curtailment credit of \$5.59 for each kilowatt (kW) of curtailable load established under contract.

SPECIAL CONDITIONS

The following conditions apply to any customer applying for service under this Rider.

1. Firm Power Level. The customer's firm power level, as contracted, shall be at least two hundred fifty kilowatts (250 kW) less than the customer's average monthly maximum demand for the four (4) summer billing months in each of the three (3) years immediately preceding the contract date. Missouri Public Service reserves the right to implement a test curtailment to confirm the firm power level for the customer. For a new customer, having less than twelve (12) summer months of established load, Missouri Public Service reserves the right to establish the firm power level by other means agreeable to both parties. The firm power level is not uninterruptible and is provided on the same basis as power provided to all other customers not on this Rider.
2. Firm Power Level Modifications. The customer may change the firm power level upon one hundred fifty (150) days' written notice to Missouri Public Service. After the initial curtailment season any increase in the customer's firm power level shall not exceed twenty percent (20%) of the level established by the most recent curtailment season, but the minimum curtailable load shall continue to be not less than two hundred fifty kilowatts (250 kW).
3. Notification Procedures. Missouri Public Service shall give the customer at least a four (4) hour advance notice of a curtailment request by telephone or by facsimile (fax), before the start time of the curtailment. All such notifications shall be transmitted to one of two designated phone numbers provided by the customer. It

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FOR: All Territory Served by Missouri Public Service

CURTAILMENT RIDER (CONTINUED)
ELECTRIC

shall be the customer's responsibility to ensure that the curtailment request so transmitted reaches the person(s) responsible for implementing the curtailment.

4. Curtailment Limits. During any calendar year and any one summer curtailment season, Missouri Public Service shall use its best efforts to ensure that curtailments shall not exceed twenty (20) separate occurrences, and each occurrence shall not exceed eight (8) hours in duration and there shall not be more than one (1) curtailment required per week day. The cumulative hours of curtailment shall not exceed one hundred sixty (160) hours in any summer curtailment season.
5. Curtailment Cancellation. Missouri Public Service reserves the right to cancel a scheduled curtailment within one (1) hour of start time, but if the cancellation occurs less than one (1) hour before scheduled start time, the canceled curtailment shall be counted as a separate occurrence of curtailment as if the curtailment had proceeded as scheduled.
6. Penalties. If the customer fails to curtail load to the customer's firm power level as requested by Missouri Public Service, the following additional charges shall apply.
 - a. First Occurrence. A charge of \$16.76 per kW in the month of occurrence, for all kW of load taken in excess of the firm power level and loss of curtailment credit for that billing period.
 - b. Second and Subsequent Occurrences. A charge of \$22.35 per kW in the month of occurrence, for all kW of load taken in excess of the firm power level, plus loss of curtailment credit for that billing period.

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FOR: All Territory Served by Missouri Public Service

CURTAILMENT RIDER (CONTINUED)
ELECTRIC

- c. Contribution to Reserve Margin Deficiency. Should Missouri Public Service's system capacity reserve margin fall below the minimum capacity reserve margin as set forth in the MOKAN Power Pool General Participation Agreement during a period of customer non-compliance with a requested curtailment, the customer shall pay up to an additional \$4.67 for each kW of load taken in excess of the firm power level, for the billing month in which the failure to comply occurred and each subsequent billing month in which the Power Pool imposes upon Missouri Public Service a penalty for that deficiency. The amount of the additional charge to the customer shall be based on the penalty assessed Missouri Public Service by the Power Pool.

Missouri Public Service reserves the right to reduce or waive the above penalties on a nondiscriminatory basis upon customer request and a satisfactory showing of circumstances warranting such action.

7. Test Curtailment. Missouri Public Service reserves the right to implement one test curtailment each summer curtailment season, with all applicable curtailment credit payments and penalty provisions in effect.
8. Emergency Curtailment. Missouri Public Service reserves the right to implement a curtailment of a customer's load to the contractual firm power level during periods of system emergency conditions. A "system emergency" is a situation or a condition affecting either generation or transmission, or both, during which Missouri Public Service anticipates that system capacity cannot serve demand and energy in response to which Missouri Public Service must implement load reduction programs and techniques.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

REAL-TIME PRICE (RTP) PROGRAM (CONTINUED)
ELECTRICMONTHLY RATE (CONTINUED)

$$\text{Incremental Energy Charge} = \sum_h P_h^{\text{RTP}} * (\text{Actual Load}_h - \text{CBL}_h)$$

\sum_h indicates a summation across all hours in the billing month.

Actual Load_h is the customer's actual energy use in the hour (kWh).

CBL_h is the baseline hourly energy use. (See below.)

P_h^{RTP} , the real-time price, is calculated as:

$$P_h^{\text{RTP}} = \alpha * MC_h + (1 - \alpha) * P_h^{\text{STD}}$$

MC_h is the day-ahead forecast of hourly short-run marginal cost of providing energy to Missouri retail customers, including provisions for line losses. Marginal costs include the marginal cost of real power and operating reserves and a proxy for the marginal cost of transmission. (See below for a description of this proxy.)

P_h^{STD} is the hourly effective energy charge of the customer's Standard Tariff Bill, calculated from the applicable standard (non-RTP) price schedule. It is the change in the Standard Tariff Bill due to a change in usage and includes both energy and demand charges.

α is the weight of marginal cost in defining retail price, with value of 0.8 for regular RTP service and 0.95 for RTP Premium service.

Marginal cost of transmission: for service during non holiday, weekday hours of 3 PM through 7 PM during the months of June through August a transmission congestion charge of \$0.0374 /kWh will be applied. (This charge applies only for consumption above the CBL.) These prices apply to the primary voltage level. For customer service at other voltage levels an adjustment for energy loss rate differences will be applied. Since an Independent System Operator (ISO) may come into existence with jurisdiction over MPS's service territory, this tariff component will be subject to revision that comes into force at the effective date of ISO service initiation.

RTP Service Charge = \$233.74 per month for customers whose customer baseline load (CBL) peak demand exceeds 500 kW for three consecutive months.
\$262.95 per month for all other customers.

Reactive Demand Adjustment is the adjustment found in the tariff that served the RTP customer prior to joining RTP. The price of the reactive demand is the current price under that tariff.

CUSTOMER BASELINE LOAD

The customer baseline load (CBL) represents the electricity consumption pattern typical of the RTP customer's operations were they to remain on the standard tariff. The CBL is specific to each individual customer and includes hourly load plus billing aggregates such as peak demand necessary to calculate the base bill under the customer's standard tariff. The CBL is determined in advance of the customer's taking RTP service and is part of the customer's service agreement.

The CBL will be based, whenever possible, on existing load information. Missouri Public Service reserves the right to adjust the CBL to allow for special circumstances. The CBL is used to ensure revenue neutrality on a customer-specific basis, and must be mutually agreed upon by both the customer and Missouri Public Service before service commences. The CBL will be in force for the duration of the customer's RTP service agreement.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

REAL-TIME PRICE (RTP) PROGRAM (CONTINUED)
ELECTRICPRICE QUOTES FOR FIXED QUANTITIES (CONTINUED)

Customer may contract through Missouri Public Service representative for quotes for fixed power levels at pre-specified fixed quantities. Missouri Public Service will solicit bids for power from neighboring suppliers that meet customer's schedule, quantities, and pricing structure. Upon agreement by Customer a transaction fee of \$175.30 per contract will be applied to recover costs to initiate, administer, and bill for hedging services.

All power is delivered and titled to Missouri Public Service and may be directed to meet system emergencies should such a need arise. Reasonable advance notice will be made to Customer and a corresponding credit will be applied to customer's bill in the event of such occurrences.

BILL AGGREGATION SERVICE

Customers will have the choice to aggregate the bills of multiple accounts under the RTP Program for the purposes of the application of the Incremental Energy Charge. Eligible customers will be limited to customers who become active participants in the RTP program who are legally or financially related to one another. The calculation of the aggregated Base Bill will be based on the application of the CBL on a non-aggregated basis for each individual account.

DURATION OF SERVICE AGREEMENT

Each RTP service agreement will be effective for a minimum of one year unless termination is agreed to by both parties.

SERVICE AGREEMENT TERMINATION

Written notice of sixty days in advance must be provided by the customer for termination of the service agreement. Once terminated, readmission will not be allowed for a period of one year. The CBL may be reassessed prior to readmission.

RULES AND REGULATIONS

Service furnished under this schedule shall be subject to Missouri Public Service Rules and Regulations.

The above rate or minimum bill does not include franchise, occupational or sales taxes. The Missouri Public Service "Tax and License Rider" is applicable to all service and charges under this schedule.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

SPECIAL CONTRACT RATE (CONTINUED)
ELECTRICMONTHLY RATE (CONTINUED)

The components of the Contract Bill are defined below.

$$\text{Base Bill} = \text{Standard Tariff Bill} + \beta * (\text{Standard Tariff Bill} - \sum_h (P_h^{\text{RTP}} * \text{CBL}_h))$$

Standard Tariff Bill is the customer baseline load (CBL, defined below) for the billing month, billed under the current prices of the customer's standard tariff, (the tariff under which the customer was billed prior to joining the RTP program). The Standard Tariff Bill excludes the Reactive Demand Adjustment.

β is an adjustment to the Standard Tariff Bill. Missouri Public Service will offer Basic Contract Service with β equal to zero and may offer Premium Contract Service with β equal to 0.05

$$\text{Incremental Energy Charge} = \sum_h P_h^{\text{MCB}} * (\text{Actual Load}_h - \text{CBL}_h)$$

\sum_h indicates a summation across all hours in the billing month.

Actual Load_h is the customer's actual energy use in the hour (kWh).

CBL_h is the baseline hourly energy use. (See below.)

P_h^{MCB} , the marginal cost based price, is calculated as:

$$P_h^{\text{MCB}} = \alpha * MC_h + (1 - \alpha) * P_h^{\text{base}}$$

MC_h is the day-ahead forecast of hourly short-run marginal cost of providing energy to customers, including provisions for line losses. Marginal costs include the marginal cost of real power and operating reserves and a proxy for the marginal cost of transmission. (See below for a description of this proxy.)

P_h^{base} is the average price implicit in the Customer's Base Bill, calculated by dividing the base bill by the usage in the customer baseline load. The price may vary by hour or be fixed across some or all hours of the contract period.

α is the weight of marginal cost in defining retail price, with value of 0.8 for regular Contract service and 0.95 for Premium Contract service.

Marginal cost of transmission: for service during non holiday, weekday hours of 3 PM through 7 PM during the months of June through August a transmission congestion charge of \$0.0374 /kWh will be applied. (This charge applies only for consumption above the CBL.) These prices apply to the primary voltage level. For customer service at other voltage levels an adjustment for energy loss rate differences will be applied. Since an Independent System Operator (ISO) may come into existence with jurisdiction over MPS's service territory, this tariff component will be subject to revision that comes into force at the effective date of ISO service initiation.

Contract Service Charge: \$233.74/ month and includes Administrative and Facilities Charges. Administrative charge equals that of the customer's standard tariff unless modified by the special contract, plus any additional administrative costs attributable to the contract. These charges are to be collected for the duration of the special contract even if the special contract is terminated. Facilities include any costs not otherwise specified. They include the transmission and distribution fees described below, should they be incurred.

Reactive Demand Charge: Reactive Demand Adjustment is the adjustment found in the tariff that served the customer prior to joining the Special Contract Service. The price of the reactive demand is the current price under that tariff.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

VOLUNTARY LOAD REDUCTION RIDER
ELECTRICAVAILABILITY

This Rider is available to any nonresidential Customer, except those on the Real Time Price Program, that has a peak demand in the past 12 months exceeding 500 kW and that has a contract with the Company for service under this Rider. Availability is further subject to the economic and technical feasibility of required metering equipment. The decision to execute a contract with any Customer under this Rider is subject to the sole discretion of the Company. The decision to reduce load upon request of the Company is subject to the sole discretion of each eligible Customer.

CONDITIONS

1. Term of Contract: Contracts under this Rider shall extend from the date the contract is signed until the immediate following September 30 after the date the Customer signs the contract and shall be automatically renewed in one (1) year increments thereafter unless terminated in writing by one party to the other six (6) months in advance of the next September 30. Execution of a contract between the Company and the Customer does not bind the Customer to reduce load in response to any specific Load Reduction request of the Company. However, a Customer's affirmative written response to Load Reduction requests, as described in the Notification Procedure section, determines the Load Reduction periods in which the Company will apply the billing provisions of this Rider for each Customer.
2. Notification Procedure: At its sole discretion, the Company may request that Customers having Voluntary Load Reduction contracts participate in Load Reduction at any time during the year. Since the Company may not need maximum participation in every instance, not all Customers with contracts under this Rider must be notified of any specific Load Reduction request. At the time of requesting a period of Load Reduction, the Company also will notify Customers of the credit value per kWh of Load Reduction. After each request, a Customer desiring to participate in the requested Load Reduction must inform the Company in writing (including either fax or electronic mail) of the Customer's willingness to participate in the Load Reduction. Eligibility for a billing credit under this Rider shall be based upon the Company receiving such written notice within two hours of the time of the Company's request.
3. Previous Daily Peaks: The kW loads (on an average, fixed hourly basis) that the Customer used on the Company's system on the most recent non-holiday weekday on which no Voluntary Load Reduction was requested. Holidays are Memorial Day, Independence Day, and Labor Day, or any day celebrated as such.
4. Credit Amount: The amount of kWh eligible for Load Reduction credit shall be calculated as ninety (90) percent of the Previous Daily Peaks corresponding to the hours of the requested Load Reduction, minus the Customer's actual load in each respective hour, and sum across all hours. If these net kWh values, when multiplied by the credit per kWh, result in a negative total credit value for the billing month, no credit shall be applied to the bill. Credits for performance under this Rider shall appear as a part of the Customer's regular monthly billing and shall be applied before any applicable taxes. All other billing, operational, and related provisions of other applicable rate schedules shall remain in effect. Application of a credit for Voluntary Load Reduction shall be independent of the tariff pricing otherwise applicable.
5. Company Equipment: The Customer shall allow the Company to install and maintain the appropriate metering equipment necessary to ensure compliance under the Rider. Such equipment shall be owned and installed by the Company at no cost to the Customer. The Company may provide Customer with access to software for real-time meter information for \$87.65 per month. The Customer will provide a personal computer, telephone line, modem, and other items or personnel necessary to make use of the software.

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MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Served by Missouri Public Service

VOLUNTARY LOAD REDUCTION RIDER (CONTINUED)
ELECTRIC

FORM OF CONTRACT

This Agreement, made this _____ day of _____, by and between Missouri Public Service, a division of UtiliCorp United Inc., hereinafter referred to as the "Company", and

Customer name

Customer Account #

Address

Customer Contact

Electronic Mail

Telephone

Fax Telephone

Customer Contact (Alternate)

Electronic Mail

Telephone

Fax Telephone

hereinafter referred to as the "Customer".

WITNESSETH:

Whereas, the Company has on file with the Public Service Commission of the State of Missouri (Commission) a certain Voluntary Load Reduction Rider Schedule VLR (Rider), and;

Whereas, the Company has determined that the Customer meets the Availability provisions of the Rider, and;

Whereas, the Customer wishes to take electric service from the Company, and the Company agrees to furnish electric service to the Customer under this Rider and pursuant to all other applicable tariffs of the Company, and;

The Company and Customer agree as follows:

1. Electric Service to the Customer's Facilities shall be pursuant to the Voluntary Load Reduction Rider, all other applicable tariffs, and the Company's General Rules and Regulations Applying to Electric Service, as may be in effect from time to time and filed with the Commission.
2. Contracts under this Rider shall extend from the date the contract is signed until the immediate following September 30 after the date the Customer signs the contract and shall be automatically renewed in one (1) year increments thereafter unless terminated in writing by one party to the other six (6) months in advance of the next September 30. Customer acknowledges that any equipment required, except metering equipment necessary to ensure compliance under the Rider, shall be the obligation of the Customer.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.

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SHEET NO. R-2

Cancelling P.S.C. MO. No.

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SHEET NO. R-2

MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138

FOR: All Territory Supplied Electric Service

RULES AND REGULATIONS
ELECTRIC

Sheet No.

6. METER READING, BILLING, AND COMPLAINT PROCEDURES (Continued)

6.07	Settlement Agreements and Extension Agreements	R-32
6.08	Commission Complaint Procedures.....	R-32
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6.10	Service Extenders	R-34

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7.01	Purpose	R-37.1
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7.03	General Provisions	R-37.3
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7.05	Indeterminate Service	R-37.4
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8. COMPLIANCE WITH RULES AND REGULATIONS

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9. SUMMARY OF TYPES AND AMOUNT OF CHARGES ALLOWED

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FOR: All Territory Supplied Electric Service

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2.06 Cold Weather Rule (Continued)

(3) Initial Payments.

- (a) For a customer who has not defaulted on a payment plan under the Cold Weather Rule, the initial payment shall be the amount of the monthly payment calculated in Section (H) (2) of this Rule.
 - (b) For a customer who has defaulted on a payment plan under the Cold Weather Rule, the initial payment shall be an amount equal to the total of the delinquent installments, unless Missouri Public Service and the customer agree to a lesser amount.
- I. If Missouri Public Service refuses to provide service pursuant to this Rule and the reason for refusal of service involves unauthorized interference, diversion, or use of Missouri Public Service's service situated or delivered on or about the customer's premises, Missouri Public Service shall maintain records concerning the refusal of service which, at a minimum, shall include the name and address of the person denied reconnection, the names of all Missouri Public Service personnel involved in any part of the determination that refusal of service was appropriate, the facts surrounding the reason for the refusal, and any other relevant information.
 - J. The Commission shall recognize and permit recovery of reasonable operating expenses incurred by Missouri Public Service because of this Rule.
 - K. Missouri Public Service may apply for a variance from this Rule by filing an application for variance with the Commission pursuant to the Commission's Rules of procedures.

2.07 Charge for Connecting or Reconnecting Service

- A. If electric service is discontinued for violation of any of the terms or conditions of any service agreement or on account of a delinquent service bill, a charge shall be made to the customer whose service was discontinued to cover the cost of reconnecting service before electric service will be resumed. Such charge shall be based upon actual average costs at applicable regular or overtime wage rates plus transportation and other incidental costs. The minimum charge for discontinuance and reconnection shall be \$30.00 if reconnection is made during regular business hours, and \$55.00 if made after regular business hours. Where service connections are made after regular business hours, the same charge shall apply as for reconnecting service.
- B. Charges in this Section do not cover any extension that may be necessary to provide customer service. Charges for and conditions of extending electric service are included in Section 7 of these Rules.

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**MISSOURI PUBLIC SERVICE
KANSAS CITY, MO 64138**

FOR: All Territory Supplied Electric Service

**RULES AND REGULATIONS
ELECTRIC****6.04 Billing and Payment Standards (Continued)**

- B. Each billing statement rendered by Missouri Public Service shall be computed on the actual usage during the billing period except as follows:
- (1) Missouri Public Service may render a bill based on estimated usage:
 - (a) To seasonally billed customers, provided an appropriate rate tariff is on file with the Commission and an actual reading is obtained before each change in the seasonal cycle.
 - (b) When extreme weather conditions, emergencies, labor agreements, or work stoppages prevent actual meter readings.
 - (c) When Missouri Public Service is unable to obtain access to the customer's premises for the purpose of reading the meter or when the customer makes reading the meter unnecessarily difficult. If Missouri Public Service is unable to obtain an actual meter reading for these reasons, where practicable it shall undertake reasonable alternatives to obtain a customer reading of the meter, such as mailing or leaving postpaid, preaddressed postcards upon which the customer may note the reading unless the customer requests otherwise.
 - (2) Missouri Public Service shall not render a bill based on estimated usage for more than three (3) consecutive billing periods or one (1) year, whichever is less, except under conditions described in Section 6.04 (B) (1).
 - (3) Under no circumstances shall Missouri Public Service render a bill based on estimated usage:
 - (a) Unless the estimating procedures employed by Missouri Public Service and any substantive changes to those procedures have been approved by the Commission.
 - (b) As a customer's initial or final bill for service unless conditions beyond the control of Missouri Public Service prevent an actual meter reading.
 - (4) When Missouri Public Service renders an estimated bill in accordance with these Rules, it shall:
 - (a) Maintain accurate records of the reasons for the estimate and the effort made to secure an actual reading.
 - (b) Clearly and conspicuously note on the bill that it is based on estimated usage.
 - (c) Use customer-supplied readings, whenever possible, to determine usage.
 - (5) When Missouri Public Service underestimates a customer's usage, the customer shall be given the opportunity, if requested, to make payment in installments.
- C. If Missouri Public Service is unable to obtain an actual meter reading for three (3) consecutive billing periods, Missouri Public Service shall advise the customer by first class mail or personal delivery that the bills being rendered are estimated, that estimation may not reflect the actual usage, and that the customer may read and report electric usage to Missouri Public Service on a regular basis. The procedure by which this reading and reporting may be initiated shall be explained. Missouri Public Service shall attempt to secure an actual meter reading from customers reporting their own usage at least annually. These attempts shall include personal contact with the customer to advise the customer of the regular meter reading day. Missouri Public Service may offer appointments for reading meters on Saturday or prior to 9:00 p.m. on weekdays. Where special appointments are arranged for reading meters, Missouri Public Service may charge the customer \$20.00 for the excess cost of the meter reading out of normal meter reading sequence or \$30.00 for meter readings that are outside of normal business hours. Discontinuance of the service of a customer who is reading and reporting usage on a regular basis because of inability to secure an actual meter reading shall not be required.

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FOR: All Territory Supplied Electric Service

RULES AND REGULATIONS
ELECTRIC

9. SUMMARY OF TYPES AND AMOUNT OF CHARGES ALLOWED

<u>Section</u>	<u>Type of Charge</u>	<u>Amount of Charge</u>
2.04 (G)	Security Deposits	
	New Customer	One-sixth of annual billing
	Standard	Two times highest billing
2.07 (A)	Connecting or Reconnecting Charge	
	Regular Business Hours	Avg. rate plus transportation, plus other incidental costs
	Overtime	Avg. rate plus transportation, plus other incidental costs
	Minimum-Regular Business Hours	Minimum \$30.00
	Minimum-Overtime	Minimum \$55.00
2.08 (B)	Temporary Service, Up and Down Costs	Actual cost less salvage
4.02 (B)	Meter Tampering	All associated costs
4.03 (B)	<u>Clearances Safety Code Violations</u>	
	Notice to Customer	Correct condition at customer's expense
	Violation Not Corrected	Missouri Public Service to correct condition and bill customer for all costs
4.08	Relocation of Missouri Public Service Facilities	Contribution for any part of the estimated cost that cannot be supported by any additional revenue resulting from the relocation
5.01 (D)	Demand Meter Contact Signals	Contribution-investment cost of providing such signals, plus related monthly operating costs
5.04	Billing Adjustments	Varies by type and period to be adjusted depending upon revenue class
6.04 (C)	Special Meter Reading Appointments	
	Other Than Normal Read Date	\$20.00
	Outside of Normal Business Hours	\$30.00
6.09	Late Payment Charge	1½% on unpaid bill
7.06	Temporary, 10 Amp, Self Contained Meter Set, Residential Construction	Minimum \$116.87
7.11 (A2)	Excess Service Line Length	\$2.95 per foot

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MISSOURI PUBLIC SERVICE
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FOR: All Territory Supplied Electric Service

RULES AND REGULATIONS
ELECTRIC

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BEFORE THE PUBLIC SERVICE COMMISSION OF THE
STATE OF MISSOURI

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B)

FOR
MISSOURI PUBLIC SERVICE, A DIVISION OF
UTILICORP UNITED INC.

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 1

ITEM 1 – AGGREGATE ANNUAL INCREASE

The aggregate annual increase over current revenues which the tariffs propose is \$49,352,769 which is an overall increase of 16.86% on a Pro Forma Basis.

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 2

ITEM 2 – NAMES OF COUNTIES AND COMMUNITIES AFFECTED BY
PROPOSED ELECTRIC RATE INCREASE

COUNTIES

PAGE 1 OF 2

Barton	Harrison
Bates	Henry
Benton	Jackson
Buchanan	Johnson
Carroll	Lafayette
Cass	Mercer
Cedar	Pettis
Clay	Platte
Clinton	Ray
Dade	St. Clair
Daviess	Vernon
Grundy	

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 2

ITEM 2 – NAMES OF COUNTIES AND COMMUNITIES AFFECTED BY
PROPOSED ELECTRIC RATE INCREASE

PAGE 2 OF 2

COMMUNITIES

Adrian	Edgerton	Lamar Heights	Osceola
Amoret	Edinburg	La Monte	Peculiar
Amsterdam	Farley	Laredo	Platte City
Appleton City	Faucett	Latour	Pleasant Hill
Archie	Ferrelview	Lee's Summit	Raymore
Bates City	Fleming	Leeton	Raytown
Belton	Foster	Levasy	Richards
Blairstown	Freeman	Lexington	Richmond
Blue Springs	Garden City	Liberty	Ridgeway
Blythedale	Glenaire	Lincoln	Rockville
Brimson	Grain Valley	Lock Springs	Roscoe
Bronaugh	Grandview	Lone Jack	Schell City
Brownington	Grayson	Lowry City	Sedalia
Buckner	Green Ridge	Martinsville	Sheldon
Burgess	Greenwood	Merwin	Sibley
Cainsville	Gunn City	Metz	Smithville
Calhoun	Hannon	Milford	Spickard
Camden	Hardin	Mill Grove	Strasburg
Camden Point	Harrisonville Rural	Milo	Swanwick
Centerview	Harwood	Missouri City	Tarsney Lake
Chilhowee	Henrietta	Modena	Tindall
Chula	Holden	Montrose	Tracy
Clinton	Horton	Montserrat	Trenton
Cole Camp	Hume	Moundville	Trimble
Concordia	Iantha	Mt. Moriah	Unity
Creighton	Ionia	Myrick	Urich
Dearborn	Irwin	Napoleon	Walker
Deepwater	Jamesport	Nashua	Warrensburg
Deerfield	Jerico Springs	Nevada	Warsaw
Dover	Kansas City	New Hampton	Waterloo
Drexel	Kingsville	New Market	Wellington
Dunlap	Knob Noster	Norborne	Weston
Eagleville	Lake Lotawana	Oak Grove	Windsor
East Lynne	Lake Tapawingo	Orrick	Worland
	Lake Winnebago		

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 3

ITEM 3 – NUMBER OF CUSTOMERS AFFECTED BY PROPOSED ELECTRIC
RATE INCREASE

<u>Rate</u>	<u>Number of Customers December 31, 2000</u>
Residential General Use	146,244
Residential Electric Space Heating	35,248
Small General Service	24,857
Large General Service	20
Large Power Service	114
School and Church Service	1,011
Municipal Water Pumping	202
Municipal Parks & Recreation	285
Street and Private Area Lighting	12,739
General Service Time-of-Day	4
Thermal Energy Storage	1
Real Time Pricing	11
Special Contract	3
Interdepartmental	<u>36</u>
Total	220,775

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 4

ITEM 4 – The average increase in dollars and the percentages over the current rate for all customer classifications base on 2001 projected sales are as follows:

Line No.	Sheet No.	Schedule No.	Annualized Revenue	Proposed Revenue	Proposed Increase	
	(A)	(B)	(C)	(D)	Amount (E)	Percent (F)
1	2	860	\$115,239,623	\$134,679,058	\$19,439,435	16.9%
2	3	870	\$40,531,254	\$47,368,353	\$6,837,099	16.9%
3	62	GRN	\$1,703	\$1,703	\$0	0.0%
4	4	710	\$12,709,499	\$14,853,427	\$2,143,928	16.9%
5	6	711	\$32,694,843	\$38,210,040	\$5,515,197	16.9%
6	6	716	\$318,538	\$372,272	\$53,733	16.9%
7	16	740	\$3,197,991	\$3,737,451	\$539,460	16.9%
8	9	720	\$36,524,888	\$42,686,164	\$6,161,276	16.9%
9	10, 17	725	\$1,503,290	\$1,756,875	\$253,586	16.9%
10	12	730	\$20,121,598	\$23,515,851	\$3,394,253	16.9%
11	13	735	\$20,241,568	\$23,656,058	\$3,414,491	16.9%
12	34, 37, 37.1, 70	SC	\$2,897,308	\$3,386,046	\$488,738	16.9%
13	66, 68	RTP	\$815,251	\$818,085	\$2,834	0.3%
14	26-29	550	\$1,849,798	\$2,161,834	\$312,037	16.9%
15	30-32	560	\$3,053,998	\$3,569,168	\$515,170	16.9%
16	to 580	570	\$25,794	\$30,145	\$4,351	16.9%
17	34	580	\$27,790	\$32,478	\$4,688	16.9%
18	35	590	\$6,973	\$8,150	\$1,176	16.9%
19	19-23	TOD	\$61,441	\$71,805	\$10,364	16.9%
20	24	800	\$560,904	\$655,521	\$94,617	16.9%
21	25	810	\$196,216	\$229,315	\$33,099	16.9%
22	25	811	\$202,888	\$237,112	\$34,225	16.9%
23	-	888	\$8,670	\$8,670	\$0	0.0%
24	38	700	\$0	\$0	\$0	0.0%
25	39	IGP	\$0	\$0	\$0	16.9%
26	48-49	Curtail	\$0	\$0	\$0	16.9%
27	R-39	456000a	\$69,308	\$168,319	\$99,011	142.9%
28	-	456000	\$15,341,646	\$15,341,646	\$0	0.0%
29			\$308,202,777	\$357,555,546	\$49,352,769	16.0%

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Includes rate 745
Includes rates 919, 950, 650, 660
Customer charge increase = 16.9%, kWh at Real-Time Prices
Includes rates 600, 610, 620, 630, 640
All components increased 16.9%
Reconnects & Meter Reads
Other Revenues, Except Reconnects & Meter Reads

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 5

ITEM 5 – Proposed annual aggregate increase by general categories of service including dollar amounts and percentage of increase in revenues above revenues derived from current rates.

Line No.	Category (A)	Annualized Present Revenue (C)	Proposed Revenue (D)	Proposed Increase	
				Amount (E)	Percent (F)
1	Residential	\$155,772,580	\$182,049,114	\$26,276,533	16.9%
2	Small General Service	\$48,920,870	\$57,173,189	\$8,252,318	16.9%
3	Large General Service	\$38,028,177	\$44,443,039	\$6,414,862	16.9%
4	Large Power Service	\$44,075,724	\$51,376,040	\$7,300,317	16.6%
5	Street & Area Lights	\$4,964,353	\$5,801,775	\$837,422	16.9%
6	Other	\$1,021,448	\$1,193,754	\$172,305	16.9%
7	Interdepartmental	\$8,670	\$8,670	\$0	0.0%
8	Other Revenue	\$15,410,954	\$15,509,965	\$99,011	0.6%
9	Total Revenue	\$308,202,777	\$357,555,546	\$49,352,769	16.0%

INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 6

ITEM 6 – PRESS RELEASE

Media Contacts:

George Minter -- (816) 467-3772

Judy Ness -- (816) 737-7528

Investor Contact:

Jerry Myers -- (816) 467-3552

**UTILICORP SEEKS TO RECOVER FUEL, SYSTEM IMPROVEMENT
COSTS
FOR ITS MISSOURI PUBLIC SERVICE DIVISION**

KANSAS CITY, MO, June 8, 2001 – UtiliCorp United (NYSE: UCU) today filed formal documents with the Missouri Public Service Commission requesting an increase in the electric rates of its Missouri Public Service division of \$11 million per year to recover system improvement costs and up to \$38 million to provide the fuel to generate electricity and purchased power contracts. The total increase request is 16.9 percent.

Approximately 80 percent of the rate increase request is to recover higher fuel costs and to purchase the power capacity to help meet the needs of Missouri Public Service customers during periods of peak electricity usage. Power purchased on the wholesale market is used to supplement power generation from UtiliCorp-owned facilities. Missouri Public Service's electric demand during periods of highest customer usage has grown by about 18 percent since its last rate case in 1997.

Missouri Public Service has included natural gas cost projections in its rate filing because Commission guidelines do not provide for ongoing fuel cost adjustments to recover higher fuel prices

"The higher cost of natural gas used to generate electricity greatly affects Missouri Public Service as well as other utilities," said Judy Ness, community relations director for the company. "If natural gas prices stay below last year's levels, we would pass those savings on to our customers in coordination with the Commission's review."

-more-

Since 1983, Missouri Public Service has recorded two increases in its electric rates, the most recent one in 1993, and four decreases. Currently, its rates are 7.26 percent lower than they were in 1983, according to Ness. In addition, since 1983 the company has invested approximately \$500 million to improve and maintain its electric operations.

"Just as other businesses must cover their costs as expenses rise, Missouri Public Service also must adjust its prices to recover its higher operating costs and provide a reasonable rate of return on its investment," Ness said. "Few businesses are able to lower or even maintain the same prices for 18 years. The increases in the costs of fuel make it necessary to file for a rate increase."

Ness added, "In Missouri, a rate case filing is the only method electric utilities have of recovering higher fuel costs."

If approved by the Commission, the rate change would be effective in May 2002. The proposed increase would affect the company's 205,000 electric customers in Missouri.

Under the proposal, a residential customer using 1,000 kilowatt-hours (Kwh) of electricity a month could have an increase of up to approximately \$14 per month or \$169 annually if natural gas prices stay at very high levels.

The rate request is also to recover the costs of improvements made in the electric generation, transmission and distribution operations, personnel additions and miscellaneous items for Missouri Public Service.

Based in Kansas City, Mo., UtiliCorp United is a multinational energy company with more than 4 million customers. It operates in the United States, Canada, the United Kingdom, Spain, Germany, Norway, New Zealand and Australia.

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INFORMATION FILED IN ACCORDANCE WITH
4 CSR-240-10.070 (3) (B) 7

ITEM 7 – SUMMATY OF REASONS FOR THE PROPOSED CHANGES

The proposed changes represent a general rate increase request. The need for an increase in rates is primarily caused by the company's need to recover higher prices of fuel used to generate power and the cost of purchased power. The new purchased power capacity contract with Aquila which replaces two 10 year contracts that have recently expired will provide needed power for the next 4 years. The company has spent several million dollars in system improvements since its last rate case as well. The majority of these dollars were spent on the production, transmission and distribution systems. These improvements will allow the company to maintain safe and reliable service to its customers.