

July 1, 2016

Mr. Morris Woodruff 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 Ameren Missouri (Ameren Missouri), File No. ER-2016-0179

Dear Mr. Woodruff:

Accompanying this letter for filing via the Commission's Electronic Filing and Information System (EFIS) are revised tariff sheets, which are designed to increase Ameren Missouri's gross annual electric revenues by approximately \$206.4 million, exclusive of applicable gross receipts, sales, franchise or occupational fees or taxes. The tariffs also rebase net energy costs to reflect changes in the net energy costs currently included in base rates, which absent the filing of this rate increase request, would have been included in periodic adjustments under Ameren Missouri's existing fuel adjustment clause (Rider FAC).

The accompanying tariff sheets are transmitted to you for filing as a revision of Union Electric Company's Schedule No. 6, Schedule of Rates for Electric Service:

<u>Filed</u>	Cancelling
2nd Revised Sheet No. 53	1st Revised Sheet No. 53
3rd Revised Sheet No. 54	2nd Revised Sheet No. 54
3rd Revised Sheet No. 54.1	2nd Revised Sheet No. 54.1
3rd Revised Sheet No. 55	2nd Revised Sheet No. 55
2nd Revised Sheet No. 55.1	1st Revised Sheet No. 55.1
2nd Revised Sheet No. 55.3	1st Revised Sheet No. 55.3
3rd Revised Sheet No. 56	2nd Revised Sheet No. 56
2nd Revised Sheet No. 56.1	1st Revised Sheet No. 56.1
3rd Revised Sheet No. 57	2nd Revised Sheet No. 57
2nd Revised Sheet No. 57.1	1st Revised Sheet No. 57.1
3rd Revised Sheet No. 58	2nd Revised Sheet No. 58
3rd Revised Sheet No. 58.1	2nd Revised Sheet No. 58.1
3rd Revised Sheet No. 58.2	2nd Revised Sheet No. 58.2
3rd Revised Sheet No. 59	2nd Revised Sheet No. 59

2nd Revised Sheet No. 59.1	1st Revised Sheet No. 59.1
1st Revised Sheet No. 59.3	Original Sheet No. 59.3
Original Sheet No. 59.4	
3rd Revised Sheet No. 61	2nd Revised Sheet No. 61
2nd Revised Sheet No. 61.1	1st Revised Sheet No. 61.1
3rd Revised Sheet No. 62	2nd Revised Sheet No. 62
1st Revised Sheet No. 62.2	Original Sheet No. 62.2
1st Revised Sheet No. 62.5	Original Sheet No. 62.5
2nd Revised Sheet No. 63	1st Revised Sheet No. 63
2nd Revised Sheet No. 70	1st Revised Sheet No. 70
1st Revised Sheet No. 74	Original Sheet No. 74
Original Sheet No. 74.1	
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Original Sheet No. 74.5	
Original Sheet No. 74.6	
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Original Sheet No. 74.8	
Original Sheet No. 74.9	
Original Sheet No. 74.10	
Original Sheet No. 74.11	
Original Sheet No. 74.12	
Original Sheet No. 74.13	
Original Sheet No. 74.14	
2nd Revised Sheet No. 75	1st Revised Sheet No. 75
1st Revised Sheet No. 78	Original Sheet No. 78
2nd Revised Sheet No. 91	1st Revised Sheet No. 91
1st Revised Sheet No. 91.3	Original Sheet No. 91.3
1st Revised Sheet No. 91.7	Original Sheet No. 91.7
1st Revised Sheet No. 92	Original Sheet No. 92
Original Sheet No. 92.1	
Original Sheet No. 92.2	
Original Sheet No. 92.3	
2nd Revised Sheet No. 95.1	1st Revised Sheet No. 95.1

1st Revised Sheet No. 129	Original Sheet No. 129
1st Revised Sheet No. 156	Original Sheet No. 156
1st Revised Sheet No. 160	Original Sheet No. 160
1st Revised Sheet No. 162	Original Sheet No. 162
1st Revised Sheet No. 165	Original Sheet No. 165
Original Sheet No. 165.1	
Original Sheet No. 165.2	

The above-listed tariff sheets bear an issue date of July 1, 2016, and an effective date of July 31, 2016.

Sincerely,

Wendy K. Tatro Director & Assistant General Counsel

cc: Missouri Public Service Commission Staff Counsel Office of the Public Counsel

ELECTRIC SERVICE

APPLYING TO	MISS	OURI	SERVICE	AREA					
(CANCELLING MO.P.S.C. SCHEDULE NO.	6			1st	Revised	SHEET NO.	53	
	MO.P.S.C. SCHEDULE NO.	6			2nd	Revised	SHEET NO.	53	

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^{*} Indicates Change.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6			3rd	Revised	SHEET NO.	54
	CANCELLING MO.P.S.C. SCHEDULE NO.	6			2nd	Revised	SHEET NO.	54
APPLYING TO	MTS	SOURT	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	\$8.00
** Energy Grid Access Charge - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	12.54¢
Energy Efficiency Program Charge - per kWh	0.09¢
Winter Rate (Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month	\$8.00
** Energy Grid Access Charge - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh	
First 750 kWh	8.91¢
Over 750 kWh	5.95¢
Energy Efficiency Program Charge - per kWh	0.05¢
Optional Time-of-Day Rate (Pilot)	
	40.00
Customer Charge - per month	\$8.00
** Energy Grid Access Charge - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$0.03
Energy Charge - per kWh (1)	
Summer (June-September billing periods)	21 27+
All On Peak kWh All Off Peak kWh	31.37¢
Winter (October-May billing periods)	7.84¢
First 750 kWh	8.91¢
Over 750 kWh	5.95¢
Energy Efficiency Program Charge - per kWh	
Summer (June-September billing periods)	0.09¢
Winter (October-May billing periods)	0.05¢
(1) On-peak and Off-peak hours applicable herein are:	
Peak hours - 2:00 P.M. to 7:00 P.M., Monday through	gh Friday.
Off-peak hours - 7:00 P.M. of Monday through Thursday	to
2:00 P.M. of the following day, and	from
7:00 P.M. Friday to 2:00 P.M. Monday	

* Indicates Change. **Indicates Addition.

DATE OF ISSUE	July 1, 2016	DATE EFFECTIVE	July 31, 2016
ISSUED BY	Michael Moehn NAME OF OFFICER	President TITLE	St. Louis, Missouri ADDRESS

ELECTRIC SERVICE

APPLYING TO	MIS	SOURI	SERVICE	AREA				
	CANCELLING MO.P.S.C. SCHEDULE NO	6			2nd	Revised	SHEET NO.	54.1
	MO.P.S.C. SCHEDULE NO.	6			3rd	Revised	SHEET NO.	54.1

SERVICE CLASSIFICATION NO. 1(M) RESIDENTIAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

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

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions or the low-income exemption provisions of Section 393.1075, RSMo.

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

 $\underline{\text{Term of Use}}$. 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.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6	_		3rd	Revised	SHEET NO.	55
	CANCELLING MO.P.S.C. SCHEDULE NO	6			2nd	Revised	SHEET NO.	55
APPLYING TO	MISSO	OURI	SERVICE	AREA				

SERVICE CLASSIFICATION NO. 2(M)

SMALL GENERAL SERVICE RATE

SMALL GENERAL SERVICE RATE	
E BASED ON MONTHLY METER READINGS	
Summer Rate (Applicable during 4 monthly billing	
periods of June through September)	
Customer Charge - per month	
Single Phase Service	\$10.75
Three Phase Service	\$21.49
Limited Unmetered Service	\$5.48
Energy Grid Access Charge (4) - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	11.40
Energy Efficiency Program Charge (3) - per kWh	0.03
Winter Rate (Applicable during 8 monthly billing	
periods of October through May)	
Customer Charge - per month	
Single Phase Service	\$10.75
Three Phase Service	\$21.49
Limited Unmetered Service	\$5.48
Energy Grid Access Charge (4) - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	
Base Use	8.50
Seasonal Use ⁽¹⁾	4.900
Energy Efficiency Program Charge ⁽³⁾ - per kWh	0.020
Optional Time-of-Day Rate	
Customer Charge - per month	
Single Phase Service	\$21.55
Three Phase Service	\$43.07
Limited Unmetered Service	\$5.48
Energy Grid Access Charge (4) - per month	\$4.89
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge ⁽²⁾ - per kWh	
Summer (June-September billing periods)	16.00
All On Peak kWh	16.93
All Off Peak kWh	6.90
Winter (October-May billing periods)	11 15
All On Peak kWh	11.15
All Off Peak kWh	5.120
Energy Efficiency Program Charge ⁽³⁾ - per kWh	0.00
Summer (June-September billing periods)	0.03
Winter (October-May billing periods)	0.02

- (1) The winter seasonal energy use shall be all kWh in excess of 1,000 kWh per month <u>and</u> in excess of the lesser of a) the kWh use during the preceding May billing period, or b) October billing period, or c) the maximum monthly kWh use during any preceding summer month.
- (2) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph $\mathtt{A}.$
- (3) Not applicable to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.
- (4) Not applicable to customers receiving Limited Unmetered Service.
- * Indicates Change.

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	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6			2nd	Revised	SHEET NO.	55.1
CANCELLING MO.P.S.C. SCHEDULE NO.	6			1st	Revised	SHEET NO.	55.1
APPLYING TO MIS	SSOURI	SERVICE	AREA				

SERVICE CLASSIFICATION NO. 2(M) SMALL GENERAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

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

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

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

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

<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.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

APPLYING TO	MIS	SOURI	SERVICE	AREA				
	CANCELLING MO.P.S.C. SCHEDULE NO.	6			1st	Revised	SHEET NO.	55.3
	MO.P.S.C. SCHEDULE NO.	6	_		2nd	Revised	SHEET NO.	55.3

SERVICE CLASSIFICATION NO. 2(M) SMALL GENERAL SERVICE RATE (Cont'd.)

6. OPTIONAL TIME-OF-DAY (TOD) SERVICE (Cont'd.)

- a. Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.
- d. Premises with 120 volt 2-wire service, or meter locations which would make monthly meter readings unusually difficult to obtain, do not qualify for this TOD option.

*7. LIMITED UNMETERED SERVICE

Where service is required for electrical loads which are constant over a predetermined operating schedule and can be reasonably estimated by Company, Company may at its sole discretion waive the metering requirement for the limited types of load referred to herein. In such instances Company would calculate monthly billing for these loads under Service Classification No. 2(M). Additionally, all other provisions of Service Classification 2(M) shall apply to these loads. Service supplied under the provisions of this paragraph is limited to loads of 5 kVA or less at any one service delivery point.

**8. GENERAL RULES AND REGULATIONS

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to the supply of service under this rate.

* Indicates Addition. ** Indicates Reissue.

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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6			3rd Revised	SHEET NO.	56
(CANCELLING MO.P.S.C. SCHEDULE NO.	6			2nd Revised	SHEET NO	56
APPLYING TO	MIS	SOURI	SERVICE	AREA			

SERVICE CLASSIFICATION NO. 3(M) LARGE GENERAL SERVICE RATE

*RATE BASED ON MONTHLY METER READINGS

Summer Rate (Applicable during 4 monthly billing periods of June through September)	
Customer Charge - per month	\$98.91
Low-Income Pilot Program Charge - per month	\$ 0.50
Energy Charge - per kWh First 150 kWh per kW of Billing Demand Next 200 kWh per kW of Billing Demand All Over 350 kWh per kW of Billing Demand	11.07¢ 8.33¢ 5.60¢
Demand Charge - per kW of Total Billing Demand	\$ 5.17
Energy Efficiency Program Charge - per kWh (1)	0.07¢
Winter Rate (Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month	\$98.91
Low-Income Pilot Program Charge - per month	\$ 0.50
Base Energy Charge - per kWh First 150 kWh per kW of Base Demand Next 200 kWh per kW of Base Demand All Over 350 kWh per kW of Base Demand	6.98¢ 5.17¢ 4.07¢
Seasonal Energy Charge - Seasonal kWh	4.07¢
Demand Charge - per kW of Total Billing Demand	\$ 1.92
Energy Efficiency Program Charge - per kWh (1)	0.04¢

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

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$21.95 per	month
Energy Adjustment - per kWh	On-Peak Hours(2)	Off-Peak Hours(2)
Summer kWh(June-September billing periods)	+1.31¢	-0.74¢
Winter kWh(October-May billing periods)	+0.40¢	-0.22¢

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

^{*} Indicates Change.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6	-		2nd	Revised	SHEET NO.	56.1
CANCELLING MO.P.S.C. SCHEDULE NO.	6	-		1st	Revised	SHEET NO.	56.1
APPLYING TO MIS	SOURI	SERVICE	AREA				

SERVICE CLASSIFICATION NO. 3(M) LARGE GENERAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

 $\frac{\text{Fuel and Purchased Power Adjustment (Rider FAC)}}{\text{hours (kWh) of energy.}} \quad \text{Applicable to all metered kilowatt-}$

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

* <u>Payments</u> Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

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

<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.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6			3rd Revised	SHEET NO.	57
CANCELLING MO.P.S.C. SCHEDULE NO.	6	_		2nd Revised	SHEET NO.	57
APPLYING TO MIS	SOURI	SERVICE	AREA			

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

*RATE BASED ON MONTHLY METER READINGS

Summer Rate (Applicable during 4 monthly billing periods of June through September)	
Customer Charge - per month	\$337.28
Low-Income Pilot Program Charge - per month	\$ 0.50
Energy Charge - per kWh First 150 kWh per kW of Billing Demand Next 200 kWh per kW of Billing Demand All Over 350 kWh per kW of Billing Demand	10.72¢ 8.07¢ 5.41¢
Demand Charge - per kW of Total Billing Demand	\$ 4.29
Reactive Charge - per kVar	40.00¢
Energy Efficiency Program Charge - per kWh (1)	0.07¢
Winter Rate (Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month	\$337.28
Low-Income Pilot Program Charge - per month	\$ 0.50
Base Energy Charge - per kWh First 150 kWh per kW of Base Demand Next 200 kWh per kW of Base Demand All Over 350 kWh per kW of Base Demand	6.75¢ 5.02¢ 3.92¢
Seasonal Energy Charge - Seasonal kWh	3.92¢
Demand Charge - per kW of Total Billing Demand	\$ 1.55
Reactive Charge - per kVar	40.00¢
Energy Efficiency Program Charge - per kWh (1)	0.04¢

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

Optional Time-of-Day Adjustments

Additional Customer Charge - per Month	\$21.95 per	month
Energy Adjustment - per kWh	On-Peak Hours(2)	Off-Peak Hours(2)
Summer kWh(June-September billing periods)	+0.95¢	-0.54¢
Winter kWh(October-May billing periods)	+0.35¢	-0.19¢

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

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ELECTRIC SERVICE

CANCELLING MO.P.S.C. SCHEDULE NO.	6		1	lst	Revised	SHEET NO.	57.1
PPLYING TO MIS	SOURI	SERVICE	AREA				

SERVICE CLASSIFICATION NO. 4(M) SMALL PRIMARY SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

 $\frac{\text{Fuel and Purchased Power Adjustment (Rider FAC)}}{\text{hours (kWh) of energy.}} \quad \text{Applicable to all metered kilowatt-}$

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

* <u>Payments</u> Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use 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.

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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6			3rd	Revised	SHEET NO.	58
	CANCELLING MO.P.S.C. SCHEDULE NO.	6			2nd	Revised	SHEET NO.	58
APPLYING TO	MIS	SOURI	SERVICE	AREA				

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

* RATE PER UNIT PER MONTH LAMP AND FIXTURE

The Light Emitting Diode (LED) offerings under section A. below will be made available to customers beginning on or about April 1, 2016.

* A. LED bracket mounted luminaire on existing wood pole:

Identification	Rate
100W Equivalent (1)	\$10.59
250W Equivalent (1)	\$17.16
400W Equivalent (1)	\$31.74

- (1) The equivalent wattage represents the rating of the high pressure sodium lamp that the LED replaces.
- * The High Pressure Sodium and Mercury Vapor offerings under sections B. and C. below will only be available for new installations through on or about March 31, 2016. After such time, Company will replace these existing fixtures, upon failure, with an LED fixture under section A.
- ** B. Standard horizontal burning, enclosed luminaire on existing wood pole:

High Pressu	ıre Sodium	Mercury	Vapor
Lumens	Rate*	Lumens	Rate*
9,500	\$13.25	6,800	\$13.25
25,500	\$19.14	20,000	\$19.14
50,000	\$34.13	54,000	\$34.13

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

High Pressure Sodium		Mercury Vapor		
Lumens	Rate*	Lumens	Rate*	
5,800	\$10.73	3,300	\$10.73	
9,500	\$11.72	6,800	\$11.72	

** D. Standard post-top luminaire including standard 17-foot post:

High Pressu	ıre Sodium	Mercury Va	por (1)
Lumens	Rate*	Lumens	Rate*
9,500	\$24.30	3,300	\$22.97
		6,800	\$24.30

*Indicates Change. **Indicates Reissue.

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ISSUED BY	Michael Moehn NAME OF OFFICER	President TITLE	St. Louis, Missouri ADDRESS

ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6		3rd	Revised	SHEET NO.	58.1
CANCEL	LING MO.P.S.C. SCHEDULE NO.	6		2nd	Revised	SHEET NO.	58.1
APPLYING TO	MIS	SOURI	SERVICE	AREA			

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

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

High Pressure Sodium		Metal Ha	alide	Mercury Vapor (1)		
Lumens	Rate*	Lumens	Rate*	Lumens	Rate*	
25,500	\$24.30	34,000	\$24.30	20,000	\$24.30	
50,000	\$38.43	100,000	\$76.82	54,000	\$38.43	

- (1) Mercury Vapor lamps and fixtures are limited to customers served under contracts initiated prior to September 27, 1988. Company will continue to maintain these lamps and fixtures so long as parts are economically available.
- ** F. All poles and cable, where required to provide lighting service:

 The installation of all standard poles and cables shall be paid for in advance by customer, with all subsequent replacements of said facilities provided by Company.
- ** 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, Open Bottom	\$11.72
140,000 Lumens, H.P. Sodium, Directional	\$76.82

*Dar IIni+

<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.

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ELECTRIC SERVICE

APPLYING TO	MIS	SOURI	SERVICE	AREA				
CA	ANCELLING MO.P.S.C. SCHEDULE NO	6			2nd	Revised	SHEET NO.	58.2
	MO.P.S.C. SCHEDULE NO.	6			3rd	Revised	SHEET NO.	58.2

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

** <u>Payments</u> Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

 $\underline{\text{Tax Adjustment}}$ 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.

Fuel and Purchased Power Adjustment (Rider FAC) The kilowatt-hours for lighting service provided under the terms of this Service Classification shall be subject to the provisions of Company's Fuel and Purchased Power Adjustment Clause (Rider FAC). The kilowatt-hour consumption of each lamp, whose operating hours are determined by a photoelectric control, shall be determined from the manufacturer's rated wattage multiplied by the number of hours of operation for the month, in accordance with the following schedules:

* LED (Watts)	* LED (Watts)	Billing Month	Burning Hours
100W Equivalent	48	January	408
250W Equivalent	88	February	347
400W Equivalent	195	March	346
		April	301
Lamp Size (Lumens)	Rating (Watts)	May	279
		June	255
H. P. Sodium		July	272
5,800	70	August	298
9,500	120	September	322
16,000	202	October	368
25,500	307	November	387
50,000	482	December	417
140,000	1000		
Mercury Vapor			
3,300	127		
6,800	207		
11,000	294		
20,000	455		
42,000	700		
54,000	1080		
Metal Halide			
34,000	450		
100,000	1100		

^{*}Indicates Change. **Indicates Addition.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6	_		3rd Revised	SHEET NO.	59
	CANCELLING MO.P.S.C. SCHEDULE NO.	6	_		2nd Revised	SHEET NO.	59
ADDI VING TO	MTC	G ∩IIDT	CEDVICE	λοπλ			

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

* MONTHLY RATE FOR METERED SERVICE

Customer Charge Per Meter Energy Charge \$7.38 per month 4.99¢ per kWh

* RATE PER UNIT PER MONTH FOR UNMETERED SERVICE

	Energy &	
H.P. Sodium	<pre>Maintenance(1)</pre>	<pre>Energy Only(2)</pre>
9,500 Lumens, Standard	\$ 4.02	\$ 1.95
25,500 Lumens, Standard	\$ 6.99	\$ 4.98
50,000 Lumens, Standard	\$10.10	\$ 7.83
Metal Halide		
5,500 Lumens, Standard	\$ 5.81	N/A
12,900 Lumens, Standard	\$ 6.96	N/A
Mercury Vapor	(3)	
3,300 Lumens, Standard	\$ 4.02	\$ 2.06
6,800 Lumens, Standard	\$ 5.23	\$ 3.35
11,000 Lumens, Standard	\$ 7.08	\$ 4.78
20,000 Lumens, Standard	\$ 9.38	\$ 7.37
54,000 Lumens, Standard	\$20.04	\$17.53
Light Emitting Diodes (LED)		Energy Only

Energy Charge - per rated wattage per month

1.68¢

- *(1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required. In conjunction with the Company's conversion of its Company-Owned lights to LED, Company anticipates eliminating 6(M) Energy & Maintenance service in the future but not prior to 6/1/2022. Customers remaining on Energy & Maintenance at that time will be transitioned to Energy Only service.
 - (2) Limited to lamps served under contracts initiated prior to September 27, 1988.
 - (3) Maintenance of lamps and fixtures limited to customers served under contracts prior to November 15, 1991.
- N/A Not Available.

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

<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.

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ISSUED BY	Michael Moehn NAME OF OFFICER	President TITLE	St. Louis, Missouri ADDRESS

ELECTRIC SERVICE

APPLYING TO	MIS	SOURI	SERVICE	AREA				
(CANCELLING MO.P.S.C. SCHEDULE NO	6			1st	Revised	SHEET NO.	59.1
	MO.P.S.C. SCHEDULE NO.	6			2nd	Revised	SHEET NO.	59.1

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

Discount For Franchised Municipal Customers (Cont'd.) 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.

Fuel and Purchased Power Adjustment (Rider FAC) The kilowatt-hours for lighting service provided under the terms of this Service Classification shall be subject to the provisions of Company's Fuel and Purchased Power Adjustment Clause (Rider FAC). The kilowatt-hour consumption of each lamp, whose operating hours are determined by a photoelectric control, shall be determined from the manufacturer's rated wattage multiplied by the number of hours of operation for the month, in accordance with the following schedules:

Lamp Size	Rating	Billing	Burning
(Lumens)	(Watts)	Month	Hours
*H. P. Sodium		January	408
9,500	120	February	347
25,500	307	March	346
50,000	482	April	301
		May	279
		June	255
*Mercury Vapor		July	272
3,300	127	August	298
6,800	207	September	322
11,000	294	October	368
20,000	455	November	387
54,000	1080	December	417
Metal Halide			
5,500	122		
12,900	206		

^{*}Light Emitting Diodes (LED)

Based on the rated wattage of individual customer lights.

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

 $\underline{\text{Tax Adjustment}}$ 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. **Indicates Addition.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO	06		1st Revised	SHEET NO.	59.3
CANCELLING MO.P.S.C. SCHEDULE NO	06		Original	SHEET NO.	59.3
APPLYING TO MI	SSOURI	SERVICE AREA			

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

3. GENERAL PROVISIONS (Cont'd.)

- e. Customer shall furnish to Company, without cost to Company and on forms suitable to it, or customer shall reimburse Company for all costs incurred in obtaining all rights, permits and easements necessary to permit the installation and maintenance of Company's facilities on, over, under and across both public and private property where and as needed by Company in providing service hereunder.
- f. Customer shall notify Company immediately if any changes are made in customer's installation.
- g. Company may refuse to make the initial connection or may discontinue service to any installation if there is any engineering, construction, safety, legal or practical reason for doing so.
- h. In case of destruction or damage of customer's property hereunder due to highway accidents, storm damage or other similar causes or where replacement of equipment other than as provided above is required, Company, upon receipt of either written or verbal instructions from customer, may at its option, effect the necessary repairs or replacement of the damaged equipment to place it in normal operating condition. Such repairs will be made with parts supplied by customer or, where applicable, with suitable standard items carried in Company stores. Customer shall reimburse Company for such work at the Company's current Productive manhour rate including applicable overhead for all labor expended and 1.2 times all direct costs or charges incurred by Company for all materials and any related items. All charges and payments hereunder shall be in addition to the monthly charge for normal maintenance.
- *i. For unmetered service, Company shall have the right to verify or audit the type and/or rated wattage of lights installed.

* 4. LIMITED LED CONVERSION OPTION AND GRANDFATHERING PROVISION

Customer-owned horizontal enclosed or open bottom lights which were installed on Company distribution poles and billed under this Service Classification on or before July 31, 2016 are eligible for participation in a LED lighting conversion program.

If customer elects this LED conversion option, the Company will replace existing fixtures, upon failure of the bulb, and/or the lighting fixture or apparatus with an equivalent LED fixture. The Company will install, own and operate and maintain the LED fixture, mast, and wiring. Customer shall continue to receive service under this Service Classification 6(M) subject to being billed the following applicable monthly charges:

* Indicates Addition.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6	-		Original	SHEET NO.	59.4
CANCELLING MO.P.S.C. SCHEDULE NO.					SHEET NO.	
APPLYING TO MIS:	SOURI	SERVICE	AREA			

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

* 4. LIMITED LED CONVERSION OPTION AND GRANDFATHERING PROVISION (Cont'd.)

The monthly unmetered energy-only 6(M) LED rate plus,

\$2.76 per month for a 100 watt equivalent LED fixture;

\$3.58 per month for a 250 watt equivalent LED fixture;

\$6.32 per month for a 400 watt equivalent LED fixture.

In addition, all other applicable charges under this Service Classification 6(M) shall apply.

If customer requests, in writing, the termination of all or a portion of converted LEDs under this provision within ten years of the installation of the LED being terminated, customer shall pay in advance to Company \$100.00 per fixture for both the removal costs associated therewith and the loss of the remaining life value of such facilities. If said request for termination is made after the above ten year in-service period, and customer requests a new lighting installation within twelve months after the removal of the prior terminated lighting facilities, customer shall pay the amount specified earlier in this paragraph for all facilities previously removed prior to Company making any new lighting installation.

** 5. GENERAL RULES AND REGULATIONS

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to service supplied under this Service Classification.

^{*} Indicates Addition. ** Indicates Reissue.

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ELECTRIC SERVICE

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 61 APPLYING TO MISSOURI SERVICE AREA		MO.P.S.C. SCHEDULE NO	6			3rd	Revised	SHEET NO.	61
APPLYING TO MISSOURI SERVICE AREA		CANCELLING MO.P.S.C. SCHEDULE NO	6			2nd	Revised	SHEET NO.	61
	APPLYING TO	MISS	SOURI	SERVICE	AREA				

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

*RATE BASED ON MONTHLY METER READINGS

Summer Rate (Applicable during 4 monthly billing periods of June through September)	
Customer Charge - per month	\$337.28
Low-Income Pilot Program Charge - per month	\$ 50.00
Energy Charge - per kWh	3.68¢
Demand Charge - per kW of Billing Demand	\$ 21.98
Reactive Charge - per kVar	40.00¢
Energy Efficiency Program Charge - per kWh (1)	0.02¢
Winter Rate (Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month	\$337.28
Low-Income Pilot Program Charge - per month	\$ 50.00
Energy Charge - per kWh	3.26¢
Demand Charge - per kW of Billing Demand	\$ 9.98
Reactive Charge - per kVar	40.00¢
Energy Efficiency Program Charge - per kWh (1)	0.01¢

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

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$21.95 per month		
Energy Adjustment - per kWh	On-Peak	Off-Peak	
	Hours(2)	Hours(2)	
Summer kWh(June-September billing periods)	+0.71¢	-0.40¢	
Winter kWh(October-May billing periods)	+0.33¢	-0.17¢	

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

^{*} Indicates Change.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri
·	NAME OF OFFICER	TITLE	ADDRESS

ELECTRIC SERVICE

APPLYING TO	MIS	SOURI	SERVICE	AREA				
	CANCELLING MO.P.S.C. SCHEDULE NO.	6			1st Re	evised	SHEET NO.	61.1
	MO.P.S.C. SCHEDULE NO.	6	-		2nd Re	evised	SHEET NO.	61.1

SERVICE CLASSIFICATION NO. 11(M) LARGE PRIMARY SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

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

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

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

Term of Use. 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.

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ISSUED BY	Michael Moehn	President	St. Louis, Missouri		
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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6			3rd	Revised	SHEET NO.	62
CANCE	ELLING MO.P.S.C. SCHEDULE NO	6			2nd	Revised	SHEET NO.	62
APPLYING TO	MIS	SOURI	SERVICE	AREA				

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

*RATE BASED ON MONTHLY METER READINGS

ATE BASED ON MONTHLE METER READINGS		
Summer Rate (Applicable during four (4) monthly billing periods of June through September)		
Customer Charge - per month	\$337.2	28
Low-Income Pilot Program Charge - per month	\$1,500.0	00
Demand Charge - per kW of Billing Demand	\$16.2	20
Energy Charge - per kWh	3.0)76¢
Reactive Charge - per kVar	40.0	000¢
Winter Rate (Applicable during eight (8) monthly billing periods of October through May)	ţ	
Customer Charge - per month	\$337.2	28
Low-Income Pilot Program Charge - per month	\$1,500.0	00
Demand Charge - per kW of Billing Demand	\$6.1	19
Energy Charge - per kWh	2.7	708¢
Reactive Charge - per kVar	40.0	000¢
Optional Time-of-Day Adjustments		
Additional Customer Charge - per month	\$21.9	95
Energy Adjustment - per kWh	n-Peak	Off-Pea

Energy Adjustment - per kWh	On-Peak	Off-Peak
	Hours(1)	Hours(1)
Summer kWh (June-September Billing Periods)	+0.71¢	-0.40¢
Winter kWh (October-May Billing Periods)	+0.32¢	-0.17¢

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

- *Energy Line Loss Rate Compensation for customer's energy line losses from use of the transmission system(s) outside Company's control area shall be in the form of energy solely supplied by Company to the transmission owner(s) and compensated by payment at a monthly rate of \$0.0416 per kWh after appropriate Rider C adjustment of meter readings.
- * Indicates Change.

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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6		1st Revised	SHEET NO.	62.2
CAI	NCELLING MO.P.S.C. SCHEDULE NO.	6		Original	SHEET NO.	62.2
APPLYING TO	MIS	SOURI	SERVICE	AREA		

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

* 3. PAYMENTS

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

4. CONTRACT TERM

A customer taking service under this rate shall agree to an initial Contract Term of 15 years. The Contract Term shall be extended in one-year increments unless or until the contract is terminated at the end of the Contract Term or any annual extension thereof by a written notice of termination given by either party or received not later than five years prior to the date of termination. During the Contract Term, a customer taking service under this rate agrees that Company shall be the exclusive supplier of power and energy to customer's premises, and waives any right or entitlement by virtue of any law, including but not limited to Section 91.026 RSMo as it now exists or as amended from time to time, statute, rule, regulation, or tariff, to purchase, acquire or take delivery of power and energy from any other person or entity.

5. 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.

6. RATE APPLICATION

This rate shall be applicable, at customer's request, to any customer that 1) meets the Rate Application conditions of the Large Primary Service rate, 2) can demonstrate to Company's satisfaction that such energy was routinely consumed at a load factor of 95% or higher or that customer will, in the ordinary course of its operations, operate at a similar load factor, 3) if necessary, arranges and pays for transmission service for the delivery of electricity over the transmission facilities of a third party, 4) does not require use of Company's distribution system or distribution arrangements that are provided by Company at Company's cost, excepting Company's metering equipment, for service to customer, and 5) meets all other required terms and conditions of the rate.

7. CHARACTER OF SERVICE SUPPLIED

Company will supply a standard three-phase alternating current transmission service voltage. The appropriate adjustments under Rider C will apply; however, there will be no adjustments under Rider B.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6			1st Revised	SHEET NO.	62.5
CANCELLING MO.P.S.C. SCHEDULE NO.	6			Original	SHEET NO.	62.5
APPLYING TO MIS	SSOURI	SERVICE	AREA			

SERVICE CLASSIFICATION NO. 13(M) INDUSTRIAL ALUMINUM SMELTER (IAS) SERVICE RATE

AVAILIBILITY

This rate is only available for electricity consumed at Noranda Aluminum, Inc.'s ("Noranda") aluminum smelting facility in New Madrid County, which immediately prior to the inception of this Service Classification No. 13(M) received service under Service Classification No. 12(M) - Large Transmission Service.

* RATE BASED ON MONTHLY METER READINGS

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

Low-Income Pilot Program Charge - per month \$1,500.00

Energy Charge - per kWh 4.756¢

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

Low-Income Pilot Program Charge - per month \$1,500.00

Energy Charge - per kWh 3.232¢

FUEL AND PURCHASED POWER ADJUSTMENT (RIDER FAC)

Applicable to all metered kilowatt-hours of energy.

The FAR applicable to this Service Classification for all kWh of energy consumed by Noranda prior to the effective date of this rate schedule shall be FAR_{TRAN} (as calculated under Rider FAC applicable to that period).

The FAR applicable to this Service Classification for all kWh consumed by Noranda on and after the effective date of this rate schedule and prior to the date a positive or negative FAR_{IAS} is in effect under Rider FAC, will be the lesser of FAR_{TRAN} (as calculated under the Rider FAC applicable to that period) or \$0.00200 per kWh. Thereafter, FAR_{TAS} shall be applicable to all kWh consumed by Noranda.

TERM OF USE

This Service Classification has an initial term of three (3) years and shall remain in effect after the expiration of said term until such time that the Commission orders otherwise in a Company general rate proceeding. However, effective with any order of the Missouri Public Service Commission finding that Noranda failed to materially comply with the terms and conditions applicable to Noranda's option to take service under this Service Classification, as set forth in the Commission's Order in Case No. ER-2014-0258, the rate under this Service Classification shall no longer be available to Noranda and Noranda shall instead take service under the Company's Service Classification 12(M) - Large Transmission Service.

OTHER PROVISIONS

The provisions in paragraphs 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 in Service Classification 12(M), Large Transmission Service Rate, shall also apply; provided that use of this optional rate shall not cause a change in the term of the existing contract between Noranda and Company.

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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO.	6	_		2nd	Revised	SHEET NO.	63
(CANCELLING MO.P.S.C. SCHEDULE NO	6	-		1st	Revised	SHEET NO.	63
APPLYING TO	MISS	OURI	SERVICE	AREA				

MISCELLANEOUS CHARGES

A. Reconnection Charges per Connection Point

Sheet No. 79, Par. B-3 (Annually Recurring Service) \$30.00 Sheet No. 145, Par. I (Reconnection of Service) \$30.00

* B. Supplementary Service Minimum Monthly Charges

Sheet No. 78, Par. C-3

Charges applicable during 4 monthly billing periods of June through September	Primary Service Rate
Customer Charge per month, plus Low-Income Pilot Program Charge - per month	\$337.28 \$50.00
All kW @	\$21.98
Charges applicable during 8 monthly billing periods of October through May	Primary Service Rate
Customer Charge per month, plus	\$337.28
Low-Income Pilot Program Charge - per month All kW @	\$50.00 \$9.98

C. Service Call Charge

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

<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.

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UNION ELECTRIC COMPANY ELECTRIC SERVICE

MO.P.S.C. SCHED	_	6			Revised	SHEET NO.	70	
CANCELLING MO.P.S.C. SCHED APPLYING TO	_	SOURT	SERVICE	 IST	Revised	SHEET NO	70	

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^{*} Indicates Addition.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO	6	_	1st Revised	SHEET NO.	74
CANCELLING MO.P.S.C. SCHEDULE NO	6	-	Original	SHEET NO.	74
APPLYING TO MI	SSOURI	SERVICE	AREA		

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet 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), 11(M), 12(M), and 13(M).

* Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation and emissions costs and revenues, net of off-system sales revenues (OSSR) (i.e., Actual Net Energy Costs (ANEC)), and the amount of those costs recovered in base rates (B), calculated and recovered as provided for herein.

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

Accumulation Period (AP)

February through May

June through September

October through January

Recovery Period (RP)
October through May
February through September
June through January

AP means the four (4) calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR).

RP means the billing months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage.

The Company will make a FAR filing no later than sixty (60) days prior to the first billing cycle read date of the applicable Recovery Period above. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

FAR DETERMINATION

Ninety five percent (95%) of the difference between ANEC and B for each respective AP will be utilized to calculate the FAR under this rider pursuant to the following formula with the results stated as a separate line item on the customers' bills.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO.	6	-		Original	SHEET NO.	74.1
CANCELLING MO.P.S.C. SCHEDULE NO		<u>-</u>			SHEET NO.	
APPLYING TO MISS	SOURI	SERVICE	AREA			

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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

FAR DETERMINATION (Cont'd.)

For each FAR filing made, the FAR_{RP} is calculated as:

 $FAR_{RP} = [(ANEC - B) \times 95\% \pm I \pm P \pm T]/S_{RP}$

Where:

ANEC = FC + PP + E - OSSR

- FC = Fuel costs and revenues associated with the Company's generating plants.

 These consist of the following:
 - 1. For fossil fuel plants:
 - A. the following costs and revenues (including applicable taxes) reflected in Federal Energy Regulatory Commission (FERC) Account 501 for: coal commodity, 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, fuel oil adjustments included in commodity and transportation costs, oil costs, ash disposal costs and revenues, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and
 - B. the following costs and revenues reflected in FERC Account 502 for: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone and powder activated carbon; and
 - C. the following costs and revenues reflected in FERC Account 547, excluding fuel costs related to the Company's landfill gas generating plant known as Maryland Heights Energy Center. Such costs and revenues include natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging, and revenues and expenses resulting from fuel and transportation portfolio optimization activities; and
 - 2. The following costs and revenues in FERC Account 518 (Nuclear Fuel Expense)for: nuclear fuel commodity expense, waste disposal expense, and nuclear fuel hedging costs.
- PP = Purchased power costs and revenues and consists of the following:
 - The following costs and revenues for purchased power reflected in FERC Account 555, excluding all charges under Midwest Independent Transmission System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and excluding generation capacity charges for contracts with terms in excess of one (1) year. Such costs and revenues include:

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UNION ELECTRIC C	OMF	PANY	E	LECTRIC SEI	RVICE			
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FAR DETERMINATI	ON ((Cont'	d.)					
	Α.	marke	t settle	ement charge s or revenue	types and	energy and oped capacity marked with:	_	÷
		ii.	Losses;					
		iii.	a. Cong b. Fina	ion manageme gestion; ancial Trans cion Revenue	mission R:	ights; and		
		iv.	market;		ıch capaci	d in MISO's cap ty is acquired	=	
		v.	Revenue	sufficiency	guarante	ees;		
		vi.	Revenue	neutrality	uplift;			
		vii.	Net ina	dvertent ene	ergy distr	ribution amount	.s;	
				ry Services:				
			a. Regu	=		ce (MISO Schedu	ule 3, or its	
				gy imbalance cessor);	e service	(MISO Schedule	e 4, or its	
					e service	(MISO Schedule	e 5, or its	
			d. Supp	cessor);and olemental res cessor); and		vice (MISO Sche	edule 6, or its	3
		ix.		response:				
			b. Emer	_	d response	on uplift; and e cost allocat:	ion (MISO Sched	lule
	В.	Non-M	ISO cost	s or revenue	es as foll	lows:		
		i.	PJM/SPP those i), costs or	revenues or the MIS	administered of an equivale oo costs or rev	ent nature to	ed.
		ii.	a. Cost b. Cost such	s for purchass for purchas	ases of enases of ge	rally administenergy; and eneration capaced for a term of	city, provided	

ELECTRIC SERVICE

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.) (Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

- C. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist; and
- *2. One and 86/100 percent (1.86%) of transmission service costs reflected in FERC Account 565. Such transmission service costs include:
 - A. MISO costs and revenues associated with:
 - i. network transmission service (MISO Schedule 9 or its successor);
 - ii. point-to-point transmission service (MISO Schedules 7 and 8
 or their successors);
 - iii. System control and dispatch, (MISO Schedule 1 or its successor);
 - iv. Reactive supply and voltage control (MISO Schedule 2 or its successor);
 - v. MISO Schedule 11 or its successor;
 - vi. MISO Schedules 26, 26A, 37 and 38 or their successors; and
 - vii. MISO Schedule 33;
 - viii. MISO Schedules 41, 42-A, 42-B, 45 and 47;
 - B. Non-MISO costs associated with:
 - i. network transmission service;
 - ii. point-to-point transmission service;
 - iii. System control and dispatch; and
 - iv. Reactive supply and voltage control.
- * Indicates Change.

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FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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FAR DETERMINATION (Cont'd.)

- E = Costs and revenues for SO_2 and NO_X emissions allowances in FERC Accounts 411.8, 411.9, and 509, including those associated with hedging.
- * OSSR = Costs and revenues in FERC Account 447 for:
 - 1. Capacity;
 - 2. Energy;
 - 3. Ancillary services, including:
 - A. Regulating reserve service (MISO Schedule 3, or its successor);
 - B. Energy Imbalance Service (MISO Schedule 4, or its successor;
 - C. Spinning reserve service (MISO Schedule 5, or its successor); and
 - D. Supplemental reserve service (MISO Schedule 6, or its successor);
 - 4. Make-whole payments, including:
 - A. Price volatility; and
 - B. Revenue sufficiency guarantee; and
 - 5. Hedging.

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.) (Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

For purposes of factors FC, E, and OSSR, "hedging" is defined as realized losses and costs (including broker commissions and fees associated with the hedging activities) minus realized gains associated with mitigating volatility in the Company's cost of fuel, off-system sales and emission allowances, 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.

- * Costs and revenues not specifically detailed in Factors FC, PP, E, or OSSR shall not be included in the Company's FAR filings; provided however, in the case of Factors PP or OSSR the market settlement charge types under which MISO or another centrally administered market (e.g., PJM or SPP) bills/credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the MISO or another centrally administered market (e.g. PJM or SPP) implement a market settlement charge type or schedule not listed in the FAC Charge Type Table included in this Rider (a "new charge type"):
 - A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be, subject to the requirement that the Company make a filing with the Commission as outlined in B below and also subject to another party's right to challenge the inclusion as outlined in E. below;
 - B. The Company will make a filing with the Commission giving the Commission notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. Such filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements;
 - C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;
 - D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues; and
 - * Indicates Change.

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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FAR DETERMINATION (Cont'd.)

- If the Company makes the filing provided for in B above and a party challenges the inclusion, such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. A party wishing to challenge the inclusion of a charge type shall include in its filing the reasons why it believes the Company did not show that the new charge type possesses the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above. In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P; and
- A party other than the Company may seek the inclusion of a new charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing. Such a filing shall give the Commission notice that such party believes the new charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be. The party's filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new charge type does not possess the characteristic of the costs or revenues listed in Factors PP or OSSR, as the case may be, within 30 days of the

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FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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FAR DETERMINATION (Cont'd.)

filing that seeks inclusion of the new charge type. In the event of a timely challenge, the party seeking the inclusion of the new charge type shall bear the burden of proof to support its contention that the new charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

- $B = BF \times S_{AP}$
- *NBEC = the normalized value for the sum of allowable fuel costs (consistent with the term FC), plus cost of purchased power (consistent with the term PP), and emissions costs and revenues (consistent with the term E), less revenues from off-system sales (consistent with the term OSSR).

 The normalized values referred to in the prior sentence shall be those values used to determine the revenue requirement in the Company's most recent rate case.
- *BF = NBEC divided by corresponding normalized retail kWh used to determine the revenue requirement in the Company's most recent rate case, as adjusted for applicable losses. The BF applicable to June through September calendar months (BF $_{\text{SUMMER}}$) is \$0.01679 per kWh. The BF applicable to October through January calendar months (BF $_{\text{WINTER-1}}$) is \$0.01739 per kWh and applicable to February to May calendar months (BF $_{\text{WINTER-2}}$) is \$0.01587.
- $^*S_{AP}$ = kWh during the AP that ended immediately prior to the FAR filing, as measured by taking the most recent kWh data for the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

^{*}Indicates Change.

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FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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FAR DETERMINATION (Cont'd.)

- S_{RP} = Applicable RP estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).
- I = Interest applicable to (i) the difference between ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered; (ii) refunds due to prudence reviews ("P"), if any; and (iii) all underor over-recovery balances created through operation of this FAC, as determined in the true-up filings ("T") provided for herein. 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.
- P = Prudence disallowance amount, if any, as defined below.
- T = True-up amount as defined below.

The FAR, which will be multiplied by the Voltage Adjustment Factors (VAF) set forth below is calculated as:

$$FAR = FAR_{RP} + FAR_{(RP-1)}$$

where:

= Fuel Adjustment Rate applied to retail customer usage on a per kWh basis starting with the applicable Recovery Period following the FAR filing.

 ${\sf FAR}_{\sf RPP}$ = FAR Recovery Period rate component calculated to recover under- or over-collection during the Accumulation Period that ended immediately prior to the applicable filing.

 $\label{eq:FAR} \begin{array}{lll} {\sf FAR}_{({\sf RP-1})} &=& {\sf FAR} \ {\sf Recovery} \ {\sf Period} \ {\sf rate} \ {\sf component} \ {\sf for} \ {\sf the} \ {\sf under-or} \ {\sf over-collection} \\ & {\sf during} \ {\sf the} \ {\sf Accumulation} \ {\sf Period} \ {\sf that} \ {\sf ended} \ {\sf immediately} \ {\sf prior} \ {\sf to} \ {\sf the} \ {\sf application} \ {\sf filing} \ {\sf for} \\ & {\sf FAR}_{{\sf RP}}. \end{array}$

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ELECTRIC SERVICE

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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FAR DETERMINATION (Cont'd.)

*The Initial Rate Component For the Individual Service Classifications shall be determined by multiplying the FAR in accordance with the foregoing by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF_{SEC})	1.0545
Primary Voltage Service (VAF _{PRI})	1.0234
Transmission Voltage Service (VAF _{TRAN})	1.0327

Customers served by the Company under Service Classification No. 13(M), Industrial Aluminum Smelter (IAS) Service shall be capped such that their FAR_{IAS}, adjusted for applicable voltage service, does not exceed \$0.00200/kWh, with FAR_{TAS} to be determined as follows:

> ${\tt FAR}_{\tt IAS}$ = the lesser of \$0.00200/kWh or the Initial Rate Component For Transmission Customers

Where the Initial Rate Component for Transmission Customers is greater than \$0.00200/kWh, then a Per kWh FAR Shortfall Adder shall apply to each of the respective Initial Rate Components to be determined as follows:

> Per kWh FAR Shortfall Adder = (((Initial Rate Component For Transmission Customers- $FAR_{IAS}) \times S_{IAS}) / (S_{RP} - S_{RP-IAS}))$

Where:

 S_{TAS} = Estimated Recovery Period IAS kWh sales at the retail meter = Estimated Recovery Period IAS kWh sales at the Company's MISO CP Node (AMMO.UE or successor node)

The FAR Applicable to the Individual Service Classifications shall be determined as follows:

> FAR_{SEC} = Initial Rate Component For Secondary Customers + (Per kWh FAR Shortfall Adder x VAF_{SEC})

FAR_{PRI} = Initial Rate Component For Primary Customers + (Per kWh FAR Shortfall Adder x VAF_{PRI})

 ${\sf FAR}_{\sf TRAN}$ = Initial Rate Component For Transmission Customers + (Per kWh FAR Shortfall Adder x VAF_{TRAN})

The FAR applicable to the individual Service Classifications shall be rounded to the nearest \$0.00001 to be charged on a \$/kWh basis for each applicable kWh billed.

TRUE-UP

After completion of each RP, the Company shall make a true-up filing on the same day as its FAR filing. Any true-up adjustments shall be reflected in T above. Interest on the true-up adjustment will be included in I above.

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ISSUED BY ___ St. Louis, Missouri Michael Moehn President NAME OF OFFICER TITLE

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

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TRUE-UP (Cont'd.)

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

GENERAL RATE CASE/PRUDENCE REVIEWS

The following shall apply to this FAC, 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 Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

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*FAC CHARGE		
MISO Energy & Operating Reserve Market Sett	tlement Charge Types and Cap	pacity Market
Charges and Credits		<u>.</u>
DA Asset Energy Amount; DA Congestion Rebate on Carve-out GFA; DA Congestion Rebate on Option B GFA; DA Financial Bilateral Transaction Congestion Amount; DA Financial Bilateral Transaction Loss Amount; DA Loss Rebate on Carve-out GFA; DA Loss Rebate on Option B GFA; DA Non-Asset Energy Amount; DA Ramp Capability Amount; DA Regulation Amount; DA Revenue Sufficiency Guarantee Distribution Amount; DA Revenue Sufficiency Guarantee Make Whole Payment Amount; DA Spinning Reserve Amount; DA Supplemental Reserve Amount; TTR Annual Transaction Amount; FTR ARR Revenue Amount; FTR ARR Revenue Amount; FTR ARR Stage 2 Distribution; FTR Full Funding Guarantee Amount; FTR Guarantee Uplift Amount; FTR Hourly Allocation Amount; FTR Monthly Allocation Amount; FTR Monthly Transaction Amount; FTR Yearly Allocation Amount; FTR Transaction Amount; FTR Transaction Amount; FTR Transaction Amount; Net Revenue from Voluntary Capacity Auction; Net Purchase for Voluntary Capacity Auction;	RT Asset Energy Amount; RT Congestion Rebate on Carve-out RT Contingency Reserve Deployment Amount; RT Demand Response Allocation Up RT Distribution of Losses Amount RT Excessive Energy Amount; RT Excessive\Deficient Energy Deployment Amount; RT Financial Bilateral Transaction Amount; RT Financial Bilateral Transaction RT Loss Rebate on Carve-out GFA; RT Miscellaneous Amount; RT Ramp Capability Amount; Real Time MVP Distribution; RT Net Inadvertent Distribution RT Net Regulation Adjustment Amo RT Non-Asset Energy Amount; RT Price Volatility Make Whole P RT Regulation Amount; RT Regulation Cost Distribution RT Resource Adequacy Auction Amo RT Revenue Neutrality Uplift Amo RT Revenue Sufficiency Guarantee Amount; RT Revenue Sufficiency Guarantee Amount; RT Spinning Reserve Amount; RT Spinning Reserve Amount; RT Supplemental Reserve Amount; RT Supplemental Reserve Amount; RT Supplemental Reserve Cost Distrib RT Virtual Energy Amount;	t Failure Charge lift Charge; ; ployment Charge on Congestion on Loss Amount; Amount; unt; ayment; Amount; unt; tunt; First Pass Dist Make Whole Payment ution Amount;
MISO Transmission Service Settlement Schedu	ıles	
MISO Schedule 1 (System control & dispatch); MISO Schedule 2 (Reactive supply & voltage control); MISO Schedule 7 & 8 (point to point transmission service); MISO Schedule 9 (network transmission service); MISO Schedule 11 (Wholesale Distribution); MISO Schedules 26, 26A, 37 & 38 (MTEP & MVP Cost Recovery); MISO Schedule 33 (Black Start Service);	MISO Schedule 41 (Charge to Recove Strom Securitization); MISO Schedule 42A (Entergy Charge Interest); MISO Schedule 42B (Entergy Credit AFUDC); MISO Schedule 45 (Cost Recovery of Recommendation or Essential Action MISO Schedule 47 (Entergy Operation MISO Transition Cost Recovery);	e to Recover associated with of NERC on);

DA Market Administration Amount; RT Market Administration Amount; DA Schedule 24 Allocation Amount; RT Schedule 24 Allocation Amount; FTR Market Administration Amount; RT Schedule 24 Distribution Amount; Schedule 10 - ISO Cost Recovery Adder; Schedule 10 - FERC - Annual Charges Recovery;

* Indicates Addition.

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RIDER FAC FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

*FAC CHARGE TYPE TABLE (Cont'd.)

PJM Market Settlement Charge Types

Auction Revenue Rights; Load Reconciliation for Inadvertent Interchange; Balancing Operating Reserve; Load Reconciliation for Operating Reserve Charge; Balancing Operating Reserve for Load Response; Load Reconciliation for Regulation and Frequency Response Service; Balancing Operating Reserve for Load Response; Load Reconciliation for Spot Market Energy; Balancing Spot Market Energy; Balancing Transmission Congestion; Load Reconciliation for Synchronized Reserve; Balancing Transmission Losses; Load Reconciliation for Synchronous Condensing; Load Reconciliation for Transmission Congestion; Capacity Resource Deficiency; Capacity Transfer Rights; Load Reconciliation for Transmission Losses; Locational Reliability; Day-ahead Economic Load Response; Day-Ahead Load Response Charge Allocation; Miscellaneous Bilateral; Day-ahead Operating Reserve; Non-Unit Specific Capacity Transaction; Day-ahead Operating Reserve for Load Response; Peak Season Maintenance Compliance Penalty; Peak-Hour Period Availability; Day-ahead Spot Market Energy; Day-ahead Transmission Congestion; PJM Customer Payment Default; Day-ahead Transmission Losses; Planning Period Congestion Uplift; Demand Resource and ILR Compliance Penalty; Planning Period Excess Congestion; Emergency Energy; Ramapo Phase Angle Regulators; Emergency Load Response; Real-time Economic Load Response; Energy Imbalance Service; Real-Time Load Response Charge Allocation; Financial Transmission Rights Auction; Regulation and Frequency Response Service; Generation Deactivation; RPM Auction; Generation Resource Rating Test Failure; Station Power; Inadvertent Interchange; Synchronized Reserve; Incremental Capacity Transfer Rights; Synchronous Condensing; Interruptible Load for Reliability; Transmission Congestion; Transmission Losses;

PJM Transmission Service Charge Types

Black Start Service; Network Integration Transmission Service Offset; Day-ahead Scheduling Reserve; Non-Firm Point-to-Point Transmission Service; Direct Assignment Facilities; Non-Zone Network Integration Transmission Service; Expansion Cost Recovery; Other Supporting Facilities; Firm Point-to-Point Transmission Service; PJM Scheduling, System Control and Dispatch Service Internal Firm Point-to-Point Transmission Service; Internal Non-Firm Point-to-Point Transmission Service; PJM Scheduling, System Control and Dispatch Load Reconciliation for PJM Scheduling, System Services; Control and Dispatch Service; Qualifying Transmission Upgrade Compliance Penalty; Reactive Services;

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ELECTRIC SERVICE

	MO.P.S.C. SCHEDULE NO. 6	_		Original	SHEET NO.	74.13
C	ANCELLING MO.P.S.C. SCHEDULE NO.	_			SHEET NO.	
APPLYING TO	MISSOURI	SERVICE	AREA			

RIDER FAC FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.) *FAC CHARGE TYPE TABLE (Cont'd.)

PJM Transmission Service Charge Types (Cont'd.)

Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund; Load Reconciliation for Reactive Services;

Load Reconciliation for Transmission Owner Scheduling, Transmission Owner Scheduling, System Control and System Control and Dispatch Service;

Network Integration Transmission Service; Network Integration Transmission Service (exempt); Reactive Supply and Voltage Control from Generation

and Other Sources Service; Transmission Enhancement;

Dispatch Service;

Unscheduled Transmission Service;

Virginia Retail Administrative Fee;

PJM Charge Types Which Appear On The Settlement Statements Represent Administrative Charges Are Specifically Excluded From The FAC

Annual PJM Building Rent; Annual PJM Cell Tower; FERC Annual Charge Recovery; Load Reconciliation for FERC Annual Charge Recovery; Load Reconciliation for North American Electric Reliability Corporation (NERC); Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding; Load Reconciliation for Reliability First Corporation (RFC); Market Monitoring Unit (MMU) Funding;

Michigan - Ontario Interface Phase Angle Regulators; North American Electric Reliability Corporation (NERC); Organization of PJM States, Inc. (OPSI) Funding; PJM Annual Membership Fee; PJM Settlement, Inc.; Reliability First Corporation (RFC); RTO Start-up Cost Recovery;

^{*} Indicates Addition.

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	MO.P.S.C. SCHEDULE NO. 6 0	riginal	_ SHEET NO 74.1
CA	NCELLING MO.P.S.C. SCHEDULE NO		SHEET NO.
APPLYING TO	MISSOURI SERVICE AREA		
	RIDER FAC		
	FUEL AND PURCHASED POWER ADJUSTMENT CLA	USE (Cont'd.)	
(Appl	icable To Calculation of Fuel Adjustment Rate for the through XXXXX 2017)	Billing Months of	XXXXXX 2017
*Calculat	tion of Current Fuel Adjustment Rate (FAR):		
	umulation Period Ending:		
1.	Actual Net Energy Cost = (ANEC) (FC+PP+E-OSSR)		\$
2.	(B) = (BF x S_{AP}) 2.1 Base Factor (BF)	-	\$ \$/kWh
	2.1 Base ractor (Br) 2.2 Accumulation Period Sales (S_{AP})		ş/kwh
3.	Total Company Fuel and Purchased Power Differen	ce =	\$
	3.1 Customer Responsibility	x	95%
4.	Fuel and Purchased Power Amount to be Recovered	=	\$
	4.1 Interest (I) 4.2 True-Up Amount (T)	- +	\$ \$
	4.3 Prudence Adjustment Amount (P)	±	\$
5.	Fuel and Purchased Power Adjustment (FPA)	=	\$
6.	Estimated Recovery Period Sales (S_{RP})	÷	kWh
7.	Current Period Fuel Adjustment Rate (FAR _{RP})	=	\$0.00000/kWh
8.	Prior Period Fuel Adjustment Rate (FAR _{RP-1})	+	\$0.00000/kWh
9.	Fuel Adjustment Rate (FAR)	=	\$0.00000/kWh
Init	ial Rate Component For the Individual Service C	lassifications	
	Secondary Voltage Adjustment Factor (VAF _{SEC})		1.0545
11.	Initial Rate Component for Secondary Customers		\$0.00000/kWh
	Primary Voltage Adjustment Factor (VAF $_{PRI}$)		1.0234
13.	Initial Rate Component for Primary Customers		\$0.00000/kWh
	Transmission Voltage Adjustment Factor (VAF $_{\rm TRAN})$		1.0327
	Initial Rate Component for Transmission Custome		\$0.00000/kWh
	Applicable to the Individual Service Classifica		h
16.	FAR for Industrial Aluminum Smelter Service (FA (The lesser of \$0.00200/kWh or Line 15)	R _{IAS})	\$0.00000/kWh
17.	Difference (Line 15 - Line 16)	=	\$0.00000/kWh
18.	Estimated Recovery Period Metered Sales for IAS	(S _{IAS})	0 kWh
	FAR Shortfall Adder (Line 17 x Line 18)		\$0
20.	Per kWh FAR Shortfall Adder (Line 19 / (Line 6 - 5	S _{RP-TAS})) =	\$0.00000/kWh
	FAR for Secondary Customers (FAR _{SEC})	=	\$0.00000/kWh
	(Line 11 + (Line 20 x Line 10))		, , , , , , , , , , , , , , , , , , , ,
22.	FAR for Primary Customers (FAR _{PRI}) (Line 13 + (Line 20 x Line 12))	=	\$0.00000/kWh
23.	FAR for Transmission Customers (FAR $_{\text{TRAN}}$)	=	\$0.00000/kWh
*Indicate	(Line 15 + (Line 20 x Line 14)) es Change.		
	-		

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ELECTRIC SERVICE

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CANCELLING MO.P.S.C. SCHEDULE NO.	6	-		1st Revised	SHEET NO.	75
APPLYING TO MIS	SOURI	SERVICE	AREA			

RIDER B

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

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

- *1. A monthly credit of \$1.28/kW of billing demand for customers taking service at 34.5 or 69kV.
- *2. A monthly credit of \$1.52/kW of billing demand for customers taking service at 115kV or higher.

*Indicates Change.

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ELECTRIC SERVICE

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	CANCELLING MO.P.S.C. SCHEDULE NO	6			Original	SHEET NO.	78
APPLYING TO	MIS	SOURI	SERVICE	AREA			

RIDER E

SUPPLEMENTARY SERVICE

A. <u>DEFINITION</u>

Where the service supplied by Company is available in the event of failure or shutdown of customer's private plant service or any other source of electrical energy or motive power through electrical or mechanical means or by means of operational procedure, or where the service in effect serves to relieve, sustain or augment any other source of power, such service shall constitute Supplementary Service.

* B. AVAILABILITY

Supplementary Service will be supplied whenever, in the opinion of the Company, it will have capacity available for the supply of such service during the term of the proposed Electric Service Agreement. This Rider is limited to those customers receiving service prior to July 31, 2016. After July 31, 2016 all new customers or those customer(s) on Rider E who experience a significant change to the customer's generating equipment shall have Supplementary Service supplied under Standby Service.

C. RATE FOR SERVICE

- Supplementary Service will be delivered to customer under the Primary Service Rate at a primary service voltage to be selected by Company. All provisions of the Primary Service Rate under which supplementary service is to be supplied shall remain in effect, except as hereinafter specifically provided.
- 2. Electric service actually used each month shall be charged for under the applicable rate specified in customer's Electric Service Agreement.
- 3. The monthly bill to be paid by customer, whether or not any electric service is actually used, shall in no case be less than the minimum charge specified in the applicable rate or the amount based on the Contract Demand (as hereinafter defined) computed on the schedule of charges set forth on Sheet No. 63, Miscellaneous Charges, whichever is greater.

D. GENERAL PROVISIONS

- 1. Contract Demand is defined as the higher of either:
 - a. The number of kilowatts mutually agreed upon by Company with customer as representing customer's maximum service requirements under all conditions of use, and such demand shall be specified in customer's Electric Service Agreement; or
- b. The maximum demand established by customer in use of Company's service.* Indicates Change.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO	. 6			2nd	Revised	SHEET NO.	91
CANCELLING MO.P.S.C. SCHEDULE NO	. 6			1st	Revised	SHEET NO.	91
APPLYING TO MT	SSOTTRT	SERVICE	AREA				

RIDER EEIC ENERGY EFFICIENCY INVESTMENT CHARGE For MEEIA Cycle 2 Plan

APPLICABILITY

This Rider EEIC - Energy Efficiency Investment Charge (Rider EEIC) is applicable to all kilowatt-hours (kWh) of energy supplied to customers served under Company's Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M), excluding kWh of energy supplied to "opt-out" or "low-income" customers.

- * Ameren Missouri will work with Community Action Agencies to establish a mechanism by which these agencies can provide information regarding which customers are recipients of Low Income Home Energy Assistance Program (LIHEAP) assistance, regardless of the fuel source for which the assistance was applicable. An Ameren Missouri low-income customer who has received assistance from Missouri Energy Assistance (a.k.a. LIHEAP), Winter Energy Crisis Intervention Program, or Summer Energy Crisis Intervention Program and (i) whose account has not automatically been exempted from Rider EEIC, or (ii) who has been charged Rider EEIC charges and whose account has not been credited for said charges, may provide the Company, via facsimile to 866.297.8054, via email to myhomeamerenmissouri@ameren.com, or via regular mail to Ameren Missouri, P.O. Box 790352, St. Louis, MO 63179-0352
 - a. documentation of the assistance received in the form of:
 - i. a copy of the Division of Social Services Family Support Division ("DSSFSD") form EA-7 energy assistance payment notice received by the low-income customer, or
 - ii. a copy of the DSSFSD LIHEAP Energy Assistance direct payment check received by the low-income customer, or
 - iii. a copy of the Contract Agency energy crisis intervention program
 ("ECIP") payment notification letter received by the low-income
 customer, or
 - iv. a printout of the low-income customer's DSSFSD LIHEAP EA E1RG System Registration screen identifying the supplier, benefit amount and payment processing date.
 - b. Upon receipt of the documentation, the Company will credit the low-income customer's account for:
 - i. energy efficiency investment charges, and
 - ii. any municipal charges attributable to said EEIC charges, that were previously charged to the low-income customer within twelve billing months following the documented receipt of energy assistance; provided that the low-income customer shall not be entitled to any credit, nor shall Company credit the low-income customer, for energy efficiency investment charges and associated municipal charges incurred and billed prior to the June 2015 commencement of the lowincome exemption.
 - c. Upon receipt of the documentation, for the remainder of the twelve months following the documented receipt of energy assistance, the Company will exempt such low-income customer from any Rider EEIC charges thereafter imposed. The exemption will be evidenced on the low-income customer's bill as an EEIC charge, followed by a credit.

Charges passed through this Rider EEIC reflect the charges approved to be billed from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) 2016-18 Plan and any remaining unrecovered balances from the MEEIA 2013-15 plan. Those charges include:

* Indicates Change.

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APPLYING TO	MIS	SOURI	SERVICE	AREA			

RIDER EEIC ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.) For MEEIA Cycle 2 Plan

ENERGY EFFICIENCY INVESTMENT RATE (EEIR) DETERMINATION

The EEIR during each applicable EP is a dollar per kWh rate for each applicable Service Classification calculated as follows:

EEIR = [NPC + NTD + NEO + NOA]/PE

Where:

NPC = Net Program Costs for the applicable EP as defined below,

NPC = PPC + PCR

- * PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP, including Company's Energy Efficiency Department's internal labor cost and associated benefits.
- * PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the PPC revenues billed resulting from the application of the NPC component of the EEIR and the actual Program Costs, including Company's Energy Efficiency Department's internal labor cost and associated benefits, incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining PCR balance from MEEIA Cycle 1 shall be rolled into the PCR calculation starting February 2017.
- NTD = Net Throughput Disincentive for the applicable EP as defined below,

NTD = PTD + TDR

- PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP. For the detailed method for calculating the TD, see Sheet 91.6.
- TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the PTD revenues billed during the previous EP resulting from the application of the NTD component of the EEIR and the Company's TD through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining TDR balance from MEEIA Cycle 1 shall be rolled into the TDR calculation starting February 2017.
- NEO = Net Earnings Opportunity for the applicable EP as defined below,

NEO = EO + EOR

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP.

* Indicates Change.

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APPLYING TO	MIS	SSOURI	SERVICE	AREA			

RIDER EEIC ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.) For MEEIA Cycle 2 Plan

TD DETERMINATION (Cont'd.)

- c. For Measures under the -Business Custom Incentive Program, Business New Construction Incentive Program, and Business Retro-Commissioning Program, the ME will be the annual value attributable to the installations reported monthly by the program implementer.
- CM = Current calendar month.
- CAS = Cumulative sum of MAS of all prior calendar months for each End Use Category for the MEEIA 2016-18 Plan.
- PM = Prior calendar month.
- RB = Rebasing Adjustment. The RB shall equal the CAS applicable as of the date used for MEEIA normalization when base rates are adjusted in any general electric rate case or otherwise resulting in new retail electric rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan. In the event base rates are adjusted by more than one general electric rate case or otherwise resulting in new rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan occurs, the RB adjustment shall include each and every prior RB adjustment calculation.
- LS = Load Shape. The LS is the monthly load shape percent
 (%) for each End-Use Category (attached as Appendix E
 to the Stipulation).

*NMR = Net Margin Revenue. NMR values for each applicable Service Classification are as follows:

		Servio	e Classific	ations	
Month	1(M)Res \$/kWh	2(M)SGS \$/kWh	3(M)LGS \$/kWh	4(M)SPS \$/kWh	11(M)LPS \$/kWh
January	0.046615	0.051423	0.041326	0.032592	0.022981
February	0.048909	0.052795	0.043663	0.034426	0.025636
March	0.051054	0.055339	0.044589	0.034846	0.025034
April	0.053222	0.057800	0.045251	0.034576	0.024971
May	0.055832	0.059580	0.045948	0.035680	0.025414
June	0.108580	0.097180	0.085785	0.064718	0.038172
July	0.108580	0.097180	0.083861	0.064199	0.039335
August	0.108580	0.097180	0.083820	0.064699	0.038788
September	0.108580	0.097180	0.084412	0.064280	0.039015
October	0.050982	0.056241	0.043317	0.033543	0.024170
November	0.054323	0.057716	0.044022	0.033712	0.023931
December	0.049395	0.054672	0.042713	0.033117	0.023350

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	CANCELLING MO.P.S.C. SCHEDULE NO.	6			Original	SHEET NO.	92
APPLYING TO	MIS	SOURI	SERVICE	AREA			

RIDER SSR

STANDBY SERVICE RIDER

APPLICABILITY

Applicable to each customer not currently served by Rider E, at a single premises with behind the meter on-site parallel distributed generation and/or storage system(s) with a capacity over 100 kilowatts (kW), as a modification to standard electric service supplied under either the tariffed rate schedules of Large General Service 3(M), Small Primary Service 4(M), or Large Primary Service 11(M). Customers with emergency backup, solar or wind generation that is not integrated with a storage system are excluded from this Rider.

DEFINITIONS

DISTRIBUTED GENERATION AND/OR STORAGE - Customer's private on-site generation and/or storage that:

- 1. is located behind the meter on the customer's premises,
- 2. has a rated capacity of greater than 100 kW,
- 3. operates in parallel with the Company's system, and
- 4. adheres to applicable interconnection agreement entered into with the Company.

SUPPLEMENTAL SERVICE - Electric service provided by the Company to customer to supplement normal operation of the customer's on-site parallel distributed generation and/or storage in order to meet the customer's full service requirements.

STANDBY SERVICE - Service supplied to the premises by the Company in the event of the customer exceeding its Supplemental Contract Capacity. Standby Service may be needed on either a scheduled or unscheduled basis. Standby Service comprises capacity and associated energy during the time it is used.

- 1. BACKUP SERVICE Unscheduled Standby Service.
- 2. MAINTENANCE SERVICE Scheduled Standby Service.

BACK-UP SERVICE - The portion of Standby Contract Capacity and associated energy used without advance permission from the Company. The customer must notify the Company within thirty (30) minutes of taking Back-up Service for amounts over five (5) megawatts (MW). For Back-up Service billed, the customer shall be charged the daily standby demand charge for back-up service and back-up energy charges associated with Standby Service. The rates for these charges as well as the monthly fixed charges are stated in this Rider. Back-up Service charges will be shown and calculated separately on the customer bill.

MAINTENANCE SERVICE - The portion of Standby Contract Capacity used with advance permission from the Company. The customer must schedule Maintenance Service with the Company not less than six (6) days prior to its use. Unless otherwise agreed to by the Company, Maintenance Service shall be limited to not more than six (6) occurrences and not more than sixty (60) total and partial days during twelve (12) consecutive billing periods (based on billing dates). Maintenance Service may be available during all months and shall not be greater than the seasonal Standby Contract Capacity.

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ELECTRIC SERVICE

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CANCELLING MO.P.S.C. SCHEDULE NO.			SHEET NO	
APPLYING TO MISSOL	URI SERVICE	AREA		

RIDER SSR

STANDBY SERVICE RIDER (Cont'd.)

DEFINITIONS (Cont'd.)

MAINTENANCE SERVICE (Cont'd.) - The scheduling of Maintenance Service may be restricted by the Company during times associated with system peaking conditions or other times as necessary. For Maintenance Service billed, the customer shall be charged the daily standby demand charge for maintenance service associated with Standby Service Demand. The rates for these daily demand charges as well as the monthly fixed charges are stated in this Rider. Energy charges for Maintenance Service associated with the Standby Service will be billed as standard energy charges per the applicable tariffed rate schedule. Maintenance Service charges will be shown and calculated separately on the customer bill.

SUPPLEMENTAL CONTRACT CAPACITY - The customer must designate and contract by season the maximum amount of demand, in kW, taken at the premises through the billing meter that may be billed on the applicable standard tariffed rate. The Supplemental Contract Capacity shall insofar as possible estimate the historic or probable loads of the facility as adjusted for customer generation and shall be mutually agreeable to customer and Company.

STANDBY CONTRACT CAPACITY - The higher of:

- 1. The number of kilowatts mutually agreed upon by Company with customer as representing the customer's maximum service requirements under all conditions of use less Supplemental Contract Capacity, and such demand shall be specified in customer's Electric Service Agreement. Such amount shall be seasonally designated and shall not exceed the nameplate rating(s) of the customer's own generation. The amount of Standby Contract Capacity will generally consider the seasonal (summer or winter billing periods) capacity ratings and use of the generator(s), or may be selected based on a Company approved load shedding plan.
- 2. The maximum demand established by customer in use of Company's service less the Supplemental Contract Capacity.

SUPPLEMENTAL DEMAND - The lesser of:

- 1. Supplemental Contract Capacity or
- 2. The Total Billing Demand in this Rider.

STANDBY SERVICE DEMAND - The Total Billing Demand as determined in this Rider in excess of the Supplemental Contract Capacity.

TOTAL BILLING DEMAND - Total Billing Demand for purposes of this Rider during shall be the maximum 15 minute demand established during peak hours or 50% of the maximum 15 minute demand established during off-peak hours, whichever is greater, but in no event less than 100 kW for Large General Service or Small Primary Service, nor less than 5,000 kW for Large Primary Service.

Peak and off-peak hours are defined as follows:

Peak hours: 10:00 A.M. to 10:00 P.M., Monday through Friday

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APPLYING TO	MISSOU	RI	SERVICE	AREA			

RIDER SSR STANDBY SERVICE RIDER (Cont'd.)

DEFINITIONS (Cont'd.)

Off-peak hours: All other hours including the entire 24 hours of the tariffed holidays as defined in the base tariff. All times stated above apply to the local effective time.

GENERAL PROVISIONS

The contract term shall be one (1) year, automatically renewable, unless usage, plant modifications or additional generation requires a change to Supplemental Contract Capacity or Standby Contract Capacity.

The Company will install and maintain the necessary suitable meters for measurement of service rendered hereunder. The Company may inspect generation logs or other evidence that the customer's generator is being used in accordance with the provisions this Rider.

Power production equipment at the customer site shall not commence parallel operation until after inspection by the Company and a written interconnection agreement is executed. The sale of excess energy to the Company may be included in the interconnection or other agreement.

If at any time customer desires to increase demand above the capacity of Company's facilities used in supplying said service due to plant modifications, customer will sign a new agreement for the full capacity of service required and in accordance with applicable rules governing extension of its distribution system.

In addition to the charges in the applicable rate schedule, customers taking service under this Rider will be subject to the applicable Administrative Charge, Generation and Transmission Access Charges, and the Facilities Charge each month contained herein.

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to the supply of service under this Rider.

In the event a customer adds distributed generation and/or storage after investments are made by the Company in accordance with the net revenue test described in the Company's line extension policy, the Company may require reimbursement by the customer. Such reimbursement shall be limited to that investment which was incurred within the previous five years and shall be based upon the change in load requirements on the Company's electric system.

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all billed kilowatthours (kWh) of energy under this Rider.

Energy Efficiency Investment Charge (Rider EEIC). Applicable to all billed kilowatt-hours (kWh) of energy under this Rider excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

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RIDER SSR STANDBY SERVICE RIDER (Cont'd.)

STANDBY RATE			
	Large General Service	Small Primary Service	Large Primary Service
	Standby Fixed C	Charges	
Administrative Charge	\$199.00/month	\$199.00/month	\$199.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.70/kW	\$0.70/kW	\$0.87/kW
Facilities Charge per month per kW of Contracted Standby Demand: Summer Winter	\$3.87/kW \$0.92/kW	\$2.99/kW \$0.55/kW	\$2.99/kW \$0.55/kW
	Daily Standby Demand	Rate – Summer	
Per kW of Daily Standby Service Demand: Back-Up Maintenance	\$0.04/kW \$0.02/kW	\$0.04/kW \$0.02/kW	\$1.21/kW \$0.60/kW
	Daily Standby Demand	Rate - Winter	
Per kW of Daily Standby Service Demand: Back-Up Maintenance	\$0.02/kW \$0.01/kW	\$0.02/kW \$0.01/kW	\$0.57/kW \$0.29/kW
	Back-Up Energy Charg	ges – Summer	
kWh in excess of Supplemental Contract Capacity On-Peak Off-Peak	12.45¢/kWh 10.40¢/kWh	11.74¢/kWh 10.25¢/kWh	4.41¢/kWh 3.30¢/kWh
	Back-Up Energy Char	ges – Winter	
kWh in excess of Supplemental Contract Capacity On-Peak Off-Peak	7.42¢/kWh 6.80¢/kWh	7.14¢/kWh 6.60¢/kWh	3.60¢/kWh 3.10¢/kWh
	High Voltage Facilities C	harge Discount	
Facilities Charge Credit per month per kW of Contracted Standby Demand @ 34.5 or 69kV	N/A	\$1.28/kW	\$1.28/kW
@ 115kV or higher	N/A	\$1.52/kW	\$1.52/kW

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GENERAL RULES AND REGULATIONS IV. MEASUREMENT OF SERVICE (Cont'd.)

* C. MULTIPLE METERED ACCOUNT BILLING

Where more than one meter is installed for metering the premises of an individual account in accordance with paragraphs A and B above, the sum of each watthour meter's kilowatt-hour usage and each demand meter's individual maximum non-simultaneous kilowatt demand will be used for billing purposes. Under all circumstances involving multiple metered accounts, any alternating current watthour meter registering zero usage in a given billing month shall be subject to the monthly charge for three phase meters, specified in paragraph B of this Section IV, during each month of zero usage.

* D. METER INSPECTIONS AND TESTING

Company's meters shall be inspected and tested for accuracy in accordance with applicable Missouri Public Service Commission Rules. If customer requests a meter test within 12 months of any previous testing of such meter, a standard charge based on meter type will be assessed for meters found to have an average meter error of 2 percent or less.

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UNION ELECTRIC COMPANY ELECTRIC SERVICE

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PILOTS, VARIANCES, AND PROMOTIONAL PRACTICES

D. KEEPING CURRENT LOW-INCOME PILOT PROGRAM

PURPOSE

The purpose of the Keeping Current Low-Income Pilot Program (Program) is to provide electric bill payment assistance to customers meeting the eligibility requirements while assessing the delivery methods used in the Program and the impacts on revenues and costs. This Program is provided pursuant to the Stipulation and Agreement Regarding Ameren Missouri's Keeping Current Program approved by the Missouri Public Service Commission (MoPSC) in Case No. ER-2012-0166.

AVAILABILITY

Availability of this Program shall be limited to customers on the Residential Service Rate 1(M) who a) have an income level at or below 125% of the Federal Poverty Level (FPL) for the heating provisions or b) up to 135% of the FPL who use electricity for cooling and are either elderly, disabled, or with a chronic medical condition, or live in households with children five (5) years of age or younger. No customer with an arrearage that includes a theft of service charge shall be eligible to participate in the Program.

DEFINITIONS

Collaborative - Signatories to the Stipulation and Agreement Regarding Ameren Missouri's Keeping Current Program in Case No. ER-2012-0166 which include the Company, MoPSC Staff, Office of the Public Counsel (OPC), Missouri Industrial Energy Consumers (MIEC), AARP and Consumers Council of Missouri.

PROVISIONS

* Pursuant to the Order issued by the MoPSC in Case No. ER-2016-0179, the Company will provide \$500,000 annually, in twelve monthly installments each Program year, to finance the Program. An additional amount of approximately \$563,000 will be collected through the Low-Income Pilot Program Charge in the Company's 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M) tariffs and contributed to the Program. The Program will be implemented through the Company's existing Keeping Current Agencies in cooperation with the Collaborative.

Credits will be provided through Monthly Heating Bill Credits and/or Monthly Arrearage Bill Credits and/or Keeping Cool Bill Credits as listed below to customers meeting the income limits above and the general qualifications listed below as well as the qualifications for each provision:

- 1. Customer must be registered with a designated Keeping Current Agency.
- 2. Customer will apply for weatherization and LIHEAP assistance.
- * Indicates Change.

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PILOTS, VARIANCES AND PROMOTIONAL PRACTICES

F. VOLUNTARY ELECTRONIC BILL RENDERING AND PAYMENT PROGRAM

* AVAILABILITY

This program will be made available on a voluntary basis to customers who are billed under Service Classifications No. 1(M) or No. 2(M) provided customer has access to an electronic device capable of downloading Internet content.

* GENERAL DESCRIPTION

This program will permit the Company to deliver to program participants, including participants in the Company's Budget Bill Plan, an electronic image of a bill through the use of the Internet, instead of mailing or hand delivery of a bill. As part of the enrollment process, the customer will choose a login identification number and a password as a means to prevent others from viewing the customer's bills. Customers participating in this program will have to affirmatively elect the discontinuation of mailed or hand delivered bills.

Company will provide the customer's account data to CheckFree ("vendor") or its successor, which will in turn format this data into a bill layout. This electronic bill layout may not exactly resemble the customer's paper bill layout.

The Company or the designated vendor will present the bill to the customer via the Internet and, also, provide the customer a means to pay the bill via the Internet. However, customers may continue to pay the bill via all payment options available to those not participating in the program.

** ELECTRONIC BILL CREDIT

Customers participating in this program will have a forty-cent (\$0.40) per month credit applied to their bills.

TERM

Customers may terminate participation in this program at any time.

* Indicates Change. **Indicates Addition.

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ECONOMIC REDEVELOPMENT AND EFFICIENT INFRASTRUCTURE UTILIZATION PILOT

PURPOSE

The purpose of this Economic Redevelopment and Efficient Infrastructure Utilization Pilot ("Pilot") is to encourage redevelopment of certain sites in the Company's service territory. Projects eligible for service under this Pilot shall be designed to provide more efficient utilization of Company's existing infrastructure in a manner beneficial to the electric delivery system, and which may also provide socioeconomic benefits to the areas in which they locate.

DEFINITIONS

"Collaborative" - Ameren Missouri ("Company"), Missouri Public Service Commission Staff ("Staff"), Office of the Public Counsel ("OPC") and other intervening parties in File No. ER-2016-0179 who have provided the Company with a written request to be a Collaborative member, provided, that a Collaborative member may choose to resign as a member at any time.

AVAILABILITY

This Pilot is available to any city, village, incorporated town, or county ("Governmental Entity")or other entity created by such Governmental Entity, to encourage the redevelopment of blighted or conservation areas.

Discounts under this Pilot are available for a redevelopment project provided that:

- 1) The Governmental Entity makes a determination that the proposed redevelopment area is classified as "blighted" or a "conservation" area in accordance with either Chapter 353 Urban Redevelopment Corporations (CH 353 RSMO); Tax Increment Financing (99.800-99.865 RSMO); Land Clearance for Redevelopment Authority (LCRA) (99.300-99.660 RSMO); or Community Improvement District (CID) (67.1401-67.1475 RSMO) and
- 2) The Governmental Entity makes a determination that but for the adoption of the redevelopment plan, the redevelopment area would not reasonably be anticipated to be developed, and
- 3) The Governmental Entity approves a redevelopment plan including a description of the designated redevelopment area (including boundaries), proposed redevelopment projects and uses therein, and
- 4) The Governmental Entity adopts an ordinance approving the designation of the redevelopment boundaries, the redevelopment plan and proposed redevelopment projects.
- 5) The Governmental Entity or authorized entity has submitted the above information to the Company and has received written acknowledgement from the Company that the identified redevelopment area meets the availability criteria of this Pilot.

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ECONOMIC REDEVELOPMENT AND EFFICIENT INFRASTRUCTURE UTILIZATION PILOT (Cont'd.)

PROVISIONS

The Company is responsible to actively work with Governmental Entities or other authorized entity to identify eligible projects. Such projects and relevant information about each project shall be presented by the Company to the other members of the Collaborative. Decisions made by the Collaborative shall be based on voting by the members present at the meeting when decisions are being made. Collaborative members shall be notified at least 48 hours in advance of any meeting in which voting will take place. Meetings may occur in person or by telephone. A majority vote of a quorum of Collaborative members attending the meeting shall approve an action.

Upon request by a Governmental Entity or other authorized entity for discounts under this Pilot, the Company shall present a package of proposed electric rate discounts to the Collaborative for approval. If any discounts are approved by the Collaborative the Company shall submit an explanation of the approved discounts to the Governmental Entity or other authorized entity so that those discounts can be incorporated into the decision-making about redevelopment execution plans.

This Pilot is subject to the following limitations:

- 1) This Pilot is available for premises that are either unoccupied or otherwise dormant (e.g. vacant land and/or buildings) for a minimum period of one hundred-twenty (120) days.
- 2) Expansion of electric service to existing customers within a redevelopment is also eligible for discounts under this Pilot, but such discounts are only applicable to the incremental electric load.
- 3) Service under this Pilot is limited to loads which in the Collaborative's judgment utilize existing infrastructure in a manner which is beneficial to the local electric service delivery system.
- 4) As a general rule, this Pilot is not intended for electric service to a customer that results merely from load shifted from one location on Company's system to a qualifying site; however, exceptions to this rule may be granted by the Collaborative.
- 5) This Pilot shall expire on the earlier of June 1, 2022 or the date on which the funding cap is reached.

DISCOUNTS

- 1) Discounts may be provided in the form of: a) reduced rates for electric service to those customers in the redevelopment area or b) discounted facility and/or relocation charges associated with modifications to local distribution facilities.
- 2) The Company shall present each eligible project to the Collaborative with an assessment of its impact on the local distribution system and a recommended discount scheme based on the circumstances of that specific project. The Collaborative will determine the final discounts offered for each project as well as the terms of such discounts.
- 3) The total discounts awarded under this Pilot shall not exceed \$10 million.

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ECONOMIC REDEVELOPMENT AND EFFICIENT INFRASTRUCTURE UTILIZATION PILOT (Cont'd.)

TERMS AND CONDITIONS

Customers participating in this Pilot will be ineligible for participation in any other economic development, economic retention, or similar tariff of the Company.

Notwithstanding the above, this Pilot shall immediately become void, and the Company shall have no further obligations or liabilities hereunder, if any term or terms of this Pilot are determined to be discriminatory or otherwise unlawful by a court of competent jurisdiction. The expectation is that the discounts approved by the Collaborative will not be imputed when setting rates in future general rate proceedings.

REPORTING AND EVALUATION

The Company shall file, in the Commission's Electronic Filing Information System ("EFIS"), an annual report summarizing the activities conducted under this Pilot. Such report shall include the following information: a physical description of each project evaluated, the infrastructure assessment performed for each project, the status of each project, the amount of capital investment associated for each project area, the amount of temporary and full-time jobs expected for each project area, a qualitative description of socio-economic benefits expected for each project, an assessment of the economic benefit expected for all other Company customers, and any other information that the Collaborative deems relevant.

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