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	led 5(M)	39
Street & Outdoor Area Lighting - Customer-Ow	med 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.

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011

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

MO.P.S.C. SCHEDULE NO. 5	39th Revised	SHEET NO2
CANCELLING MO.P.S.C. SCHEDULE NO. 5	38th Revised	SHEET NO. 2
PPLYING TO MISSOU	RI SERVICE AREA	
SERVICE C	ASSIFICATION NO. 1(M)	
RESID	NTIAL SERVICE RATE	
* Rate Based on Monthly Meter Readir	gs	
Summer Rate (Applicable du	 ing 4 monthly billing	
	e through September)	
Customer Charge - per	nonth	\$8.00
Low-Income Pilot Progr	am Charge - per month	\$0.03
Energy Charge - per kW		10.59¢
Energy Efficiency Prog		0.07¢
<u>Winter Rate</u> (Applicable du periods of Oct	ober through May)	
Customer Charge - per		\$8.00
Low-Income Pilot Progr		\$0.03
Energy Charge - per kW		4 - 7 - 7
First 750 kWh	-	7.53¢
Over 750 kWh		5.02¢
Energy Efficiency Prog	ram Charge - per kWh	0.04¢
Optional Time-of-Day Rate		
Customer Charge - per	nonth	\$16.81
Low-Income Pilot Progr	am Charge - per month	\$ 0.03
Energy Charge - per kw	n (1)	
<del>-</del>	per billing periods)	
All On Peak		15.39¢
All Off Pea		6.30¢
Energy Efficiency E Winter (October-May	rogram Charge - per kWh	0.07¢
All On Peak		9.08¢
All Off Pea		4.49¢
	rogram Charge – per kWh	0.04¢
	peak hours applicable herein s er I, paragraph A.	shall be as
Fuel and Purchased Power Adjustion kilowatt-hours (kWh) of energy.	ment (Rider FAC). Applicabl	e to all metere
Payments. Bills are due and payobecome delinquent after twenty-one	ble within ten (10) days from (21) days from date of bill.	m date of bill ar
Term of Use. Initial period one days' notice.	(1) year, terminable therea	fter on three (3

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.

Issued pur	suant to the Order of th	e Mo.P.S.C in Case No. E	ER-2011-0028.
DATE OF ISSUE	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY	ELECTRICS	SERVICE			
MO.P.S.C. SCH	HEDULE NO. 5	27th I	Revised	SHEET NO.	32
CANCELLING MO.P.S.C. SCH	HEDULE NO. 5	26th E	Revised	SHEET NO.	32
APPLYING TO	MISSOURI SER	VICE AREA			
	SERVICE CLASSIFI	CATION NO. 2(M)	)		
	SMALL GENERAL		<u>'-</u>		
* Rate Based on Monthly N	Meter Readings				
	licable during 4 m				
	ge – per month Single Phase Servic	!e		\$9.74	
T	hree Phase Service	<u>:</u>		\$19.49	
Low-Income Pil	lot Program Charge	- per month		\$0.05	
Energy Charge	- per kWh			9.66¢	
Energy Efficie	ency Program Charge	e - per kWh (3)		0.02¢	
	licable during 8 m				
	ge - per month				
	ingle Phase Servic			\$9.74	
	hree Phase Service			\$19.49	
	lot Program Charge	- per month		\$0.05	
Energy Charge B	- per kWh Sase Use			7.20¢	
s	easonal Use(1)			4.17¢	
Energy Efficie	ency Program Charge	e - per kWh (3)		0.01¢	
Optional Time-of-Da	ay Rate				
	ge - per month Jingle Phase Servic	!e		\$19.53	
T	hree Phase Service	<u></u>		\$39.05	
Low-Income Pil	lot Program Charge	- per month		\$0.05	
Summer (	- per kWh (2) (June-September bil ll On Peak kWh	lling periods)		14.34¢	
A	ll Off Peak kWh			5.84¢	
Energy F	Efficiency Program	Charge - per kV	Wh (3)	0.02¢	
	October-May billir	ng periods)		0.441	
	all On Peak kWh			9.44¢	
	all Off Peak kWh	Claration later	·rl- (2)	4.33¢	
Energy F	Efficiency Program assonal energy use			0.01¢ ss of 1,000	kWh
preceding May	d in excess of the billing period, ly kWh use during a	or b) October	billing per	riod, or c)	
(2) On-peak and ( Rider I, paras		olicable herein	shall be a	as specified	in
(3) Not applicable Section 393.1	e to customers tha 075, RSMo.	t have satisfie	d the opt-ou	ıt provisions	of
Fuel and Purchased Pokilowatt-hours (kWh) of		Rider FAC). A	applicable t	to all mete	red
*Indicates Change.					

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028. DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

	MO.P.S.C. SCHEDULE NO5	30th Re	vised	SHEET NO	3
CANCELL	ING MO.P.S.C. SCHEDULE NO5	29th Re	vised	SHEET NO.	3
PPLYING TO	MISSOURI SERVI	ICE AREA			
	SERVICE CLASSIFIC	ATTON NO. 3(M	)		
	LARGE GENERAL S		_		
* Rate Base	d on Monthly Meter Readings				
Summe	<u>Rate</u> (Applicable during periods of June t				
	ustomer Charge - per month ow-Income Pilot Program Charg	e - per month		883.04	
E	nergy Charge - per kWh First 150 kWh per kW of Bil Next 200 kWh per kW of Bil All Over 350 kWh per kW of	ling Demand		9.30¢ 7.00¢ 4.70¢	
D	emand Charge - per kW of Tota	l Billing Dem	and \$	\$ 4.34	
E	nergy Efficiency Program Char	ge - per kWh	(1)	0.05¢	
C	<u>r Rate</u> (Applicable during periods of Octobe ustomer Charge - per month ow-Income Pilot Program Charg	r through May	)	\$83.04 \$ 0.50	
	ase Energy Charge - per kWh First 150 kWh per kW of Bas Next 200 kWh per kW of Bas All Over 350 kWh per kW of easonal Energy Charge - Seaso	e Demand Base Demand		5.86¢ 4.34¢ 3.41¢ 3.41¢	
D	emand Charge - per kW of Tota	l Billing Dem	and \$	1.61	
E	nergy Efficiency Program Char	ge - per kWh	(1)	0.03¢	
(1) No pr	et applicable to customers tha rovisions of Section 393.1075,	t have satisf RSMo.	ied the op	t-out	
Option	nal Time-of-Day Adjustments				
A	dditional Customer Charge - p	er Month	\$17.72 per	c month	
E	nergy Adjustment - per kWh		On-Peak Hours(2)		
	Summer kWh(June-September bil Winter kWh(October-May billing			-0.62¢ -0.19¢	
(	2) On-peak and off-peak hours specified in Rider I, parag		erein shall	be as	
Fuel and F	urchased Power Adjustment (Ri	ider FAC). Apr	olicable to	all mete	re
	ours (kWh) of energy.			30	_
*Indicates	Change.				
aguad numauan	t to the Order of the Mo.P.S.C i	n Case No. ER-2	2011-0028.		

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

	MO.P.S.C. SCH	EDULE NO. 5	37th R	evised	SHEET NO.	37
CANCE	LLING MO.P.S.C. SCH		36th R	evised	SHEET NO.	37
APPLYING TO		MISSOURI SER	RVICE AREA			
		SERVICE CLASSIF SMALL PRIMARY	ICATION NO. 4(N	<u>4)</u>		
* Rate Base	ed on Monthly	Meter Readings				
<u>Summe</u>	<u>r Rate</u>	(Applicable duri periods of June	_	_		
	Customer Char	rge - per month		:	\$272.23	
	Low-Income P:	ilot Program Cha	rge - per montl	h	\$0.50	
1	Next 200 ]	e - per kWh kWh per kW of Bi kWh per kW of Bi 50 kWh per kW of	lling Demand		8.97¢ 6.76¢ 4.54¢	
	_	e - per kW of To	tal Billing Der	mand	\$3.59	
		rge - per kVar iency Program Ch	arge - per kWh	(1)	32.00¢ 0.06¢	
		(Applicable duri periods of Octo	ng 8 monthly b	illing	0.007	
	Customer Char	rge - per month		:	\$272.23	
<u> </u>	Low-Income P:	ilot Program Cha	rge - per montl	h	\$0.50	
	First 150 l Next 200 l	Charge - per kWh kWh per kW of Ba kWh per kW of Ba 50 kWh per kW of	se Demand se Demand		5.65¢ 4.20¢ 3.29¢	
:	Seasonal Ener	rgy Charge - Sea	sonal kWh		3.29¢	
		e - per kW of To	tal Billing Der	mand	\$1.31	
		rge - per kVar			32.00¢	
]	Energy Effic	iency Program Ch	arge - per kWh	(1)	0.03¢	
		e to customers t Section 393.107		fied the op	t-out	
		<u>Day Adjustments</u> istomer Charge -	per Month	\$17.72 pe	r month	
I	Energy Adjust	ment - per kWh		On-Peak Hours(2)	Off-Peal Hours(2	
		Tune-September bioctober-May bill:		+0.80¢ +0.30¢		
		and Off-peak h within this se			shall be	as
	Purchased Pornours (kWh) c	wer Adjustment of energy.	( <u>Rider FAC)</u> . Ap	plicable to	o all mete	red
*Indicates	s Change.					
	-					
Issued pursua	nt to the Orde	er of the Mo.P.S.C	in Case No. ER-	2011-0028.		

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

UNION E	LECTRIC COMPANY	ELEC	TRIC SERV	CE			
	MO.P.S.C.SCHE	DULE NO. 5		28th Rev	ised	SHEET NO	39
	CANCELLING MO.P.S.C. SCH	EDULE NO. 5	<u></u>	27th Rev	ised	SHEET NO	39
APPLYING T	o	MISSOUR	I SERVICE	AREA			
		SERVICE CLA	ASSIFICATI	ON NO. 5(M)			
	STREET A			ring - COMPA	NY-OWNED		
* Do+o	nor Init nor Mont	h					
	per Unit per Mont and Fixture	.11					
A.	Standard horizo pole:	ntal burni	ng, enclo	sed luminai	re on exis	sting w	ood
	High Pressure Sc	dium		Mercury	Vapor (1)		
	<u>Lumens</u> Ra				<u>Rate</u>		
	9,500 \$1				\$10.1		
	25,500 \$1				\$14.6		
	50,000 \$2	5.15			\$26.1 \$52.3		
				108,000	ე გე∠.ა	2	
В.	Standard side m wood pole:	ounted, hoo	od with c	pen bottom o	glassware o	n exist	ing
	High Pressure Sc	dium		Mercur	ry Vapor (1)		
	Lumens Ra			·	ns Rate	=	
	5,800 \$8				\$8.22		
	9,500 \$8	.98		6,800	\$8.98		
C.	Standard post-to	p luminaire	e includir	g standard 1	7-foot post	:	
	High Pressure Sc	dium		Mercur	ry Vapor (1)		
	<u>Lumens</u> Ra			·	ns Rate	-	
				3,300	\$17.7	8	
	9,500 \$1	3.81		6,800	\$18.8	1	
D.	Pole-mounted, daccessible to Co			naire; limi	ted to ins	tallati	ons
	High Pressure Sc	dium	Metal Ha	lide	Mercury Va	por (1)	
	<u>Lumens</u> Ra		Lumens	Rate	Lumens	<u>Rate</u>	-
	25,500 \$1	3.62	34,000		20,000	\$18.6	52
	50,000 \$2	9.45	100,000	\$58.87	54,000	\$29.4	15
		acts initia ue to main	ated prion tain thes	to Septembe e lamps and	er 27, 1988	. Comp	any
*Indi	cates Change.						

Issued pur	rsuant to the Order of th	ne Mo.P.S.C. in Case No.	ER-2011-0028.
DATE OF ISSUE	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

MOPSC.SCHEDULENO. 5 25th Revised SHEETNO. 4 CANCELING MOPSC.SCHEDULE NO. 5 25th Revised SHEETNO. 4  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:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  Wood Pole \$ 3.84 per pole Ornamental Concrete Pole \$ 8.60 per pole Steel Breakaway Pole \$25.88 per pole Standard Two-Conductor Overhead Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$ 9.73 2,5500 " 13.13 4,000 " 15.15 6,000 " 12.84	INION EI	LECTRIC COMPANY ELECTRIC	SERVICE	
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:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole \$ 3.84 per pole Ornamental Concrete Pole \$ 8.60 per pole Steel Breakaway Pole \$25.88 per pole Standard Two-Conductor Overhead Cable \$ 1.19 per span Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Monthly Rate 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 5.15.15 6,000 " 15.15 16.82		MO.P.S.C. SCHEDULE NO. 5	26th Revised	SHEET NO4
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:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  *Monthly Rate  Wood Pole  \$ 1.860 per pole  Ornamental Concrete Pole  Steel Breakaway Pole  Standard Two-Conductor  Overhead Cable  Underground Cable Installed  In and Under Dirt  All Other Underground  Cable Installations  6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Monthly Rate  1,000 Lumens 2,500 " 13.13 4,000 " 15.15 6,000 " 15.82		CANCELLING MO.P.S.C. SCHEDULE NO5	25th Revised	SHEET NO4
E. All poles and cable, where required to provide lighting service:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole \$3.84 per pole Ornamental Concrete Pole \$8.60 per pole Steel Breakaway Pole \$25.88 per pole Standard Two-Conductor Overhead Cable \$1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$9.73 2,500 " 13.13 4,000 " 16.82	PPLYING TO	MISSOURI SE	RVICE AREA	
E. All poles and cable, where required to provide lighting service:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole \$3.84 per pole Ornamental Concrete Pole \$8.60 per pole Steel Breakaway Pole \$25.88 per pole Standard Two-Conductor Overhead Cable \$1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$9.73 2,500 " 13.13 4,000 " 16.82				
E. All poles and cable, where required to provide lighting service:  1. After September 27, 1988 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.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole \$3.84 per pole  Ornamental Concrete Pole \$8.60 per pole  Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Monthly Rate* 1,000 Lumens \$9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82				
1. After September 27, 1988 the installation of all standard pole and cables shall be paid for in advance by customer, with al subsequent replacements of said facilities provided by Company.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole  **Monthly Rate* *3.84 per pole  Ornamental Concrete Pole  \$ 8.60 per pole  Steel Breakaway Pole  \$ 25.88 per pole  Standard Two-Conductor Overhead Cable  In and Under Dirt  All Other Underground Cable Installed In and Under Dirt  All Other Underground Cable Installations  6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Monthly Rate*  1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		STREET AND OUTDOOR AREA LIGH	TING - COMPANY-OWNED (Con	<u>t'd.)</u>
and cables shall be paid for in advance by customer, with all subsequent replacements of said facilities provided by Company.  2. Installations prior to September 27, 1988:  **Monthly Rate* Wood Pole \$ 3.84 per pole  Ornamental Concrete Pole \$ 8.60 per pole  Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  **Per Unit* Monthly Rate* 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 15.15	E.	All poles and cable, where requ	uired to provide lighting	service:
*Monthly Rate  Wood Pole \$ 3.84 per pole  Ornamental Concrete Pole \$ 8.60 per pole  Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt \$ 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 16.82		and cables shall be paid	for in advance by custo	mer, with al
Wood Pole \$ 3.84 per pole  Ornamental Concrete Pole \$ 8.60 per pole  Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt \$ 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		2. Installations prior to Sep	tember 27, 1988:	
Ornamental Concrete Pole \$ 8.60 per pole  Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained by Company after June 30, 1981:  *Per Unit Monthly Rate 1,000 Lumens 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82			*Monthly Rate	
Steel Breakaway Pole \$25.88 per pole  Standard Two-Conductor Overhead Cable \$1.19 per span  Underground Cable Installed In and Under Dirt \$3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior t September 30, 1963, which facilities will not be maintained b Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		Wood Pole	\$ 3.84 per pole	
Standard Two-Conductor Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior t September 30, 1963, which facilities will not be maintained b Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		Ornamental Concrete Pole	\$ 8.60 per pole	
Overhead Cable \$ 1.19 per span  Underground Cable Installed In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior to September 30, 1963, which facilities will not be maintained be Company after June 30, 1981:  *Per Unit Monthly Rate  1,000 Lumens \$ 9.73  2,500 " 13.13  4,000 " 15.15  6,000 " 16.82		Steel Breakaway Pole	\$25.88 per pole	
In and Under Dirt 3.53¢ per foot  All Other Underground Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior t September 30, 1963, which facilities will not be maintained b Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82			\$ 1.19 per span	
Cable Installations 6.72¢ per foot  F. Incandescent lamps provided under contracts initiated prior t September 30, 1963, which facilities will not be maintained b Company after June 30, 1981:  *Per Unit  Lamp and Fixture  1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		2	3.53¢ per foot	
September 30, 1963, which facilities will not be maintained b Company after June 30, 1981:  *Per Unit Lamp and Fixture 1,000 Lumens 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		<del>-</del>	6.72¢ per foot	
Lamp and FixtureMonthly Rate1,000 Lumens\$ 9.732,500 "13.134,000 "15.156,000 "16.82	F.	September 30, 1963, which f		
1,000 Lumens \$ 9.73 2,500 " 13.13 4,000 " 15.15 6,000 " 16.82			*Per Un	nit
2,500 " 13.13 4,000 " 15.15 6,000 " 16.82		<del>-</del>	<del></del>	
4,000 " 15.15 6,000 " 16.82		·		
6,000 " 16.82		2,500		
10,000 " 22.84		6,000 "	16.82	2
		10,000 "	22.84	ł

\*Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028. DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

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.)

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	\$18.81
11,000 Lumens, Mercury Vapor, Open Bottom	8.98
11,000 Lumens, Mercury Vapor, Horizontal Enclosed	10.15
42,000 Lumens, Mercury Vapor, Horizontal Enclosed	26.15
16,000 Lumens, H.P. Sodium, Horizontal Enclosed	10.15
34,200 Lumens, H.P. Sodium, Directional(2)	18.62
140,000 Lumens, H.P. Sodium, Directional	58.87
20,000 Lumens, Metal Halide, Directional	18.62

(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.

<u>Discount for Franchised Municipal Customers</u>. 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.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028. DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER ADDRESS TITI F

# **ELECTRIC SERVICE**

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

# 

## \*Monthly Rate For Metered Service

Customer Charge Per Meter Energy Charge

\$5.76 per month 3.89¢ per kWh

# \*Rate Per Unit Per Month For Unmetered Service

Customer Charge per account

\$5.76 per month

H.P. Sodium		Energy & Maintenance (1)	Energy Only(2)
9,500 Lumens,	Standard	\$ 3.10	\$ 1.50
16,000 Lumens,	Standard	N/A	2.55
25,500 Lumens,	Standard	5.39	3.84
50,000 Lumens,	Standard	7.78	6.03
<u>Metal Halide</u>			
5,500 Lumens,	Standard	\$ 4.48	N/A
12,900 Lumens,	Standard	5.36	N/A
Mercury Vapor		<u>(3)</u>	
3,300 Lumens,	Standard	\$ 3.10	\$ 1.59
6,800 Lumens,	Standard	4.03	2.58
11,000 Lumens,	Standard	5.45	3.68
20,000 Lumens,	Standard	7.23	5.68
42,000 Lumens,	Standard	N/A	9.46
54,000 Lumens,	Standard	15.44	13.51

- \* (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.

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

<u>Discount For Franchised Municipal Customers</u>. 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.

Issued pu	rsuant to the Order of tl	ne Mo.P.S.C. in Case No.	ER-2011-0028.
DATE OF ISSU	EJuly 18, 2013	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

# UNION ELECTRIC COMPANY

# **ELECTRIC SERVICE**

MO.P.S.C. SCHED	ULE NO. 5		27th Revi	sed	SHEET NO.	50
CANCELLING MO.P.S.C. SCHED	ULE NO. 5		26th Revi	sed	SHEET NO.	50
PPLYING TO	MISSOURI SE	RVICE ARE	EΑ			
MUNI	SERVICE CLASSI CIPAL STREET LI RATE OF LIMI	GHTING -	INCANDESCE	<u>VT</u>		
*Rate per Lamp per Month						
			ncandescen			
	1,000 Lumen	2,500 Lumen	4,000 Lumen	6,000 Lumen	10,000 Lumen	
Wood Pole Rates	\$3.91	\$5.95	\$8.11	\$10.78	\$14.76	
Ornamental Pole. Add \$6.	42 per month ne	er pole to	ahowe Woo	d Dole Pat	9.0	
Offiamental Pole. Add 56.	42 per month pe	er pore co	above woo	u Pole Rati	es.	
* Customer-Owned Street Ligh	ting Facilities	s. Where	customer f	urnishes,	installs	and
owns all street lighting f	acilities, serv	vice will	be supplie	d as follo	ws:	
For Metered Service	:					
Customer Charge per	Meter		\$13.	41 per mon	th	
1) Secondary Servic	e		3.	91¢ per kW	'h	
2) Primary Service	- Rider C shall	be applie		-		
_				ativo omi	inmont m	otor
Customer shall ins loop, space and mou						scer
charge or tax levied by a be so designated and added the jurisdiction of the tax Payments. Bills are due a Term of Contract. Ten (10 for all of an initial or sagreement for the maximum and said agreement will periods unless terminated sixty (60) days prior to a	d as a separate axing authority and payable with by years. Custo succeeding ten-yeriod for who continue in by either par	e item to  nin ten (1  pomer, if r  year contr  tich it is  force the  tty by wr:	bills rend  0) days fr  ot legally  act term a  clegally a  reafter fo	om date of authorize t one time authorized or success	bill.  d to cont: , may sign to contrasive one-	ract n an act, year
sixty (00) days prior to a	my amidai ceim	inacion da				
*Indicates Change.						
	C +1	a ! =	c-	11 0000		
ssued pursuant to the Order TEOFISSUE July 18,			e No. ER-20 ECTIVE		17, 2011	
		= <b>=</b> =			.,	

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

MO.P.S.C	SCHEDULE NO. 5	20th Revised	SHEET NO55
CANCELLING MO.P.S.C	SCHEDULE NO. 5	19th Revised	SHEET NO. 55
APPLYING TO	MISSOURI SERVI	CE AREA	
	*This Sheet Reserved	d For Future Use	
*Indicates Change.			
		in Case No. ER-2011-00	

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

	P.S.C. SCHEDULE NO. 5	1st Revised	SHEET NO. 55.1
CANCELLING MO.	P.S.C. SCHEDULE NO. 5	Original	SHEET NO. 55.1
APPLYING TO	MISSOURI SERVI	CE AREA	
	*This Sheet Reserved	For Future Use	
*Indicates Chan	ge.		
T 1	o the Order of the Mo P S C	Comp No. ED 2011 00	200

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE \_\_\_\_\_\_ DATE EFFECTIVE \_\_\_\_\_ August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

	MO.P.S.C. SCHEDULE NO. 5	8th Revised	SHEET NO	56
C	CANCELLING MO.P.S.C. SCHEDULE NO5	7th Revised	SHEET NO.	56
APPLYING TO	MISSOURI SERVIC	E AREA		
	*This Sheet Reserved	For Future Use		
*Indic	ates Change.			
T	pursuant to the Order of the Mo P S C	i G N- ED 0011 0	0.00	

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

CANCELLING MOPS.C. SCHEDULE NO. 5 Sth Revised SHEET NO. 57  MISSOURI SERVICE AREA  *This Sheet Reserved For Future Use  *Indicates Change.	M	O.P.S.C. SCHEDULE NO. 5	6th Revised	SHEET NO.	57
*This Sheet Reserved For Future Use	CANCELLING M	O.P.S.C. SCHEDULE NO. 5	5th Revised	SHEET NO.	57
	APPLYING TO	MISSOURI SERVICE	E AREA		
*Indicates Change.		*This Sheet Reserved	For Future Use		
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
*Indicates Change.					
^indicates Change.	#T 11				
	*indicates Cha	nge.			

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE \_\_\_\_\_\_ DATE EFFECTIVE \_\_\_\_\_ August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

	MO.P.S.C. SCHEDULE NO. 5	20th Revised	SHEET NO58
CANCE	ELLING MO.P.S.C. SCHEDULE NO. 5	19th Revised	SHEET NO. 58
APPLYING TO	MISSOURI SER	VICE AREA	
	*This Sheet Reserv	red For Future Use	
*Indicate	s Change.		
T 3	suant to the Order of the Mo P S	G G N	0.0

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCH	HEDULE NO	5	14	th Revi	sed	SHEET NO.	67.1
CANCELLING MO.P.S.C.SCH	EDULE NO.	5	13	th Revi	sed	SHEET NO.	67.1
PPLYING TO	MISS	OURI SEI	RVICE AREA				
			ICATION NO. Y SERVICE RA				
* Rate Based on Monthly N Summer Rate	(Applicab	le during	4 monthly l				
Customer Charge	- per mo	nth			\$272	2.23	
Low-Income Pilo	t Program	Charge -	per month		\$50	0.00	
Energy Charge -	per kWh				3	3.04¢	
Demand Charge -	per kW o	f Billing	g Demand		\$18	3.16	
Reactive Charge	- per kV	ar			32	2.00¢	
Energy Efficien	cy Progra	m Charge	- per kWh (	1)	C	).01¢	
Winter Rate		_	g 8 monthly ler through Ma	_			
Customer Charge	- per mo	nth			\$272	2.23	
Low-Income Pilo	t Program	Charge -	per month		\$5	0.00	
Energy Charge -	per kWh				2	2.69¢	
Demand Charge -	per kW o	f Billing	g Demand		\$8	3.25	
Reactive Charge	- per kVa	ar			32	2.00¢	
Energy Efficien	_		- per kWh (	1)	C	).01¢	
(1) Not applicable t Section 393.1075		rs that h	nave satisfi	ed the c	pt-out p	rovisions o	f
Optional Time-of-Day	y Adjustme	ents_					
Additional Cust	omer Char	ge - per	month	\$1	17.72 per	month	
Energy Adjustme	nt - per }	ĸ₩h			n-Peak ours(2)	Off-Peak Hours(2)	
Summer kWh(Ju Winter kWh(Oo	_				⊦0.59¢ ⊦0.27¢	-0.33¢ -0.14¢	
(2) On-peak and within this	_			herein	shall be	e as speci	fied
Fuel and Purchased Power kilowatt-hours (kWh) of		ent (Ride	er FAC). App	olicable	to all m	netered	
Payments. Bills are du become delinquent after				=		of bill and	l
Term of Use. One (1) y	ear, term	inable tl	hereafter on	three	(3) days'	notice.	
Tax Adjustment. Any charge or tax levied by be so designated and active jurisdiction of the	y any tax lded as a	ing autho separate	item to bil	amount:	s billed	hereunder	will
*Indicates Change.							

Issued pu	ursuant to the Order of	the Mo.P.S.C. in Case No.	ER-2011-0028.
DATE OF ISSU	JEJuly 18, 20	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
_	NAME OF OFFICER	TITLE	ADDRESS

A. Recor Sheet Sheet Sheet Sheet Sheet Sheet Charge billi Custo Low-1 All B Charge bill: Custo Low-1 All B Charge problems and Similar charge	MISCELLANEOUS  MISCELLANEOUS  MISCELLANEOUS  No. 106, Par. B-3 (Annually No. 184, Par. I (Reconnection)  Lementary Service Minimum Mont	CHARGES  n Point  Recurring n of Servi		SHEET NO.	67.4
A. Record Sheet Sh	MISCELLANEOUS  Annection Charges per Connection  E No. 106, Par. B-3 (Annually 2000)  E No. 184, Par. I (Reconnection  Lementary Service Minimum Mont	CHARGES  n Point  Recurring n of Servi			
Sheet Sheet Sheet  *B. Suppl Sheet Charge billi Custo Low-1 All } Charge bill: Custo Low-1 All }  C. Servi charge probl	nnection Charges per Connection  No. 106, Par. B-3 (Annually No. 184, Par. I (Reconnection)  Lementary Service Minimum Mont	n Point Recurring n of Servi			
Sheet Sheet Sheet  *B. Suppl Sheet Charge billi Custo Low-1 All } Charge bill: Custo Low-1 All }  C. Servi charge probl	No. 106, Par. B-3 (Annually in No. 184, Par. I (Reconnection Lementary Service Minimum Mont	Recurring n of Servi		<b></b>	
*B. Suppl  Sheet  Charge billi  Custo Low-1 All h  Charge bill:  Custo Low-1 All h  Charge probl  Tax Adjustm similar char hereunder	e No. 184, Par. I (Reconnection	n of Servi			
Charge billing Custon Low-1 All Part Charge problem Tax Adjustmessimilar charge hereunder		. 7 ~1	,	\$30.00 \$30.00	
Charge billi Custo Low-1 All Formula Custo Low-1 All Formula Custo Low-1 All Formula Co. Servi charge problem Tax Adjustment Similar charge hereunder		nıy Charge	<u>:s</u>		
Custo Low-: All }  Charge bill:  Custo Low-: All }  C. Servi charge probl  Tax Adjustm similar chall hereunder	No. 103, Par. C-3				
Charge bill:  Custo Low-1 All }  C. Servi charge proble  Tax Adjustment similar character in the character is a similar character in the condense of the condense in the condense of the condense in the condense of the conde	ges applicable during 4 monthling periods of June through Se		Primary Se	ervice Rate	
Custo Low-1 All }  C. Servi charg probl  Tax Adjustm similar cha hereunder	omer Charge per month, plus Income Pilot Program Charge - kW @	per month	\$5	72.23 50.00 .8.16	
C. Servi charge probl	ges applicable during 8 monthl ing periods of October through		Primary Se	ervice Rate	
charg probl  Tax Adjustm similar chareunder	omer Charge per month, plus Income Pilot Program Charge - kW @	per month	\$5	72.23 50.00 58.25	
similar cha	ce Call Charge. Customer's ged a \$50.00 fee for a servi	ce call,	if it is		
	ment. Any license, franchis arge or tax levied by any taxi will be so designated and a o customers under the jurisdic	ng author. dded as a	ity on the separate	item to bi	led
*Indicates	Change.				

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

	MO. P. S. C. SCHEDULE NO	5 14th Rev:	ised s	SHEET NO.
	LING MO. P.S.C. SCHEDULE NO		ised s	SHEET NO.
PLYING TO	MISS	OURI SERVICE AREA		
		CLASSIFICATION NO. 12(M) RANSMISSION SERVICE RATE		
* <u>Rate Base</u>	d on Monthly Meter F	Readings		
Summer		during four (4) monthly June through September)	billing	
Cu	stomer Charge - per	month	\$272.23	
Lo	w-Income Pilot Progr	am Charge - per month	\$1,500.00	
De	mand Charge - per kW	of Billing Demand	\$13.42	
En	ergy Charge - per kw	ĭh	2.547	<b>‡</b>
Re	active Charge - per	kVar	32.000	<del>.</del>
Winter		during eight (8) monthly October through May)	billing	
Cu	stomer Charge - per	month	\$272.23	
Lo	w-Income Pilot Progr	am Charge - per month	\$1,500.00	
De	mand Charge - per kW	of Billing Demand	\$5.12	
En	ergy Charge - per kw	Th .	2.243	<b>‡</b>
Re	active Charge - per	kVar	32.000	÷
Option	al Time-of-Day Adjus	stments		
Ad	dditional Customer C	harge - per month	\$17.72	
Er	nergy Adjustment - p	er kWh	On-Peak Hours(1)	Off-Pea Hours(1
		ptember Billing Periods) -May Billing Periods)	+0.52¢ +0.23¢	-0.29¢ -0.13¢
(1		eak hours applicable here this service classificati		as
Fuel and	Durchased Power Adio	ustment (Rider FAC). Appl	icable to a	ll metere
	hours (kWh) of energ		readic co a	II mecere
* Indicates	Change.			

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011 ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri NAME OF OFFICER TITLE ADDRESS

	MO. P. S. C. SCHEDULE NO5	4th Re	vised SHEE	ET NO. 68.1
CANCELLIN	NG MO. P.S.C. SCHEDULE NO. 5	·	vised SHEE	
APPLYING TO	MISSOURI	SERVICE AREA		
		SIFICATION NO. 12(M N SERVICE RATE (Co		
from use shall be transmissi	ne Loss Rate. Compens of the transmission s in the form of ener ton owner(s) and compen er kWh after appropriate	ystem(s) outside ( gy solely supplic nsated by payment	Company's contr ed by Company at a monthly	ol area to the rate of
- F - F - C	Fransmission Service Reprovide service under the approval from the appropriate ("RTO") to incorporate integration. Transmission of requiremental provements of the service	this rate is condictional Transcription Transcription Transcription Service agoston that Company	tioned upon recansmission Organthin Company's reement withouconstruct, upgr	ceipt of nization Network ut the cade, or
* Indicates	Change.			
Issued pursuant DATE OF ISSUE	to the Order of the Mo.P. July 18, 2011	.S.C. in Case No. ER-	2011-0028. August 17,	2011

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.	98.8
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 Billed Revenues For Service Provided Between June 21, 2010 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), 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 FPAc 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:

\*\*Indicates Change.

Issued	-	the Mo.P.S.C in Case No.	
DATE OF ISSUE	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

## **ELECTRIC SERVICE**

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 Billed Revenues For Service Provided Between June 21, 2010 And The Day Before 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:

 ${\rm FPA_C}$  = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.

 ${\sf FPA}_{\sf RP}$  = 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.

 $\text{FPA}_{(\text{RP-2})} = \text{FPA Recovery Period rate component from FPA}_{\text{RP}}$  calculation prior to  $\text{FPA}_{(\text{RP-1})}$ , 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:
  - 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
- \*\* Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri

NAME OF OFFICER TILE ADDRESS

# **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 Billed Revenues For Service Provided Between June 21, 2010 And The Day Before 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;
- 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.

Issued	pursuant to the Order of	the Mo.P.S.C in Case No.	ER-2011-0028.
DATE OF ISSUE	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITI C	ADDRESS

# UNION ELECTRIC COMPANY

# **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 Billed Revenues For Service Provided Between June 21, 2010 And The Day Before 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
- \*\* Indicates Change.

Issued	pursuant to the Order of	the Mo.P.S.C in Case No.	ER-2011-0028.
DATE OF ISSUE _	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITI F	ADDRESS

	MO.P.S.C. SCHEDULE NO. 5	1st Revised	SHEET NO. 98.12
CANCEL	LING MO.P.S.C. SCHEDULE NO. 5	Original	SHEET NO. 98.12
YING TO	MISSOURI SE	RVICE AREA	
**(Applicak	FUEL AND PURCHASED POWER to Billed Revenues For Serv	-	
	balances created through in the true-up fillings factor R, below). Inte rate equal to the weigh Company's short-term defitems (i) through (i	provided for herein (a rest shall be calculat ted average interest r bt, applied to the mon	portion of ed monthly at a ate paid on the th-end balance
R	= Under/over recovery (if Recovery Periods as det adjustments, and modifi the Commission (other to already reflected in th prudence reviews or oth with interest as define	ermined for the FAC tr cations due to adjustm han the adjustment for e TS factor), as a res er disallowances and r	ue-up ents ordered by Taum Sauk as ult of required
$S_\mathtt{AP}$	= Supplied kWh during the to the applicable Filin the kWh reductions up t associated with the 12(	g Date, at the generat o the kWh of energy so	ion level, plus ld off-system
$S_\mathtt{RP}$	= Applicable Recovery Per level, subject to the F		the generation
NBFC	= Net Base Fuel Costs are Commission's order as the reflecting an adjustmen term TS) for the sum of the term CF), plus cost the term CPP), less rev (consistent with the te (consistent with the te per kWh, at the generat Company's retail rates. through September calent 1.236 cents per kWh. The through May calendar more cents per kWh.	he normalized test yea t for Taum Sauk, consi allowable fuel costs of purchased power (c enues from off-system rm OSSR), less adjust rms "S" and "W"), expr ion level, as included The NBFC rate applic dar months ("Summer NE he NBFC rate applicabl	r value (and stent with the (consistent with onsistent with sales ments essed in cents in the able to June FC Rate") is e to October

To determine the FPA rates applicable to the individual Service Classifications, the  $FPA_C$  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.

Issued	d pursuant to the Order of	the Mo.P.S.C in Case No.	ER-2011-0028.
DATE OF ISSUE	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	<u> St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

# UNION ELECTRIC COMPANY

## **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 Billed Revenues For Service Provided Between June 21, 2010 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, 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.

Issued	pursuant to the Order of	the Mo.P.S.C in Case No.	ER-2011-0028.
DATE OF ISSUE _	July 18, 2011	DATE EFFECTIVE	August 17, 2011
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
1330LD D1	Walliel H. Daktel	riesident & Cho	bc. Hours, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

# **ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 5 4th Revised SHEET NO. 98.14 CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_5\_\_

APPLYING TO

# MISSOURI SERVICE AREA

# RIDER FAC FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (CONT'D.) \*\*(Applicable through the billing month of September 2011)

* Calcul	ation of Current FPA <sub>c</sub> Rate:		
Accu	mulation Period Ending:		January 31, 2011
1.	Total Energy Cost (CF+CPP-OSSR-TS-S-W)		\$163,832,252
2.	Base Energy Cost	-	\$138,583,131
	2.1 NBFC (\$/kWh)	x	\$0.01044
	2.2 Accumulation Period Sales kWh $(S_{AP})$		13,274,246,228
3.	First Subtotal (12.)		\$25,249,121
4.	Customer Responsibility	x	95%
5.	Second Subtotal		\$23,986,665
6.	Adjustment for Interest plus Under / Over recovery for Prior Periods less Factor N: (+ R - N)	I ±	\$64,709
7.	Third Subtotal		\$24,051,374
8.	Estimated Recovery Period Sales kWh $(S_{RP})$	÷	41,442,815,629
9.	$\mathtt{FPA}_\mathtt{RP}$		\$0.00058
10.	$\mathtt{FPA}_\mathtt{RP-1}$	+	\$0.00154
11.	$\mathtt{FPA}_\mathtt{RP-2}$	+	\$0.00176
12.	$\mathtt{FPA}_\mathtt{C}$ (without Voltage Level Adjustment)		\$0.00388
13.	Voltage Level Adjustment Factor		
	13.1 Secondary	x	1.0789
	13.2 Primary	x	1.0459
	13.3 Large Transmission	x	1.0124
14.	$\mathtt{FPA}_\mathtt{C}$ (with voltage level adjustment)		
	14.1 Secondary		\$0.00419
	14.2 Primary		\$0.00406
	14.3 Large Transmission		\$0.00393

- \* Indicates Reissue.
- \*\* Indicates Change.

Issued	pursuant	to	the	Order	of	the	Mo.P.S.C.	in	Case	No.	ER-2011-00	28.		
DATE OF ISSUE	ı	Jul	y 18	3, 201	1		DATE	EFFE	CTIVE _		August	17,	2011	

# UNION ELECTRIC COMPANY

## **ELECTRIC SERVICE**

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

# 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

APPLYING TO

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:

	Accumulation Period (AP)	<u> Filing Date</u>	Recovery Period (RP)
	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  $FPA_{C}$  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:

Issued	pursuant	to	the	Order	of	the	Mo.	P.S	.C	in	Case	No.	ER-201	1-	0028.			
DATE OF ISSUE		Jul	y 18	, 201	1				DATE	EFF	ECTIVE		Au	.gu	st 17,	2011		
ISSUED BY	Warner 1	. т	222+	or.		Dν	oai	don	+ 2		ידי		C+		Louis	Micc	ouri	

## **ELECTRIC SERVICE**

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:

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

Effective with the Company's April 1, 2012 filing,  $FPA_C$  shall be revised to:

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

where:

 ${\sf FPA_C}$  = Fuel and Purchased Power Adjustment rate applicable starting with the Recovery Period following the applicable Filing Date.

 ${\rm FPA_{RP}}$  = FPA Recovery Period rate component calculated to recover under/over collection during the Accumulation Period that ended prior to the applicable Filing Date.

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

 $\text{FPA}_{(\text{RP}-2)} = \text{FPA Recovery Period rate component from FPA}_{\text{RP}}$  calculation prior to  $\text{FPA}_{(\text{RP}-1)}$ , 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, 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

ISSUED BY Warner L. Baxter
NAME OF OFFICER

President & CEO

St. Louis, Missouri

UNION ELECTRIC	COMPANY	ELECTRIC SEF	RVICE	
	MO.P.S.C. SCHEDULE	NO. 5	Original	SHEET NO. 98.17
CANCELLIN	G MO.P.S.C. SCHEDULE	NO		SHEET NO.
APPLYING TO		MISSOURI SERVI	CE AREA	
			<u>FAC</u> USTMENT CLAUSE (CO tive Date Of This Ta	
	calls, associon commis costs, and exportfo (ii) Number common reserv	caps, floors, ated with SO2 modity and trassions and fees ash disposal epenses resultiplic optimization the following 547: natural dity, oil, tranvation charges,	imitation, futures collars, and swap and fuel oil adjus nsportation costs, associated with prevenues and expening from fuel and ton activities; and costs reflected in gas generation cosportation, storag fuel losses, hedgs resulting from f	s), hedging costs tments included broker rice hedges, oil ses, and revenues ransportation  FERC Account sts related to e, capacity ing costs, and
	trans	portation portf	olio optimization	activities; and
	(iii) allowa		nues for ${ m SO}_2$ and ${ m NC}$	$ ho_{ m x}$ emission
	b) Costs Expens		t Number 518 (Nucl	ear Fuel
	555, 565, ar under MISO Scapacity characterity characterity characterity contains an electric operate insurance probability can be additionally expected repassets under	and 575, excluding achedules 10, 1 arges for control arges for a control a	eflected in FERC A ng MISO administra 6, 17, and 24, and acts with terms in ort sales to all M ales allocated to included in facto FERC Account Numbe e to the extent th s. Changes in rep e level reflected purchased power c chased power will insurance recover epted Accounting P	tive fees arising excluding excess of one issouri retail Missouri retail r "CPP" r 924 for ose premiums are lacement power in base rates osts. be reduced by ies qualifying as
OSSR =	= All revenues	s in FERC Accou	nt 447.	

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri

NAME OF OFFICER TITLE ADDRESS

UNION ELECTI	RIC COMPANY	ELECTRIC S	ERVICE	
	MO.P.S.C. SCHEDUI	LE NO. <u>5</u>	Original	SHEET NO. 98.18
CANCE	LLING MO.P.S.C. SCHEDUI	LE NO		SHEET NO.
APPLYING TO		MISSOURI SER	VICE AREA	
Applicable			E FAC DJUSTMENT CLAUSE (COM ective Date Of This Tar	
	Adjustment For Determinants:	r Reduction of	Service Classificat:	ion 12(M) Billing
	Classification monthly billing	n 12(M) fall b ng determinant tment to OSSR	billing determinants elow the level of non s as established in ( shall be made in acco	cmalized 12(M) Case No. ER-2011-
			n $40,000,000~\mathrm{kWh}$ in a see made to OSSR.	given month
	- All Of energy	f-System Sales	00 kWh or greater in revenues derived frem due to the entire R.	om all kWh of
W			he months, July 1, 20 $W''$ expires on June 30	
N	Accumulation sale of power level of 12 above) exce	on Period, (a) wer made possi 2(M) sales (as eeds (b) the r	hich, over the course revenues derived fro ble as a result of re addressed in the def eduction of 12(M) rev nues as determined in	om the off-system eductions in the Finition of OSSR venues compared
I	Fuel Costs energy supp Accumulation (ii) refunct below); and created the true-up fill below). In to the weig short-term	(adjusted for plied to Misson Period untiled due to prud discussion (iii) all uncough operation lings provided atterest shall ghted average debt, applied	i) the difference bet factor "W") and NBF0 uri retail customers I those costs have beence reviews (a portion of this FAC, as det for herein (a portion to the month-end ball preceding sentence.	C for all kWh of during an een recovered; ion of factor R, we balances termined in the on of factor R, we at a rate equal of the Company's

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028. DATE OF ISSUE \_\_\_\_\_\_ July 18, 2011 \_\_\_\_\_ DATE EFFECTIVE \_\_\_\_\_ August 17, 2011 ISSUED BY Warner L. Baxter
NAME OF OFFICER President & CEO

	MO.P.S.C. SCHEDULE NO. 5	Original	SHEET NO. 98.19
CANCEL	LING MO.P.S.C. SCHEDULE NO		SHEET NO
PPLYING TO	MISSOURI SERVI	ICE AREA	
	RIDER		
Applicable	FUEL AND PURCHASED POWER ADD To Service Provided On The Effec		
R	= Under/over recovery (if ar Recovery Periods as determ adjustments, and modificat the Commission , as a resu other disallowances and re- defined in item I.	nined for the FAC tr tions due to adjustm alt of required prud	ue-up ents ordered by ence reviews or
$S_\mathtt{AP}$	= kWh during the Accumulation applicable Filing Date, as component of the Company's (AMMO.UE or successor node the kWh of energy sold off OSSR adjustment above.	s measured by taking s load settled at it e), plus the kWh red	the retail s MISO CP node uctions up to
$S_{\mathtt{RP}}$	= Applicable Recovery Period expected retail component its MISO CP node (AMMO.UE FPA <sub>RP</sub> to be billed.	of the Company's lo	ad settled at
NBFC	September calendar months	normalized test years (consistent with wer (consistent with stem sales (consistent with the consistent with the passed on the retainth of the fuel run used in the fuel run used in the applicable to Ju ("Summer NBFC Rate" oplicable to October	r value for the the term CF), the term CPP), nt with the term eterm "W"), il kWh from the n part to the Company's ne through ) is 1.319 cents through May
Classifica	ne the FPA rates applicable t tions, the $FPA_{c}$ rate determined ltiplied by the following vol	ed in accordance wit	th the foregoing
Prim	ndary Voltage Service ary Voltage Service e Transmission Voltage Servic	1.059 1.023 e 0.990	34
rounded to	tes applicable to the individ the nearest 0.001 cents, to cable kWh billed.		

Issued pursuant to the Order of the Mo.P.S.C in Case No. ER-2011-0028. DATE OF ISSUE \_\_\_\_\_\_ July 18, 2011 \_\_\_\_\_ DATE EFFECTIVE \_\_\_\_\_ August 17, 2011 ISSUED BY Warner L. Baxter
NAME OF OFFICER President & CEO St. Louis, Missouri ADDRESS

## UNION ELECTRIC COMPANY

## **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. 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.

		D-		100	Qb I!	N/
DATE OF ISSUE	July 1	8, 2011	DATE EFF	ECTIVE	August 17,	2011
Issued	pursuant to the	Order of the	Mo.P.S.C in	Case No. E	R-2011-0028.	

NAME OF OFFICER

<u> President & CEO</u>

St. Louis, Missouri
ADDRESS

APPLYING TO

MO.P.S.C. SCHEDULE NO5	Original	SHEET NO. 98.21
CANCELLING MO.P.S.C. SCHEDULE NO.		SHEET NO.

RIDER FAC

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						
Calcula	ation of Current FPA <sub>C</sub> Rate:					
Accumulation Period Ending: , 201						
1.	Total Energy Cost (CF+CPP-OSSR-W)		\$			
2.	Base Energy Cost	_				
	2.1 NBFC (\$/kWh)	x	\$			
	2.2 Accumulation Period Sales kWh $(S_{\mathtt{AP}})$					
3.	First Subtotal (12.)		\$			
4.	Customer Responsibility	x	95%			
5.	Second Subtotal		\$			
6.	Adjustment for Interest plus Under / Over recovery for Prior Periods less Factor N (I + R - N)	±	\$			
7.	Third Subtotal		\$			
8.	Estimated Recovery Period Sales kWh $(S_{\text{RP}})$	÷				
9.	$\mathtt{FPA}_\mathtt{RP}$		\$			
10.	$\mathtt{FPA}_\mathtt{RP-1}$	+	\$			
11.	$\mathtt{FPA}_\mathtt{RP-2}$	+	\$			
12.	$\mathtt{FPA}_{\mathtt{C}} \hspace{0.1cm} (\mathtt{without} \hspace{0.1cm} \mathtt{Voltage} \hspace{0.1cm} \mathtt{Level} \hspace{0.1cm} \mathtt{Adjustment})$		\$			
13.	Voltage Level Adjustment Factor					
	13.1 Secondary	x	1.0557			
	13.2 Primary	x	1.0234			
	13.3 Large Transmission	x	0.9906			
14.	$\mathtt{FPA}_{\mathtt{C}} \text{ (with voltage level adjustment)}$					
	14.1 Secondary		\$			
	14.2 Primary		\$			
	14.3 Large Transmission		\$			

Issued pursuant to the Order of the Mo.P.S.C in case No. ER-2011-0028. DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011

UNION E	LECTRI	C COMPANY	ELECT	RIC SERV	ICE					
		MO.P.S.C. SCHEDULI	E NO. 5			21st Rev	ised	SHEET	NO	99
	CANCELL	ING MO.P.S.C. SCHEDULI	E NO5	_		20th Rev	ised	SHEET	NO	99
APPLYING T	0		MISSOURI	SERVICE	ARE	EA				
		DISCOUNTS APPL				O SUBSTATI		IED		
	deliv	e a Customer s very of power a any will allow	served un ind energ	nder rate y at a de	e sc	hedules 4 ery voltag	(M) or ge of 34	kV or 1	highe	r,
	*1.	A monthly cr taking servic				billing	demand	for cu	stome	rs
	*2.	A monthly cr taking servic					demand	for cu	stome	rs
*Indi	cates	Change.								

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2011-0028.

DATE OF ISSUE July 18, 2011 DATE EFFECTIVE August 17, 2011

ISSUED BY Warner L. Baxter
NAME OF OFFICER

President & CEO
TITLE

St. Louis, Missouri ADDRESS