P.S.C. Mo. No. 6 Sec. <u> 1st</u> Revised Original Sheet No. 1 Canceling P.S.C. Mo. No. 6 Sec. Original Sheet No.

For _ ALL TERRITORY

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SECTION 5 - RULES AND REGULATIONS

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For ALL TERRITORY			
		IAL SERVICE DULE RG	

AVAILABILITY:

This schedule is available for residential service to single-family dwellings or to multi-family dwellings within a single building. This schedule is not available for service through a single meter to two or more separate buildings each containing one or more dwelling units.

 MONTHLY RATE:
 Summer Season
 Winter Season

 Customer Access Charge
 \$ 1316.00
 \$ 1316.00

 The first 600-kWh, per kWh
 \$ 0.125351357764
 \$ 0.425351356477

 Additional kWh, per kWh
 \$ 0.125351356477
 \$ 0.10093109232

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

PAYMENT:

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid on or before the due date, a late payment charge of 0.5% on the unpaid balance will be applied.

GROSS RECEIPTS. OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

- 1. Voltage, phase and frequency of energy supplied will be as approved by the Company.
- 2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
- 3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
- 4. If this schedule is used for service through a single meter to multiple-family dwellings within a single building, each Customer charge and kWh block will be multiplied by the number of dwelling units served in calculating each month's bill.
- 5. Welding, X-ray, or other equipment characterized by severe or fluctuating demands, will not be served.
- 6. Intermittent or seasonal service will not be provided.
- 7. Bills for service will be rendered monthly. At the option of the Company, however, the meters may be read bimonthly with the bill for the alternate month based upon an estimated kWh consumption.
- 3. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

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For ALL TERRITORY					
			RCIAL SERV	/ICE	

AVAILABILITY:

This schedule is available to any general service customer on the lines of the Company whose electric load is not consistently in excess of 40 kW, except those, not otherwise allowed, who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. On and after the effective date of this tariff, multiple-family dwellings built prior to June 1, 1981 and metered by a single meter may elect to be served under this rate. Motels, hotels, inns, resorts, etc., and others who provide transient rooms and/or board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

 MONTHLY RATE:
 Summer Season
 Winter Season

 Customer Access Charge...
 \$ 22.6925.00
 \$ 22.6925.00

 The first 700-kWh, per kWh...
 \$ 0.127121433018
 \$ 0.127121433018

 Additional kWh, per kWh...
 \$ 0.127121433018
 \$ 0.11377128125

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

PAYMENT:

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid, the above rate plus 5% then applies.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

- 1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
- 2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
- 3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
- 4. Where the Customer's use of welding, or other equipment characterized by fluctuating or severe demands, necessitates the installation of additional or increased facilities (including distribution transformers, service conductors or secondaries) solely to serve such Customer, the applicable provisions of Rider XC will apply in amendment to the provisions of this schedule.
- 5. Living quarters incidental to commercial or industrial operations in the same building will only be served together with these operations through a single meter and billed under this or other applicable commercial industrial rates. Living quarters detached from commercial or industrial buildings will only be served under applicable residential schedules.

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For ALL TERRITOR	łΥ					
			HEATING SEF	RVICE		
	er Season and v	where the electric	service supplied	l is the only sou	e average load is not consistently in exces rce of energy at the service location and internal space-heating comfort requireme	th
customer permanently ins However, this schedule is residential purposes other	s not available to than transient or rvice to dwelling	o those who are o seasonal. Motels, is on a transient o	conveying election hotels, inns, reserved to seasonal bas	ic service receive sorts, etc., and ot is are not exclude	ed to others whose utilization of same is hers who provide transient rooms and/or bo led from the use of this rate. The Comp	fo ar

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

PAYMENT:

MENT: Bills will be due on or before twenty-one (21) days after the date thereof. If not paid, the above rate plus 5% then applies.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

DATE OF ISSUE

- The voltage, phase and frequency of energy supplied will be as approved by the Company.
- Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
- Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
- Where the Customer's use of welding, or other equipment characterized by fluctuating or severe demands, necessitates the installation of additional or increased facilities (including distribution transformers, service conductors or secondaries) solely to serve such Customer, the applicable provisions of Rider XC will apply in amendment to the provisions of this schedule.

August 17May 28, 20210 DATE EFFECTIVE Septembe Juner 2746, 20210

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ISSUED BY Sheri Richard Tim Wilson, Director Vice President, Rates and Regulatory Affairs Electric Operations, Joplin, MO

P.S.C. Mo. No.	6	Sec.	2	<u>1st</u>	<u> </u>	Revised Original Sheet No. 3
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For ALL TERRITOR	Y					
			L POWER S			
others whose utilization of others who provide transie	same is purely ent rooms and buse of this rate.	for residential purp poard service or roo	ooses other to m service and erves the righ	nan transient or sea d/or provide service	sonal to dv	tre conveying electric service received to 1. Motels, hotels, inns, resorts, etc., and wellings on a transient or seasonal basis ability or the availability of this rate to any other Season
CUSTOMER ACCESS CH DEMAND CHARGE:	ARGE		\$	69.49 <u>80.00</u>		69.49 <u>80.00</u>
Per kW of Billing Dem	and		\$	7.33 <u>8.13</u>	\$	5.71 <u>6.33</u>
per kW of Facilities De ENERGY CHARGE:	emand		\$	2.07 <u>2.30</u> 29	\$	2.07 2.3329
First 150 hours use of Next 200 hours use of All additional kWh, pe	f Metered Dema	and, per kWh	\$	0. 08694 <u>0963744</u> 0. 06745 <u>0748277</u> 0. 06056 <u>067137</u>		0. 07464 0 <u>82749</u> 0. 06078<u>0</u>67374<u>2</u> 0.<u>96027<u>0</u>66815</u>
						the Winter Season will be the remaining purposes, the Customer Charge will be
FUEL ADJUSTMENT CLAUSE: The above charges will be		amount provided by	the terms an	d provisions of the F	uel A	djustment Clause, Rider FAC.
ENERGY EFFICIENCY COST I The above charges will b Company's energy efficien	e adjusted to in				mers	who have not declined to participate in
STORM URI COST RECOVER The above charges will be		ude a charge of \$0.0	00708 per kV	<u>/h.</u>		
DETERMINATION OF BILLING The monthly Metered Dem suitable demand meter. To	and will be dete					demand registered during the month by a , whichever is greater.
recorded in each of the pre	mand will be devious 11 month	letermined by a column. If there are less	than 11 previ	ous months of data,	all av	ered demand and the metered demand railable data from previous months will be on or 40 kW, whichever is greater.
TRANSFORMER OWNERSHIF Where the Customer supp line feeding to such locatio	lies all facilities	(other than metering f \$0.355 per kW will	ng equipment I apply to the) for utilization of se Facilities Charge.	rvice	at the voltage of the Company's primary

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DATE OF ISSUE <u>August 17May 28, 20210</u> DATE EFFECTIVE <u>JuneSeptember 2716, 20210</u>
ISSUED BY Sheri Richard<u>Tim Wilson</u>, <u>Director Rates and Regulatory AffairsVice President, Electric Operations</u>, Joplin, MO

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying metered kilowatts and kilowatt-hours by 0.9806.

During any month in which service is rendered, the minimum monthly bill will be the Customer Charge plus the Demand Charge plus the Facilities Charge.

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 5% then applies.

METERING ADJUSTMENT:

MINIMUM MONTHLY BILL:

PAYMENT:

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY P.S.C. Mo. No. Sec. RevisedOriginal Sheet No. 1st Canceling P.S.C. Mo. No. ____ Sec. Original Sheet No. _ For ALL TERRITORY LARGE POWER SERVICE SCHEDULE LP AVAILABILITY: This schedule is available for electric service to any general service Customer except those who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient room and board service or room service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service. MONTHLY RATE: Winter Season CUSTOMER ACCESS CHARGE..... \$ 283.55325.00 \$ 283.55325.00 DEMAND CHARGE: Per kW of Billing Demand..... \$ 15.6918.5661 8.66<u>10.247</u>

\$ The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

1.88

0.06543

0.0340005293

1.88

0.05778

0.0327004528

To be eligible for this schedule, the customer agrees to provide, at the Customer's expense, an analog telephone line to the metering location(s), for use by the Company to retrieve interval metering data for billing and load research purposes. This telephone line must be available to the Company between the hours of midnight and 6:00am each day.

FUEL ADJUSTMENT CLAUSE:

FACILITIES CHARGE

ENERGY CHARGE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

per kW of Facilities Demand

First 350 hours use of Metered Demand, per kWh.....

All additional kWh, per kWh

DETERMINATION OF BILLING DEMAND:

The monthly Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the month by a suitable demand meter. The monthly Billing Demand will be the monthly Metered Demand, or 1000 kW, whichever is

DETERMNATION OF MONTHLY FACILITIES DEMAND:

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 1000 kW, whichever is greater.

TRANSFORMER OWNERSHIP:

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.385 per kW of facilities demand will apply, otherwise, Rider XC will apply, unless Customer supplies their own secondary facilities.

SUBSTATION FACILITIES CREDIT:

The above facilities charge does not apply if the stepdown-substation and transformer are owned by the Customer.

METERING ADJUSTMENT:

The above rate applies for service metered at primary voltage. Where service is metered at secondary voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0237.

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DATE OF ISSUE August 17May 28, 20210 DATE EFFECTIVE JuneSeptember 2716, 20210 ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs Vice President, Electric Operations, Joplin, MO

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Canceling P.S.C. Mo. No. 6	Sec.	2		Original Sheet No.						
For ALL TERRITORY										
	LARGE POWER SERVICE SCHEDULE LP									

Where service is metered at transmission voltage, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying kilowatts and kilowatt-hours by 0.9756.

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or <u>ALL TERRITOR</u>	Υ					
	FE		GRAIN ELE\ HEDULE PF	/ATOR SERVICE M		
VAILABILITY: This schedule is availab	le for electric s	ervice to any cus	tom feed mi	ll or grain elevato	ır.	
IONTHLY RATE: Customer Access Charç The first 700-kWh, per k Additional kWh, per kWl			\$ 27			Formatted: Line spacing: Multiple 0.5 li
	ill be the first f	our monthly billir	ng periods b		June 16, and the Winter Season will be	Formatted: Line spacing: Multiple 0.5 li
AYMENT: The above rate applies above rate plus 5% ther		is paid on or be	efore twenty	-one (21) days a	fter the date thereof. If not so paid, the	
UEL ADJUSTMENT CLAU The above charges will FAC.		an amount provi	ded by the t	erms and provisi	ons of the Fuel Adjustment Clause, Rider	Formatted: Line spacing: Multiple 0.5 li
NERGY EFFICIENCY COS	be adjusted t	o include a char			all customers who have not declined to 20.094(6).	Formatted: Line spacing: Multiple 0.5 li
TORM URI COST RECOV						Formatted: Font: 9 pt
The above charges will	be adjusted to	include a charge	of \$0.00708	B per kWh.		Formatted: Font: 9 pt
occupation, franchise, gany other governmenta upon a flat sum paymer by the Company to the amount applicable to eatotal annual revenue frocustomers located with amount, when accumul amount of the flat sum separate line item. The case this process shall I it appears, on an annual	the Customer's ross or other s a uthority, who at, a percentage Customer. Who ach Customer's methe service p in that jurisdicated from all of (s). The fixed amount shall readjusted to b basis, that the (5%) on an ar	s bill, as a sepa similar fee or tax ether imposed by e of gross receip en such tax or fe is bill shall be det bition. The amou sustomers within amount per cus emain the same he new flat sum.	rate item, a now or here or ordinance, ts, net recei e is imposed ermined by ariff within thats shall be the geogra stomer shall. The amour ner over-coll	eafter imposed un franchise, or oth pts, or revenues of on the Compan relating the annume jurisdiction of the converted to a phic jurisdiction be divided by 1 sum may be chant thall be modified ecting or under-company or under-company or under-company or results of the company of the compan	to the proportionate part of any license, pon the Company by any municipality or nerwise, in which the fee or tax is based from the sale of electric service rendered y as a flat sum or sums, the proportionate al total of such sum(s) to the Company's he governmental body and the number of fixed amount per customer, so that the of the governmental body, will equal the 2 and applied to each monthly bill as a nged by the governmental body, in which ad prospectively by the Company anytime sollecting the amount of the flat sum(s) by oportionate amount only in service areas	
location of the meter Company for each	and frequency blied through a er will be at the exception. ished for the so	single meter un building wall unl	less otherwi ess otherwis	se authorized by se specifically de	Company. the Company. The point of delivery and signated and approved in advance by the d, redistributed or submetered, directly or	

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY										
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For ALL TERRITORY	=									
	FEED MILL AND GRAIN ELEVATOR SERVICE SCHEDULE PFM									

- Bills for service will be rendered monthly.
 The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.
 No new customers will be accepted on this rate.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBER	RTY								
P.S.C. Mo. No6 Sec	2	1st	<u> </u>	Revised Original Sheet No. 7					
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For ALL TERRITORY									
TOTAL ELECTR SCHE	IC BUILD EDULE T								
AVAILABILITY: This schedule is available to any general services customers on the lines of the Company for total electric service except those customers who are conveying electric service to others whose utilization of the same is for residential purposes other than transient or seasonal. Motels, hotels, inns, etc., and others who provide transient room and/or room and board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.									
MONTHLY RATE: CUSTOMER ACCESS CHARGE		nmer Season 69.4972.00	Win	nter Season 69.4972.00					
DEMAND CHARGE: Per kW of Billing Demand	\$	3.503.89	\$	2.883.20					
per kW of Facilities Demand	\$	2.13 <u>2.37</u>	\$	2.13 2.37					
First 150 hours use of Metered Demand, per kWh Next 200 hours use of Metered Demand, per kWh		0. 10453 116 16 07 0. 08098 08992 9	\$ \$	0. 07897 <u>0876976</u> 0. 06324 07022 8					
inext 200 flours use of Metered Demand, per KWn	Þ	U. UOUSO UOSSZ S	Φ	U. UUJZ4 U1UZZ 0					

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year. If an interval data recorder is required for billing purposes, the Customer Charge will be \$248.77.

0.07286080917 \$

0.06197068816

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

All additional kWh, per kWh......

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URL COST RECOVERY:
The above charges will be adjusted to include a charge of \$0.00708 per kWh.

DETERMINATION OF BILLING DEMAND:

The monthly Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the month by a suitable demand meter. The monthly Billing Demand will be the monthly Metered Demand or 40 kW, whichever is greater.

DETERMNATION OF MONTHLY FACILITIES DEMAND:

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 40 kW, whichever is greater.

TRANSFORMER OWNERSHIP:

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$0.355 per kW will apply to the Facilities charge.

METERING ADJUSTMENT:

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying metered kilowatts and kilowatt-hours by 0.9806.

MINIMUM MONTHLY BILL:

During any month in which service is rendered, the minimum monthly bill will be the Customer charge plus the demand charge plus the

PAYMENT:

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 5% then applies.

DATE OF ISSUE August 17May 28, 20210 DATE EFFECTIVE June 27September 16, 20210 ISSUED BY Sheri Richard Tim Wilson, Vice President Director Rates and Regulatory Affairs, Electric Operations, Joplin, MO Formatted: Indent: Left: 0", First line: 0"

	6	Sec.	2	1st_		Revised Original Sheet No.
Canceling P.S.C. Mo. No	<u>6</u>	Sec.	2			Original Sheet No. 9
For <u>ALL TERRITOR</u>	RY					
	SPECIAL	TRANSMISSIO			: PRA	XAIR
AVAILABILITY:		SCI	HEDULE SC-I	2		
						contract for power service between
MONTHLY RATE:	011110 001111 71	irr (Gompany) an		`	,	
				Season —		
CUSTOMER ACCESS C			 \$ 259 .	01	\$	259.01
ON-PEAK DEMAND CH			Φ 0=	160	φ.	17.10
Per kW of Billing De SUBSTATION FACILITIE			 \$ 25.	160	\$	- 17.10
Per kW of Facilities			\$ 0	500	\$	
ENERGY CHARGE, per			ψ σ.		Ψ	
On-Peak Period			\$ 0.	05198	\$	
Shoulder Period			\$ 0.	04150	•	<u></u>
Off-Peak Period			\$ 0.	03147	\$	0.02956
remaining eight monthly p.m. through 7:00 p.m. d will be weekends from 1: p.m. during the Summer	billing periods of uring the Summ 2:00 p.m. through Season. All o	of the calendar ye ner Season and 6:0 gh 9:00 p.m. and v ther hours are Of	ar. The On-P 00 a.m. throug weekdays fron f-Peak. Holid	eak hours v h 10:00 p.m n 9:00 a.m. ays include	vill be w . during through New Y	2-16, and the Winter Season will be reekdays, excluding holidays, from the Winter Season. The Shoulder It 12:00 p.m. and 7:00 p.m. through the ear's Day, Memorial Day, Independ Electric Reliability Council (NERC).
remaining eight monthly p.m. through 7:00 p.m. d will be weekends from 1: p.m. during the Summer Day, Labor Day, Thanks; FUEL ADJUSTMENT CLAUS The abeve charges will b ENERGY EFFICIENCY COST he abeve charges will b Company's energy efficient of the appropriate level of the Customer Peak Der	billing periods ouring the Summ 2:00 p.m. through Season. All or giving Day, and season are adjusted in are adjusted to in ency programs to the timand ("CPD") si	of the calendar yester Season and 6:0gh 9:00 p.m. and wither hours are Of Christmas Day, as a mount previded clude a charge of under P.S.C. Rule D, ID): ime of the Compa hall be either PRA	ar. The On-P 00 a.m. throug weekdays fron f Peak. Holid s specified by by the terms a \$0.00045 per 4 CSR 240-20 any's system p	eak hours v h 10:00 p.m n 9:00 a.m. ays include the North Ar and provisio kWh on all c 094(6).	vill be w. during through New Y merican ns of the custome	eekdays, excluding holidays, from the Winter Season. The Shoulder leading to p.m. and 7:00 p.m. through the season.
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remaining eight monthly p.m. through 7:00 p.m. d will be weekends from 1: p.m. during the Summer Day, Labor Day, Thankst The above charges will be ENERGY EFFICIENCY COST The above charges will be Company's energy efficient DETERMINATION OF DEMA An appropriate level of a This Customer Peak Der calculated amount based and PRAXAIR. CURTAILMENT LIMITS: The number of Curtailmaless than two or no more address a system reliabe October 31, 2016, after a year will be seventy five (100) hours during any or DETERMINATION OF BILLIN The monthly "On Peak E by a suitable demand miner address to the suitable demand mineral control of the suitable d	billing periods ouring the Summ 2:00 p.m. through 2:00 p.m. through 2:00 p.m. through 3:2: we adjusted in art FRECOVERY: we adjusted to incorprograms upon the programs of the period of	of the calendar year Season and 6:0gh 9:00 p.m. and wither hours are Of Christmas Day, as a mount provided clude a charge of under P.S.C. Rule D, ID): ime of the Compahall be either PRA as involving PRAX. Curtailment Year secutive hours an e cumulative hours an e cumulative hours and the maximum number of he of the maximum number of he curtailment Cortailment Cortailment Cortailment as the peak hours as started.	ar. The On-P 00 a.m. throug weekdays fron f Peak. Holid s specified by by the terms \$0.00045 per 4 CSR 240-20 my's system p XAIR's actual AIR's actual d no more tha rs of curtailme ours of interrup mber of hours hered above. In	eak hours very 10:00 p.m. 19:00 a.m. 19:00 a.m. 19:00 a.m. 19:00 a.m. 19:00 a.m. 19:00 and provision with one all of the contract of interrupt all be Nover 19:00 and provent set fifteen (19:00 and powent set fifteen	vill be w. during through New Y nerican ns of the custome e determentation of the customer so determine experation of the customer so Nevember 1 the customer 1	reekdays, excluding holidays, from the Winter Season. The Shoulder Hardward 12:00 p.m. and 7:00 p.m. through ear's Day, Memorial Day, Independ Electric Reliability Council (NERC). Fuel Adjustment Clause, Rider FA re who have not declined to participate the participate of the pa

DATE OF ISSUE August 17May 28, 20210 DATE EFFECTIVE September 16June 27, 20210
ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs Vice President, Electric Operations, Joplin, MO

P.S.C. Mo. No	6	Sec.	2	1st	Revised Original Sheet No. 9			
Canceling P.S.C. Mo. No	6	Sec.	2		Original Sheet No9			
For ALL TERRITORY								
SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR SCHEDULE SC-P								

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

The above rates apply for service metered at transmission voltage. Where service is metered at substation voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0086.

P.S.C. Mo. No.	6	Sec.	2	<u>1st</u>	Revised Original Sheet No. 9a
Canceling P.S.C. Mo.	No. <u>6</u>	Sec.	2		Original Sheet No. 9a
For <u>ALL TERF</u>	RITORY				
	SPECIAL		ON SERVICE (CHEDULE SC	CONTRACT: PR	AXAIR
MINIMUM MONTHLY					
any Demand Cha Charge.	rges applicable to th	e current MFD.	all be the Gus In no event	tomer Charge pl shall the interrup	us any Substation Facilities Charge pl tible credit be greater than the Dema
curtail or otherwis during periods of r The MFD shall be return for receiving Company's reque	e not cause to be plane	aced on the Co n. This Maximu nd which PRAX Schedule. For v its operations t	mpany's syste im Firm Dema (AIR agrees r rerification pur to the MFD lev	m by PRAXAIR nd ("MFD") of PF ot to exceed du poses, PRAXAIF rel. The differen	unt of kW demand which PRAXAIR cagreeing to a maximum level of demata. AXAIR shall be specified in the contracting periods of requested interruption a shall be required to demonstrate, at see between the CPD and the MFD, to upon which credits under this Sched
	permitted to specify oner that the numerical				owever the CPD's and MFD's must- ason.
PRAXAIR by teler The Company will specified in the co PRAXAIR shall re	interruptions under phone. The Compan- not request more he ntract. recive a credit on the	y shall give PR ours of interrupti omenthly bill du	AXAIR a notice ion over each arring the appropriate the appropriate the appropriate that is not the appropriate that it is not the appropriate that it is not the appropriate that it is not the appropriate that appropriate the appropriate that appropriate that appropriate the appropria	e prior to demar 12 month period, epriate months o	ated Company representative contact ad reduction, as specified in the contra- starting with June 1 of each year thar If the contract year for the appropriate
amount multiplied are met.	by the appropriate of	credit amount s	pecified in thi	s Schedule, prov	iding that all conditions of this Sched
following consequ 1. The MFD sha	ences: ill be increased to eq ied above shall be d	ual the actual de	emand placed	on Company's s	d at or below the MFD, shall result in t ystem during the requested interruption hus the new MFD established during t
4. Customer shat the current co	g changes shall be ef all refund to Compan ontract an amount eq act has been in effect	y (or Company ual to the chang	may offset from	om future credits	contract term;) any interruptible credits received und ract rate times the number of months t
and/or control equipments of the control of the con	uipment which may vith a requested int rement and/or contr	malfunction three erruption result of equipment	ough no fault t from the re installed at C	or error of Cust asonably unfore ustomer's facilit	pon Customer's electronic measurement omer. Should noncompliance or part oseeable malfunction or dysfunction or the Company shall have discretion once, to offer to charge the Customer a
incremental annua	al capacity costs plus	any incrementa	al energy cost	s incurred by the	Company for load levels in excess of t adjustments to the contract.

P.S.C. Mo. No.	6	Sec	2	1st	Revised Original Sheet No. 9a				
Canceling P.S.C. Mo. No	6	Sec	2		Original Sheet No. 9a				
ForALL TERRITO	DRY								
	SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR SCHEDULE SC-P								

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

place. No retroactive proration will be made for plant shutdowns occurring more than thirty days prior to Empire's receipt of said notice from Customer.

	<u>6</u>	Sec.	2	<u>1st</u>	RevisedOriginal Sheet No. 9b
Canceling P.S.C. Mo. N	o. <u>6</u>	Sec.	2		Original Sheet No. 9b
For <u>ALL TERRIT</u>	<u> </u>				
	SPECIAL	TRANSMISSIO SCI	N SERVICE (HEDULE SC-		AXAIR
SUBSTATION FACILITII The above Substat		rae does not ar	oply if the st	epdown-substat	ion and transformer are owned by th
Customer.		igo doco not ap	, , , , , , , , , , , , , , , , , , ,	opaomi oabota	ion and nanotomor are emica by a
PAYMENT:					
The above rate apple		s paid on or befor	re fifteen (15)	days after the d	ate thereof. If not so paid, the above rat
MONTHLY CREDIT:					
A monthly credit of will be applied.	\$4.01 on demand	reduction per kW	of contracte	d interruptible de	mand for substation metered Customer
GROSS RECEIPTS. OC					
by the Company to amount applicable to total annual revenue customers located amount, when accu	the Customer. When each Customer's from the service within that jurisdic imulated from all-sum(s). The fixed	en such tax or fe s bill shall be det provided by this t tion. The amou customers within I amount per cus remain the same	e is imposed ermined by rariff within the nts shall be the geograpstomer shall until the flat s	on the Company elating the annual purisdiction of the converted to a hic jurisdiction of the divided by 1 sum may be cha	from the sale of electric service render as a flat sum or sums, the proportional total of such sum(s) to the Company ne governmental body and the number fixed amount per customer, so that to if the governmental body, will equal to and applied to each monthly bill as nged by the governmental body, in whi
separate line item. case this process sh it appears, on an an	nall be adjusted to inual basis, that the sent (5%) on an ai	o Company is eitl	ner over-colle	cting or under- o	d prospectively by the Company anytimolecting the amount of the flat sum(s) th
separate line item. case this process sh it appears, on an an more than five perc	nall be adjusted to unual basis, that the cent (5%) on an ac oe is applicable.	o Company is eitl nnual basis. Bill	ner over-colle	cting or under- o	ed prospectively by the Company anytim ollecting the amount of the flat sum(s) to portionate amount only in service area
separate line item. case this process shit appears, on an an more than five percentage where such tax or feese. SPECIAL CONDITIONS 1. The minimum II 2. The Company of the company of the company of the case of	nall be adjusted to unual basis, that the cent (5%) on an access applicable. OF SERVICE: D shall be at least will give Customer	e Company is eith nnual basis. Bill 5600 kW. a minimum of 30	ner over-colle s will be incr minutes notio	eting or under-c eased in the pro	ed prospectively by the Company anytim collecting the amount of the flat sum(s) to eportionate amount only in service area
separate line item. case this process shit appears, on an an more than five percentage where such tax or feese separate such tax or feese	nall be adjusted to unual basis, that the cent (5%) on an access applicable. OF SERVICE: D shall be at least will give Customer may request a dem SC P, is available	S Company is eith nnual basis. Bill 5600 kW. a minimum of 30 and reduction or of for service to F	ner over-colle s will be incr minutes notion any day.	eting or under-ceased in the pro	ed prospectively by the Company anytim collecting the amount of the flat sum(s) k portionate amount only in service area
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separate line item. case this process shit appears, on an an more than five percentage where such tax or feese such tax	nall be adjusted to unual basis, that the cent (5%) on an access applicable. OF SERVICE: D shall be at least will give Customer may request a dem SC P, is available	S Company is eith nnual basis. Bill 5600 kW. a minimum of 30 and reduction or of for service to F	ner over-colle s will be incr minutes notion any day.	eting or under-ceased in the pro	nd prospectively by the Company anytin collecting the amount of the flat sum(s) eportionate amount only in service are conducted and reduction.
separate line item. case this process shit appears, on an an more than five percentage where such tax or feese separate such tax or feese	nall be adjusted to unual basis, that the cent (5%) on an access applicable. OF SERVICE: D shall be at least will give Customer may request a dem SC P, is available	S Company is eith nnual basis. Bill 5600 kW. a minimum of 30 and reduction or of for service to F	ner over-colle s will be incr minutes notion any day.	eting or under-ceased in the pro	nd prospectively by the Company anytin collecting the amount of the flat sum(s) eportionate amount only in service are conducted and reduction.
separate line item. case this process shit appears, on an an more than five percentage where such tax or feest such tax	nall be adjusted to unual basis, that the cent (5%) on an access applicable. OF SERVICE: D shall be at least will give Customer may request a dem SC P, is available	S Company is eith nnual basis. Bill 5600 kW. a minimum of 30 and reduction or of for service to F	ner over-colle s will be incr minutes notion any day.	eting or under-ceased in the pro	nd prospectively by the Company anytin collecting the amount of the flat sum(s) eportionate amount only in service are conducted and reduction.

P.S.C. Mo. No	6	Sec.	2	<u>1st</u>	_	Revised Origina	al Sheet No	o. <u>13</u>
Canceling P.S.C. Mo. No	6	Sec.	2		_	Original Sheet	No	13
For <u>ALL TERRITOR</u>	Υ							
			ANSMISSION CHEDULE ST	SERVICE				
AVAILABILITY:								
This schedule is available Company shall supply, sell power under the provisions	l and deliver elec	rice to any genera etric power at tran	al service Custonsmission or sul	omer who ha ostation volta	as signed age, and	l a service contra the Customer sha	ct with LIBE Il take and p	RTY. Toay for s
NET MONTHLY RATE:			Summer	Season	Winte	er Season		
CUSTOMER ACCESS CHA	ARGE)1		59.01		
ON-PEAK DEMAND CHAR			Φ 05.	100	•	47.40		
Per kW of Billing Dema	and		\$ 25.	160	\$	17.10		
SUBSTATION FACILITIES				-00	•	0.500		
Per kW of Facilities De ENERGY CHARGE, per kV			\$ 0.	500	\$	-0.500		
Peak Period			* -		\$	0.03614		
Shoulder Period			\$ 0.0)4150				
Off-Peak Period The Summer Season will be eight monthly billing periods during the Summer Seasor p.m. through 9:00 p.m. and	pe the first four r s of the calendar n and 6:00 a.m. t	monthly billing peri year. The Peak I through 10:00 p.m	iods billed on a hours will be we n. during the Wil	03147 nd after June ekdays, excl nter Season.	uding ho The Sh	lidays, from 12:00 oulder hours will b	p.m. through e weekends	7:0 0 p from 12
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Off-Peak Period The Summer Season will be eight monthly billing periods during the Summer Season p.m. through 9:00 p.m. and other hours are Off-Peak.	pe the first four r s of the calendar n and 6:00 a.m. I I weekdays from	monthly billing per year. The Peak I through 10:00 p.m 9:00 a.m. through	iods billed on a heurs will be we a during the Win 12:00 p.m. and	nd after June ekdays, excl eter Season. 1 7:00 p.m. th	e 16, and uding ho The Sh nrough 10	I the Winter Seaso lidays, from 12:00 pulder hours will b 0:00 p.m. during th	p.m. through e weekends ne Summer S	7:0 0 p from 12 Season.
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Canceling P.S.C. Mo. N	lo. <u>6</u>	Sec.	2		Original Sheet No <u>14</u>
For <u>ALL TERRI</u>	TORY				
			ANSMISSION CHEDULE ST	SERVICE	
SUBSTATION FACILITI					
Customer.	tion facilities Cha	arge does not ap	oply if the ste	pdown-substat	on and transformer are owned by
PAYMENT: The above rate app	olies only if the bill	is paid on or befo	ore fourteen (1	4) days after th	e date thereof. If not so paid, the al
rate plus 5% then a	pplies. '		`	, ,	1 /

P.S.C. Mo. No6 Canceling P.S.C. Mo. No6 ForALL TERRITORY AVAILABILITY: This schedule is available to municipiterm of not less than ten (10) years Company's standard Municipal Electric Manual Street LIGHTING CHARGE: Incandescent Lamp Sizes (No New Instance 4,000 lumen	s, for outdoor li	SCHED the Com ghting for ment, havin	pany und streets, ng an ori	der the palleys, pginal terr	Provision	Original ns of an nd public less thar Annual Charge er Lamp	Sheet I	s under the post of the post o	aving an original		
VAILABILITY: This schedule is available to municipiterm of not less than ten (10) years Company's standard Municipal Electric NNUAL STREET LIGHTING CHARGE: Incandescent Lamp Sizes (No New Ins. 4,000 lumen	MUNICIPA alities served by s, for outdoor light c Service Agreen stallation Allowe	SCHED the Com ghting for ment, havin	pany und streets, ng an ori	der the palleys, pginal terr	errovision parks and not (ns of an nd public less thar Annual Charge er Lamp	Electric places	Franchise h s under the p) years.	aving an original provisions of the		
/AILABILITY: This schedule is available to municip: term of not less than ten (10) years Company's standard Municipal Electric INUAL STREET LIGHTING CHARGE: Incandescent Lamp Sizes (No New Ins 4,000 lumen	alities served by s, for outdoor liq c Service Agreet stallation Allowe	SCHED the Com ghting for ment, havin	pany und streets, ng an ori	der the palleys, pginal terr	provision parks and of not A	nd public less thar Annual Charge er Lamp	places	s under the post of the post o	provisions of the		
This schedule is available to municipiterm of not less than ten (10) years Company's standard Municipal Electric INUAL STREET LIGHTING CHARGE: Incandescent Lamp Sizes (No New Ins 4,000 lumen	alities served by s, for outdoor liq c Service Agreet stallation Allowe	SCHED the Com ghting for ment, havin	pany und streets, ng an ori	der the palleys, pginal terr	provision parks and of not A	nd public less thar Annual Charge er Lamp	places	s under the post of the post o	provisions of the		
This schedule is available to municipiterm of not less than ten (10) years Company's standard Municipal Electric SINUAL STREET LIGHTING CHARGE: Incandescent Lamp Sizes (No New Ins 4,000 lumen	alities served by s, for outdoor liq c Service Agreet stallation Allowe	SCHED the Com ghting for ment, havin	pany und streets, ng an ori	der the palleys, pginal terr	provision parks and of not A	nd public less thar Annual Charge er Lamp	places	s under the property () years. Annual	provisions of the		
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Incandescent Lamp Sizes (No New Ins 4,000 lumen					C Pe	Charge er Lamp			Watts		
Incandescent Lamp Sizes (No New Ins 4,000 lumen					Pe	er Lamp			walls		
7,000 lumen 11,000 lumen 20,000 lumen 53,000 lumen High-Pressure Sodium-Vapor Lamp Si 6,000 lumen 16,000 lumen 27,500 lumen						62.71 <u>73.</u>	96	kWh 1,088			
11,000 lumen											
20,000 lumen								784 1,186	175 250		
High-Pressure Sodium-Vapor Lamp Si 6,000 lumen 16,000 lumen 27,500 lumen					1	7246. <u>57</u> 3	33	1,868	400		
6,000 lumen					2	<u>9146.15</u> 8	38	4,475	1000		
16,000 lumen 27,500 lumen											
27,500 lumen								374 694	70 150		
								1,271	250		
50,000 lumen								1,880	400		
130,000 lumen					<u>3</u>	52299.62	200	4,313	1000		
Metal Halide Lamp Sizes:							_	200	475		
12,000 lumen 20,500 lumen								696 1,020	175 250		
36,000 lumen					2	2 <mark>04</mark> 1.74 <u>5</u>		1,620	400		
110,000 lumen					4	45 <u>33</u> 2. <u>57</u>	44	4,056	1000		
The monthly charge per lamp, is 1/12tl	h of the annual o	harge.									
UEL ADJUSTMENT CLAUSE:							A .I'		Di la FAO		
The above charges will be adjusted in STORM URI COST RECOVERY:	an amount prov	ided by the	e terms a	ına provi	sions oi	the Fuel	Adjusti	nent Clause,	Rider FAC.	Formatted: Font	: 9 pt
The above charges will be adjusted to	include a charge	e of \$0.007	708 per k	:Wh.						Formatted: Norm	•
									•	Formatted: Font	
DETERMINATION OF ENERGY (kWh) US					41			-1 1 41-		Formatted: Inde	nt: Left: 0", First line: 0"
The monthly energy for each type and factor listed in the table below:	size or lamp is	determin	ea by mi	ulupiying	the an	nuai kvvr	ı iisted	above, by in	e monthly usage		·
Month Jan Feb Mar <i>A</i>	Apr May Ji	un Jul	Aug	Sep	Oct	Nov	Dec	12 mon total			
Jsage											
	.070 .070	64 .067	.073	.079	.091	.098	.104	1.00	0		
								2716 , 2021 0			

THE EMPIRE DISTRICT ELE	CTRIC COM	PANY d.b.a. LIBEI	RTY				
P.S.C. Mo. No.	6	Sec.	3	1st	<u>Revised</u> Orig	inal Sheet No.	2
Canceling P.S.C. Mo. No	6	Sec.	3		Original She	et No.	
For <u>ALL TERRITOR</u>	<u> </u>						
		PRIVA	TE LIGHTIN SCHEDULE				
AVAILABILITY: This schedule is available	for outdoor lie	ghting service to an	y retail Custo	mer.			
MONTHLY RATE: STANDARD STREET LIG	SHTING CONS	STRUCTION:			Per Lamp	Monthly _kWh	Watts
Mercury-Vapor Lamp S	izes (No new	installations allowe					
6,800 lumen					\$ 15.32 16.68	65	175
20,000 lumen 54,000 lumen					2 <u>7</u> 5. <u>76</u> 50 5348.2288	156 373	400 1000
Sodium-Vapor Lamp Si					<u>55</u> .5. <u>22</u> 00	0.0	.000
6 000 lumen					154 415	31	70

16,000 lumen	220.4259	58	150
27,500 lumen	32 29 40 76	106	250
50,000 lumen	3 <u>7</u> 4.5 <u>8</u> 2	157	400
Metal Halide Lamp Sizes:			
12,000 lumen	2 <u>5</u> 3. <u>99</u> 87	59	175
20,500 lumen	3 <u>4</u> 4. <u>69</u> 86	85	250
36,000 lumen	385.9174	135	400
LED:			
7,500-9,500 lumen	14.15	31	92
13,000-16,000 lumen	20.59	48	143
STANDARD FLOOD LIGHTING CONSTRUCTION:			
Mercury-Vapor Lamp Sizes (No new installations allowed):			
20,000 lumen	3 <u>8</u> 5.74 <u>91</u>	156	400
54,000 lumen	6459.2401	373	1000
Sodium-Vapor Lamp Sizes:			
27,500 lumen	3 <u>7</u> 4.6 <u>9</u> 2	106	250
50,000 lumen	5147.7049	157	400
140,000 lumen	7569.5439	359	1000
Metal Halide Lamp Sizes:			
12,000 lumen	2 <u>6</u> 4. <u>9</u> 76	59	175
20,500 lumen	3 <u>52</u> .7 <u>09</u>	85	250
36,000 lumen	5248.6334	135	400
110,000 lumen	7 <u>6</u> 0. <u>91</u> 64	338	1000
LED:	_		
16,000-19,000 lumen	34.62	51	150
28,000-32,000 lumen	47.49	74	218

21.1497 21.1497 21.1497 0.02 Other (miscellaneous) per month...... 1.5% of the estimated installed cost thereof

For installations requiring a large expenditure for additions to, or rearrangements of existing facilities, the total additional charge may be computed at 1.5% of the estimated installed cost thereof per month. Such estimated installed cost excludes the estimated installed cost of materials required for standard construction (see Conditions of Service, No. 1, below).

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

Additional Charge for installations requiring additions to, or rearrangement of, existing facilities: Regular wood pole, per month.....\$

DETERMINATION OF ENERGY (kWh) FOR NON-METERED FIXTURES:

DATE EFFECTIVE DATE OF ISSUE MayAugust 2817, 20210 September-June 2716, 20210 ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs, Vice President, Electric Operations, Joplin, MO Formatted: Line spacing: Multiple 0.5 li

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY									
P.S.C. Mo. No6	Sec.	3	1st	RevisedOriginal Sheet No. 2					
Canceling P.S.C. Mo. No6	Sec.	3		Original Sheet No.					
For ALL TERRITORY									
PRIVATE LIGHTING SERVICE SCHEDULE PL									

The monthly energy (kWh) for each type and size of lamp is listed above.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY									
P.S.C. Mo. No	6	Sec	3	1st	RevisedOriginal Sheet No. 3				
Canceling P.S.C. Mo. No	5	Sec	3		Original Sheet No.				
For ALL TERRITORY									
		SPECIAL LIG	HTING SER	VICE					
AVAILABILITY: This schedule is available seasonal use.	for electric service	e to sport field	lighting, holid	day decorative lig	hting or similar nighttime temporary or				
MONTHLY RATE: For the first 1,000 kWh use For all additional kWh used					\$ 0. 1683819344922 0. 13057 1500460				
MINIMUM: The net monthly minimum of	charge for any mon ^e	th during which	electrical ene	ergy is used will be	\$46.66.				
FUEL ADJUSTMENT CLAUSE: The above charges will be		unt provided by	the terms and	d provisions of the	Fuel Adjustment Clause, Rider FAC.				
STORM URI COST RECOVERY: The above charges will be ac	STORM URI COST RECOVERY: The above charges will be adjusted to include a charge of \$0.00708 per kWh.								
CONSUMPTION: Service will normally be de	livered and metered	l hereunder at t	he secondar.	voltage available	at the service location. Where physical				

Service will normally be delivered and metered hereunder at the secondary voltage available at the service location. Where physical circumstances would normally make it necessary to meter the service at primary voltage, the Company may at its option install a time clock in place of primary metering facilities to measure the hours-use of the service and compute the kilowatt-hours' consumption of the sport field by using the customer's connected load. The connected load used for the calculation will be, determined at the time of installation and at such subsequent times as the Company may deem necessary by actual load check of the customer's facilities. Unmetered dusk to dawn service may be provided, in which case the connected load will be used to determine the kilowatt-hours consumed.

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INSTALLATION CHARGE:

In addition to the above charges, a customer of temporary nature will be required to pay the net cost of erection and removal of any special facilities necessary to provide service. Such net cost will include the Company's total expenditure for labor, material, supervision and all other costs necessary to erect and remove facilities for service, less proper credit for actual salvage.

PAYMENT:

Bills will be due on or before twenty-one (21) days after the date thereof.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount only in service areas where such tax or fee is applicable.

DATE OF ISSUE August May 2817, 20219 DATE EFFECTIVE September June 2716, 20219
ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRIC	T ELECTRIC COMI	PANY d.b.a. LIBE	RTY			
P.S.C. Mo. No.	6	Sec.	3	1st	Revised Original Sheet No. 4	
Canceling P.S.C. Mo.	No. <u>6</u>	Sec.	3		Original Sheet No4	
For ALL TERR	ITORY					
			ANEOUS SI			
AVAILABILITY: This schedule is availal	ble for electric serv	ce to signal syste	ms or similar	unmetered serv	rice and to temporary or seasonal use.	
MONTHLY RATE: Customer charge For all energy used	d, per kWh				\$ 19.51 <u>21.00</u> \$ 0.09940 <u>1134236</u>	
FUEL ADJUSTMENT OF The above charges FAC.		n an amount provi	ided by the te	erms and provis	ions of the Fuel Adjustment Clause, Ride	er
STORM URI COST RE		include a charge	of \$0.00708	ner kWh		Formatted: Font: 9 pt
The above charges	o wiii bo aajaotoa t	molado a onargo	- Οι φυ.υυτ συ	por ktvii.		Formatted: Font: 9 pt
CONSUMPTION: The connected loa	d will be used to ca	lculate the kilowa	tt-hours cons	umed on unmet	ered service.	Formatted: Indent: Left: 0", First line: 0"
	above charges, a ci				p pay the net cost of erection and remove	

PAYMENT:

salvage.

Bills will be due on or before twenty-one (21) days after the date thereof.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

material, supervision and all other costs necessary to erect and remove facilities for service, less proper credit for actual

CONDITIONS OF SERVICE:

- Service will be furnished for the sole use of the customer and will not be resold, redistributed, or submetered, directly or indirectly.
- Voltage, phase, and frequency of service supplied will be as approved by the Company.
- Bills for service will be rendered monthly. Where service is for temporary use, the bill for the current month's service will be rendered immediately on discontinuance of service.
- 4. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY									
P.S.C. Mo. No. 6	<u>6</u>	Sec	3	<u>1st</u>	Revised Original Sheet No.				
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For ALL TERRITORY									
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AVAILABILITY:

This schedule is available for outdoor lighting for streets, alleys, parks, and public places by municipalities served by the Company under the provisions of an Electric Franchise having an original term of not less than ten (10) years, and who have executed, prior to the effective date of this schedule, the Company's standard Municipal Electric Service Agreement (MESA), having an original term of not less than two (2) years.

ANNUAL STREET LIGHTING CHARGE:		Annual Charge	Annual	Input
Light Emitting Diode (LED) Fixtures:	Lumens	per Fixture	kWh	Watts
LED 1	7,500-9,500	\$ <u>8</u> 74. 0 3 <u>0</u>	380	92
LED 2	13,000-16,000	\$1 <u>17</u> 00. <u>96</u> 02	591	143
LED 3	19,000-22,000	\$148.35	694	168

The monthly charge per lamp is 1/12th of the annual charge.

FUEL ADJUSTMENT CLAUSE

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

DETERMINATION OF ENERGY (kWh) USAGE FOR NON-METERED FIXTURES:

The monthly energy charge for each type of fixture is determined by multiplying the annual kWh listed above, by the monthly usage factor listed in the table below:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	12 month total
Usage Factor	.103	.089	.087	.075	.070	.064	.067	.073	.079	.091	.098	.104	1.00

DATE OF ISSUE <u>August 17 May 28, 20210</u> DATE EFFECTIVE <u>September June 2746, 20210</u>
ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs Vice President, Electric Operations, Joplin, MO

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THE EMPIRE DISTRICT ELECTRIC C	OMPANY d.b.a. l	LIBERTY		
P.S.C. Mo. No. 6 6	Sec.	3	<u>1st</u>	Revised Original Sheet No.
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For ALL TERRITORY	•			
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DATE OF ISSUE <u>August 17 May 28, 20210</u> DATE EFFECTIVE <u>September June 2716, 20210</u>
ISSUED BY Sheri Richard Tim Wilson, Director Rates and Regulatory Affairs Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY P.S.C. Mo. No. Sec. 1st Original-Revised Sheet No. 17i Canceling P.S.C. Mo. No. 6 Sec. Original Sheet No. ALL TERRITORY FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after September 16, 2020 The two six-month accumulation periods, the two six-month recovery periods and filing dates are set forth in the following table: Accumulation Periods Filing Dates **Recovery Periods** September–February By April 1 June-November March-August By October 1 December-May The Company will make a Fuel Adjustment Rate ("FAR") filing by each Filing Date. The new FAR rates for which a filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FAR filings shall be accompanied by detailed workpapers with subaccount detail supporting the filing in an electronic format with all formulas intact. Upon request by the Company, and with notice to all parties from the Company's last general rate case, the Commission may grant a variance from any provisions of this FAC Rider for good cause shown. **DEFINITIONS** ACCUMULATION PERIOD: The six calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purpose of determining the FAR. **RECOVERY PERIOD:** The billing months during which a FAR is applied to retail customer usage on a per kilowatt-hour ("kWh") basis. BASE ENERGY COST: Base energy cost is ordered by the Commission in the last rate case consistent with the costs and revenues included in the calculation of the Fuel and Purchase Power Adjustment ("FPA"). BASE FACTOR ("BF"): The base factor is the base energy cost divided by net generation kWh determined by the Commission in the last general rate case. BF = \$0.02338-01013 per kWh for each accumulation period. ON-PEAK TOU SALES ADJ FOR LOSSES: The on-peak sales from TOU customers multiplied by the NSI divided by Total System kWh sales OFF-PEAK TOU SALES ADJ FOR LOSSES: The off-peak sales from TOU customers multiplied by the NSI divided by Total System kWh sales On-Peak FAC BF On-Peak FAC BF in the current TOU Tariff Off-Peak FAC BF Off-Peak FAC BF in the current TOU Tariff DATE EFFECTIVE June 27, 2021 DATE OF ISSUE May 28, 2021

ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

DATE OF ISSUE _____ August 17, 2020 DATE EFFECTIVE ____ September 16, 2020 ISSUED BY Sheri Richard, Director Rates and Regulatory Affairs, Joplin, MO

P.S.C. Mo. No. 6 Sec. 4 1st Original Revised Sheet No. 17j Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. _____ For ALL TERRITORY FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after September 16, 2020

APPLICATION

FUEL & PURCHASE POWER ADJUSTMENT

 $FPA = \{[(FC + PP + E - OSSR - REC - B) * J] * 0.95\} + T + I + P$

Where:

FC = Fuel Costs Incurred to Support Sales:

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

The following costs reflected in Federal Energy Regulatory Commission ("FERC") Accounts 501 and 506: coal commodity and railroad transportation, switching and demurrage charges, applicable taxes, natural gas costs, alternative fuels (i.e. tires, and bio-fuel), fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments assessed by coal suppliers, fuel hedging costs, fuel adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, combustion product disposal revenues and expenses, consumable costs related to Air Quality Control Systems ("AQCS") operation, such as ammonia, lime, limestone, and powdered activated carbon, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses in Account 501.

The following costs reflected in FERC Accounts 547 and 548: natural gas generation costs related to commodity, oil, transportation, fuel losses, hedging costs for natural gas and oil, fuel additives, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, broker commissions and fees.

PP = Purchased Power Costs:

1. Costs and revenues for purchased power reflected in FERC Account 555, excluding including all charges under Southwest Power Pool ("SPP") Schedules 1a and 12. Such costs include:

DATE OF ISSUE May 28, 2021 DATE EFFECTIVE June 27, 2021

ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

DATE OF ISSUE August 17,2020 DATE EFFECTIVE September 16, 2020

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For ALL TERRITORY	<u>, </u>				
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- A. SPP costs or revenues for SPP's energy and operating market settlement charge types and market settlement clearing costs or revenues including:
 - i. Energy;

THE EMPIRE DISTRICT FLECTRIC COMPANY

- ii. Ancillary Services;
 - a. Regulating Reserve Service
 - b. Energy Imbalance Service
 - c. Spinning Reserve Service
 - d. Supplemental Reserve Service
- iii. Revenue Sufficiency;
- iv. Revenue Neutrality;
- v. Demand Reduction;
- vi. Grandfathered Agreements;
- vii. Virtual Energy including Transaction Fees;
- viii. Pseudo-tie; and
- ix. Miscellaneous;
- B. Non-SPP costs or revenue as follows:
 - If received from a centrally administered market (e.g. PJM / MISO), costs or revenues
 of an equivalent nature to those identified for the SPP costs or revenues specified in
 sub part A of part 1 above;
 - ii. If not received from a centrally administered market:
 - a. Costs for purchases of energy; and
 - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and
- C. Settlements, insurance recoveries, and subrogation recoveries for purchased power expenses.
- 2. Costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles.
- 3. Transmission service costs reflected in FERC Account 565:

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 17I Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. For ALL TERRITORY FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC

For service on and after September 16, 2020

- A. Thirty-fourOne hundred percent (34100%) of SPP costs associated with Network Transmission Service:
 - i. SPP Schedule 2 Reactive Supply and Voltage Control from Generation or Other Sources Service:
 - ii. SPP Schedule 3 Regulation and Frequency Response Service; and
 - iii. SPP Schedule 11 Base Plan Zonal Charge and Region-wide Charge.
- B. Fifty_One hundred_percent (50100%) of Mid-Continent Independent System Operator ("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.
- C. One hundred percent (100%) of the SPP revenue associated with:
 - i. Point to point transmission service;
 - ii. Schedule 11 transmission service; and
 - iii. Schedule 1 transmission service (relative to native load).
- 4. 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 SPP or another market participant 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 SPP or another market participant implement a new charge type, exclusive of changes in transmission revenue. The list of sub-accounts included will be provided in the FAC Monthly Reports.
 - 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 new charge type cost or revenue, 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;

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ISSUED BY Tim Wil	son, Vice President, Elect	ric Operations, Joplin, MODAT	E OF ISSUE	August 17,
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DATE OF ISSUE	May 28, 2021	DATE EFFECTIVE	June 27, 2021	
ISSUED BY Tim W	ilson, Vice President, Elect	ric Operations, Joplin, MODAT	E OF ISSUE	August 17,
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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;

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	For service or	n and after September 16, 2020	

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

- E. If the Company makes the filing provided for by 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 the 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 characteristic 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
- F. 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 new charge type cost or revenue, 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 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.

P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 17n Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. For ALL TERRITORY FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after September 16, 2020

E = Net Emission Costs: The following costs and revenues reflected in FERC Accounts 509 and 411 (or any other account FERC may designate for emissions expense in the future): emission allowance costs offset by revenues from the sale of emission allowances including any associated hedging.

OSSR = Revenue from Off-System Sales (Excluding revenue from full and partial requirements sales to municipalities with the exception of the revenue received net of cost from the sale of energy to the Southwest Missouri Power Electric Pool for service from June 1, 2020 – May 31, 2025 and including the net wind revenues from North Fork Ridge, Neosho Ridge, and Kings Point):

The following revenues or costs reflected in FERC Account 447: all revenues from off-system sales and SPP energy and operating market including (see Note A. below):

i. Energy:

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

- ii. Capacity Charges associated with Contracts shorter than 1 year;
- iii. Ancillary Services including;
 - a. Regulating Reserve Service
 - b. Energy Imbalance Service
 - c. Spinning Reserve Service
 - d. Supplemental Reserve Service
- iv. Revenue Sufficiency;
- v. Losses;
- vi. Revenue Neutrality;
- vii. Demand Reduction:
- viii. Grandfathered Agreements;
- ix. Pseudo-tie;
- x. Miscellaneous; and
- xi. Hedging.

REC = Renewable Energy Credit Revenue reflected in FERC Account 456 from the sale of Renewable Energy Credits that are not needed to meet the Renewable Energy Standard.

HEDGING COSTS:

Hedging costs are defined as realized losses and costs (including broker commission fees and margins) minus realized gains associated with mitigating volatility in the Company's cost of fuel, fuel additives, fuel transportation, emission allowances and purchased power costs, including but not limited to, the Company's use of derivatives whether over-the-counter or exchanged traded including, without limitation, futures or forward contracts, puts, calls, caps, floors, collars and swaps.

Should FERC require any item covered by factors FC, PP, E, REC 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, REC 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.

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ISSUED BY Tim Wil	son, Vice President, Electri	c Operations, Joplin, MO		
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ISSUED BY Shari Di	chard, Director Rates and Rec	gulatory Affairs, Joplin, MO		

THE EMPIRE DISTRICT E	LECTRIC CO	VIPANY d.b.a.	LIBERTY			
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With respect to the Company's North Fork Ridge, Neosho Ridge, and Kings Point wind projects, costs associated with the wind projects and revenue generated from the wind projects shall not be passed through to customers via the Fuel Adjustment Clause before the wind projects' revenue requirements are included in rates.

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 170 Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. For ALL TERRITORY FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC

For service on and after September 16, 2020

<u>UB</u> = <u>Unadjusted Net net base energy cost is calculated as follows:</u>

 $UB = (S_{AP} * \$0.0233801013)$

TOU NBEC Adj = (On-Peak TOU Sales Adj for losses * On-Peak FAC BF + Off-Peak TOU Sales Adj for losses * Off-Peak FAC BF) + [(S_{AP} – On-Peak TOU Sales Adj for losses – Off-Peak TOU Sales adj for losses)*BF] – UB

B = UB + TOU NBEC Adj

S_{AP} = Actual net system input at the generation level for the accumulation period.

J = <u>Missouri retail kWh sales</u> Total system kWh sales

Where Total system kWh sales includes sales to municipalities that are associated with Empire and excludes off-system sales.

- T = True-up of over/under recovery of FAC balance from prior recovery period as included in the deferred energy cost balancing account. Adjustments by Commission order pursuant to any prudence review shall also be placed in the FPA for collection unless a separate refund is ordered by the Commission.
- I = Interest applicable to (i) the difference between Total energy cost (FC + PP + E OSSR REC) and Net base energy costs ("B") multiplied by the Missouri energy ratio ("J") for all kWh of energy supplied during an AP until those costs have been billed; (ii) refunds due to prudence reviews ("P"), if any; and (iii) all under- or 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 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.

FUEL ADJUSTMENT RATE

The FAR is the result of dividing the FPA by estimated recovery period S_{RP} kWh, rounded to the nearest \$0.00000. The FAR shall be adjusted to reflect the differences in line losses that occur at primary and secondary voltage by multiplying the average cost at the generator by 1.0429 and 1.0625, respectively. Any FAR authorized by the Commission shall be billed based upon customers' energy usage on and after the authorized effective date of the FAR. The formula for the FPA is displayed below

 $FAR = \frac{FPA}{S_{RP}}$

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ISSUED BY Tim Wil	SSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO DATE OF ISSUE August 17, 2020 DATE EFFECTIVE September 16, 2020 SSUED BY Sheri Richard, Director Rates and Regulatory Affairs, Joplin, MO				
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DATE OF 133UE	August 17, 2020				
ISSUED BY Sheri Ri	chard, Director Rates and Rec	gulatory Affairs, Joplin, MO			

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Where:

 S_{RP} = Forecasted Missouri NSI kWh for the recovery period.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

= Forecasted total system NSI * Forecasted Missouri retail kWh sales
Forecasted total system kWh sales

Where Forecasted total system NSI kWh sales includes sales to municipalities that are associated with Empire and excludes off-system sales.

GENERAL RATE CASE/PRUDENCE REVIEW

The following shall apply to this FAC, in accordance with Section 386.266.5, 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.

TRUE-UP OF FPA

In conjunction with an adjustment to its FAR, the Company will make a true-up filing with an adjustment to its FAC on the first Filing Date that occurs after completion of each Recovery Period. The true-up adjustment shall be the difference between the FPA revenues billed and the FPA revenues authorized for collection during the true-up recovery period, i.e. the true-up adjustment. Any true-up adjustments or refunds shall be reflected in item T above and shall include interest calculated as provided for in item I above.

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For ALL TERRITORY					
	FUEL {	§ PURCHASE	E POWER ADJ RIDER FAC	JUSTMENT CLAUS	SE

For service on and after December 1, 2020

Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		
3 , () (56,521,028
Net Base Energy Cost (B) = (UB + TOU NBEC Adj)	-	60,082,592
2.1 Base Factor (BF)		0.02415
2.2 Unadjusted Net Based Energy Cost (UB)		
2.3 Time-of-use Net Base Energy Cost Adjustment (TOU NBEC Adj)		
2.42 Accumulation Period NSI (SAP)		2,487,892,000
(TEC-B)		(3,561,564)
Missouri Energy Ratio (J)	*	85.52 ¹
(TEC - B) * J		(2,860,278) ²
Fuel Cost Recovery	*	95.00%
(TEC - B) * J * 0.95		(2,575,706)
True-Up Amount (T)	+	(1,423,471)
Prudence Adjustment Amount (P)	+	
Interest (I)	+	(17,232)
Fuel and Purchased Power Adjustment (FPA)	=	(4,016,409)
Forecasted Missouri NSI (SRP)	÷	2,257,566,452
Current Period Fuel Adjustment Rate (FAR)	=	(.00178)
Current Period FAR _{PRIM} = FAR x VAF _{PRIM}		(.00186)
Current Period FAR _{SEC} = FAR x VAF _{SEC}		(.00190)
VAF _{PRIM} = 1.0464		1.0464
VAF _{SEC} = 1.0657		1.0657
	2.1 Base Factor (BF) 2.2 Unadjusted Net Based Energy Cost (UB) 2.3 Time-of-use Net Base Energy Cost Adjustment (TOU NBEC Adj) 2.42 Accumulation Period NSI (SAP) (TEC-B) Missouri Energy Ratio (J) (TEC - B) * J Fuel Cost Recovery (TEC - B) * J * 0.95 True-Up Amount (T) Prudence Adjustment Amount (P) Interest (I) Fuel and Purchased Power Adjustment (FPA) Forecasted Missouri NSI (SRP) Current Period Fuel Adjustment Rate (FAR) Current Period FAR _{PRIM} = FAR x VAF _{PRIM} Current Period FAR _{SEC} = FAR x VAF _{SEC} VAF _{PRIM} = 1.0464	2.1 Base Factor (BF) 2.2 Unadjusted Net Based Energy Cost (UB) 2.3 Time-of-use Net Base Energy Cost Adjustment (TOU NBEC Adj) 2.42 Accumulation Period NSI (SAP) (TEC-B) Missouri Energy Ratio (J) (TEC - B) * J Fuel Cost Recovery (TEC - B) * J * 0.95 True-Up Amount (T) + Prudence Adjustment Amount (P) Interest (I) Fuel and Purchased Power Adjustment (FPA) = Forecasted Missouri NSI (SRP) Current Period Fuel Adjustment Rate (FAR) = Current Period FAR _{PRIM} = FAR x VAF _{PRIM} Current Period FAR _{SEC} = FAR x VAF _{SEC} VAF _{PRIM} = 1.0464

¹The Missouri Energy Ratio (J), on line 4, is calculated by dividing the Missouri retail kWh sales by the Total system kWh sales for the current

DATE OF ISSUE_	October 1, 2020	DATE EF	FECTIVE	December 1, 2020
DATE OF ISSUE	May 28, 2021	DATE EFFECTIVE	June 27, 202	1
ISSUED BY Tim Wil	son, Vice President, Electr	ic Operations, Joplin, MOISSUE	D BY Sheri Richa	ard, Director Rates and
Regulatory Affairs.	Joplin. MO	· · · · · · · · · · · · · · · · · · ·		

THE EMPIRE DISTRICT EL	LOTRIC CO	IVII AINT U.D.a.	LIDLIXII		
P.S.C. Mo. No.	6	Sec.	4	1st2nd	Original Revised Sheet No.17q
Canceling P.S.C. Mo. No.	6	Sec.	4	1st	Original-Revised Sheet No.17q
		000.		100	Oliginal <u>Itoviosa</u> Oliost Ito. <u>11 q</u>
For ALL TERRITORY					
	FUEL	& PURCHASE	_	JUSTMENT CLAU	SE
			RIDER FAC		
i		For service on	and after Dec	cember 1 2020	

accumulation period as specified by the tariff.

²The (TEC-B)*J, on line 5, is calculated by taking the sum of (TEC-B)*J for each month of the accumulation period. Therefore, because each month is weighted differently, the amount on line 5 will not necessarily equal the product of lines three and four.

THE EMPIRE DISTRICT EI	LECTRIC COM	PANY d.b.a. LIBE	RTY			
P.S.C. Mo. No.	<u>6</u>	Sec.	4	<u>1st</u>	_ <u> </u>	<u>Revised</u> O riginal Sheet No. <u>1</u>
Canceling P.S.C. Mo. No.	<u>6</u>	Sec.	4		_ (Original Sheet No <u>18</u> _
For <u>ALL TERRITO</u>	RY					
		ODTIONIAL TIN	4F OF LICE A	DUICTMENT		
		OPTIONAL TIM	RIDER OTOU	DJUSTMENT		
AVAILABILITY: This rider is closed to	additional enro	llment.				
This rider will be availa	able to any Cus	stomer currently se	erved on one	of the followin	g rate s	chedules:
	Service		Rate	Schedule		
R	esidential Serv	ice		RG		
	ommercial Ser			СВ		
	mall Heating S			SH		
	eneral Power S otal Electric Bu			GP TEB		
	arge Power Se			LP		
Availability is limited to	the following:					
	<u>Service</u>		Cus	stomers		
	esidential Serv			50		
	ommercial Ser			50		
	mall Heating S			50		
	eneral Power S otal Electric Bu			5 5		
	arge Power Se			3		
CUSTOMER CHARGE AD	JUSTMENTS:				<u>(</u>	<u>Charge</u>
Residential Service					\$	10.00
Commercial Servi						40.00
•						10.00
Three PhaseGeneral Power or Total Electric Building						15.00 13.69
						0.00
ENERGY ADJUSTMENT PER kWh:				<u>er Season</u>	W	linter Season
	i		\$	0.0275	\$	0.0015
Shoulder period(0.0042)						
Off-Peak period(0.0104)					(0.0011)	
CB or SH:	1			0.0232		0.0006
On-Peak period 0.0232 Shoulder period (0.0044)					0.0000	
Off-Peak period(0.0101)					(0.0007)	
				,		,
GP or TEB:	1			0.0235		0.0009
GP or TEB: On-Peak period			Shoulder period(0.0024)			
GP or TEB: ['] On-Peak period Shoulder period	b			(0.0005)		(0.0000)
GP or TEB: On-Peak period Shoulder period Off-Peak period	b			(0.0085)		(0.0008)
GP or TEB: On-Peak period Shoulder period Off-Peak period LP:	d d					
GP or TEB: On-Peak period Shoulder period Off-Peak period LP: On-Peak period	ii			(0.0085) 0.0221 (0.0009)		0.0008)