# September 3, 2010

Mr. Steven Reed Secretary of the Commission Missouri Public Service Commission 200 Madison Street, Suite 100 Jefferson City, MO 65102-0360

Re: Union Electric Company d/b/a AmerenUE (AmerenUE)



Dear Mr. Reed:

Accompanying this letter for filing via the Commission's Electronic Filing and Information System (EFIS) are revised tariff sheets, which are designed to increase AmerenUE's gross annual electric revenues by approximately \$263.3 million, exclusive of applicable gross receipts, sales, franchise or occupational fees or taxes. Included in this increase is approximately \$72.6 million of anticipated increases in normalized net fuel costs above the net fuel costs included in base rates in the Company's last general rate proceeding.

The accompanying tariff sheets issued by Union Electric Company d/b/a AmerenUE are transmitted to you for filing as a revision of Schedule No. 5, Schedule of Rates for Electric Service:

Filed	Cancelling
28th Revised Sheet No. 27	27th Revised Sheet No. 27
39th Revised Sheet No. 28	38th Revised Sheet No. 28
27th Revised Sheet No. 32	26th Revised Sheet No. 32
30th Revised Sheet No. 34	29th Revised Sheet No. 34
37th Revised Sheet No. 37	36th Revised Sheet No. 37
28th Revised Sheet No. 39	27th Revised Sheet No. 39
26th Revised Sheet No. 40	25th Revised Sheet No. 40
32nd Revised Sheet No. 41	31st Revised Sheet No. 41
17th Revised Sheet No. 45	16th Revised Sheet No. 45
27th Revised Sheet No. 50	26th Revised Sheet No. 50
20th Revised Sheet No. 55	19th Revised Sheet No. 55
1st Revised Sheet No. 55.1	Original Sheet No. 55.1
8th Revised Sheet No. 56	7th Revised Sheet No. 56

6th Revised Sheet No. 57	5th Revised Sheet No. 57
20th Revised Sheet No. 58	19th Revised Sheet No. 58
14th Revised Sheet No. 67.1	13th Revised Sheet No. 67.1
9th Revised Sheet No. 67.4	8th Revised Sheet No. 67.4
14th Revised Sheet No. 68	13th Revised Sheet No. 68
4th Revised Sheet No. 68.1	3rd Revised Sheet No. 68.1
1st Revised Sheet No. 98.8	Original Sheet No. 98.8
1st Revised Sheet No. 98.9	Original Sheet No. 98.9
1st Revised Sheet No. 98.10	Original Sheet No. 98.10
1st Revised Sheet No. 98.11	Original Sheet No. 98.11
1st Revised Sheet No. 98.12	Original Sheet No. 98.12
1st Revised Sheet No. 98.13	Original Sheet No. 98.13
2nd Revised Sheet No. 98.14	1st Revised Sheet No. 98.14
Original Sheet No. 98.15	
Original Sheet No. 98.16	
Original Sheet No. 98.17	
Original Sheet No. 98.18	
Original Sheet No. 98.19	
Original Sheet No. 98.20	
Original Sheet No. 98.21	
21st Revised Sheet No. 99	20th Revised Sheet No. 99

The above-listed tariff sheets bear an issue date of September 3, 2010, and an effective date of October 3, 2010.

Sincerely,

Isl Thomas M. Byrne

Thomas M. Byrne Managing Associate General Counsel

Cc: Missouri Public Service Commission General Counsel
Office of the Public Counsel

# UNION ELECTRIC COMPANY ELECTRIC SERVICE

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

APPLYING TO MISSOURI SERVICE AREA

# TABLE OF CONTENTS

# RATES

Active Rates	Service Classification	Sheet No.
Residential Service	1(M)	28
Small General Service	2(M)	32
Large General Service	3 (M)	34
Small Primary Service	4 (M)	37
Street & Outdoor Area Lighting - Company-Own	ned 5(M)	39
Street & Outdoor Area Lighting - Customer-Ow	vned 6(M)	45
Large Primary Service	11(M)	67.1
Large Transmission Service	12(M)	68
*Rates of Limited Application  Municipal Street Lighting - Incandescent	7 (M)	50
Miscellaneous Charges	-	67.4

\*Indicates Change.

MO.P.S.C. SCHEDULE NO.	5		39th	Revised	SHEET NO.	28
CANCELLING MO.P.S.C. SCHEDULE NO.	5		38th	Revised	SHEET NO.	28
APPLYING TO MIS	SOURI	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	\$10.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	10.47¢
Energy Efficiency Program Charge - per kWh	0.11¢
Winter Rate (Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month	\$10.00
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	
First 750 kWh	7.47¢
Over 750 kWh	4.96¢
Energy Efficiency Program Charge - per kWh	0.06¢
Optional Time-of-Day Rate	
Customer Charge - per month	\$20.00
Low-Income Pilot Program Charge - per month	\$ 0.03
Energy Charge - per kWh (1)  Summer (June-September billing periods)	
All On Peak kWh	15.23¢
All Off Peak kWh	6.24¢
Energy Efficiency Program Charge - per kWh	0.11¢
Winter (October-May billing periods)	
All Off Pools With	8.99¢
All Off Peak kWh  Energy Efficiency Program Charge - per kWh	4.44¢ 0.06¢
Energy Elliciency Flogram Charge - Per Awn	0.009

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

 $\underline{\text{Payments}}$ . 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.

 $\underline{\text{Term of Use}}$ . Initial period one (1) year, terminable thereafter on three (3) days' notice.

 $\underline{\text{Tax Adjustment}}$ . 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	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITI E	ADDDESS

NAME OF OFFICER TITLE

	MO.P.S.C. SCHEDULE NO. 5	27th Revise	ed SHEET NO.	32
CANO	CELLING MO.P.S.C. SCHEDULE NO. 5	26th Revise	ed SHEET NO.	32
APPLYING TO	MISSOURI SERVI	CE AREA		
	SERVICE CLASSIFICA	TION NO 2/M)		
	SMALL GENERAL SI			
* Rate Bas	ed on Monthly Meter Readings			
	er Rate (Applicable during 4 mont	hly hilling period	ds of June	
Buttut	through September)	miy biling period	is of fulle	
	Customer Charge - per month Single Phase Service		\$11.00	
	Three Phase Service		\$22.00	
	Low-Income Pilot Program Charge -	per month	\$0.05	
	Energy Charge - per kWh		10.11¢	
	Energy Efficiency Program Charge -	per kWh (3)	0.03¢	
Wint	er Rate (Applicable during 8 mont through May)	thly billing period	ds of October	
	Customer Charge - per month			
	Single Phase Service		\$11.00	
	Three Phase Service		\$22.00	
	Low-Income Pilot Program Charge -	per month	\$0.05	
	Energy Charge - per kWh Base Use		7.54¢	
	Seasonal Use(1)		4.36¢	
	Energy Efficiency Program Charge -	ner kwh (3)	4.36¢ 0.02¢	
Opti	onal Time-of-Day Rate	per kwii (3)	0.029	
OPCI				
	Customer Charge - per month Single Phase Service		\$20.45	
	Three Phase Service		\$40.88	
	Low-Income Pilot Program Charge -	per month	\$0.05	
	Energy Charge - per kWh (2) Summer (June-September billi	ng periods)		
	All On Peak kWh		15.02¢	
	All Off Peak kWh		6.11¢	
	Energy Efficiency Program Ch		0.03¢	
	Winter (October-May billing All On Peak kWh	periods)	9.88¢	
	All Off Peak kWh		4.53¢	
	Energy Efficiency Program Ch	arge - per kWh (3)	0.02¢	
(1)	The winter seasonal energy use she per month and in excess of the preceding May billing period, or maximum monthly kWh use during any	lesser of a) the b) October billi	e kWh use during ng period, or c)	the
(2)	On-peak and Off-peak hours appli Rider I, paragraph A.	cable herein shal	l be as specified	in
(3)	Not applicable to customers that h Section 393.1075, RSMo.	nave satisfied the	opt-out provisions	s of
	Purchased Power Adjustment (Ri hours (kWh) of energy.	der FAC). Applica	able to all mete	ered
*Indicate	s Change.			
DATE OF ISSUE	September 3, 2010	DATE EFFECTIVE	October 3, 2010	

	MO.P.S.C. SCHEDULE NO5	30th Re	vised	SHEET NO	34
CANCELLIN	IG MO.P.S.C. SCHEDULE NO. 5	29th Re	vised	SHEET NO	34
PPLYING TO	MISSOURI SER	VICE AREA			
	SERVICE CLASSIFI	CATION NO. 3(M)			
	LARGE GENERAL		_		
* Rate Based	on Monthly Meter Readings				
Summer	Rate (Applicable during periods of June				
Cu	stomer Charge - per month		\$	87.24	
Lo	w-Income Pilot Program Char	rge - per month	\$	0.50	
En	ergy Charge - per kWh				
	First 150 kWh per kW of B	_		9.77¢	
	Next 200 kWh per kW of B	_		7.35¢	
	All Over 350 kWh per kW of	f Billing Demand	d	4.95¢	
De	mand Charge - per kW of Tot	tal Billing Dema	and \$	4.56	
En	ergy Efficiency Charge - pe	er kWh (1)		0.07¢	
Winter	Rate (Applicable durin	ng 8 monthly bil	lling		
	periods of Octob	-	_		
Cu	stomer Charge - per month		\$	87.24	
Lo	w-Income Pilot Program Char	rge - per month	\$	0.50	
Ва	se Energy Charge - per kWh				
	First 150 kWh per kW of Ba			6.15¢	
	Next 200 kWh per kW of Ba			4.56¢	
9	All Over 350 kWh per kW of			3.59¢	
Se	asonal Energy Charge - Seas	sonal kWh		3.59¢	
Der	mand Charge - per kW of Tot	tal Billing Dema	and \$	1.69	
En	ergy Efficiency Charge - pe	er kWh (1)		0.05¢	
	applicable to customers the visions of Section 393.107		ied the opt	-out	
<u>Optiona</u>	l Time-of-Day Adjustments				
Ado	ditional Customer Charge -	per Month	\$18.66 per	month	
Ene	ergy Adjustment - per kWh		On-Peak Hours(2)	Off-Peal Hours(2	
	ummer kWh(June-September bi inter kWh(October-May billi		+1.15¢ +0.35¢	-0.65¢ -0.20¢	
(2)	On-peak and off-peak hour specified in Rider I, par		erein shall	be as	
	rchased Power Adjustment ( urs (kWh) of energy.	Rider FAC). App	olicable to	all mete	red
*Indicates (	Change				

	MO.P.S.C. SCHEDULE NO. 5	37th Re	vised	SHEET NO.	37
CANCE	ELLING MO.P.S.C. SCHEDULE NO. 5	36th Re	vised	SHEET NO.	37
APPLYING TO	MISSOURI	SERVICE AREA			
	· · · · · · · · · · · · · · · · · · ·	SIFICATION NO. 4 (M)	)_		
		MARY SERVICE RATE			
	ed on Monthly Meter Readin				
Summe		uring 4 monthly billine through Septemb			
	Customer Charge - per mon	ıth	Š	\$286.72	
	Low-Income Pilot Program	Charge - per month		\$0.50	
	Energy Charge - per kWh First 150 kWh per kW of Next 200 kWh per kW of All Over 350 kWh per kW	Billing Demand		9.42¢ 7.09¢ 4.76¢	
	Demand Charge - per kW of	Total Billing Dem	and	\$3.77	
	Reactive Charge - per kVa	ır		33.00¢	
	Energy Efficiency Charge	- per kWh (1)		0.08¢	
Winte		uring 8 monthly bi			
	Customer Charge - per mon	ıth	Š	\$286.72	
	Low-Income Pilot Program	Charge - per month		\$0.50	
	Base Energy Charge - per First 150 kWh per kW of Next 200 kWh per kW of All Over 350 kWh per kW	Base Demand Base Demand		5.93¢ 4.41¢ 3.45¢	
	Seasonal Energy Charge -	Seasonal kWh		3.45¢	
	Demand Charge - per kW of	Total Billing Dem	and	\$1.37	
	Reactive Charge - per kVa	ır		33.00¢	
	Energy Efficiency Charge	- per kWh (1)		0.06¢	
	ot applicable to customer provisions of Section 393.		ied the op	t-out	
	onal Time-of-Day Adjustmer Additional Customer Charg		\$18.66 per	r month	
	Energy Adjustment - per k	Wh	On-Peak Hours(2)	Off-Pea Hours(2	
	Summer kWh(June-September Winter kWh(October-May be			-0.47¢ -0.16¢	
	(2) On-peak and Off-peak specified within this			shall be	as
	Purchased Power Adjustmer	nt (Rider FAC). App	plicable to	o all mete	red
*Indicate	s Change.				

DATE OF ISSU	E September 3, 2	010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITI F	ADDRESS

	MO.P.S.C.SCHEDULE NO	·	Revised	
	CANCELLING MO.P.S.C. SCHEDULE NO.	5 27th	Revised	SHEET NO3
PPLYING 1	TO MIS	SOURI SERVICE AREA		
		CLASSIFICATION NO. 5		
	SIREET AND OUTD	OOR AREA DIGHTING - CC	MPANI-UWNED	
	e per Unit per Month			
Lamp	and Fixture			
Α.	Standard horizontal by pole:	urning, enclosed lum	inaire on e	existing woo
	High Pressure Sodium	Mer	cury Vapor	(1)
	<u>Lumens</u> <u>Rate</u>	Lume	ens	<u>Rate</u>
	9,500 \$10.50 25,500 \$15.17		,800 \$1 ,000 \$1	
	50,000 \$27.03		,000 \$2	
		108	,000 \$5	54.09
В.	Standard side mounted, wood pole:	hood with open bott	om glassware	e on existin
	High Pressure Sodium	Me	rcury Vapor	(1)
	<u>Lumens</u> <u>Rate</u>	<u>L</u>	umens R	ate
	5,800 \$8.49 9,500 \$9.29		,300 \$8 ,800 \$9	
	9,300 \$9.29	0	,000 \$3	. 29
C.	Standard post-top lumin	naire including standa	rd 17-foot p	oost:
	High Pressure Sodium	Me	rcury Vapor	(1)
	<u>Lumens</u> <u>Rate</u>		umens	
	9,500 \$19.44			8.38
		6	,800 \$1	.9.44
D.	Pole-mounted, directio accessible to Company b		limited to	installation
	High Pressure Sodium	Metal Halide	Mercury	Vapor (1)
	<u>Lumens</u> <u>Rate</u>	<u>Lumens</u> <u>Rate</u>	<u>Lumens</u>	
	25,500 \$19.25 50,000 \$30.44	34,000 \$19.25 100,000 \$60.86	20,000 54,000	·
	(1) Mercury Vapor lamp under contracts in	s and fixtures are linitiated prior to Sept	mited to cus cember 27, 1	stomers serve 988. Compan
	will continue to	maintain these lamps		

DATE OF ISSU	JESeptember 3, 2	010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITI F	ADDRESS

OF OFFICE

# UNION ELECTRIC COMPANY ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE	NO. <u>5</u>	26th Revis	sed	SHEET NO	40
	CANCELLING MO.P.S.C. SCHEDULE	NO. 5	25th Revis	sed	SHEET NO.	40
APPLYING TO	)1	MISSOURI	SERVICE AREA			
			GIFICATION NO. 5(M) GHTING - COMPANY-OWN	ED (Cont'd	. )	
				·	<u> </u>	
* E.	All poles and cable,	where re	equired to provide li	ighting se	rvice:	
		by custor	standard poles and mer, with all subseq by Company.		_	
* F.	Incandescent lamps September 30, 1963 Company after June 3	, which				to by
				Per Unit		
	Lamp and I		<u> </u>	Monthly Rat	<u>:e</u>	
	1,000 I 2,500	umens		\$10.06		
	4,000	"		13.58 15.67		
	6,000	"		17.39		
	10,000	11		23.61		
*Indi	cates Change					

#### **ELECTRIC SERVICE**

MO.P.S.C.SCHEDULE NO.	5	32nd Revised SHEET NO.	41
CANCELLING MO.P.S.C. SCHEDULE NO.	5	31st Revised SHEET NO.	41

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:

	*Per Unit
Lamp and Fixture	Monthly Rate
11,000 Lumens, Mercury Vapor, Post-Top	\$19.44
11,000 Lumens, Mercury Vapor, Open Bottom	9.29
11,000 Lumens, Mercury Vapor, Horizontal Enclosed	10.50
42,000 Lumens, Mercury Vapor, Horizontal Enclosed	27.07
16,000 Lumens, H.P. Sodium, Horizontal Enclosed	10.51
34,200 Lumens, H.P. Sodium, Directional(2)	19.25
140,000 Lumens, H.P. Sodium, Directional	60.86
20,000 Lumens, Metal Halide, Directional	19.28

\*Dor IIni+

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

<u>Term of Contract</u>. 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.

<u>Tax Adjustment</u>. 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	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO.	5	17th Revised	SHEET NO.	45
CANCELLING MO.P.S.C. SCHEDULE NO.	5	16th Revised	SHEET NO.	45

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 Energy Charge

\$6.20 per month 4.19¢ per kWh

# \*Rate Per Unit Per Month For Unmetered Service

Customer Charge per account

\$6.20 per month

H.P. Sodium		Energy & Maintenance (1)	Energy Only(2)
9,500 Lumens,	Standard	\$ 3.33	\$ 1.62
16,000 Lumens,	Standard	N/A	2.75
25,500 Lumens,	Standard	5.81	4.14
50,000 Lumens,	Standard	8.38	6.49
<u>Metal Halide</u>			
5,500 Lumens,	Standard	\$ 4.82	N/A
12,900 Lumens,	Standard	5.77	N/A
<u>Mercury Vapor</u>		<u>(3)</u>	
3,300 Lumens,	Standard	\$ 3.34	\$ 1.72
6,800 Lumens,	Standard	4.33	2.78
11,000 Lumens,	Standard	5.87	3.96
20,000 Lumens,	Standard	7.79	6.12
42,000 Lumens,	Standard	N/A	10.19
54,000 Lumens,	Standard	16.63	14.56

- \* (1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required.
  - Limited to lamps served under contracts initiated prior (2) to September 27, 1988.
  - Maintenance of lamps and fixtures limited to customers (3) 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.

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3, 2010 ISSUED BY Warner L. Baxter St. Louis, Missouri President & CEO NAME OF OFFICER TITI F ADDRESS

MO.P.S.C. SCHED	ULE NO5		27th Revi	sed	SHEET NO
CANCELLING MO.P.S.C. SCHED	ULE NO5		26th Revi	sed	SHEET NO.
PPLYING TO	MISSOURI SE	RVICE ARI	EΑ		
	SERVICE CLASSI	FICATION N	IO. 7 (M)		
MUNI	CIPAL STREET LI			<u>IT</u>	
	RATE OF LIMI	red Applic	<u>CATION</u>		
*Rate per Lamp per Month		]		t	
	1,000	2,500	4,000	6,000	10,000
Wood Pole Rates	<u>Lumen</u> \$3.89	<u>Lumen</u> \$5.92	<u>Lumen</u> \$8.07	<u>Lumen</u> \$10.73	<u>Lumen</u> \$14.68
NOOR TOTE HARED	ψ3.03	Ψ3.32	40.07	φ10.73	γ11.00
Ornamental Pole. Add \$6.	.38 per month pe	er pole to	above Wood	d Pole Rat	ces.
* <u>Customer-Owned Street Lig</u> l	nting Facilities	. Where	customer f	urnichec	ingtalle ar
owns all street lighting f	_				
For Metered Service	·:				
Customer Charge per	Meter		\$13.	34 per mo	nth
1) Secondary Service	e		3.	89¢ per k	Wh
2) Primary Service	- Rider C shall	be appli	ed.		
Customer shall ins		_	_	_	=
loop, space and mou	inting facilitie	s ior Com	pany meteri	.ng device	s.
Tax Adjustment. Any lice charge or tax levied by a be so designated and addet the jurisdiction of the tax	any taxing authod d as a separate	ority on to	the amounts	s billed l	nereunder wil
Payments. Bills are due a	and payable with	nin ten (1	0) days fro	om date of	bill.
Term of Contract. Ten (10 for all of an initial or a agreement for the maximum and said agreement will periods unless terminated sixty (60) days prior to a	n period for who continue in d by either par	year contraich it is force the cty by wr	ract term a legally a reafter for itten notice	t one time authorized or succes	e, may sign a l to contract sive one-yea
*Indicates Change.					
indicates change.					
TE OF ISSUE September	3, 2010	DATE EFF	ECTIVE	Octobe:	r 3, 2010

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

CANCELING MOPS.C. SCHEDULE NO. 5 19th Revised SHEETNO. 55  PPLYING TO MISSOURI SERVICE AREA  *This Sheet Reserved For Future Use  *Indicates Change.	MO.P	.S.C. SCHEDULE NO5	20th Revised	SHEET NO55
*This Sheet Reserved For Future Use	CANCELLING MO.P.	S.C. SCHEDULE NO. 5	19th Revised	SHEET NO. 55
*This Sheet Reserved For Future Use	APPLYING TO	MISSOURI SERVI	ICE AREA	
		*This Sheet Reserve	d For Future Use	
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Me	O.P.S.C. SCHEDULE NO. 5	1st Revised	SHEET NO. 55.1
CANCELLING M	O.P.S.C. SCHEDULE NO. 5	Original	SHEET NO. 55.1
APPLYING TO	MISSOURI SERVI	CE AREA	
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CANCELLING MO.P.S.C. SCHEDULE NO. 5 7th Revised SHEETINO. 56  MISSOURI SERVICE AREA  *This Sheet Reserved For Future Use  *Indicates Change.		MO.P.S.C. SCHEDULE NO5	8th	Revised	SHEET NO	56
*This Sheet Reserved For Future Use		CANCELLING MO.P.S.C. SCHEDULE NO5	7th	Revised	SHEET NO.	56
*This Sheet Reserved For Future Use	APPLYING TO	MISSOURI S	ERVICE AREA			
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	*Indi	cates Change.				

MO.P.S.C. SCI	HEDULE NO5	6th Revised	SHEET NO.	57
CANCELLING MO.P.S.C. SCI	HEDULE NO5	5th Revised	SHEET NO.	57
APPLYING TO	MISSOURI SERVICE	E AREA		
	This Sheet Reserved	Don Butung Has		
, and the second	inis sheet Reserved	for future use		
*Indicates Change.				
			<u> </u>	

MO.P.S.C. So	CHEDULE NO. 5	20th Revised	SHEET NO.	58
CANCELLING MO.P.S.C. SO	CHEDULE NO. 5	19th Revised	SHEET NO.	58
APPLYING TO	MISSOURI SERVI	ICE AREA		
	*This Sheet Reserve	d For Future Use		
*Indicates Change.				

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3, 2010 ISSUED BY Warner L. Baxter
NAME OF OFFICER St. Louis, Missouri ADDRESS President & CEO TITLE

	CHEDULE NO 14	th Revised	SHEET NO. 67.
CANCELLING MO.P.S.C.SC	CHEDULE NO. 5 131	th Revised	SHEET NO. 67.
PPLYING TO	MISSOURI SERVICE AREA		
	SERVICE CLASSIFICATION NO.  LARGE PRIMARY SERVICE RA		
* Rate Based on Monthly Summer Rate	Meter Readings  (Applicable during 4 monthly k periods of June through Septe	_	
Customer Char	ge - per month	\$286	5.72
Low-Income Pil	lot Program Charge - per month	\$50	0.00
Energy Charge	- per kWh	:	3.21¢
Demand Charge	- per kW of Billing Demand	\$19	9.12
Reactive Charg	ge - per kVar	3:	3.00¢
Energy Efficie	ency Charge – per kWh (1)	(	0.02¢
Winter Rate	(Applicable during 8 monthly k	_	
Customer Char	ge - per month	\$286	5.72
Low-Income Pi.	lot Program Charge - per month	\$5	0.00
Energy Charge		·	2.83¢
	- per kW of Billing Demand		3.68
		•	
Reactive Charg			3.00¢
(1) Not applicab	ency Charge - per kWh (1)  le to customers that have sa		0.01¢ t-out
provisions o.	f Section 393.1075, RSMo.		
Optional Time-of-D	Day Adjustments		
Additional Cus	stomer Charge - per month	\$18.66 per	month
Energy Adjustm	ment - per kWh	On-Peak Hours(2)	Off-Peak Hours(2)
	June-September billing periods) October-May billing periods)	+0.62¢ +0.29¢	-0.34¢ -0.14¢
	nd off-peak hours applicable is service classification.	herein shall b	e as specified
	wer Adjustment (Rider FAC). App	licable to all r	metered
kilowatt-hours (kWh)	of energy.		
	due and payable within ten (10) er twenty-one (21) days from da	=	of bill and
Term of Use. One (1)	year, terminable thereafter on	three (3) days	' notice.
charge or tax levied	license, franchise, gross re by any taxing authority on the added as a separate item to bil he taxing authority.	amounts billed	hereunder will
*Indicates Change.			

DATE OF ISSUE	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

	MO.P.S.C. SCHEDULE NO5	9th	Revised	SHEET NO. 67.4
	CANCELLING MO.P.S.C.SCHEDULE NO. 5	8th	Revised	SHEET NO. 67.4
PPLYING TO	MISSOURI SERVICE A	REA		
	MISCELLANEOUS CHA	RGES		
Α.	Reconnection Charges per Connection Po	oint_		
	Sheet No. 106, Par. B-3 (Annually Recu Sheet No. 184, Par. I (Reconnection of	_		\$30.00 \$30.00
*B.	Supplementary Service Minimum Monthly	Charge	s	
	Sheet No. 103, Par. C-3			
	Charges applicable during 4 monthly billing periods of June through Septem	nber	Primary Se	ervice Rate
	Customer Charge per month, plus Low-Income Pilot Program Charge - per All kW @	month	\$!	36.72 50.00 19.12
	Charges applicable during 8 monthly billing periods of October through May	<u> </u>	Primary Se	ervice Rate
	Customer Charge per month, plus		\$28	36.72
	Low-Income Pilot Program Charge – per All $k\bar{W}$ @	month	•	50.00 \$8.68
С.	Service Call Charge. Customer's rep charged a \$50.00 fee for a service problem is within the customer's elect	call,	if it is	_
simila hereur	djustment. Any license, franchise, ar charge or tax levied by any taxing adder will be so designated and added red to customers under the jurisdiction	author. l as a	ity on the separate	amounts billed item to bills
*Indio	cates Change.			

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

# UNION ELECTRIC COMPANY ELECTRIC SERVICE

M	D. P. S. C. SCHEDULE NO. <u>5</u>	14th Revi	.seds	SHEET NO	68
	10. P.S.C. SCHEDULE NO5				
APPLYING TO	MISSOURI SI	ERVICE AREA			
		FICATION NO. 12(M) SION SERVICE RATE			
* Rate Based or	n Monthly Meter Reading	<u>s</u>			
<u>Summer Rat</u>		ring four (4) month une through Septem			
Custon	mer Charge - per month		\$286.72		
Low-Ir	ncome Pilot Program Cha	rge - per month	\$1,500.00		
Demand	d Charge - per kW of Bi	lling Demand	\$14.14		
Energy	/ Charge - per kWh		2.682	<b>;</b>	
Reacti	ve Charge - per kVar		33.000	<b>;</b>	
Winter Rat	<u>ce</u> (Applicable du periods of C	ring eight (8) mon ctober through May		3	
Custon	mer Charge - per month		\$286.72		
Low-Ir	ncome Pilot Program Cha	rge - per month	\$1,500.00		
Demand	l Charge - per kW of Bi	lling Demand	\$5.40		
Energy	/ Charge - per kWh		2.362	<b>;</b>	
Reacti	ve Charge - per kVar		33.000	<b>;</b>	
Optional 1	Time-of-Day Adjustments				
Addit	ional Customer Charge -	per month	\$18.66		
Energ	y Adjustment - per kWh		On-Peak Hours(1)	Off-Pea Hours(1	
Sum	mer kWh (June-September	r Billing Periods)	+0.54¢	-0.31¢	:
Win	ter kWh (October-May B	illing Periods)	+0.24¢	-0.13¢	:
	n-peak and off-peak hou pecified within this se			as	
	chased Power Adjustment rs (kWh) of energy.	(Rider FAC) . Appl:	icable to a	ll metere	:d
* Indicates Cha	ange.				
DATE OF ISSUE	September 3, 2010	DATE EFFECTIVE	October 3	, 2010	

# ELECTRIC SERVICE

	MO. P. S. C. SCHEDULE NO5	4th Revised	SHEET NO. <u>68.1</u>
CANCEL	LLING MO. P.S.C. SCHEDULE NO. 5		SHEET NO. 68.1
APPLYING TO	MISSOURI SERV	•	
	SERVICE CLASSIFIC	CATION NO. 12(M)	
from use shall b transmis	Line Loss Rate. Compensation e of the transmission system of in the form of energy ssion owner(s) and compensate per kWh after appropriate Rich Transmission Service Requiprovide service under this approval from the appropriate	m(s) outside Company's solely supplied by Company's ler C adjustment of met company's rate is conditioned ute Regional Transmission	s control area company to the conthly rate of er readings.  obligation to pon receipt of on Organization
	("RTO") to incorporate Cust Integration Transmission obligation or requirement improve any existing or new	Service agreement that Company construct	without the t, upgrade, or
* Indicate	es Change		
DATE OF ISSUE	Sentember 3 2010	DATE EFFECTIVE Octo	her 3 2010

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

### **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO.	5	lst Revised	SHEET NO.	98.8
CANCELLING MO.P.S.C. SCHEDULE NO	5	Original	SHEET NO.	98.8

APPLYING TO

### MISSOURI SERVICE AREA

#### RIDER FAC

#### FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

(Applicable To Service Provided Between June 21, 2010 And 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), 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:

Accumulation Period (AP)	_Filing Date_	Recovery Period (RP)
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  $FPA_C$  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  $FPA_C$  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:

DATE OF ISSUE	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO.	5	1st Revised	SHEET NO.	98.9
CANCELLING MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.9

APPLYING TO

#### MISSOURI SERVICE AREA

#### RIDER FAC

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

(Applicable To Service Provided Between June 21, 2010 And The Effective Date Of This Tariff)

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

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:

 ${\sf FPA_C}$  = 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.

 $FPA_{(RP-1)} = FPA$  Recovery Period rate component from prior  $FPA_{RP}$  calculation, if any.

 $\label{eq:FPA} \texttt{FPA}_{(\texttt{RP}-2)} \texttt{=} \ \texttt{FPA} \ \texttt{Recovery} \ \texttt{Period} \ \texttt{rate} \ \texttt{component} \ \texttt{from} \ \texttt{FPA}_{\texttt{RP}} \ \texttt{calculation} \\ \texttt{prior} \ \texttt{to} \ \texttt{FPA}_{(\texttt{RP}-1)} \text{, if any.}$ 

- 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:
    - 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  $SO_2$  and  $NO_x$  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 SO2 and fuel oil

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3	, 201	Ι0
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#### **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO.	5	1st Revised	SHEET NO.	98.10
CANCELLING MO.P.S.C. SCHEDULE NO	5	Original	SHEET NO.	98.10

APPLYING TO

#### MISSOURI SERVICE AREA

#### RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.) (Applicable To Service Provided Between June 21, 2010 And The Effective Date Of This Tariff)

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

DATE OF ISSUE	September 3, 2010	DATE EFFECTIVE	October 3, 2010
ISSUED BV	Warner I. Bayter	President & CFO	St Louis Missouri

NAME OF OFFICER

#### **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO	5	1st Revised	SHEET NO.	98.11
CANCELLING MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.11

APPLYING TO

#### MISSOURI SERVICE AREA

#### RIDER FAC

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

(Applicable To Service Provided Between June 21, 2010 And The Effective Date Of This Tariff)

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

DATE OF ISSUE	September 3,	2010 DATE EFFECTIVE	October 3, 2010
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MO.P.S.C. SCHEDULE NO	5	1st Revised	SHEET NO.	98.12
CANCELLING MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.12

APPLYING TO

#### MISSOURI SERVICE AREA

### RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.) (Applicable To Service Provided Between June 21, 2010 And The Effective Date Of This Tariff)

> 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.

- = Under/over recovery (if any) from currently active and prior R 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.
- = Supplied kWh during the Accumulation Period that ended prior  $S_{AP}$ 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.
- $S_{RP}$ = Applicable Recovery Period estimated kWh, at the generation level, subject to the  $FPA_{RP}$  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 FPAc 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.

DATE OF ISSUE	September 3, 20	10 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	<u> St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

#### **ELECTRIC SERVICE**

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

DATE OF ISSUE	September 3, 3	2010 DATE EFFECTIVE _	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
<u></u>	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO.	5	2nd Revised	SHEET NO.	98.14
CANCELLING MO.P.S.C. SCHEDULE NO.	5	1st Revised	SHEET NO.	98.14

APPLYING TO

# MISSOURI SERVICE AREA

MIDDOKI DERVICE AREA					
RIDER FAC  FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.)  (Applicable for the billing months of October 2010 Through The Billing Months of XXXXXXXX)					
ation of Current EDA Date:					
ICTON OF CUFFERE FFAC RACE.		1			
mulation Period Ending:		May 31, 2010			
Total Energy Cost (CF+CPP-OSSR-TS-S-W)		\$159,987,597			
Base Energy Cost	-	\$85,013,117			
2.1 NBFC (\$/kWh)	x	\$0.0069			
2.2 Accumulation Period Sales kWh $(S_{AP})$		12,320,741,546			
First Subtotal (12.)		\$74,974,480			
Customer Responsibility	x	95%			
Second Subtotal		\$71,225,756			
Adjustment for Interest plus Under / Over recovery for Prior Periods less Factor N: (I + R - N)	±	\$392,705			
Third Subtotal		\$71,618,461			
Estimated Recovery Period Sales kWh $(S_{\text{RP}})$	÷	40,791,485,000			
$\mathtt{FPA}_\mathtt{RP}$		\$0.00176			
$FPA_{RP-1}$	+	\$0.00114			
$\mathtt{FPA}_\mathtt{RP-2}$	+	\$0.00046			
$\mathtt{FPA}_\mathtt{C}$ (without Voltage Level Adjustment)		\$0.00336			
Voltage Level Adjustment Factor					
13.1 Secondary	x	1.0888			
13.2 Primary	x	1.0492			
13.3 Large Transmission	x	1.0147			
$\mathtt{FPA}_\mathtt{C}$ (with voltage level adjustment)					
14.1 Secondary		\$0.00366			
14.2 Primary		\$0.00353			
	RIDER FAC  FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE  Leable for the billing months of October 2010 Through  XXXXXXXX)  Ration of Current FPA <sub>C</sub> Rate:  mulation Period Ending:  Total Energy Cost (CF+CPP-OSSR-TS-S-W)  Base Energy Cost  2.1 NBFC (\$/kWh)  2.2 Accumulation Period Sales kWh (SAP)  First Subtotal (12.)  Customer Responsibility  Second Subtotal  Adjustment for Interest plus Under / Over  recovery for Prior Periods less Factor N: (I +  R - N)  Third Subtotal  Estimated Recovery Period Sales kWh (SRP)  FPARP  FPARP-1  FPARP-2  FPAC (without Voltage Level Adjustment)  Voltage Level Adjustment Factor  13.1 Secondary  13.2 Primary  13.3 Large Transmission  FPAC (with voltage level adjustment)  14.1 Secondary	RIDER FAC  FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'  Icable for the billing months of October 2010 Through The Bil  XXXXXXXX)   ation of Current FPAc Rate:  mulation Period Ending:  Total Energy Cost (CF+CPP-OSSR-TS-S-W)  Base Energy Cost			

DATE OF ISSUE	Septembe	er 3, 20	10 DATE EFFECTIVE	October 3, 2010	
ISSUED BY	Warner L. Bax	ter	President & CEO	St. Louis, Missouri	

14.3 Large Transmission

ADDRESS

\$0.00341

#### **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.15
CANCELLING MO.P.S.C. SCHEDULE NO.			SHEET NO.	

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), 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:

Accumulation Period (AP)	Filing Date	Recovery Period (RP)
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  $FPA_C$  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  $FPA_C$  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:

DATE OF ISSUE	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.16
CANCELLING MO.P.S.C. SCHEDULE NO.			SHEET NO.	

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

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

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 FPARP calculation, if any.

FPA(RP-2) = FPA Recovery Period rate component from FPARP 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:
  - For fossil fuel or hydroelectric plants: a)
    - 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 including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps), hedging costs associated with SO2 and fuel oil

DATE OF ISSUE \_\_\_\_\_\_ September 3, 2010 \_\_\_\_\_ DATE EFFECTIVE \_\_\_\_\_ October 3, 2010

& CEO

UNION ELECTRIC COMPA	NY ELECTRIC S	ERVICE	
	SCHEDULE NO. 5	Original	SHEET NO. 98.17
CANCELLING MO.P.S.C.			SHEET NO
APPLYING TO	MISSOURI SERV	ICE AREA	
		FAC DJUSTMENT CLAUSE (CONT ctive Date Of This Tari	
	costs, broker commit price hedges, oil of expenses, and rever	ed in commodity and transitions and fees associately as as disposal reduces and expenses resupertional optimization	ciated with evenues and alting from fuel
	Number 547: natural commodity, oil, transervation charges revenues and expense	ng costs reflected in al gas generation cost ansportation, storage, s, fuel losses, hedgin ses resulting from fue afolio optimization ac	ts related to capacity and el and
	<pre>(iii) costs and r allowances;</pre>	evenues for $SO_2$ and $NO$	$ ho_{ m x}$ emission
b)	Costs in FERC Accou	unt Number 518 (Nuclea	ar Fuel
555, under capac (1) y custo elect are i repla not r insur shall Addit expec	565, and 575, exclude MISO Schedules 10, ity charges for contear, incurred to sugmers and Off-System ric operations. Also nsurance premiums incement power insurance flected in base rate ance premiums from to increase or decreasionally, costs of puted replacement power increase.	reflected in FERC Acciding MISO administration 16, 17, and 24, and export sales to all Mison Sales allocated to Mison included in factor a FERC Account Number ace to the extent those cas. Changes in replace the level reflected in secondary power control of the level reflected in the control of the control	eve fees arising excluding excess of one essouri retail essouri retail "CPP" 924 for se premiums are accement power a base rates ests. E reduced by es qualifying as
opera Off-S (incl are a gener	tions. ystem Sales shall ir uding MISO revenues ssociated with (1) F ating units, (2) pow	Sales allocated to Minclude all sales transing in FERC Account Number Missouri juriver purchases made to related transmission.	sactions er 447), that sdictional serve Missouri

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3, 2010

ISSUED BY Warner L. Baxter
NAME OF OFFICER

NION ELECT	RIC COMPANY ELECTRIC SE	RVICE	
	MO.P.S.C. SCHEDULE NO. 5	Original	SHEET NO. 98.
CANCE	ELLING MO.P.S.C. SCHEDULE NO		SHEET NO.
PPLYING TO	MISSOURI SERVI	ICE AREA	
Applicabl	RIDER FUEL AND PURCHASED POWER ADD TO Service Provided On The Effec	JUSTMENT CLAUSE (CO	
	Adjustment For Reduction of States Determinants:	Service Classificat	ion 12(M) Billing
	Should the level of monthly keep Classification 12(M) fall been monthly billing determinants 0036 an adjustment to OSSR skeep following levels:	low the level of no as established in	rmalized 12(M) Case No. ER-2010-
	<ul><li>a) A reduction of less than</li><li>No adjustment will be</li></ul>		a given month
	<ul> <li>b) A reduction of 40,000,000</li> <li>- All Off-System Sales energy sold off-syste be excluded from OSSR</li> </ul>	revenues derived from due to the entire	om all kWh of
W	= \$300,000 per month for the 30, 2011. This factor "W'		
N	= The positive amount by which Accumulation Period, (a) is sale of power made possible level of 12(M) sales (as above) exceeds (b) the rector normalized 12(M) revenue 2010-0036.	revenues derived from the de as a result of readdressed in the deduction of 12(M) results.	om the off-system eductions in the finition of OSSR venues compared
I	= Interest applicable to (i) Fuel Costs (adjusted for for energy supplied to Missour Accumulation Period until (ii) refunds due to pruder below); and (iii) all under created through operation true-up filings provided for below). Interest shall be to the weighted average in short-term debt, applied to through (iii) in the process.	factor "W") and NBFori retail customers those costs have be need reviews (a porter or over-recover of this FAC, as defor herein (a portice calculated month) interest rate paid of the month-end ba	C for all kWh of during an een recovered; ion of factor R, y balances termined in the on of factor R, y at a rate equal the Company's

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3, 2010 President & CEO St. Louis, Missouri ADDRESS ISSUED BY Warner L. Baxter
NAME OF OFFICER

UNION ELECTR	IC COMPANY ELECTRIC'S	ERVICE	
	MO.P.S.C. SCHEDULE NO5	Original	SHEET NO. 98.19
CANCEL	LING MO.P.S.C. SCHEDULE NO.		SHEET NO.
APPLYING TO	MISSOURI SERV	/ICE AREA	
	RIDER		
Applicable	FUEL AND PURCHASED POWER AT To Service Provided On The Effe		
R	= Under/over recovery (if a Recovery Periods as deter adjustments, and modificathe Commission, as a resother disallowances and a defined in item I.	rmined for the FAC tru ations due to adjustme sult of required prude	e-up ents ordered by ence reviews or
$S_{\mathtt{AP}}$	= Supplied kWh during the A to the applicable Filing the kWh reductions up to associated with the 12(M)	Date, at the generati the kWh of energy sol	on level, plus d off-system
$S_{RP}$	= Applicable Recovery Perioderical Englishment = FPR		he generation
NBFC	= Net Base Fuel Costs are to Commission's order as the sum of allowable fuel cost plus cost of purchased poless revenues from off-sy OSSR), less an adjustment expressed in cents per kincluded in the Company's applicable to June through NBFC Rate") is 1.312 cent to October through May cais 1.275 cents per kWh.	e normalized test year sts (consistent with tower (consistent with ystem sales (consistent (consistent with the Wh, at the generation s retail rates. The Ngh September calendar ts per kWh. The NBFC	value for the he term CF), the term CPP), the term W"), term "W"), level, as BFC rate months ("Summer rate applicable")
Classifica	ne the FPA rates applicable tions, the $FPA_{\mathbb{C}}$ rate determinational tiplied by the following vo	ned in accordance with	the foregoing
Prim	ndary Voltage Service ary Voltage Service e Transmission Voltage Servi	1.0789 1.0459 ce 1.0124	9
rounded to	tes applicable to the indivi the nearest 0.001 cents, to cable kWh billed.		

DATE OF ISSUE September 3, 2010 DATE EFFECTIVE October 3, 2010 President & CEO ISSUED BY <u>Warner L. Baxter</u>
NAME OF OFFICER St. Louis, Missouri ADDRESS

#### **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.20
CANCELLING MO.P.S.C. SCHEDULE NO.			SHEET NO.	

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, 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.

DATE OF ISSUE	September 3,	2010 DATE EFFECTIVE	October 3, 2010
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
' <u></u>	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO.	5	Original	SHEET NO.	98.21
CANCELLING MO.P.S.C. SCHEDULE NO.			SHEET NO.	

APPLYING TO

# MISSOURI SERVICE AREA

# RIDER FAC FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.) (Applicable for the billing months beginning TBD, 2011 and thereafter)

	Calculation	of	Current	FPA <sub>C</sub> Rate:
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Jarour	actor of carrene fine nace.		
Accu	umulation Period Ending:		mm/dd/yy
1.	Total Energy Cost (CF+CPP-OSSR-W)		\$0
2.	Base Energy Cost	_	
	2.1 NBFC (\$/kWh)	х	\$0.0000
	2.2 Accumulation Period Sales kWh $(S_{\mathtt{AP}})$		0
3.	First Subtotal (12.)		\$0
4.	Customer Responsibility	х	95%
5.	Second Subtotal		\$0
6.	Adjustment for Interest plus Under / Over recovery for Prior Periods less Factor N: (I + R - N)	±	\$0
7.	Third Subtotal		\$0
8.	Estimated Recovery Period Sales kWh $(S_{RP})$	÷	0
9.	$\mathtt{FPA}_\mathtt{RP}$		\$0.0000
10.	$\mathtt{FPA}_{\mathtt{RP-1}}$	+	\$0.0000
11.	$\mathtt{FPA}_{\mathtt{RP-2}}$	+	\$0.0000
12.	$\mathtt{FPA}_\mathtt{C}$ (without Voltage Level Adjustment)		\$0.0000
13.	Voltage Level Adjustment Factor		
	13.1 Secondary	x	1.0789
	13.2 Primary	x	1.0459
	13.3 Large Transmission	х	1.0124
14.	$\mathtt{FPA}_\mathtt{C} \text{ (with voltage level adjustment)}$		
	14.1 Secondary		\$0.0000
	14.2 Primary		\$0.0000
	14.3 Large Transmission		\$0.0000

DATE OF ISSUE	September 3,	2010	DATE EFFECTIVE _	October 3,	2010
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# **ELECTRIC SERVICE**

	MO.P.S.C. SCHEDULE NO.	5	21st	Revised	SHEET NO.	99
CANCELLIN	NG MO.P.S.C. SCHEDULE NO.			Revised	SHEET NO.	99
APPLYING TO	MISS	OURI SERVIC	E 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 taking service at			ng demand	for custome	ers
*2.	A monthly credit taking service at			ng demand	for custome	ers
*Indicates (	Change.					