

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 40th Revised SHEET NO. 28  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 39th Revised SHEET NO. 28

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M)  
RESIDENTIAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$12.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	11.28¢
Energy Efficiency Program Charge - per kWh	0.59¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$12.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	
First 750 kWh	8.03¢
Over 750 kWh	5.32¢
Energy Efficiency Program Charge - per kWh	0.35¢

Optional Time-of-Day Rate

Customer Charge - per month	\$25.00
Low-Income Pilot Program Charge - per month	\$ 0.03
Energy Charge - per kWh (1)	
Summer (June-September billing periods)	
All On Peak kWh	16.38¢
All Off Peak kWh	6.71¢
Energy Efficiency Program Charge - per kWh	0.59¢
Winter (October-May billing periods)	
All On Peak kWh	9.67¢
All Off Peak kWh	4.78¢
Energy Efficiency Program Charge - per kWh	0.35¢

(1) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. Initial period one (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012  
 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 28th Revised SHEET NO. 32  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 27th Revised SHEET NO. 32

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2(M)  
SMALL GENERAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	
Single Phase Service	\$14.61
Three Phase Service	\$29.24
Low-Income Pilot Program Charge - per month	\$0.05
Energy Charge - per kWh	10.62¢
Energy Efficiency Program Charge - per kWh (3)	0.22¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	
Single Phase Service	\$14.61
Three Phase Service	\$29.24
Low-Income Pilot Program Charge - per month	\$0.05
Energy Charge - per kWh	
Base Use	7.91¢
Seasonal Use(1)	4.58¢
Energy Efficiency Program Charge - per kWh (3)	0.15¢

Optional Time-of-Day Rate

Customer Charge - per month	
Single Phase Service	\$29.30
Three Phase Service	\$58.58
Low-Income Pilot Program Charge - per month	\$0.05
Energy Charge - per kWh (2)	
Summer (June-September billing periods)	
All On Peak kWh	15.76¢
All Off Peak kWh	6.42¢
Energy Efficiency Program Charge - per kWh (3)	0.22¢
Winter (October-May billing periods)	
All On Peak kWh	10.37¢
All Off Peak kWh	4.76¢
Energy Efficiency Program Charge - per kWh (3)	0.15¢

- (1) The winter seasonal energy use shall be all kWh in excess of 1,000 kWh per month and in excess of the lesser of a) the kWh use during the preceding May billing period, or b) October billing period, or c) the maximum monthly kWh use during any preceding summer month.
- (2) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.
- (3) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)

LARGE GENERAL SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$92.34
Low-Income Pilot Program Charge - per month	\$ 0.50
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	10.33¢
Next 200 kWh per kW of Billing Demand	7.78¢
All Over 350 kWh per kW of Billing Demand	5.23¢
Demand Charge - per kW of Total Billing Demand	\$ 4.83
Energy Efficiency Program Charge - per kWh (1)	0.36¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$92.34
Low-Income Pilot Program Charge - per month	\$ 0.50
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.52¢
Next 200 kWh per kW of Base Demand	4.83¢
All Over 350 kWh per kW of Base Demand	3.79¢
Seasonal Energy Charge - Seasonal kWh	3.79¢
Demand Charge - per kW of Total Billing Demand	\$ 1.79
Energy Efficiency Program Charge - per kWh (1)	0.21¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$20.30 per month	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh(June-September billing periods)	+1.22¢	-0.69¢
Winter kWh(October-May billing periods)	+0.37¢	-0.21¢

(2) On-peak and off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 38th Revised SHEET NO. 37  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 37th Revised SHEET NO. 37

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 4 (M)  
SMALL PRIMARY SERVICE RATE

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$311.86
Low-Income Pilot Program Charge - per month	\$0.50
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.90¢
Next 200 kWh per kW of Billing Demand	7.46¢
All Over 350 kWh per kW of Billing Demand	5.01¢
Demand Charge - per kW of Total Billing Demand	\$3.96
Reactive Charge - per kVar	37.00¢
Energy Efficiency Program Charge - per kWh (1)	0.40¢

Winter Rate (Applicable during 8 monthly billing periods of October through May)

Customer Charge - per month	\$311.86
Low-Income Pilot Program Charge - per month	\$0.50
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.24¢
Next 200 kWh per kW of Base Demand	4.64¢
All Over 350 kWh per kW of Base Demand	3.63¢
Seasonal Energy Charge - Seasonal kWh	3.63¢
Demand Charge - per kW of Total Billing Demand	\$1.45
Reactive Charge - per kVar	37.00¢
Energy Efficiency Program Charge - per kWh (1)	0.24¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$20.30 per month	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh (June-September billing periods)	+0.88¢	-0.50¢
Winter kWh (October-May billing periods)	+0.33¢	-0.18¢

(2) On-peak and Off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\*Indicates Change.

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APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED

\* Rate per Unit per Month

Lamp and Fixture

A. Standard horizontal burning, enclosed luminaire on existing wood pole:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
9,500	\$12.19	6,800	\$12.19
25,500	\$17.62	20,000	\$17.62
50,000	\$31.41	54,000	\$31.41
		108,000	\$62.84

B. Standard side mounted, hood with open bottom glassware on existing wood pole:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
5,800	\$ 9.87	3,300	\$ 9.87
9,500	\$10.78	6,800	\$10.78

C. Standard post-top luminaire including standard 17-foot post:

<u>High Pressure Sodium</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
9,500	\$22.59	3,300	\$21.35
		6,800	\$22.59

D. Pole-mounted, direction flood luminaire; limited to installations accessible to Company basket truck:

<u>High Pressure Sodium</u>		<u>Metal Halide</u>		<u>Mercury Vapor (1)</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
25,500	\$22.36	34,000	\$22.36	20,000	\$22.36
50,000	\$35.37	100,000	\$70.70	54,000	\$35.37

(1) Mercury Vapor lamps and fixtures are limited to customers served under contracts initiated prior to September 27, 1988. Company will continue to maintain these lamps and fixtures so long as parts are economically available.

\*Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

\* E. All poles and cable, where required to provide lighting service:

The installation of all standard poles and cables shall be paid for in advance by customer, with all subsequent replacements of said facilities provided by Company.

F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:

<u>Lamp and Fixture</u>	<u>*Per Unit Monthly Rate</u>
1,000 Lumens	\$11.69
2,500 "	15.77
4,000 "	18.19
6,000 "	20.20
10,000 "	27.43

\*Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)  
STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

G. Former Subsidiary Company lighting units provided under contracts initiated prior to April 9, 1986, which facilities will only be maintained by Company so long as parts are available in Company's present stock:

<u>Lamp and Fixture</u>	<u>*Per Unit Monthly Rate</u>
11,000 Lumens, Mercury Vapor, Post-Top	\$22.59
11,000 Lumens, Mercury Vapor, Open Bottom	10.78
11,000 Lumens, Mercury Vapor, Horizontal Enclosed	12.19
42,000 Lumens, Mercury Vapor, Horizontal Enclosed	31.41
16,000 Lumens, H.P. Sodium, Horizontal Enclosed	12.19
34,200 Lumens, H.P. Sodium, Directional(2)	22.36
140,000 Lumens, H.P. Sodium, Directional	70.70
20,000 Lumens, Metal Halide, Directional	22.36

(2) This lamp represents a mercury vapor fixture with H.P. Sodium lamp.

Term of Contract. Minimum term of three (3) years where only standard facilities are installed; ten (10) years where post-top luminaires are installed.

Discount for Franchised Municipal Customers. A 10% discount will be applied to bills rendered for lighting facilities served under the above rates and currently contracted for by municipalities with whom the Company has an ordinance granted electric franchise as of September 27, 1988. The above discount shall only apply for the duration of said franchise. Thereafter, the above discount shall apply only when the following two conditions are met: 1) any initial or subsequent ordinance granted electric franchise must be for a minimum term of twenty (20) years and 2) Company must have a contract for all lighting facilities for municipal lighting service provided by Company in effect.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6(M)  
STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED

\*Monthly Rate For Metered Service

Customer Charge Per Meter \$6.60 per month  
 Energy Charge 4.46¢ per kWh

\*Rate Per Unit Per Month For Unmetered Service

Customer Charge per account \$6.60 per month

<u>H.P. Sodium</u>	<u>Energy &amp; Maintenance (1)</u>	<u>Energy Only (2)</u>
9,500 Lumens, Standard	\$ 3.55	\$ 1.72
16,000 Lumens, Standard	N/A	2.92
25,500 Lumens, Standard	6.17	4.40
50,000 Lumens, Standard	8.91	6.91
<u>Metal Halide</u>		
5,500 Lumens, Standard	\$ 5.13	N/A
12,900 Lumens, Standard	6.14	N/A
<u>Mercury Vapor</u> <u>(3)</u>		
3,300 Lumens, Standard	\$ 3.55	\$ 1.82
6,800 Lumens, Standard	4.62	2.96
11,000 Lumens, Standard	6.24	4.22
20,000 Lumens, Standard	8.28	6.51
42,000 Lumens, Standard	N/A	10.84
54,000 Lumens, Standard	17.69	15.48

- (1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required.
  - (2) Limited to lamps served under contracts initiated prior to September 27, 1988.
  - (3) Maintenance of lamps and fixtures limited to customers served under contracts prior to November 15, 1991.
- N/A Not Available.

Term of Contract. One (1) year, terminable thereafter on three (3) days' notice.

Discount For Franchised Municipal Customers. A 10% discount will be applied to bills rendered for lighting facilities served under the above rates and currently contracted for by municipalities with whom the Company has an ordinance granted electric franchise as of September 27, 1988. The above discount shall only apply for the duration of said franchise. Thereafter, the above discount shall apply only when the following two conditions are met: 1) any initial or subsequent ordinance granted electric franchise must be for a minimum term of twenty (20) years and 2) Company must have a contract for all lighting facilities for municipal lighting service provided by Company in effect.

\*Indicates Change.



**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 28th Revised SHEET NO. 50  
 CANCELLING MO.P.S.C. SCHEDULE NO. 5 27th Revised SHEET NO. 50

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 7(M)  
MUNICIPAL STREET LIGHTING - INCANDESCENT  
RATE OF LIMITED APPLICATION

\*Rate per Lamp per Month

	<u>Incandescent</u>				
	1,000	2,500	4,000	6,000	10,000
	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>	<u>Lumen</u>
<u>Wood Pole Rates</u>	\$4.48	\$6.82	\$9.29	\$12.35	\$16.91

Ornamental Pole. Add \$7.35 per month per pole to above Wood Pole Rates.

\* Customer-Owned Street Lighting Facilities. Where customer furnishes, installs and owns all street lighting facilities, service will be supplied as follows:

For Metered Service:

Customer Charge per Meter \$15.36 per month

1) Secondary Service 4.48¢ per kWh

2) Primary Service - Rider C shall be applied.

Customer shall install suitable switching and protective equipment, meter loop, space and mounting facilities for Company metering devices.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

Payments. Bills are due and payable within ten (10) days from date of bill.

Term of Contract. Ten (10) years. Customer, if not legally authorized to contract for all of an initial or succeeding ten-year contract term at one time, may sign an agreement for the maximum period for which it is legally authorized to contract, and said agreement will continue in force thereafter for successive one-year periods unless terminated by either party by written notice given not less than sixty (60) days prior to any annual termination date.

\*Indicates Change.

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**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 15th Revised SHEET NO. 67.1  
 CANCELLING MO.P.S.C.SCHEDULE NO. 5 14th Revised SHEET NO. 67.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11(M)  
LARGE PRIMARY SERVICE RATE

\* Rate Based on Monthly Meter Readings

<u>Summer Rate</u>	(Applicable during 4 monthly billing periods of June through September)	
Customer Charge - per month		\$311.86
Low-Income Pilot Program Charge - per month		\$50.00
Energy Charge - per kWh		3.27¢
Demand Charge - per kW of Billing Demand		\$19.54
Reactive Charge - per kVar		37.00¢
Energy Efficiency Program Charge - per kWh (1)		0.38¢

<u>Winter Rate</u>	(Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month		\$311.86
Low-Income Pilot Program Charge - per month		\$50.00
Energy Charge - per kWh		2.89¢
Demand Charge - per kW of Billing Demand		\$8.88
Reactive Charge - per kVar		37.00¢
Energy Efficiency Program Charge - per kWh (1)		0.24¢

(1) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$20.30 per month	
Energy Adjustment - per kWh	On-Peak	Off-Peak
	<u>Hours(2)</u>	<u>Hours(2)</u>
Summer kWh(June-September billing periods)	+0.63¢	-0.35¢
Winter kWh(October-May billing periods)	+0.29¢	-0.15¢

(2) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

Payments. Bills are due and payable within ten (10) days from date of bill and become delinquent after twenty-one (21) days from date of bill.

Term of Use. One (1) year, terminable thereafter on three (3) days' notice.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

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APPLYING TO MISSOURI SERVICE AREA

MISCELLANEOUS CHARGES

A. Reconnection Charges per Connection Point

Sheet No. 106, Par. B-3 (Annually Recurring Service) \$30.00  
 Sheet No. 184, Par. I (Reconnection of Service) \$30.00

\*B. Supplementary Service Minimum Monthly Charges

Sheet No. 103, Par. C-3

Charges applicable during 4 monthly  
billing periods of June through September Primary Service Rate

Customer Charge per month, plus	\$311.86
Low-Income Pilot Program Charge - per month	\$50.00
All kW @	\$19.54

Charges applicable during 8 monthly  
billing periods of October through May Primary Service Rate

Customer Charge per month, plus	\$311.86
Low-Income Pilot Program Charge - per month	\$50.00
All kW @	\$8.88

C. Service Call Charge. Customer's reporting service problems may be charged a \$50.00 fee for a service call, if it is determined the problem is within the customer's electrical system.

Tax Adjustment. Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

**SERVICE CLASSIFICATION NO. 12(M)**  
**LARGE TRANSMISSION SERVICE RATE**

\* Rate Based on Monthly Meter Readings

Summer Rate (Applicable during four (4) monthly billing periods of June through September)

Customer Charge - per month	\$311.86
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$15.37
Energy Charge - per kWh	2.918¢
Reactive Charge - per kVar	37.000¢

Winter Rate (Applicable during eight (8) monthly billing periods of October through May)

Customer Charge - per month	\$311.86
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$5.87
Energy Charge - per kWh	2.569¢
Reactive Charge - per kVar	37.000¢

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$20.30	
Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours(1)</u>	<u>Hours(1)</u>
Summer kWh (June-September Billing Periods)	+0.68¢	-0.38¢
Winter kWh (October-May Billing Periods)	+0.31¢	-0.16¢

(1) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.

\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO. P. S. C. SCHEDULE NO. 5 5th Revised SHEET NO. 68.1

CANCELLING MO. P.S.C. SCHEDULE NO. 5 4th Revised SHEET NO. 68.1

APPLYING TO MISSOURI SERVICE AREA

**SERVICE CLASSIFICATION NO. 12(M)**  
**LARGE TRANSMISSION SERVICE RATE (Cont'd.)**

\* Energy Line Loss Rate. Compensation for Customer's energy line losses from use of the transmission system(s) outside Company's control area shall be in the form of energy solely supplied by Company to the transmission owner(s) and compensated by payment at a monthly rate of \$0.0394 per kWh after appropriate Rider C adjustment of meter readings.

1. Transmission Service Requirements. Company's obligation to provide service under this rate is conditioned upon receipt of approval from the appropriate Regional Transmission Organization ("RTO") to incorporate Customer's load within Company's Network Integration Transmission Service agreement without the obligation or requirement that Company construct, upgrade, or improve any existing or new transmission plant or facilities.

\* Indicates Change.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE**

**Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter**

**APPLICABILITY**

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 7(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation, net of Off-System Sales Revenues (OSSR) (i.e., Actual Net Fuel Costs) and Net Base Fuel Costs (factor NBFC, as defined below), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Filing Date</u>	<u>Recovery Period (RP)</u>
February through May	By August 1	October through May
June through September	By December 1	February through September
October through January	By April 1	June through January

Accumulation Period (AP) means the historical calendar months during which fuel and purchased power costs, including transportation, net of OSSR for all kWh of energy supplied to Missouri retail customers are determined.

Recovery Period (RP) means the billing months as set forth in the above table during which the difference between the Actual Net Fuel Costs during an Accumulation Period and NBFC are applied to and recovered through retail customer billings on a per kWh basis, as adjusted for service voltage level.

The Company will make a Fuel and Purchased Power Adjustment (FPA) filing by each Filing Date. The new FPA rates for which the filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FPA filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

**FPA DETERMINATION**

Ninety five percent (95%) of the difference between Actual Net Fuel Costs and NBFC for all kWh of energy supplied to Missouri retail customers during the respective Accumulation Periods shall be reflected as an FPA<sub>c</sub> credit or debit, stated as a separate line item on the customer's bill and will be calculated according to the following formulas.

For the FPA filing made by each Filing Date, the FPA<sub>c</sub> rate, applicable starting with the Recovery Period following the applicable Filing Date, to recover fuel and purchased power costs, including transportation, net of OSSR, to the extent they vary from Net Base Fuel Costs (NBFC), as defined below, during the recently-completed Accumulation Period is calculated as:

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.2CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.2APPLYING TO MISSOURI SERVICE AREA**RIDER FAC****FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)****Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter**

$$** FPA_{(RP)} = [[(CF+CPP-OSSR) - (NBFC \times S_{AP})] \times 95\% + I + R - N] / S_{RP}$$

The FPA rate, which will be multiplied by the voltage level adjustment factors set forth below, applicable starting with the following Recovery Period is calculated as:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)} + FPA_{(RP-2)}$$

Effective with the Company's April 1, 2012 filing, FPA<sub>C</sub> shall be revised to:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)}$$

where:

FPA<sub>C</sub> = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.

FPA<sub>RP</sub> = FPA Recovery Period rate component calculated to recover under/over collection during the Accumulation Period that ended prior to the applicable Filing Date.

FPA<sub>(RP-1)</sub> = FPA Recovery Period rate component from prior FPA<sub>RP</sub> calculation, if any.

FPA<sub>(RP-2)</sub> = FPA Recovery Period rate component from FPA<sub>RP</sub> calculation prior to FPA<sub>(RP-1)</sub>, if any.

CF = Fuel costs incurred to support sales to all retail customers and Off-System Sales allocated to Missouri retail electric operations, including transportation, associated with the Company's generating plants. These costs consist of the following:

a) For fossil fuel or hydroelectric plants:

(i) the following costs reflected in Federal Energy Regulatory Commission (FERC) Account Number 501: coal commodity, applicable taxes, gas, alternative fuels, fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs (for purposes of factor CF, hedging is defined as realized losses and costs minus realized gains associated with mitigating volatility in the Company's cost of fuel and purchased power, including but not limited to, the Company's use of futures, options and over-the-counter derivatives

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.3CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.3APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter

including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), hedging costs associated with SO<sub>2</sub> and fuel oil adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, ash disposal revenues and expenses, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

\* (ii) the following costs reflected in FERC Account Number 502: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone and powder activated carbon; and

(iii) the following costs reflected in FERC Account Number 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation charges, fuel losses, hedging costs, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(iv) costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emission allowances.

b) Costs in FERC Account Number 518 (Nuclear Fuel Expense).

CPP = Costs of purchased power reflected in FERC Account Numbers 555, 565, and 575, excluding MISO administrative fees arising under MISO Schedules 10, 16, 17, and 24, and excluding capacity charges for contracts with terms in excess of one (1) year, incurred to support sales to all Missouri retail customers and Off-System Sales allocated to Missouri retail electric operations. Also included in factor "CPP" are insurance premiums in FERC Account Number 924 for replacement power insurance to the extent those premiums are not reflected in base rates. Changes in replacement power insurance premiums from the level reflected in base rates shall increase or decrease purchased power costs. Additionally, costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles.

OSSR = All revenues in FERC Account 447.

\* Indicates Addition.

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NAME OF OFFICER TITLE ADDRESS



APPLYING TO

MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter

\*\* Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-2012-0166 an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month  
- No adjustment will be made to OSSR.
- b) A reduction of 40,000,000 kWh or greater in a given month  
- All Off-System Sales revenues derived from all kWh of energy sold off-system due to the entire reduction shall be excluded from OSSR.

\*\*N = The positive amount by which, over the course of the Accumulation Period, (a) revenues derived from the off-system sale of power made possible as a result of reductions in the level of 12(M) sales (as addressed in the definition of OSSR above) exceeds (b) the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-2012-0166.

\*\*I = Interest applicable to (i) the difference between Actual Net Fuel Costs and NBFC for all kWh of energy supplied to Missouri retail customers during an Accumulation Period until those costs have been recovered; (ii) refunds due to prudence reviews (a portion of factor R, below); and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings provided for herein (a portion of factor R, below). Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012

DATE EFFECTIVE March 4, 2012

ISSUED BY Warner L. Baxter  
NAME OF OFFICER

President & CEO  
TITLE

St. Louis, Missouri  
ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter**

R = Under/over recovery (if any) from currently active and prior Recovery Periods as determined for the FAC true-up adjustments, and modifications due to adjustments ordered by the Commission, as a result of required prudence reviews or other disallowances and reconciliations, with interest as defined in item I.

S<sub>AP</sub> = kWh during the Accumulation Period that ended prior to the applicable Filing Date, as measured by taking the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above.

S<sub>RP</sub> = Applicable Recovery Period estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), subject to the FPA<sub>RP</sub> to be billed.

\*\*NBFC = Net Base Fuel Costs are the net costs determined by the Commission's order as the normalized test year value for the sum of allowable fuel costs (consistent with the term CF), plus cost of purchased power (consistent with the term CPP), less revenues from off-system sales (consistent with the term OSSR), expressed in cents per kWh, based on the retail kWh from the net output calculation in the fuel run used in part to determine Net Base Fuel Costs, as included in the Company's retail rates. The NBFC rate applicable to June through September calendar months ("Summer NBFC Rate") is 1.529 cents per kWh. The NBFC rate applicable to October through May calendar months ("Winter NBFC Rate") is 1.553 cents per kWh.

\*\*To determine the FPA rates applicable to the individual Service Classifications, the FPA<sub>c</sub> rate determined in accordance with the foregoing will be multiplied by the following voltage level adjustment factors:

Secondary Voltage Service	1.0575
Primary Voltage Service	1.0252
Large Transmission Voltage Service	0.9917

The FPA rates applicable to the individual Service Classifications shall be rounded to the nearest 0.001 cents, to be charged on a cents/kWh basis for each applicable kWh billed.

\*\* Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**Applicable To Service Provided On The Effective Date Of This Tariff And Thereafter**

**TRUE-UP OF FAC**

After completion of each Recovery Period, the Company will make a true-up filing in conjunction with an adjustment to its FAC. The true-up filing shall be made on the same day as the filing made to adjust its FAC. Any true-up adjustments or refunds shall be reflected in item R above, and shall include interest calculated as provided for in item I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the Recovery Period.

**GENERAL RATE CASE/PRUDENCE REVIEWS**

The following shall apply to this Fuel and Purchased Power Adjustment Clause, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Missouri Public Service Commission order implementing or continuing this Fuel and Purchased Power Adjustment Clause. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this Fuel and Purchased Power Adjustment Clause, or any period for which charges hereunder must be fully refunded. In the event a court determines that this Fuel and Purchased Power Adjustment Clause is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this Fuel and Purchased Power Adjustment Clause to file such a rate case.

Prudence reviews of the costs subject to this Fuel and Purchased Power Adjustment Clause shall occur no less frequently than every eighteen months, and any such costs which are determined by the Missouri Public Service Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers with interest at a rate equal to the weighted average interest rate paid on the Company's short-term debt.

DATE OF ISSUE February 3, 2012

DATE EFFECTIVE March 4, 2012

ISSUED BY Warner L. Baxter  
NAME OF OFFICER

President & CEO  
TITLE

St. Louis, Missouri  
ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE**

**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**

**APPLICABILITY**

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 7(M), 8(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation, net of Off-System Sales Revenues (OSSR) (i.e., Actual Net Fuel Costs) and Net Base Fuel Costs (factor NBFC, as defined below), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Filing Date</u>	<u>Recovery Period (RP)</u>
February through May	By August 1	October through September
June through September	By December 1	February through January
October through January	By April 1	June through May

Accumulation Period (AP) means the historical calendar months during which fuel and purchased power costs, including transportation, net of OSSR for all kWh of energy supplied to Missouri retail customers are determined.

Recovery Period (RP) means the billing months as set forth in the above table during which the difference between the Actual Net Fuel Costs during an Accumulation Period and NBFC are applied to and recovered through retail customer billings on a per kWh basis, as adjusted for service voltage level.

The Company will make a Fuel and Purchased Power Adjustment (FPA) filing by each Filing Date. The new FPA rates for which the filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FPA filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

**FPA DETERMINATION**

Ninety five percent (95%) of the difference between Actual Net Fuel Costs and NBFC for all kWh of energy supplied to Missouri retail customers during the respective Accumulation Periods shall be reflected as an FPA<sub>c</sub> credit or debit, stated as a separate line item on the customer's bill and will be calculated according to the following formulas.

For the FPA filing made by each Filing Date, the FPA<sub>c</sub> rate, applicable starting with the Recovery Period following the applicable Filing Date, to recover fuel and purchased power costs, including transportation, net of OSSR, to the extent they vary from Net Base Fuel Costs (NBFC), as defined below, during the recently-completed Accumulation Period is calculated as:

\*\*Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.9CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.9APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**

$$FPA_{(RP)} = [ [(CF+CPP-OSSR-TS-S-W) - (NBFC \times S_{AP}) ] \times 95\% + I + R - N ] / S_{RP}$$

The FPA rate, which will be multiplied by the voltage level adjustment factors set forth below, applicable starting with the following Recovery Period is calculated as:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)} + FPA_{(RP-2)}$$

where:

- $FPA_C$  = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.
- $FPA_{RP}$  = FPA Recovery Period rate component calculated to recover under/over collection during the Accumulation Period that ended prior to the applicable Filing Date.
- $FPA_{(RP-1)}$  = FPA Recovery Period rate component from prior  $FPA_{RP}$  calculation, if any.
- $FPA_{(RP-2)}$  = FPA Recovery Period rate component from  $FPA_{RP}$  calculation prior to  $FPA_{(RP-1)}$ , if any.
- CF = Fuel costs incurred to support sales to all retail customers and Off-System Sales allocated to Missouri retail electric operations, including transportation, associated with the Company's generating plants. These costs consist of the following:
- a) For fossil fuel or hydroelectric plants:
    - (i) the following costs reflected in Federal Energy Regulatory Commission (FERC) Account Number 501: coal commodity, applicable taxes, gas, alternative fuels, fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emission allowances, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs (for purposes of factor CF, hedging is defined as realized losses and costs minus realized gains associated with mitigating volatility in the Company's cost of fuel and purchased power, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), hedging costs associated with SO<sub>2</sub> and fuel oil

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.10CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.10APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**

adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, ash disposal revenues and expenses, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(ii) the following costs reflected in FERC Account Number 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation charges, fuel losses, hedging costs, and revenues and expenses resulting from fuel and transportation portfolio optimization activities;

b) Costs in FERC Account Number 518 (Nuclear Fuel Expense).

CPP = Costs of purchased power reflected in FERC Account Numbers 555, 565, and 575, excluding MISO administrative fees arising under MISO Schedules 10, 16, 17, and 24, and excluding capacity charges for contracts with terms in excess of one (1) year, incurred to support sales to all Missouri retail customers and Off-System Sales allocated to Missouri retail electric operations. Also included in factor "CPP" are insurance premiums in FERC Account Number 924 for replacement power insurance (other than relating to the Taum Sauk Plant) to the extent those premiums are not reflected in base rates. Changes in replacement power insurance premiums (other than those relating to the Taum Sauk Plant) from the level reflected in base rates shall increase or decrease purchased power costs. Additionally, costs of purchased power will be reduced by expected replacement power insurance recoveries (other than those relating to the Taum Sauk Plant) qualifying as assets under Generally Accepted Accounting Principles. Notwithstanding the foregoing, concurrently with the date the "TS" factor is eliminated as provided for in this tariff, the premiums and recoveries relating to replacement power insurance coverage for the Taum Sauk Plant shall be included in this CPP Factor.

OSSR = Revenues from Off-System Sales allocated to Missouri electric operations.

Off-System Sales shall include all sales transactions (including MISO revenues in FERC Account Number 447), excluding Missouri retail sales and long-term full and partial requirements sales to Missouri municipalities, that are associated with (1) AmerenUE Missouri jurisdictional generating units, (2) power purchases made to serve Missouri retail load, and (3) any related transmission.

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.11CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.11APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-2010-0036 an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month  
- No adjustment will be made to OSSR.
  - b) A reduction of 40,000,000 kWh or greater in a given month  
- All Off-System revenues derived from all kWh of energy sold off-system due to the entire reduction shall be excluded from OSSR.
- TS = The Accumulation Period value of Taum Sauk. This factor will be used to reduce actual fuel costs to reflect the value of Taum Sauk, and will be credited in FPA filings (of which there are three each year as shown in the table above), until the next rate case or, if sooner, until Taum Sauk is placed back in service. This value is \$26.8 million annually, one third of which (i.e., \$8.93 million) will be applied to each Accumulation Period.
- S = The Accumulation Period value of Blackbox Settlement Amount of \$3 million annually, which shall expire on September 1, 2010. One third of the annual value (\$1 million) shall be applied to each Accumulation Period. For the Accumulation Period during which the factor expires, the factor shall be prorated according to the number of days during which it was effective during that Accumulation Period.
- W = \$300,000 per month for the months, July 1, 2010 through, June 30, 2011. This factor "W" expires on June 30, 2011.
- N = The positive amount by which, over the course of the Accumulation Period, (a) revenues derived from the off-system sale of power made possible as a result of reductions in the level of 12(M) sales (as addressed in the definition of OSSR above) exceeds (b) the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-2010-0036.
- I = Interest applicable to (i) the difference between Actual Net Fuel Costs (adjusted for Taum Sauk, factor "S", and factor "W") and NBFC for all kWh of energy supplied to Missouri retail customers during an Accumulation Period until those costs have been recovered; (ii) refunds due to prudence reviews (a portion of factor R, below); and (iii) all under- or over-recovery

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)

**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**

balances created through operation of this FAC, as determined in the true-up filings provided for herein (a portion of factor R, below). Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

- R = Under/over recovery (if any) from currently active and prior Recovery Periods as determined for the FAC true-up adjustments, and modifications due to adjustments ordered by the Commission (other than the adjustment for Taum Sauk as already reflected in the TS factor), as a result of required prudence reviews or other disallowances and reconciliations, with interest as defined in item I.
- S<sub>AP</sub> = Supplied kWh during the Accumulation Period that ended prior to the applicable Filing Date, at the generation level, plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above.
- S<sub>RP</sub> = Applicable Recovery Period estimated kWh, at the generation level, subject to the FPA<sub>RP</sub> to be billed.
- NBFC = Net Base Fuel Costs are the net costs determined by the Commission's order as the normalized test year value (and reflecting an adjustment for Taum Sauk, consistent with the term TS) for the sum of allowable fuel costs (consistent with the term CF), plus cost of purchased power (consistent with the term CPP), less revenues from off-system sales (consistent with the term OSSR), less adjustments (consistent with the terms "S" and "W"), expressed in cents per kWh, at the generation level, as included in the Company's retail rates. The NBFC rate applicable to June through September calendar months ("Summer NBFC Rate") is 1.236 cents per kWh. The NBFC rate applicable to October through May calendar months ("Winter NBFC Rate") is 1.044 cents per kWh.

To determine the FPA rates applicable to the individual Service Classifications, the FPA<sub>c</sub> rate determined in accordance with the foregoing will be multiplied by the following voltage level adjustment factors:

Secondary Voltage Service	1.0789
Primary Voltage Service	1.0459
Large Transmission Voltage Service	1.0124

The FPA rates applicable to the individual Service Classifications shall be rounded to the nearest 0.001 cents, to be charged on a cents/kWh basis for each applicable kWh billed.

\*\* Indicates Change.



MO.P.S.C. SCHEDULE NO. 5 2nd Revised SHEET NO. 98.13

CANCELLING MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.13

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D)**

**\*\* (Applicable To Service Provided Between June 21, 2010 And July 30, 2011)**

**TRUE-UP OF FAC**

After completion of each Recovery Period, the Company will make a true-up filing in conjunction with an adjustment to its FAC, where applicable. The true-up filings shall be made on the first Filing Date that occurs at least two (2) months after completion of each Recovery Period. Any true-up adjustments or refunds shall be reflected in item R above, and shall include interest calculated as provided for in item I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the Recovery Period.

**GENERAL RATE CASE/PRUDENCE REVIEWS**

The following shall apply to this Fuel and Purchased Power Adjustment Clause, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Missouri Public Service Commission order implementing or continuing this Fuel and Purchased Power Adjustment Clause. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this Fuel and Purchased Power Adjustment Clause, or any period for which charges hereunder must be fully refunded. In the event a court determines that this Fuel and Purchased Power Adjustment Clause is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this Fuel and Purchased Power Adjustment Clause to file such a rate case.

Prudence reviews of the costs subject to this Fuel and Purchased Power Adjustment Clause shall occur no less frequently than every eighteen months, and any such costs which are determined by the Missouri Public Service Commission to have been imprudently incurred shall be returned to customers with interest at a rate equal to the weighted average interest rate paid on the Company's short-term debt.

\*\* Indicates Change.

DATE OF ISSUE February 3, 2012 DATE EFFECTIVE March 4, 2012

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

**APPLICABILITY**

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), 7(M), 11(M), and 12(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation, net of Off-System Sales Revenues (OSSR) (i.e., Actual Net Fuel Costs) and Net Base Fuel Costs (factor NBFC, as defined below), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Filing Date</u>	<u>Recovery Period (RP)</u>
February through May	By August 1	October through May
June through September	By December 1	February through September
October through January	By April 1	June through January

Accumulation Period (AP) means the historical calendar months during which fuel and purchased power costs, including transportation, net of OSSR for all kWh of energy supplied to Missouri retail customers are determined.

Recovery Period (RP) means the billing months as set forth in the above table during which the difference between the Actual Net Fuel Costs during an Accumulation Period and NBFC are applied to and recovered through retail customer billings on a per kWh basis, as adjusted for service voltage level.

The Company will make a Fuel and Purchased Power Adjustment (FPA) filing by each Filing Date. The new FPA rates for which the filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FPA filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

**FPA DETERMINATION**

Ninety five percent (95%) of the difference between Actual Net Fuel Costs and NBFC for all kWh of energy supplied to Missouri retail customers during the respective Accumulation Periods shall be reflected as an FPA<sub>c</sub> credit or debit, stated as a separate line item on the customer's bill and will be calculated according to the following formulas.

For the FPA filing made by each Filing Date, the FPA<sub>c</sub> rate, applicable starting with the Recovery Period following the applicable Filing Date, to recover fuel and purchased power costs, including transportation, net of OSSR, to the extent they vary from Net Base Fuel Costs (NBFC), as defined below, during the recently-completed Accumulation Period is calculated as:

\*\*Indicates Change.

MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.16CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.16APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

$$FPA_{(RP)} = [[(CF+CPP-OSSR-W) - (NBFC \times S_{AP})] \times 95\% + I + R - N] / S_{RP}$$

The FPA rate, which will be multiplied by the voltage level adjustment factors set forth below, applicable starting with the following Recovery Period is calculated as:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)} + FPA_{(RP-2)}$$

Effective with the Company's April 1, 2012 filing, FPA<sub>C</sub> shall be revised to:

$$FPA_C = FPA_{(RP)} + FPA_{(RP-1)}$$

where:

- FPA<sub>C</sub> = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.
- FPA<sub>RP</sub> = FPA Recovery Period rate component calculated to recover under/over collection during the Accumulation Period that ended prior to the applicable Filing Date.
- FPA<sub>(RP-1)</sub> = FPA Recovery Period rate component from prior FPA<sub>RP</sub> calculation, if any.
- FPA<sub>(RP-2)</sub> = FPA Recovery Period rate component from FPA<sub>RP</sub> calculation prior to FPA<sub>(RP-1)</sub>, if any.
- CF = Fuel costs incurred to support sales to all retail customers and Off-System Sales allocated to Missouri retail electric operations, including transportation, associated with the Company's generating plants. These costs consist of the following:

a) For fossil fuel or hydroelectric plants:

(i) the following costs reflected in Federal Energy Regulatory Commission (FERC) Account Number 501: coal commodity, applicable taxes, gas, alternative fuels, fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs (for purposes of factor CF, hedging is defined as realized losses and costs minus realized gains associated with mitigating volatility in the Company's cost of fuel and purchased power, including but not limited to, the Company's use of futures, options and over-the-counter derivatives

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MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.17CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.17APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), hedging costs associated with SO<sub>2</sub> and fuel oil adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, ash disposal revenues and expenses, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(ii) the following costs reflected in FERC Account Number 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation charges, fuel losses, hedging costs, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and

(iii) costs and revenues for SO<sub>2</sub> and NO<sub>x</sub> emission allowances;

- b) Costs in FERC Account Number 518 (Nuclear Fuel Expense).

CPP = Costs of purchased power reflected in FERC Account Numbers 555, 565, and 575, excluding MISO administrative fees arising under MISO Schedules 10, 16, 17, and 24, and excluding capacity charges for contracts with terms in excess of one (1) year, incurred to support sales to all Missouri retail customers and Off-System Sales allocated to Missouri retail electric operations. Also included in factor "CPP" are insurance premiums in FERC Account Number 924 for replacement power insurance to the extent those premiums are not reflected in base rates. Changes in replacement power insurance premiums from the level reflected in base rates shall increase or decrease purchased power costs. Additionally, costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles.

OSSR = All revenues in FERC Account 447.

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MO.P.S.C. SCHEDULE NO. 5 1st Revised SHEET NO. 98.18CANCELLING MO.P.S.C. SCHEDULE NO. 5 Original SHEET NO. 98.18APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)

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Adjustment For Reduction of Service Classification 12(M) Billing Determinants:

Should the level of monthly billing determinants under Service Classification 12(M) fall below the level of normalized 12(M) monthly billing determinants as established in Case No. ER-2011-0028 an adjustment to OSSR shall be made in accordance with the following levels:

- a) A reduction of less than 40,000,000 kWh in a given month  
- No adjustment will be made to OSSR.
- b) A reduction of 40,000,000 kWh or greater in a given month  
- All Off-System Sales revenues derived from all kWh of energy sold off-system due to the entire reduction shall be excluded from OSSR.

W = \$300,000 per month for the months, July 1, 2010 through, June 30, 2011. This factor "W" expires on June 30, 2011.

N = The positive amount by which, over the course of the Accumulation Period, (a) revenues derived from the off-system sale of power made possible as a result of reductions in the level of 12(M) sales (as addressed in the definition of OSSR above) exceeds (b) the reduction of 12(M) revenues compared to normalized 12(M) revenues as determined in Case No. ER-2011-0028.

I = Interest applicable to (i) the difference between Actual Net Fuel Costs (adjusted for factor "W") and NBFC for all kWh of energy supplied to Missouri retail customers during an Accumulation Period until those costs have been recovered; (ii) refunds due to prudence reviews (a portion of factor R, below); and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings provided for herein (a portion of factor R, below). Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

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APPLYING TO MISSOURI SERVICE AREA

**RIDER FAC**

**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

- R = Under/over recovery (if any) from currently active and prior Recovery Periods as determined for the FAC true-up adjustments, and modifications due to adjustments ordered by the Commission, as a result of required prudence reviews or other disallowances and reconciliations, with interest as defined in item I.
- S<sub>AP</sub> = kWh during the Accumulation Period that ended prior to the applicable Filing Date, as measured by taking the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), plus the kWh reductions up to the kWh of energy sold off-system associated with the 12(M) OSSR adjustment above.
- S<sub>RP</sub> = Applicable Recovery Period estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), subject to the FPA<sub>RP</sub> to be billed.
- NBFC = Net Base Fuel Costs are the net costs determined by the Commission's order as the normalized test year value for the sum of allowable fuel costs (consistent with the term CF), plus cost of purchased power (consistent with the term CPP), less revenues from off-system sales (consistent with the term OSSR), less an adjustment (consistent with the term "W"), expressed in cents per kWh, based on the retail kWh from the net output calculation in the fuel run used in part to determine Net Base Fuel Costs, as included in the Company's retail rates. The NBFC rate applicable to June through September calendar months ("Summer NBFC Rate") is 1.319 cents per kWh. The NBFC rate applicable to October through May calendar months ("Winter NBFC Rate") is 1.213 cents per kWh.

To determine the FPA rates applicable to the individual Service Classifications, the FPA<sub>c</sub> rate determined in accordance with the foregoing will be multiplied by the following voltage level adjustment factors:

Secondary Voltage Service	1.0557
Primary Voltage Service	1.0234
Large Transmission Voltage Service	0.9906

The FPA rates applicable to the individual Service Classifications shall be rounded to the nearest 0.001 cents, to be charged on a cents/kWh basis for each applicable kWh billed.

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APPLYING TO MISSOURI SERVICE AREA

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**FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)**

**\*\* (Applicable To Service Provided Between July 31, 2011 And The Day Before The Effective Date Of This Tariff)**

**TRUE-UP OF FAC**

After completion of each Recovery Period, the Company will make a true-up filing in conjunction with an adjustment to its FAC. The true-up filing shall be made on the same day as the filing made to adjust its FAC. Any true-up adjustments or refunds shall be reflected in item R above, and shall include interest calculated as provided for in item I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the Recovery Period.

**GENERAL RATE CASE/PRUDENCE REVIEWS**

The following shall apply to this Fuel and Purchased Power Adjustment Clause, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Missouri Public Service Commission order implementing or continuing this Fuel and Purchased Power Adjustment Clause. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this Fuel and Purchased Power Adjustment Clause, or any period for which charges hereunder must be fully refunded. In the event a court determines that this Fuel and Purchased Power Adjustment Clause is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this Fuel and Purchased Power Adjustment Clause to file such a rate case.

Prudence reviews of the costs subject to this Fuel and Purchased Power Adjustment Clause shall occur no less frequently than every eighteen months, and any such costs which are determined by the Missouri Public Service Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers with interest at a rate equal to the weighted average interest rate paid on the Company's short-term debt.

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SHEET NO. 99

CANCELLING MO.P.S.C. SCHEDULE NO. 5

21st Revised

SHEET NO. 99

APPLYING TO

MISSOURI SERVICE AREA

Rider B

DISCOUNTS APPLICABLE FOR SERVICE TO SUBSTATIONS OWNED  
BY CUSTOMER IN LIEU OF COMPANY OWNERSHIP

Where a Customer served under rate schedules 4(M) or 11 (M) takes delivery of power and energy at a delivery voltage of 34kV or higher, Company will allow discounts from its applicable rate schedule as follows:

- \*1. A monthly credit of \$1.19/kW of billing demand for customers taking service at 34.5 or 69kV
- \*2. A monthly credit of \$1.41/kW of billing demand for customers taking service at 115kV or higher

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