BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of The Empire District Electric Company)	
of Joplin, Missouri for Authority to File Tariffs Increasing)	Case No. ER-2010-0130
Rates for Electric Service Provided to Customers in the	
Missouri Service Area of the Company.	

NON-UNANIMOUS STIPULATION AND AGREEMENT

The Empire District Electric Company ("Empire" or "Company"), the Staff of the Missouri Public Service Commission ("Staff"), the Missouri Department of Natural Resources ("MDNR"), and the City of Joplin, Missouri ("City") (collectively, the "Parties") respectfully submit the following Non-Unanimous Stipulation and Agreement ("Stipulation") to the Missouri Public Service Commission ("Commission"):

1. Issues Not Settled With This Stipulation. If this Stipulation is approved by the Commission, the issue regarding the date the Plum Point generating unit ("Plum Point") is "fully operational and used for service," as specified in Part I. of the non-unanimous *Stipulation and Agreement* filed February 25, 2010 in this case, will remain open, possibly to be tried by the parties to this case and decided by the Commission, or resolved by separate agreement subject to Commission approval. As specified in Part II. C of the non-unanimous *Stipulation and Agreement* filed February 25, 2010 in this case, the Parties agree Staff, and other entities, have the right to conduct construction audits and prudence reviews of expenditures related to Plum Point, and that Staff, and other entities, have the right to make recommendations to the Commission in future proceedings for the disallowance of such expenditures based on allegations they were imprudently incurred. This Stipulation is to be read and construed in concert with the non-unanimous *Stipulation and Agreement* filed February 25, 2010 in this case.

Attachment to Order Approving Unanimous Stipulation and Agreement

- 2. Issues Settled With This Stipulation. This Stipulation is intended to settle all issues among the Parties for purposes of this Case No. ER-2010-0130 except the issues expressly set out in paragraph 1 above. This Stipulation is not "unanimous" because certain parties have not joined as signatories to this Stipulation. The non-signatories, Kansas City Power & Light Company, the Office of the Public Counsel, and the Midwest Energy Users' Association however, have affirmatively stated non-opposition and waived rights to a hearing on the issues resolved herein.
- **3. Present Rate Revenue.** It is agreed that Empire's Missouri jurisdictional present rate revenue is \$351,484,958.00, exclusive of any applicable license, occupation, franchise, gross receipts taxes, or similar fees or taxes, but including amortizations of \$4,463,535 ("regulatory plan amortizations") pursuant to the *Empire Experimental Regulatory Plan Stipulation* entered into in Case No. EO-2005-0263.

4. Tariffs.

A. In the event it is later determined by the Commission in this case, after hearing or agreement among the parties, that the Plum Point generating unit is, on or before August 15, 2010, "fully operational and used for service", then, under those circumstances, the Parties request that the Commission order Empire to file revised tariff sheets containing rate schedules designed to produce an increase in the Company's Missouri jurisdictional gross annual electric revenues in the amount of \$36,800,000 (plus the level of regulatory plan amortizations specified herein), exclusive of any applicable license, occupation, franchise, gross receipts taxes, or similar fees or taxes. For purposes of determining Plum Point investment amounts subject to Construction Accounting, this "black box" settlement amount includes balance sheet figures as of February 28, 2010.

Revised specimen tariff sheets designed to implement the revenue increase provided for in this paragraph 4.A. as well as the other terms and conditions of this Stipulation are attached hereto as **Appendix A**.

B. In the event the Plum Point expenditures are not included in the revenue requirement in this case as a result of Plum Point being determined (or agreed) not to be "fully operational and used for service," on or before August 15, 2010, the Parties request that the Commission order Empire to file revised tariff sheets containing rate schedules designed to produce an increase in the Company's Missouri jurisdictional gross annual electric revenues in the amount of \$23,100,000 (plus the level of regulatory plan amortizations specified in Paragraph 4.C., herein), exclusive of any applicable license, occupation, franchise, gross receipts taxes, or similar fees or taxes. Revised specimen tariff sheets designed to implement the revenue increase provided for in this paragraph 4.B. as well as the other terms and conditions of this Stipulation are attached hereto as **Appendix B**.

C. In either event, the regulatory plan amortization increase (in addition to Empire's current regulatory plan amortization in the amount of \$4,463,535 million) shall be capped at a maximum of \$10,000,000 and said cap is reflected in the revised specimen tariff sheets contained in Appendix A and Appendix B. The cap will necessarily be in effect only from the time that revised tariffs become effective in this case until the time that revised tariffs become effective in Empire's next electric rate case. Empire acknowledges that the regulatory plan amortization increase would be greater than this cap if the regulatory plan amortization was calculated according to the *Empire Experimental Regulatory Plan Stipulation*. If, as a result of said regulatory amortization

cap, there is an adverse consequence such as (but not limited to) increased borrowing costs resulting from a credit rating downgrade, Empire will hold its customers harmless from that adverse consequence for the duration of the adverse consequence.

- **5. Meter Treater Program and Rate Case Rider.** The revised tariffs to be filed by Empire pursuant to this Stipulation shall reflect the removal of the Meter Treater Program and the withdrawal by Empire of its proposed rate case rider.
- **6. Pensions/OPEB.** The Parties support the treatment of FAS 87 and FAS 106 as shown on **Appendix C** attached hereto. For the twelve months ended December 31, 2009, the annual level of ongoing pension and OPEBs expense to be recovered in rates is \$5,093,719 and \$552,484 respectively. This includes the actuarially determined expense for 2009 of \$4,858,163 and \$1,203,641, for pension and OPEBs, respectively, and the five year amortization amounts of \$235,556 and (\$651,157) for pensions and OPEBs, respectively. The prepaid pension asset balance as of December 31, 2009 is \$50,417.
- 7. **Demand Side Management.** There shall be no changes in Empire's demand side management ("DSM") programs in conformity with the *Empire Experimental Regulatory Plan Stipulation*. In its next Chapter 22 Resource Planning Filing ("IRP") due September of 2010, Empire agrees to model and fully analyze two demand-side management program portfolios (moderate and aggressive), with a goal of achieving annual electric energy (sales) and demand savings (peak) equivalent to 1% by 2015 and 2% by 2020. "Fully analyze" means the alternative portfolio(s) will be treated as resources available for selection in the determination of critical uncertain factors and in the identification of alternative resource plans and at least one of the alternative portfolios will be included in an alternative resource plan included in the

integration analysis. The aggressive portfolio (2%) shall be based on maximum achievable potential and the moderate portfolio (1%) shall be based on realistic achievable potential.

- 8. Fuel Adjustment Clause (FAC). The Parties request that the Commission order Empire to file FAC tariff sheets in conformity with the specimen tariff sheets attached hereto as Appendix D. The tariff sheets attached hereto reflect the following:
 - A. Empire shall utilize the two-tariff approach to implement changes to its FAC.
 - B. Renewable Energy Credits (REC) shall be included in the FAC and properly reflected in the determination of the FAC base.
 - C. Air Quality Control System (AQCS) Consumables shall be included in the FAC and properly reflected in the determination of the FAC base.
 - D. FAC reporting requirements shall be as follows:
 - 1. Monthly Southwest Power Pool ("SPP") market settlements and revenue neutrality uplift charges;
 - 2. Notify Staff within 30 days of entering a new long-term contract for transportation, coal, natural gas or other fuel; natural gas spot transactions are specifically excluded;
 - 3. Provide Staff with a monthly natural gas fuel report that includes all transactions, spot and longer term; the report will include term, volumes, price and analysis of number of bids;
 - 4. Notify Staff within 30 days of any material change in Empire's fuel hedging policy, and provide the Staff with access to new written policy;
 - 5. Provide Staff its Missouri Fuel Adjustment Interest calculation workpapers in electronic format with all formulas intact when Empire files for a change in the cost adjustment factor;
 - 6. Notify Staff within 30 days of any change in Empire's internal policies for participating in the SPP;
 - 7. Continue to provide Staff access to all contracts and policies upon Staff's request, at Empire's corporate office in Joplin, Missouri.
 - E. REC revenues, emission allowance revenues, and AQCS consumables will be reflected in base rates and the FAC base calculation.

- F. The impact of off-system sales revenues and costs not included in base rates will flow through the FAC.
 - G. The base calculation for the FAC is attached as **Appendix E.**
- 9. Rate Design. The rate increase shall be spread evenly both by class and component. The Company's billing determinants, as shown on the attached Appendix F, shall be used for computation of revenue. The Parties agree to use a weather data base that reflects the adjustments incorporated in the National Oceanic and Atmospheric Administration's (NOAA) normals for the Springfield weather station for changes in equipment and surroundings in the next rate case. This data set will contain adjusted daily data for the time period of January 1, 1971 to present. Staff and the Company will work together to develop this data set and will provide it to the parties prior to the filing of Empire's next rate case.

10. Vegetation/Infrastructure.

- A. The vegetation tracker established in Empire's last electric rate case, Case No. ER-2008-0093, and trued-up through December of 2009 in the Staff Accounting Schedules in this case, will continue. The vegetation tracker will be rebased in Empire's Rate Filing called for in Section III.D.7. of the *Empire Experimental Regulatory Plan Stipulation* (the Iatan 2 case), and evaluated for termination in Empire's electric rate case following Empire's Rate Filing called for in Section III.D.7. of the *Empire Experimental Regulatory Plan Stipulation*. The base for the vegetation tracker in this case, Case No. ER-2010-0130, will be set at \$9 million, with a \$13 million cap and a \$7 million floor (all Missouri jurisdictional amounts).
- B. Empire's current infrastructure tracker will terminate on the effective date of the revised tariff sheets approved in this case.

11. Additional Agreements.

A. The carrying cost to be applied to Plum Point, Iatan 1, and Iatan 2 investment construction accounting, pursuant to previous stipulations, shall reflect a 7.75% return on equity component which reflects the 250 basis point reduction defined in the *Empire Experimental Regulatory Plan Stipulation*.

B. In regard to the pre-1994 state income tax flow-through regulatory asset, Empire will continue to amortize the asset over an additional 18 years. Any party shall be free to argue the appropriateness of including the amortized amounts in rates in the case following the Iatan 2 rate case.

C. The Parties agree that they will use their best efforts to reach a resolution of the question of whether Plum Point is "fully operational and used for service" in time so that the revised tariff sheets agreed to herein will become effective for service rendered on and after September 10, 2010.

12. Contingent Waiver of Rights. This Stipulation is being entered into solely for the purpose of settling the issues in this case. Unless otherwise explicitly provided herein, none of the Parties to this Stipulation shall be deemed to have approved or acquiesced in any ratemaking or procedural principle, including, without limitation, any method of cost determination or cost allocation or revenue-related methodology. Except as explicitly provided herein, none of the Parties shall be prejudiced or bound in any manner by the terms of this Stipulation in this or any other proceeding regardless of whether this Stipulation is approved.

This Stipulation has resulted from extensive negotiations among the Parties, and the terms hereof are interdependent. If the Commission does not approve this Stipulation

unconditionally and without modification, then this Stipulation shall be void and no Party shall be bound by any of the agreements or provisions hereof.

If the Commission does not approve this Stipulation without condition or modification, and notwithstanding the provision herein that it shall become void, (1) neither this Stipulation nor any matters associated with its consideration by the Commission shall be considered or argued to be a waiver of the rights that any Party has for a decision in accordance with RSMo. §536.080 or Article V, Section 18 of the Missouri Constitution, and (2) the Parties shall retain all procedural and due process rights as fully as though this Stipulation had not been presented for approval, and any suggestions, memoranda, testimony, or exhibits that have been offered or received in support of this Stipulation shall become privileged as reflecting the substantive content of settlement discussions and shall be stricken from and not be considered as part of the administrative or evidentiary record before the Commission for any purpose whatsoever.

In the event the Commission accepts the specific terms of this Stipulation without condition or modification, the Parties waive their respective rights to present oral argument and written briefs pursuant to RSMo. §536.080.1, their respective rights to the reading of the transcript by the Commission pursuant to §536.080.2, their respective rights to seek rehearing pursuant to §536.500, and their respective rights to judicial review pursuant to §386.510. This waiver applies only to a Commission order approving this Stipulation without condition or modification issued in this proceeding and only to the issues that are resolved hereby. It does not apply to any matters raised in any prior or subsequent Commission proceeding nor any matters not explicitly addressed by this Stipulation.

13. Right to Disclose. The Staff may file suggestions or a memorandum in support of this Stipulation. Each of the Parties shall be served with a copy of any such suggestions or

memorandum and shall be entitled to submit to the Commission, within five (5) days of receipt of Staff's suggestions or memorandum, responsive suggestions or a responsive memorandum, which shall also be served on all Parties. The contents of any suggestions or memorandum provided by any Party are its own and are not acquiesced in or otherwise adopted by the other signatories to this Stipulation, whether or not the Commission approves and adopts this Stipulation.

The Staff also shall have the right to provide, at any agenda meeting at which this Stipulation is noticed to be considered by the Commission, whatever oral explanation the Commission requests; provided, that the Staff shall, to the extent reasonably practicable, provide the other Parties with advance notice of when the Staff shall respond to the Commission's request for such explanation once such explanation is requested from the Staff. The Staff's oral explanation shall be subject to public disclosure, except to the extent it refers to matters that are privileged or protected from disclosure pursuant to Commission Rule 4 CSR 240-2.135.

WHEREFORE, the undersigned Parties respectfully request that the Commission issue its Order approving all of the specific terms and conditions of this Stipulation.

Respectfully submitted,

THE EMPIRE DISTRICT ELECTRIC COMPANY

THE STAFF OF THE

MISSOURI PUBLIC SERVICE COMMISSION

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CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or electronically mailed to all counsel of record this 12th day of May. 2010.

/s/ Sarah Kliethermes

P.S.C. Mo. No.	5	Sec.	A	25 th	Revised Sheet No.	1
Canceling P.S.C. Mo. No.	5	Sec.	A	24 th	Revised Sheet No.	1

For ALL TERRITORY

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DATE OF ISSUE

DATE EFFECTIVE _

ISSUED BY W. Scott Keith, Director, Joplin, MO

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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. 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. The amount 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, and the number of customers located within that jurisdiction. The amount shall be converted to a 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. 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 wil							

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CUSTOMER CHARGE DEMAND CHARGE:				er Season 0.02	Winter Season \$ 60.02	
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per kW of Facilities [ENERGY CHARGE:	Demand			1.789	1.789	
First 150 hours use	of Metered Den	nand, per kWh		0.0955	0.0573	
Next 200 hours use All additional kWh, p	of Metered Der er kWh	mand, per kvvn		0.0612 0.0553	0.0555 0.0550	
remaining eight monthly Charge will be \$220.80. FUEL ADJUSTMENT CLAUS The above charges will be DETERMINATION OF BILLIN The monthly Metered De	billing periods of E: e adjusted in all G DEMAND: emand will be of	of the calendar year of the calendar year of amount provided determined from the	r. If an interva by the terms a	I data recorder and provisions en minute inte	June 16, and the Winter Sear is required for billing purposes of the Fuel Adjustment Clause agrated kilowatt demand registaly Metered Demand or 40 kV	s, the Customer s, Rider FAC. sered during the
demand recorded in each	Demand will be th of the previoused. The mon	e determined by a ous 11 months. If	there are les	s than 11 pre	month's metered demand ar vious months of data, all avai mand as determined by this co	ilable data from
TRANSFORMER OWNERSH Where the Customer sup primary line feeding to su	oplies all facilitie				on of service at the voltage of ilities Charge.	the Company's
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 the Facilities Charge.	ch service is rei	ndered, the minimu	um monthly bill	will be the Cu	istomer Charge plus the Dema	ınd Charge plus
PAYMENT: The above rate applies of 5% then applies.	nly if the bill is $ $	paid on or before f	ourteen (14) da	ays after the d	ate thereof. If not so paid, the	above rate plus

THE EIGHT WE STOTE OF LEED THO COMM THAT							
P.S.C. Mo. No5	Sec.	2	15 th	Revised Sheet No.	4		
Canceling P.S.C. Mo. No5	Sec.	2	14 th	Revised Sheet No.	4		
For ALL TERRITORY							
LARGE POWER SERVICE SCHEDULE LP							

AVAILABILITY:

THE EMPIRE DISTRICT ELECTRIC COMPANY

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:	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 221.94	\$ 221.94
DEMAND CHARGE:		
Per kW of Billing Demand	12.28	6.78
FACILITIES CHARGE		
per kW of Facilities Demand	1.477	1.477
ENERGY CHARGE:		
First 350 hours use of Metered Demand, per kWh	0.0601	0.0534
All additional kWh, per kWh	0.0325	0.0314

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.

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:

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

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 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 1000 kW, whichever is greater.

TRANSFORMER OWNERSHIP:

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.306 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 1.0198.

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 0.9742.

DATE OF ISSUE	DATE EFFECTIVE
ISSUED BY Kelly S Walters Vice President Jonlin MO	

THE EMPIRE DISTRICT EL	ECTRIC COMPA	ANY				
P.S.C. Mo. No.	5	Sec.	2	14 th	_ Revised Sheet No	o. <u>6</u>
Canceling P.S.C. Mo. No	5	Sec.	2	13 th	_ Revised Sheet No	o. <u>6</u>
For <u>ALL TERRITOR</u>	RY					
	FEE	D MILL AND			CE	
		SC	HEDULE PF	VI		
AVAILABILITY: This schedule is availab	ole for electric ser	vice to any cus	stom feed mill	or grain eleva	ator.	
MONTHLY RATE: Customer Charge The first 700-kWh, per k Additional kWh, per kWl	‹Wh		0.		Winter Season \$ 24.79 0.1614 0.1467	
PAYMENT: The above rate applies above rate plus 5% ther		s paid on or b	efore twenty-	one (21) days	after the date thereof.	If not so paid, the
FUEL ADJUSTMENT CLAU The above charges will FAC.		n amount prov	rided by the te	erms and prov	isions of the Fuel Adjust	ment Clause, Rider
occupation, franchise, gany other governmental upon a flat sum paymer by the Company to the camount applicable to eatotal annual revenue frocustomers located with amount, when accumul amount of the flat sum separate line item. The case this process shall lit appears, on an annual	the Customer's gross or other sind authority, whether, a percentage of Customer. When ach Customer's bound the service profin that jurisdiction lated from all customer's had be adjusted to the all basis, that the (5%) on an anni	bill, as a separallar fee or tax ner imposed be of gross receipt such tax or fee bill shall be de byided by this fon. The amoustomers within amount per cumain the same enew flat sum Company is either tax or tax o	arate item, are now or here by ordinance, ots, net receipte is imposed termined by retariff within the unts shall be a the geograpt stomer shall a until the flats. The amounther over-college	after imposed franchise, or lets, or revenue on the Compa elating the an elating the inconverted to whic jurisdiction be divided by sum may be contained to the contained by the	al to the proportionate particles of upon the Company by otherwise, in which the estimates and a flat sum or summal total of such sum(sof the governmental body a fixed amount per custometric and applied to each thanged by the governmental by 12 and applied to each thanged by the governmental by 15 and applied to each thanged by the governmental by 16 and proportionate amount or proportionate amount or	any municipality or fee or tax is based ic service rendered s, the proportionate) to the Company's and the number of stomer, so that the body, will equal the h monthly bill as a ental body, in which e Company anytime of the flat sum(s) by
location of the meter Company for each of Service will be furn indirectly.	e and frequency or plied through a s er will be at the b exception. hished for the sole will not be less to be rendered mores and Regulation	single meter under under under use of the Chan one (1) yenthly. ns, P.S.C. Mo.	nless otherwis lless otherwis ustomer and ear. Intermitte	e authorized le specifically de specifically de will not be resent or seasona	by the Company. The p designated and approved sold, redistributed or sub- I service will not be provi	d in advance by the metered, directly or

THE EMPIRE DISTRICT	ELECTRIC COMP	PANY				
P.S.C. Mo. No.	5	Sec.	2	14 th	Revised Sheet No.	7
Canceling P.S.C. Mo. No.	5	Sec.	2	13 th	Revised Sheet No.	7
For <u>ALL TERRIT</u>	ORY					
			TRIC BUILDIN			
customers who are co or seasonal. Motels, I	onveying electric se notels, inns, etc., a nsient or seasonal	rvice to others we nd others who pe basis are not	vhose utilizatior rovide transient excluded from	of the same is room and/or ro the use of this	npany for total electric servic for residential purposes othe om and board service and/or rate. The Company reservice service.	r than transient provide service
MONTHLY RATE: CUSTOMER CHARGI DEMAND CHARGE:	E			er Season 60.02	Winter Season \$ 60.02	
	Demand			2.96	2.43	
	es Demand		1	.789	1.789	
First 150 hours us Next 200 hours us	se of Metered Dem se of Metered Dem n, per kWh	and, per kWh		0.1114 0.0714 0.0646	0.0596 0.0564 0.0555	
The Summer Season remaining eight month Charge will be \$220.8	ly billing periods of	ur monthly billin the calendar ye	g periods billed ar. If an interva	l on and after . I data recorder	June 16, and the Winter Sea is required for billing purposes	son will be the s, the Customer
FUEL ADJUSTMENT CLA The above charges wi		amount provide	d by the terms	and provisions o	of the Fuel Adjustment Clause	, Rider FAC.
DETERMINATION OF BILI The monthly Metered month by a suitable of greater.	Demand will be de	etermined from the monthly Billir	the highest fifte ng Demand will	en minute integ be the monthl	grated kilowatt demand regist y Metered Demand or 40 kV	ered during the V, whichever is
demand recorded in e	s Demand will be each of the previous se used. The mont	determined by us 11 months.	If there are les	s than 11 prev	month's metered demand ar ious months of data, all avai nand as determined by this co	lable data from
TRANSFORMER OWNER Where the Customer of the primary line feeding to	supplies all facilitie				n of service at the voltage of ties charge.	the Company's
	s for service metere				ered at the voltage of the prim y multiplying metered kilowat	
MINIMUM MONTHLY BILL During any month in v the Facilities Charge.		dered, the minir	mum monthly b	ll will be the Cu	stomer charge plus the dema	and charge plus
PAYMENT: The above rate applies 5% then applies.	s only if the bill is p	aid on or before	fourteen (14) d	ays after the da	te thereof. If not so paid, the	above rate plus

P.S.C. Mo. No.	<u>5</u>	Sec.	2	10 th	_ Revised Sheet No.	9					
Canceling P.S.C. Mo. No	5	Sec.	2	9 th	_ Revised Sheet No.	9					
_											
For ALL TERRITOR	Υ										
	SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR										
		SCH	HEDULE SC-P								
AVAILABILITY:											
					n the contract for power service ract").	e between THE					
MONTHLY RATE:			0 0		NAT: 1 O						
CUSTOMER CHARGE			Summer S \$ 220.8		Winter Season \$ 220.80						
ON-PEAK DEMAND CHA Per kW of Billing De	mand		21.4	5	14.57						
SUBSTATION FACILITIE Per kW of Facilities	S CHARGE			31	0.431						
ENERGY CHARGE, per I On-Peak Period	κWh:			462	0.0328						
Shoulder Period			0.0	372							
Off-Peak Period				288	0.0271						
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. The On-Peak hours will be weekdays, excluding holidays, from 12:00 p.m. through 7:00 p.m. during the Summer Season and 6:00 a.m. through 10:00 p.m. during the Winter Season. The Shoulder hours will be weekends from 12:00 p.m. through 9:00 p.m. and weekdays from 9:00 a.m. through 12:00 p.m. and 7:00 p.m. through 10:00 p.m. during the Summer Season. All other hours are Off-Peak. Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, as specified by the North American Electric Reliability Council (NERC).											
FUEL ADJUSTMENT CLAUS The above charges will be		n amount provided	by the terms a	nd provisions	of the Fuel Adjustment Clause	e, Rider FAC.					
This Customer Peak Den	emand at the t nand ("CPD") s	ime of the Compa hall be either PRA	XAIR's actual r	naximum me	letermined for PRAXAIR unde asured kW demand during a p erations, and agreed upon bet	eak period, or a					
by a suitable demand me	emand" shall better during the	peak hours as stat	ted above. In r	no event shal	minute integrated kilowatt der I the Peak Demand be less th city as specified in the contra	an the lesser of					
registered by a suitable	n Facilities De demand mete kW and Custe	mand" shall be de er during all hours omer's CPD for C	s. In no event	shall Substa	phest fifteen (15) minute inter ation Facilitiy Demand, if app cted interruptible capacity as	olicable be less					
					e is metered at substation vowatts and kilowatt-hours by 1.0						
					us any Substation Facilities C nterruptible credit be greater th						

THE EMPIRE DISTRICT EL	ECTRIC COM	IPANY				
P.S.C. Mo. No.	5	Sec.	2	9 th	Revised Sheet No.	13
Canceling P.S.C. Mo. No	5	Sec.	2	8 th	Revised Sheet No.	13
_					_	
For ALL TERRITOR	RY					
			ANSMISSION CHEDULE ST	SERVICE		
			ONEDOLL OF			
AVAILABILITY:						
This schedule is availal EMPIRE DISTRICT EL	ECTRIC CON	IPANY. The Co	mpany shall si	upply, sell a	who has signed a service cor nd deliver electric power at t provisions of the contract.	
NET MONTHLY RATE:						
CUSTOMER CHARGE			Summer S \$ 220.8		Winter Season \$ 220.80	
ON-PEAK DEMAND CH	HARGE		,		,	
Per kW of Billing De SUBSTATION FACILIT			21.4	-5	14.57	
Per kW of Facilities	s Demand		0.4	31	0.431	
ENERGY CHARGE, pe Peak Period				462	0.0328	
Shoulder Period Off-Peak Period				1372 1288	0.0271	
FAC.	SE: be adjusted ir	n an amount prov			risions of the Fuel Adjustmen	t Clause, Ridei
registered by a suitable	Demand" sha demand meter or Customer	all be determined er during the pea 's MFD for Cust	k hours as stat	ed above. I	een (15) minute integrated ki n no event shall Peak Demar ed interruptible capacity as s	nd be less than
integrated demand regi	on Facilities [stered by a su an the greater	Demand" if appliouitable demand more of 6000 kW and	neter during all nd Customer's	hours. In n CPD for Cu	d as being the highest fifted o event shall Substation Faci ustomers that have contracte	litiy Demand, i
	for service me				ce is metered at substation vos s and kilowatt-hours by 1.008	
MINIMUM MONTHLY BILL: Except as provided in t Peak Demand Charge p	the above-mei			Monthly Bill	shall be the Customer Charg	e plus the On
DATE OF ISSUE			DATE I	EFFECTIVE		

THE EMPIRE	E DISTRIC	T ELEC	TRIC C	OMPAN	Υ									
P.S.C. Mo. N	0.		5		Sec.	_	3		15 th	_	Revised	Sheet No.	1	
Canceling P.	S.C. Mo. I	No.	5		Sec.		3		14 th		Revised	Sheet No.	1	
· · · · · · · · · · · · · · · · · ·														
For	ALL TERR	ITORY												
MUNICIPAL STREET LIGHTING SERVICE														
							SCHED	JLE SPI	_					
term of	edule is a	han ten	(10) ye	ears, for	outdoo	or lighti	ng for s	streets,	alleys, p	parks a	nd publi	ic places u	nder the p	aving an origina provisions of the
Compan	y's standa	rd Muni	cipal Ele	ctric Sei	vice Ag	reemer	nt, havin	g an ori	ginal teri	m of no	t less tha	an two (2) ye	ears.	
											Annual			
ANNUAL STI											Charge		nnual	Watts
	scent Lam										er Lamp		(Wh	
•	00 lumen .										58.71 120.83		1,088 2,331	
•	000 lumen					•••••					120.03	2	2,331	
	-Vapor La													
	00 lumen .										79.75		784	175
,	000 lumen										95.71		1,186	250
	000 lumen										137.03		1,868	400
53,0	000 lumen	•••••								4	231.19	4	1,475	1000
High-Pre	ssure So	dium-Va	por Lam	o Sizes	(Lucalo	x, etc.):								
_	00 lumen .										74.74		374	70
16,0	000 lumen										93.55		694	150
27,5	00 lumen									········ ′	121.75	1	1,271	250
50,0	000 lumen									<i>'</i>	173.51		1,880	400
130,	,000 lume	n								2	280.00	4	1,313	1000
Metal Ha	alide Lamp	Sizes.												
	000 lumen										116.95		696	175
	00 lumen										143.33		1,020	250
,	000 lumen										191.73		1,620	400
	,000 lume										423.69		4,056	1000
The man	thly obore	ما ممدام	mn in 1/	10th of	ha annı	بمطم لمب								
rne mon	nthly charg	je per ia	mp, is i/	12th of	ine anni	uai chai	rge.							
FUEL ADJUS				d in an a	mount p	orovide	d by the	terms a	nd provi	isions o	f the Fue	el Adjustmer	nt Clause, I	Rider FAC.
	hly energ	y for ea	ch type							the an	ınual kW	/h listed abo	ove, by the	e monthly usage
factor liste	ed in the ta	able belo	ow:										12 mont	th
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	total	
Hann				-	-			-	-					
Usage Factor	.103	.089	.087	.075	.070	.064	.067	.073	.079	.091	.098	.104	1.00	
. 40.01		.000	.001	.0.0	.0.0	.00 1	.001	.0.0	.0.0	.501	.500	,	1.50	

THE EMPIRE DISTRICT E	LECTRIC COMP	PANY					
P.S.C. Mo. No.	5	Sec.	3	19 th	Revised Sho	eet No.	2
Canceling P.S.C. Mo. No.	5	Sec.	3	18 th	Revised Sho	eet No.	2
For <u>ALL TERRITO</u>	RY						
		DDI\/A	TE LIGHTING	SEDVICE			
		TIMVA	SCHEDULE				
AVAILABILITY: This schedule is availab	le for outdoor ligh	ting service to an	y retail Custon	ner.			
MONTHLY RATE:						Monthly	
OTANDADD OTDEET I	ICUTING CONCI	TOUGHON!			Per Lamp	<u>kWh</u>	<u>Watts</u>
STANDARD STREET L Mercury-Vapor Lamp			۰۹)۰				
6,800 lumen					\$ 14.14	65	175
20,000 lumen					23.54	156	400
54,000 lumen					45.13	373	1000
Sodium-Vapor Lamp					40.10	070	1000
6,000 lumen					13.06	31	70
16.000 lumen					19.00	58	150
27,500 lumen					27.47	106	250
50,000 lumen					31.86	157	400
Metal Halide Lamp Si					01.00	101	100
12,000 lumen					22.03	59	175
20,500 lumen					29.40	85	250
36,000 lumen					33.00	135	400
33,333 14					00.00	.00	
STANDARD FLOOD LI	GHTING CONSTE	RUCTION:					
Mercury-Vapor Lamp			ed):				
20,000 lumen					33.00	156	400
54,000 lumen					54.47	373	1000
Sodium-Vapor Lamp					•	0.0	
27,500 lumen					31.97	106	250
50,000 lumen					43.84	157	400
140,000 lumen					64.05	359	1000
Metal Halide Lamp Si							
12,000 lumen					22.62	59	175
20,500 lumen					30.26	85	250
36,000 lumen					44.63	135	400
110,000 lumen					65.21	338	1000
Additional Charge for in							
Regular wood pole, p	er month				\$ 1.81		
Transformer					1.81		
Guy and anchor, per					1.81		
Overhead conductor,					0.017		
Other (miscellaneous) per month				1.5% of	f the estimated i	nstalled
					C	ost thereof	
For installations requiring computed at 1.5% of the materials required for st	e estimated install	ed cost thereof pe	er month. Suc	h estimated installe			
·		-		,			
FUEL ADJUSTMENT CLAU The above charges will		amount provided	by the terms a	and provisions of th	e Fuel Adjustm	ent Clause, Rid	er FAC.
DETERMINATION OF ENER	RGY (kWh) FOR N	NON-METERED F	FIXTURES:				
The monthly energy (kV	Vh) for each type a	and size of lamp i	s listed above.				

DATE OF ISSUE ISSUED BY Kelly S. Walters, Vice President, Joplin, MO DATE EFFECTIVE _____

THE EMPIRE DISTRICT E	ELECTRIC COMF	PANY				
P.S.C. Mo. No.	5	Sec.	3	14 th	Revised Sheet No.	3
Canceling P.S.C. Mo. No.	5	Sec.	3	13 th	Revised Sheet No.	3
For ALL TERRITO	ORY					
			LIGHTING SE	RVICE		
		S	CHEDULE LS			
AVAILABILITY: This schedule is availa seasonal use.	able for electric so	ervice to sport	field lighting, ho	liday decorative	lighting or similar nighttime	e temporary or
MONTHLY RATE: For the first 1,000 kWh For all additional kWh u						
MINIMUM: The net monthly minim	um charge for any	month during w	hich electrical er	nergy is used will	be \$41.80.	
FUEL ADJUSTMENT CLAU The above charges will		amount provide	d by the terms a	nd provisions of	the Fuel Adjustment Clause,	Rider FAC.
circumstances would no clock in place of primar the sport field by using installation and at such Unmetered dusk to day consumed. INSTALLATION CHARGE: In addition to the above	ormally make it ne ry metering facilitie the customer's con a subsequent time wn service may be e charges, a custo	cessary to mete es to measure the nnected load. The es as the Compa e provided, in we mer of temporal	r the service at page to the connected loany may deem rehich case the connected to the case the connected to the case the connected to the case tha	rimary voltage, the service and conditions and used for the conecessary by act onnected load was required to pay	ble at the service location. Very the Company may at its option compute the kilowatt-hours' of calculation will be, determined that load check of the custor will be used to determine the custon the net cost of erection and any's total expenditure for land	n install a time consumption of d at the time of mer's facilities. kilowatt-hours
	er costs necessary	to erect and rer	move facilities fo		oper credit for actual salvage	
GROSS RECEIPTS, OCCU There will be added to franchise, gross or ot governmental authority payment, a percentage Customer. When such Customer's bill shall b service provided by th jurisdiction. The amor customers within the g per customer shall be of the flat sum may be c amount shall be modifi	PATION OR FRAI the Customer's bil her similar fee of whether imposed of gross receipts, a tax or fee is imposed to determined by a is tariff within the unts shall be con- eographic jurisdict divided by 12 and a hanged by the go- ded prospectively be- ecting the amount	NCHISE TAXES II, as a separate r tax now or h d by ordinance, net receipts, or osed on the Cor relating the ann jurisdiction of verted to a fixe- tion of the gover applied to each r vernmental bod by the Company of the flat sum(s	item, an amount rereafter impose franchise, or of revenues from mpany as a flat ual total of such the government d amount per commental body, we monthly bill as a y, in which case of anytime it appears	ed upon the Co herwise, in whice the sale of electresum or sums, the sum (s) to the al body and the ustomer, so tha will equal the am separate line itel this process shears, on an annuive percent (5%)	oportionate part of any licens mpany by any municipality h the fee or tax is based upic service rendered by the Ce proportionate amount appl Company's total annual revenumber of customers locate the amount, when accumulate accumulation of the flat sum(s). The m. The amount shall remain hall be adjusted to the new hall basis, that the Company on an annual basis. Bills with the company on an annual basis.	or any other on a flat sum ompany to the licable to each enue from the ted within that ulated from all e fixed amount the same until flat sum. The is either over-

THE EMPIRE DISTRICT E	LECTRIC COM	PANY								
P.S.C. Mo. No.	5	Sec.	3	14 th	Revised Sheet No.	4				
Canceling P.S.C. Mo. No.	5	Sec.	3	13 th	Revised Sheet No.	4				
For ALL TERRITO	RY									
MISCELLANEOUS SERVICE										
		30	CHEDULE MS							
AVAILABILITY: This schedule is available f	or electric servic	ce to signal syste	ms or similar ເ	unmetered serv	ice and to temporary or sea	asonal use.				
MONTHLY RATE: Customer charge For all energy used, pe										
FUEL ADJUSTMENT CLA The above charges wi FAC.		an amount provi	ided by the ter	rms and provisi	ons of the Fuel Adjustment	t Clause, Rider				
CONSUMPTION: The connected load wi	ill be used to cal	culate the kilowa	tt-hours consu	med on unmete	ered service.					
of any special facilities	e charges, a cus s necessary to p	provide service.	Such net cos	t will include th	pay the net cost of erection to Company's total expend for service, less proper co	liture for labor,				
PAYMENT: Bills will be due on or b	pefore twenty-on	e (21) days after	the date there	eof.						
occupation, franchise, of other governmental autiflat sum payment, a per Company to the Custo amount applicable to e total annual revenue from customers located with amount, when accumulate amount of the flat sum separate line item. The case this process shall it appears, on an annual	o the Customer's gross or other single thority, whether is creentage of growner. When support that jurisdict ulated from all con(s). The fixed a mount shall read be adjusted to that the set (5%) on an an	s bill, as a sepa milar fee or tax n imposed by ordir ss receipts, net rich tax or fee is bill shall be detorovided by this taion. The amount per customers within amount per customer the same the new flat sum.	arate item, an ow or hereafted ance, franchisted imposed on the ermined by reariff within the owner shall be of the geograph stomer shall buntil the flat suffer over-collection.	er imposed upon se, or otherwise venues from the the Company a lating the annu jurisdiction of the converted to a nic jurisdiction of e divided by 1 um may be cha shall be modified ting or under-other shall or under-other ting or under-other shall or under-other ting or ting or under-other ting or ting or t	to the proportionate part on the Company by any mure, in which the fee or tax is a sale of electric service reas a flat sum or sums, the all total of such sum(s) to the governmental body and fixed amount per custome of the governmental body, 2 and applied to each monged by the governmental ed prospectively by the Corollecting the amount only in	bicipality or any based upon a cendered by the proportionate the Company's the number of er, so that the will equal the bothly bill as a body, in which mpany anytime of flat sum(s) by				
indirectly. 2. Voltage, phase, a	rnished for the sound frequency of soil be rendered need and the solution of t	service supplied nonthly. Where s ntinuance of serv	will be as apposervice is for to	roved by the Co emporary use,	the bill for the current mont	•				

THE EMPIRE DISTRICT ELECTRIC COMPA	ANY				
P.S.C. Mo. No5	Sec.	3	3 rd	Revised Sheet No.	6
Canceling P.S.C. Mo. No5	Sec.	3	2 nd	Revised Sheet No.	6
For ALL TERRITORY					

RESERVED FOR FUTURE USE

DATE OF ISSUE	DATE EFFECTIVE _	
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO		

THE EMPIRE DISTRICT ELE	CTRIC COMPAN	Υ				
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THE EMPIRE DISTRICT ELE	ECTRIC COMPAN	NY				
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THE EMPIRE DISTRICT ELEC	CTRIC COMPANY	,				
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Canceling P.S.C. Mo. No.	5	Sec	3	1 st	Revised Sheet No.	9
For <u>ALL TERRITORY</u>						
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		RESERVED FO	R FUTURE U	SE		

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THE EMPIRE DISTRIC	T ELECTRIC COMP	ANY							
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Canceling P.S.C. Mo. N	o	Sec.			Sheet No.				
For ALL TERRI	TORY								
FUEL ADJUSTMENT CLAUSE									
	SCHEDULE FAC								
For service in Accumulations Periods after [EFFECTIVE DATE OF TARIFFS]; and for service in									
that portion of Accumulation Period 5 on and after [EFFECTIVE DATE OF TARIFFS].									
The two six-month ac	cumulation periods	s, the two six	c-month recov	ery periods an	d filing dates will b	e as follows:			

ACCUMULATION	RECOVERY	ACCUMULATION	RECOVERY
PERIOD	PERIOD	PERIOD	PERIOD
SEPTEMBER	JUNE	MARCH	DECEMBER
OCTOBER	JULY	APRIL	JANUARY
NOVEMBER	AUGUST	MAY	FEBRUARY
DECEMBER	SEPTEMBER	JUNE	MARCH
JANUARY	OCTOBER	JULY	APRIL
FEBRUARY	NOVEMBER	AUGUST	MAY
	April 1 st		

Filing date:

The Company will make a Cost Adjustment Factor ("CAF") filing by each Filing Date. The new CAF rates for which the filing is made will be applicable starting with the recovery period that begins following the Filing Date. All CAF filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

DEFINITIONS

ACCUMULATION PERIOD:

The six calendar months during which the actual costs subject to this rider will be accumulated for purposes of determining the CAF.

RECOVERY PERIOD:

The billing months during which CAF is applied to retail customer billings on a per kilowatt-hour (kWh) basis.

COSTS:

Costs eligible for Fuel Adjustment Clause (FAC) will be the Company's total book costs as allocated to Missouri for fuel consumed in Company generating units, including the costs associated with the Company's fuel hedging program; purchased power energy charges, including applicable transmission fees; Southwest Power Pool variable costs, Air Quality Control System ("AQCS") consumables, such as anhydrous ammonia, limestone, and powder activated carbon, and emission allowance costs during the accumulation period. Eligible costs do not include the purchased power demand costs. These costs will be off-set by off-system sales revenue, any emission allowance revenues collected, and renewable energy credit revenues in the accumulation period.

BASE COST:

Company generated energy and purchased energy cost per kWh at the generator, established by season in the most recent base rate case. The base cost per kWh for the summer months of June through September is \$0.03182. For all other months the base cost per kWh is \$0.02857.

DATE OF ISSUE	DATE EFFECTIVE	
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO		

THE EMPIRE	E DISTRICT I	ELECTRIC COMPA	ANY							
P.S.C. Mo. N	lo.	5	Sec.	4	Original	Sheet No.	17e			
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For	ALL TERRITO	ORY								
For serv	vice in Acc	umulation Perio	S	DJUSTMENT CL CHEDULE FAC FFECTIVE D		RIFFS1: and for serv	rice in that			
	For service in Accumulation Periods after [EFFECTIVE DATE OF TARIFFS]; and for service in that portion of Accumulation Period 5 on and after [EFFECTIVE DATE OF TARIFFS]									
The ave FAC, a	JSTMENT Cerage price nd approved	per kWh of elec	Service Com	nmission. The	e price will ref	djusted subject to app lect 95 percent of the				
1.	Fuel and A	AQCS consumab	les consume	ed in Company	y electric gene	rating plants;				
2.	Purchase	d energy (excludi	ng demand)	;						
3.	Off-syster	m sales revenue;								
4.	Emission	allowance costs	and revenue	es; and						
5.	Renewab	le energy credit re	evenues.							
It will al	so include:									
6.	An adjusti	ment for the prior	recovery pe	eriod's over/un	der recovery c	f FAC Costs;.				
7.	deferred electric er	electric energy of	costs and wo	rill be accumu ed monthly.	lated during	rill be applied to the ave the accumulation peri eferred amount may b	od. Deferred			
The for	mula and co	mponents are dis	splayed belo	w.						
Where:		FAC =	{[(F + P + E	E – O - R - B) *	J] * 0.95} + C	+				
 F = Actual total cost of fuel - FERC Accounts 501 & 547, and AQCS consumables - FERC Account 506.2. P = Actual total net system input cost of purchased energy - FERC Account 555 (excluding purchase power demand charges). E = Actual total system net emission allowance cost and revenues - FERC Accounts 509 & 254.103. O = Actual total system off-system salesrevenue. 										
B = E	Base cost of	fuel and purchas	ed power er	nergy calculate	ed as follows:					
	1. For the mor 2. For all othe	nths of June throug r months	h September			SI kWh * \$0.03182) SI kWh * \$0.02857)				
DATE OF IS		ers, Vice President,	Joplin, MO	DATE I	EFFECTIVE _					

P.S.C. Mo. No	5	Sec	Α	25 th	Revised Sheet No.	1
Canceling P.S.C. Mo. No.	5	Sec	Α	24 th	Revised Sheet No.	1

For ALL TERRITORY

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THE EMPIRE DISTRICT EL	ECTRIC COMF	PANY				
P.S.C. Mo. No.	5	Sec.	2	14 th	Revised Sheet No.	1
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ForALL TERRITOR	RY					
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except those who are of transient or seasonal.	onveying electri Motels, hotels, in a transient or se	c service receive ns, resorts, etc., asonal basis are	ed to others w and others wl not excluded	hose utilization no provide trans from the use o	y whose electric load is not of same is for residential p ient rooms and/or board se f this rate. The Company r ic service.	ourposes other than rvice and/or provide
MONTHLY RATE: Customer Charge			Summer \$ 17.		Winter Season \$ 17.06	
The first 700-kWh, per k\ Additional kWh, per kWh	<i>N</i> h		0.	1153 1153	0.1153 0.0875	
The Summer Season will eight monthly billing period			eriods billed or	n and after June	16, and the Winter Season	will be the remaining
FUEL ADJUSTMENT CLAUS The above charges will b		amount provided	d by the terms	and provisions o	f the Fuel Adjustment Claus	e, Rider FAC.
PAYMENT: Bills will be due on or be	fore twenty-one (21) days after the	e date thereof.	If not paid, the	above rate plus 5% then app	olies.
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.						
 Service will be supper the meter will be at exception. Where the Custom installation of additions such Customer, the Living quarters incident 	and frequency of shed for the sole blied through a s the building wal er's use of well and or increased applicable provision dental to comma single meter a	use of the Custo ingle meter unles il unless otherwis ding, or other ed facilities (includisions of Rider XC ercial or industrand billed under	mer and will not so otherwise at see specifically a quipment charing distribution c will apply in a sial operations this or other a	of the resold, rediction in the same but pplicable comments.	istributed or submetered, dir Company. The point of del approved in advance by the ctuating or severe demand ervice conductors or seconda e provisions of this schedule uilding will only be served ercial industrial rates. Living	ivery and location of e Company for each ds, necessitates the aries) solely to serve together with these

THE EMPIRE DISTRICT EI	ECTRIC COMPA	ΔΝΥ				
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ForALL TERRITOR	RY					
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the Summer Season and permanently installs and re schedule is not available other than transient or se	d where the electregularly uses elect to those who are consistent. Motels, hogs on a transient or	ic service suppling space-heating onveying electric otels, inns, reso seasonal basis	lied is the only g equipment for a service received rts, etc., and oth are not excluded	source of ener all internal space to others whosers who provide I from the use of	e average load is not in excess gy at the service location at e-heating comfort requirement the utilization of same is for res the transient rooms and/or boat of this rate. The Company resvice.	nd the customer s. However, this idential purposes rd service and/or
MONTHLY RATE:			Summer S		Winter Season	
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The Summer Season will eight monthly billing perior			iods billed on ar	d after June 16	, and the Winter Season will	be the remaining
FUEL ADJUSTMENT CLAUSE	i:					
The above charges will be PAYMENT:	e adjusted in an amo	ount provided by	the terms and pr	ovisions of the F	Fuel Adjustment Clause, Rider	FAC.
	ore twenty-one (21)	days after the da	te thereof. If not	paid, the above	rate plus 5% then applies.	
franchise, gross or other authority, whether impose gross receipts, net receipt imposed on the Company the annual total of such s governmental body and t customer, so that the amount of the flat sum. The amount shall remain to the new flat sum. The	he Customer's bill, similar fee or tax and by ordinance, frames, or revenues from as a flat sum or susum(s) to the Compount, when accumun(s). The fixed amount shall be mor under-collecting the	as a separate now or hereaften now or hereaften nohise, or otherwalthe sale of electrons, the proportion of the sale of electrons, the proportion of the sale of electrons and count per custome at sum may be codified prospectione amount of the	r imposed upon vise, in which the tric service rende onate amount ap all revenue from ithin that jurisdic istomers within the r shall be divided changed by the go yely by the Compe flat sum(s) by	the Company before or tax is based by the Complicable to each the service protion. The among geographic juby 12 and applovernmental box any anytime it amore than five process.	proportionate part of any lice by any municipality or any oth ased upon a flat sum payment pany to the Customer. When Customer's bill shall be detervided by this tariff within the junts shall be converted to a surisdiction of the governmentatied to each monthly bill as a sidy, in which case this process appears, on an annual basis, to percent (5%) on an annual basis.	ner governmental, a percentage of such tax or fee is mined by relating furisdiction of the fixed amount per I body, will equal eparate line item. shall be adjusted that the Company
3. Service will be suppl meter will be at the b4. Where the Customer	hed for the sole use ied through a single uilding wall unless of suse of welding, or reased facilities (ir	e of the Custome e meter unless of otherwise specifion or other equipment occluding distribution	r and will not be in therwise authorized cally designated nt characterized tion transformers	esold, redistributed by the Com and approved in by fluctuating of s, service cond	ited or submetered, directly or pany. The point of delivery and advance by the Company for r severe demands, necessitate fluctors or secondaries) solel	nd location of the each exception. es the installation

THE EMPIRE DISTRICT EL	ECTRIC COM	IPANY				
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For <u>ALL TERRITOR</u>	XY					
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received to others whose resorts, etc., and others	utilization of s who provide tr sis are not exclu	same is purely for re ransient rooms and uded from the use	esidential purp d board servic of this rate. T ectric service.	ooses other that e or room ser	ept those who are conveying an transient or seasonal. Mote vice and/or provide service to eserves the right to determine Winter Season	els, hotels, inns, dwellings on a
CUSTOMER CHARGE DEMAND CHARGE:				er Season 7.94	\$ 57.94	
Per kW of Billing De FACILITIES CHARGE	mand			6.12	4.77	
per kW of Facilities [ENERGY CHARGE:	Demand			1.727	1.727	
First 150 hours use Next 200 hours use	of Metered Den	mand, per kWh		0.0922 0.0591	0.0553 0.0534	
All additional kWh, p	er kWh			0.0534	0.0534	
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 \$213.16. 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. 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						
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 OWNERSH Where the Customer sup primary line feeding to su	oplies all facilitie				on of service at the voltage of ilities Charge.	the Company's
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 the Facilities Charge.	ch service is rei	ndered, the minimu	ım monthly bil	will be the Cu	istomer Charge plus the Dema	and Charge plus
PAYMENT: The above rate applies o 5% then applies.	nly if the bill is	paid on or before fo	ourteen (14) d	ays after the d	ate thereof. If not so paid, the	above rate plus

P.S.C. Mo. No. Sec. 2 15" Revised Sheet No. 4	Canceling P.S.C. Mo. No5 Sec.	214 th	Revised Sheet No. 4	
FOOTH N	P.S.C. Mo. No	215 th	Revised Sheet No4	

AVAILABILITY:

THE EMPIRE DISTRICT ELECTRIC COMPANY

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:	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 214.27	\$ 214.27
DEMAND CHARGE:		
Per kW of Billing Demand	11.86	6.55
FACILITIES CHARGE		
per kW of Facilities Demand	1.426	1.426
ENERGY CHARGE:		
First 350 hours use of Metered Demand, per kWh	0.0580	0.0516
All additional kWh, per kWh	0.0314	0.0303

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.

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:

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

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 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 1000 kW, whichever is greater.

TRANSFORMER OWNERSHIP:

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.296 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 1.0198.

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 0.9742.

DATE OF ISSUE	DATE EFFECTIVE
ISSUED BY Kelly S. Walters, Vice President, Jonlin, MC	

THE EMPIRE DISTRICT EL	LECTRIC COMPA	ANY				
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For <u>ALL TERRITOR</u>	RY					
	FER	ED MILL AND			DE .	
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AVAILABILITY: This schedule is availab	ble for electric se	rvice to any cus	stom feed mil	l or grain eleva	ator.	
MONTHLY RATE: Customer Charge The first 700-kWh, per l Additional kWh, per kW	kWh		\$ 23 0	Season .93 .1558 .1558	Winter Season \$ 23.93 0.1558 0.1417	
PAYMENT: The above rate applies above rate plus 5% the		s paid on or b	efore twenty-	one (21) days	after the date thereof.	If not so paid, the
FUEL ADJUSTMENT CLAU The above charges will FAC.		an amount prov	ided by the to	erms and provi	isions of the Fuel Adjust	ment Clause, Rider
occupation, franchise, gany other governmenta upon a flat sum payme by the Company to the amount applicable to extotal annual revenue frocustomers located with amount, when accumu amount of the flat sum separate line item. The case this process shall it appears, on an annual	o the Customer's gross or other signs or other signs and authority, whether, a percentage Customer. When the service properties of the service properties of the service properties of the service of the	s bill, as a separation fee or tax ther imposed by of gross receipt n such tax or fee bill shall be detected by this ton. The amoustomers within amount per customers within amount per customers the same new flat sum Company is eit	arate item, and now or here y ordinance, ots, net receipte is imposed termined by retariff within the unts shall be a the geograps stomer shall until the flat. The amounther over-colling or the rover-colling of the shall the flat.	eafter imposed franchise, or cots, or revenue on the Comparelating the ance jurisdiction of converted to be divided by sum may be cotted to the cotted to th	al to the proportionate plupon the Company by otherwise, in which the es from the sale of electrary as a flat sum or sum nual total of such sum(soff the governmental body a fixed amount per customer of the governmental to the governmental the	any municipality or fee or tax is based ic service rendered s, the proportionate) to the Company's and the number of stomer, so that the body, will equal the h monthly bill as a ental body, in which e Company anytime of the flat sum(s) by
location of the met Company for each 3. Service will be furn indirectly.	e and frequency of poplied through a ster will be at the beacception. In a second of the solution of the solut	single meter ur building wall un le use of the C than one (1) ye inthly. ns, P.S.C. Mo.	nless otherwisuless otherwisustomer and ear. Intermitte	se authorized be specifically of will not be resent or seasonal	by the Company. The proved the signated and approved old, redistributed or sub service will not be provided the company.	d in advance by the metered, directly or

THE EMPIRE DISTRICT	ELECTRIC COMI	PANY				
P.S.C. Mo. No.	5	Sec.	2	14 th	Revised Sheet No.	7
Canceling P.S.C. Mo. No.	5	Sec.	2	13 th	Revised Sheet No.	7
For ALL TERRITO	ORY					
		TOTAL ELECT	TRIC BUILDIN CHEDULE TEE			
		30	JILDOLL TEL	·		
customers who are co or seasonal. Motels, h	nveying electric se notels, inns, etc., a nsient or seasonal	ervice to others w nd others who pr I basis are not e	hose utilization ovide transient excluded from	of the same is room and/or ro the use of this	mpany for total electric services for residential purposes other soom and board service and/or sorate. The Company reservices	r than transient provide service
MONTHLY RATE: CUSTOMER CHARGI	≣			er Season 7.94	Winter Season \$ 57.94	
DEMAND CHARGE: Per kW of Billing	Demand			2.86	2.34	
FACILITIES CHARGE per kW of Facilitie	es Demand		1	.727	1.727	
	se of Metered Dem			0.1075	0.0576	
	se of Metered Dem n, per kWh			0.0690 0.0624	0.0543 0.0537	
remaining eight month Charge will be \$213.16 FUEL ADJUSTMENT CLAI The above charges wi DETERMINATION OF BILL The monthly Metered month by a suitable of	ly billing periods of 3. USE: Il be adjusted in an LING DEMAND: Demand will be d	the calendar year amount provided etermined from t	ar. If an interva d by the terms a	I data recorder and provisions of	June 16, and the Winter Sea is required for billing purposes of the Fuel Adjustment Clause grated kilowatt demand regist by Metered Demand or 40 kV	s, the Customer r, Rider FAC. ered during the
demand recorded in e	s Demand will be each of the previo e used. The mont	determined by a us 11 months.	If there are les	s than 11 prev	month's metered demand ar rious months of data, all avai nand as determined by this co	lable data from
TRANSFORMER OWNER: Where the Customer s primary line feeding to	supplies all facilitie				n of service at the voltage of ities charge.	the Company's
	s for service meter				ered at the voltage of the prim by multiplying metered kilowat	
MINIMUM MONTHLY BILL During any month in w the Facilities Charge.		ndered, the minin	num monthly bi	ll will be the Cu	ustomer charge plus the dema	and charge plus
PAYMENT: The above rate applies 5% then applies.	s only if the bill is p	aid on or before	fourteen (14) da	ays after the da	te thereof. If not so paid, the	above rate plus

THE EMPIRE DISTRICT EL	ECTRIC COMP	PANY									
P.S.C. Mo. No.	5	Sec.	2	10 th	Revised Sheet No.	9					
Operation D.O.O.Ma. Na	-	0	0	oth	Decide and Object No.	0					
Canceling P.S.C. Mo. No.	5	Sec.	2	9 th	_ Revised Sheet No.	9					
For ALL TERRITOR	RY										
	··										
	SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR										
		SCI	HEDULE SC-P								
AVAILABILITY:											
	e for electric ser	vice to PRAXAIR	, INC. (Custome	·) as stated i	n the contract for power service	e between THE					
EMPIRE DISTRICT ELE											
MONTH V DATE:											
MONTHLY RATE:			Summer Se	ason	Winter Season						
CUSTOMER CHARGE					\$ 213.16						
ON-PEAK DEMAND CH											
Per kW of Billing De			20.71		14.07						
SUBSTATION FACILITIE			0.44	0	0.440						
Per kW of Facilities ENERGY CHARGE, per			0.41	6	0.416						
On-Peak Period			0.04	46	0.0316						
Shoulder Period											
Off-Peak Period			0.02	78	0.0262						
will be weekends from 1 p.m. during the Summer Day, Labor Day, Thanks? FUEL ADJUSTMENT CLAUS The above charges will be DETERMINATION OF DEMA An appropriate level of a This Customer Peak Dericalculated amount based and PRAXAIR. DETERMINATION OF BILLIN The monthly "On-Peak Day a suitable demand mm 6000 kW or Customer's amendments thereto. DETERMNATION OF MON The monthly "Substation registered by a suitable than the greater of 6000 contract or any future a METERING ADJUSTMENT: The above rates apply	2:00 p.m. through Season. All of giving Day, and of giving Day of giving Day of giving Day of giving the part of giving the	the 9:00 p.m. and ther hours are Of Christmas Day, as amount provided D, ID): me of the Companial be either PRAX involving PRAX e determined as the beak hours as stamers that have of ES DEMAND: mand" shall be dir during all hours are the companial hours are companial to the companial companial companial hours are companial to the companial co	weekdays from 9 ff-Peak. Holidays specified by the days specified by the days specified by the days system peak XAIR's actual manager of the highest that days are determined as best of the contracted interrulated and the contracted days. In no event contracted that he days are days and the contracted days are days as a second days are days are days as a second days are days as a	e:00 a.m. thres include Nee North Amer d provisions dk shall be draximum mean expected open are serviced in the high shall Substant ave contract.	uring the Winter Season. The ough 12:00 p.m. and 7:00 p.m. ew Year's Day, Memorial Day, rican Electric Reliability Council of the Fuel Adjustment Clause etermined for PRAXAIR under asured kW demand during a perations, and agreed upon between the Peak Demand be less that the Peak Demand be less that city as specified in the contract these fifteen (15) minute integrated interruptible capacity as see is metered at substation vote is metered at substation votes.	through 10:00 Independence I (NERC). Rider FAC. this Schedule. eak period, or a ween Company mand registered and the lesser of ct or any future grated demand licable be less specified in the oltage, metered					
MINIMUM MONTHLY BILL: The net minimum bill after	ter any interrupti	ible credits shall	be the Custome	r Charge plu	vatts and kilowatt-hours by 1.00 us any Substation Facilities Chaterruptible credit be greater th	narge times the					

DATE EFFECTIVE ____

THE EMPIRE DISTRICT EL	ECTRIC COM	IPANY				
P.S.C. Mo. No.	5	Sec.	2	9 th	Revised Sheet No.	13
Canceling P.S.C. Mo. No.	5	Sec.	2	8 th	_ Revised Sheet No.	13
For <u>ALL TERRITOR</u>	RY					
			RANSMISSION	SERVICE		
		S	CHEDULE ST			
EMPIRE DISTRICT EL substation voltage, and	ECTRIC COM	IPANY. The Co	mpany shall s	upply, sell ar	tho has signed a service cond deliver electric power at provisions of the contract.	
NET MONTHLY RATE:			Summer	Season	Winter Season	
CUSTOMER CHARGE			\$ 213.	16	\$ 213.16	
ON-PEAK DEMAND CI Per kW of Billing D SUBSTATION FACILIT	emand		20.	71	14.07	
Per kW of Facilitie ENERGY CHARGE, pe	s Demand		0.4	416	0.416	
Peak Period				0446	0.0316	
Shoulder Period Off-Peak Period				0359 0278	0.0262	
7:00 p.m. through 10:00 FUEL ADJUSTMENT CLAU The above charges will FAC.	ISE:				Peak. isions of the Fuel Adjustmer	it Clause, Ride
registered by a suitable	Demand" sha demand mete or Customer	all be determined or during the pea s MFD for Cust	k hours as sta	ted above. Iı	en (15) minute integrated k n no event shall Peak Dema d interruptible capacity as s	nd be less thar
integrated demand regi	on Facilities D stered by a su an the greater	emand" if applion itable demand mand of 6000 kW ar	neter during all nd Customer's	hours. In no	I as being the highest fifte bevent shall Substation Fac ustomers that have contract	ilitiy Demand, i
	for service met				e is metered at substation version and kilowatt-hours by 1.008	
MINIMUM MONTHLY BILL: Except as provided in Peak Demand Charge	the above-mer			Monthly Bill s	shall be the Customer Charç	ge plus the On-
DATE OF ISSUE			DATE	EFFECTIVE		

THE EMPIRE DISTRICT E	LECTRIC CO	MPANY									
P.S.C. Mo. No.	5	Sec.		3		15 th	_	Revised	Sheet No.	1	<u> </u>
Canceling P.S.C. Mo. No.	5	Sec.		3		14 th		Revised	Sheet No.	1	
Canceling 1 .C.C. W.C. 14C.		000.				1-7	_	revised	Officer 140.		<u> </u>
For <u>ALL TERRITO</u>	RY										
	MUNICIPAL STREET LIGHTING SERVICE										
				CHEDU							
AVAILABILITY: This schedule is avail term of not less than Company's standard M	ten (10) yea	ars, for outdoo	r lightir	ng for s	treets, a	alleys, p	arks a	nd publi	c places und	er the pro	
Company 3 Standard II	namoipai Lico	ino oci vioc 7 igi	i Comon	it, maving	y arr orig	giriai torri	01110	1033 1110	111 two (2) you	10.	
ANNUAL CEDEET LICUTI	NO CHARGE							Annual	Δ		\\/_#+
ANNUAL STREET LIGHTI Incandescent Lamp Si			nwed)					Charge er Lamp	Ann kW		Watts
4,000 lumen	`		,					56.68	1,0		
10,000 lumen								116.65	2,3		
Maraury Vapor Lamp	Sizoo:										
Mercury-Vapor Lamp : 7,000 lumen								76.99	7	84	175
11,000 lumen								92.40	, 1,1		250
20,000 lumen								132.30	1,8		400
53,000 lumen								223.20	4,4		1000
High Day come Oction		0: (4- \.								
High-Pressure Sodium 6,000 lumen		•						72.15	2	74	70
16,000 lumen								90.31		94	150
27,500 lumen								117.54	1,2		250
50,000 lumen								167.51	1,8		400
130,000 lumen								270.32	4,3		1000
,									,-		
Metal Halide Lamp Siz											
12,000 lumen								112.91		696	175
20,500 lumen								138.37	,	020	250
36,000 lumen								185.11		320 350	400
110,000 lumen			• • • • • • • • • • • • • • • • • • • •			•••••		409.04	4,0	056	1000
The monthly charge po	er lamp, is 1/1	2th of the annu	ual char	ge.							
FUEL ADJUSTMENT CLA The above charges wi		in an amount p	orovided	d by the	terms a	nd provis	sions o	f the Fue	el Adjustment	Clause, Ri	der FAC.
DETERMINATION OF ENI The monthly energy fo factor listed in the table	r each type a						the an	ınual kW	h listed abov	e, by the	monthly usage
lactor listed in the table	Delow.									12 month	
Month Jan F	eb Mar	Apr May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	total	
Lloogo											
Usage Factor .103 .08	.087	.075 .070	.064	.067	.073	.079	.091	.098	.104	1.00	
				·							

THE EMPIRE DISTRICT E	LECTRIC COMF	PANY					
P.S.C. Mo. No.	5	Sec.	3	19 th	Revised Sh	eet No.	2
Canceling P.S.C. Mo. No.	5	Sec.	3	18 th	Revised Sh	eet No	2
Cancoming 1 .C.C. Mc. 11c.		3 00.			11011000 011		_ _
5 ALL TERRITO	D) (
For ALL TERRITO	<u>RY</u>						
		PRIVA	TE LIGHTING				
			SCHEDULE	PL			
AVAILABILITY:							
This schedule is availab	le for outdoor ligh	ting service to an	y retail Custon	ner.			
	_	-	•				
MONTHLY RATE:					Per Lamp	Monthly <u>kWh</u>	Watts
STANDARD STREET L	IGHTING CONST	RUCTION:			<u>r or Lamp</u>		<u> </u>
Mercury-Vapor Lamp							
6,800 lumen					\$ 13.65	65	175
20,000 lumen						156	400
54,000 lumen					43.57	373	1000
Sodium-Vapor Lamp					40.04	0.4	70
6,000 lumen					12.61	31	70
16,000 lumen					18.35	58	150
27,500 lumen					26.52	106	250
50,000 lumen					30.76	157	400
Metal Halide Lamp Si					04.07	50	475
12,000 lumen					21.27	59	175
20,500 lumen					28.39	85 425	250
36,000 lumen					31.86	135	400
STANDARD FLOOD LI	GHTING CONSTR	RUCTION:					
Mercury-Vapor Lamp			ed):				
20,000 lumen					31.86	156	400
54,000 lumen					52.59	373	1000
Sodium-Vapor Lamp							
27,500 lumen					30.86	106	250
50,000 lumen					42.32	157	400
140,000 lumen					61.84	359	1000
Metal Halide Lamp Si							
12,000 lumen					21.84	59	175
20,500 lumen					29.22	85	250
36,000 lumen					43.09	135	400
110,000 lumen					62.96	338	1000
Additional Charge for in	stallations requirir	ng additions to, or	rearrangemer	t of, existing faciliti	ies:		
Regular wood pole, p	er month						
Transformer					1.75		
Guy and anchor, per					1.75		
Overhead conductor,					0.016		
Other (miscellaneous	s) per month					f the estimated	installed
					C	ost thereof	
For installations requiring	na a largo ovnondi	tura for additions	to or roorrong	amonta of aviating	facilities the to	stal additional a	nargo may bo
computed at 1.5% of the							
materials required for st					od ooot oxolddo		motanea cost of
materiale required for ea	andara conon don	on (ooo oonanon	10 01 001 1100, 1				
FUEL ADJUSTMENT CLAU	SF:						
The above charges will		amount provided	by the terms a	nd provisions of th	e Fuel Adjustm	ent Clause, Ric	ler FAC.
DETERMINATION OF THE	201/ (134/1) 505 :	IONI METERES					
DETERMINATION OF ENER	KGY (KWh) FOR N	NON-METERED F	-IXTURES:				
The monthly energy (kV	Vh) for each type a	and size of lamp i	s listed above.				
, 5, (,	r					

DATE OF ISSUE ISSUED BY Kelly S. Walters, Vice President, Joplin, MO DATE EFFECTIVE _____

THE EMPIRE DISTRICT E	ELECTRIC COM	PANY				
P.S.C. Mo. No.	5	Sec.	3	14 th	Revised Sheet No.	3
Canceling P.S.C. Mo. No.	5	Sec.	3	13 th	Revised Sheet No.	3
ForALL TERRITO	PRY					
			LIGHTING SE	RVICE		
		SC	CHEDULE LS			
AVAILABILITY: This schedule is availa seasonal use.	able for electric s	service to sport fi	ield lighting, ho	oliday decorative	e lighting or similar nighttim	e temporary or
MONTHLY RATE: For the first 1,000 kWh For all additional kWh u						
MINIMUM: The net monthly minimu	um charge for any	/ month during wh	nich electrical er	nergy is used wi	II be \$40.35.	
FUEL ADJUSTMENT CLAU The above charges will		n amount provided	I by the terms a	and provisions of	f the Fuel Adjustment Clause	, Rider FAC.
circumstances would no clock in place of primar the sport field by using installation and at such	ormally make it ne by metering facilition the customer's co n subsequent time	ecessary to meter es to measure the onnected load. Thes as the Compa	the service at perhaps the hours-use of the connected long may deem in	orimary voltage, the service and ad used for the necessary by ac	able at the service location. the Company may at its optic compute the kilowatt-hours' calculation will be, determine ctual load check of the custowill be used to determine the	on install a time consumption of ed at the time of omer's facilities.
special facilities neces	sary to provide	service. Such n	et cost will inc	lude the Comp	the net cost of erection and eany's total expenditure for roper credit for actual salvage	labor, material,
PAYMENT: Bills will be due on or be	efore twenty-one	(21) days after the	e date thereof.			
franchise, gross or ott governmental authority payment, a percentage Customer. When such Customer's bill shall be service provided by th jurisdiction. The amou customers within the giper customer shall be dithe flat sum may be clamount shall be modifi	the Customer's bither similar fee of whether impose of gross receipts at tax or fee is imple determined by its tariff within the unts shall be coneographic jurisdictivided by 12 and hanged by the gold prospectively ecting the amount	ill, as a separate or tax now or he do by ordinance, on the Comrelating the annue jurisdiction of the governmental body by the Company tof the flat sum(s)	item, an amour ereafter impose franchise, or of revenues from a flat ual total of such e government amount per commental body, who the case anytime it apper by more than the case of the case anytime it appersone than the case of the c	ed upon the C therwise, in whi the sale of elec- sum or sums, th sum(s) to the sal body and the sustomer, so the will equal the ar separate line ite e this process sears, on an ann five percent (5%	roportionate part of any licen ompany by any municipality ch the fee or tax is based utric service rendered by the Che proportionate amount app. Company's total annual revenumber of customers locate the amount, when accummount of the flat sum(s). The m. The amount shall remains thall be adjusted to the new that has is, that the Company of on an annual basis. Bills were summounded to the service of the servic	y or any other upon a flat sum company to the collection of the co

THE EMPIRE DISTRICT E	LECTRIC COM	PANY				
P.S.C. Mo. No.	5	Sec.	3	14 th	Revised Sheet No.	4
Canceling P.S.C. Mo. No.	5	Sec.	3	13 th	Revised Sheet No.	4
For ALL TERRITO	RY					
			ANEOUS SEI			
		50	CHEDULE MS			
AVAILABILITY: This schedule is available f	or electric servic	ce to signal syste	ms or similar ເ	unmetered serv	ice and to temporary or sea	asonal use.
MONTHLY RATE: Customer charge For all energy used, pe						
FUEL ADJUSTMENT CLA The above charges wi FAC.		an amount provi	ided by the ter	rms and provisi	ons of the Fuel Adjustmen	t Clause, Rider
CONSUMPTION: The connected load wi	ill be used to cal	culate the kilowa	tt-hours consu	med on unmete	ered service.	
of any special facilities	e charges, a cus s necessary to p	provide service.	Such net cos	t will include th	pay the net cost of erection ne Company's total expend for service, less proper c	liture for labor,
PAYMENT: Bills will be due on or b	pefore twenty-on	e (21) days after	the date there	eof.		
occupation, franchise, of other governmental autiflat sum payment, a per Company to the Custo amount applicable to etotal annual revenue from customers located with amount, when accumulate amount of the flat sum separate line item. The case this process shall it appears, on an annual	o the Customer's gross or other single thority, whether is creentage of growner. When support that jurisdict ulated from all con(s). The fixed a mount shall read be adjusted to that the set (5%) on an an	s bill, as a sepa milar fee or tax n imposed by ordir ss receipts, net rech tax or fee is bill shall be detorovided by this taion. The amount per customers within amount per customer the same the new flat sum.	arate item, an ow or hereafted ance, franchiste eceipts, or remined by remaiff within the shall be of the geograph stomer shall buntil the flat summer over-collected.	er imposed uponese, or otherwise venues from the the Company a lating the annujurisdiction of the converted to a lic jurisdiction of the divided by 1 am may be chashall be modified ting or under-coting or u	to the proportionate part on the Company by any mure, in which the fee or tax is a sale of electric service reas a flat sum or sums, the al total of such sum(s) to the governmental body and fixed amount per custome of the governmental body, and applied to each monged by the governmental ed prospectively by the Corportionate amount only in	nicipality or any based upon a endered by the proportionate the Company's the number of er, so that the will equal the onthly bill as a body, in which mpany anytime a flat sum(s) by
indirectly. 2. Voltage, phase, a	rnished for the sound frequency of soil be rendered need and the solution of t	service supplied nonthly. Where s ntinuance of serv	will be as apposervice is for to	roved by the Co emporary use,	the bill for the current mon	

THE EMPIRE DISTRICT ELECTRIC COMPANY									
P.S.C. Mo. No5	Sec.	3	3 rd	Revised Sheet No.	6				
Canceling P.S.C. Mo. No5	Sec.	3	2 nd	Revised Sheet No.	6				
For ALL TERRITORY									

RESERVED FOR FUTURE USE

DATE OF ISSUE	DATE EFFECTIVE _	
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO		

THE EMPIRE DISTRICT ELE	CTRIC COMPAN	Υ				
P.S.C. Mo. No	5	Sec	3	2 nd	Revised Sheet No.	7
Canceling P.S.C. Mo. No	5	Sec	3	1 st	Revised Sheet No.	7
For ALL TERRITORY	,					
			_			
		RESERVED	FOR FUTURE	USE		

THE EMPIRE DISTRICT ELE	ECTRIC COMPAN	NY				
P.S.C. Mo. No.	5	Sec.	3	2 nd	Revised Sheet No	8
Canceling P.S.C. Mo. No	5	Sec.	3	1 st	Revised Sheet No.	8
ForALL TERRITORY	Υ					
		RESERVED	FOR FUTURE	USE		

THE EMPIRE DISTRICT ELEC	CTRIC COMPANY	,				
P.S.C. Mo. No	5	Sec	3	2 nd	Revised Sheet No.	9
Canceling P.S.C. Mo. No.	5	Sec	3	1 st	Revised Sheet No.	9
For <u>ALL TERRITORY</u>						
				105		
		RESERVED FO	R FUTURE U	SE		

THE EMPIRE DISTRICT ELEC	CTRIC COMPAN	Y				
P.S.C. Mo. No.	5	Sec	4	7 th	Revised Sheet No.	7
Canceling P.S.C. Mo. No.	5	Sec	4	6 th	Revised Sheet No.	7
For ALL TERRITORY						
		RESERVED	FOR FUTURE	USE		

THE EMPIRE DISTRIC	FELECTRIC COM	/IPANY				
P.S.C. Mo. No.	5	Sec.	4	Original	Sheet No.	17d
Canceling P.S.C. Mo. No.	o	Sec.			Sheet No.	
ForALL TERRI	TORY					
			JUSTMENT C CHEDULE FAC			
For service in Acc	cumulations P	-			F TARIFFSI: an	d for service in
		-			VE DATE OF T	
that portion	or recumulati		m unu unc	LITECTI	TVE DITTE OF T	mar i oj.
The two six-month ac	cumulation perio	nds the two six	-month recov	erv neriods a	nd filing dates will h	e as follows:
THE TWO SIX-HIGHTER AC	cumulation penc	ous, the two six	-111011111116001	ery perious ai	id illing dates will b	e as ioliows.

ACCUMULATION PERIOD	RECOVERY PERIOD	ACCUMULATION PERIOD	RECOVERY PERIOD
SEPTEMBER OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY	JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER	MARCH APRIL MAY JUNE JULY AUGUST	DECEMBER JANUARY FEBRUARY MARCH APRIL MAY
	April 1 st		October 1 st

Filing date:

The Company will make a Cost Adjustment Factor ("CAF") filing by each Filing Date. The new CAF rates for which the filing is made will be applicable starting with the recovery period that begins following the Filing Date. All CAF filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

DEFINITIONS

ACCUMULATION PERIOD:

The six calendar months during which the actual costs subject to this rider will be accumulated for purposes of determining the CAF.

RECOVERY PERIOD:

The billing months during which CAF is applied to retail customer billings on a per kilowatt-hour (kWh) basis.

COSTS:

Costs eligible for Fuel Adjustment Clause (FAC) will be the Company's total book costs as allocated to Missouri for fuel consumed in Company generating units, including the costs associated with the Company's fuel hedging program; purchased power energy charges, including applicable transmission fees; Southwest Power Pool variable costs, Air Quality Control System ("AQCS") consumables, such as anhydrous ammonia, limestone, and powder activated carbon, and emission allowance costs during the accumulation period. Eligible costs do not include the purchased power demand costs. These costs will be off-set by off-system sales revenue, any emission allowance revenues collected, and renewable energy credit revenues in the accumulation period.

BASE COST:

Company generated energy and purchased energy cost per kWh at the generator, established by season in the most recent base rate case. The base cost per kWh for the summer months of June through September is \$0.03173. For all other months the base cost per kWh is \$0.02848.

DATE OF ISSUE	DATE EFFECTIVE	
ISSLIED BY Kelly S. Walters, Vice President, Ionlin, MO.	<u></u>	

THE EMPIRE	E DISTRICT I	ELECTRIC COMPA	ANY				
P.S.C. Mo. N	o.	5	Sec.	4	Original	Sheet No.	17e
Canceling P.	S.C. Mo. No.		Sec.			Sheet No.	
For	ALL TERRITO	DRY					
				DJUSTMENT C			
For Serv	vice in Acc	umulation Perio		CHEDULE FAC FFECTIVE I		ARIFFS]; and for serv	vice in that
	portion of	f Accumulation	Period 5 or	n and after [E	FFECTIVE 1	DATE OF TARIFFS]	
FAC, a	JSTMENT Cerage price	per kWh of elec	Service Con	nmission. The	e price will ref	djusted subject to app flect 95 percent of the	
1.	Fuel and	AQCS consumab	les consum	ed in Compan	y electric gene	erating plants;	
2.	Purchase	d energy (excludi	ng demand));			
3.	Off-syster	n sales revenue;					
4.	Emission	allowance costs	and revenue	es; and			
5.	Renewab	le energy credit r	evenues.				
It will al	so include:						
6.	An adjusti	ment for the prior	recovery pe	eriod's over/un	der recovery o	of FAC Costs;.	
7.	deferred electric er	electric energy of	costs and wo	vill be accumu ed monthly.	ulated during	rill be applied to the ave the accumulation perion deferred amount may b	od. Deferred
The for	mula and co	mponents are dis	splayed belo	oW.			
		FAC =	{[(F + P + E	E – O - R - B) *	* J] * 0.95} + C	: + I	
Where:							
P = A	Actual total r	net system input o				sumables – FERC Acco nt 555 (excluding purch	
$E = \dot{A}$	Actual total s	nd charges). system net emiss	ion allowand	ce cost and rev	venues - FERO	C Accounts 509 &	
	54.103. Actual total s	system off-systen	n salesreven	iue.			
B = E	Base cost of	fuel and purchas	ed power ei	nergy calculate	ed as follows:		
	. For the mo	nths of June throug r months	h September			SI kWh * \$0.03173) SI kWh * \$0.02848)	
DATE 05 101				DATE	EEEEOT"		
DATE OF ISS		ers, Vice President	Joplin, MO	DATE	EFFECTIVE _		

Appendix C

Pensions and OPEBS

In each of the Company's last three rate cases, Case Nos. ER-2004-0570, ER-2006-0315 and ER-2008-0093, the Commission approved stipulations and agreements that provide for Empire to have its pension and OPEB rate allowance set equal to its most current annual level of pension and OPEB expense, as calculated under current financial accounting standards. In this case, for the twelve months ended December 31, 2009, the annual level of Missouri jurisdictional electric ongoing pension and OPEB expense to be recovered in rates is \$5,093,719 and \$552,484 respectively. This includes the actuarially determined expense for 2009 of \$4,858,163 and \$1,203,641, for pension and OPEBs, respectively, and the five year amortization amounts of \$235,556 and (\$651,157) for pensions and OPEBs, respectively. The Missouri jurisdictional electric prepaid pension asset balance as of December 31, 2009 is \$50,417. Those stipulation and agreements also set up a tracker mechanism for Empire's pension and OPEB expense, in which any excess or deficiency of the Company's pension and OPEB rate allowance, compared to its ongoing level of pension and OPEB expense, is treated as a regulatory asset or liability that is then included in Empire's rate base and amortized, as an addition or reduction to pension and OPEB expense, over a five-year period. In this case, Empire's Missouri jurisdictional electric regulatory asset/liability balance as of December 31, 2009, for pension and OPEBs is \$1,177,780 and (\$3,255,784), respectively, and the amortized amount is \$235,556 and (\$651,157) for pensions and OPEBs, respectively. To (i) ensure that additional funds required to avoid benefit restrictions under certain provisions of the Pension Protection Act of 2006 are properly reflected in rates, (ii) to clarify, for ratemaking purposes, the accounting treatment of any special events under ASC 715-30 and ASC 715-60, formerly FAS 87, FAS 88 and FAS 106, that would require the Company to recognize one-time charges (expense) or credits (income), and (iii) to ensure that any of these one-time charges or credits is properly reflected in rates, the Parties hereby agree to add to the previous stipulations and agreements related to pensions and OPEBs as set forth in the OPEB Agreement, the Pension Agreement, and the Pension and OPEB Special Events Agreement (collectively "Agreements"), which are attached hereto and incorporated herein by reference. Empire agrees that it will inform the Parties of the occurrence of any special events under current financial reporting standards that would trigger the accounting treatment set forth in the Agreements, as well as any contributions of additional amounts to its pension trust fund to avoid Pension Protection Act benefit restrictions. In addition, the Parties specifically reserve the right to challenge the prudency of future pension and OPEB expenses that Empire proposes to recover through the pension and OPEBs tracker mechanism.

OPEB Agreement

The intent of this agreement is to:

A. Have the amount collected in rates for OPEB cost be based on the actuarially determined cost under ASC 715-60, formerly FAS 106, using methodology similar to that used to determine ASC 715-30, formerly FAS 87, pension cost, as described below in item 2; and

- B. Have all prudent amounts expensed by the Company and contributed by the Company to the VEBA trust in accordance with the provisions of this agreement be recoverable in rates; and
- C. Clarify the recommendations as to future treatment of any charges that would otherwise be recorded to equity (e.g., decreases to other comprehensive income) as required by ASC 715-20, formerly FAS 158, or any other FASB codification, statement or procedure relative to the recognition of OPEB costs and /or liabilities and to bind the Parties to such future recommendations as may be required by the terms of this agreement.

To accomplish the goals evidenced by these recommendations, the provisions listed below are included in this agreement. The Parties acknowledge that this agreement creates certain rights and obligations with respect to future positions and recommendations of these Parties, if approved by the Commission herein, but does not bind the Commission in any subsequent proceeding.

- 1. The Company's actuarially determined OPEB cost is currently recognized in rates and for financial reporting purposes.
 - 2. OPEB cost will be calculated based on the following methodology:
 - a. A Market Related Value of assets will be used to determine costs,smoothing all asset gains and losses that occur on and after January 1,2006 over a five-year-period.
 - b. Unrecognized gains and losses will be amortized over a 10-year period without respect to the 10% Corridor described in ASC 715-60.

- 3. In the case that OPEB expense becomes negative, the Company is ordered to set up a regulatory liability to offset the negative expense. In future years, when OPEB expense becomes positive again, rates will remain zero until the regulatory liability that was created by negative expense is reduced to zero. The OPEB regulatory liability will be reduced by the amount of subsequent positive OPEB expense experienced by the Company. This regulatory liability is a non-cash item and should be excluded from rate base in the future years.
- 4. A regulatory asset or liability will be established on the Company's books to track the difference between the level of OPEB expense during the rate period and the level of OPEB expense built into rates for that period. If the OPEB expense during the period is more than the expense built into rates for the period, the Company will establish a regulatory asset. If the OPEB expense during the period is less than the expense built into rates for the period, the Company will establish a regulatory liability. If the OPEB expense becomes negative, a regulatory liability equal to the difference between the level of OPEB expense built into rates for that period and \$0 will be established. Since this is a cash item, the regulatory asset or liability will be included in rate base and amortized over five years at the next rate case.
- 5. The provisions of ASC 715-20, require certain adjustments to the prepaid pension or OPEB asset and/or OPEB liability with a corresponding adjustment to equity (i.e., decreases/increases to Other Comprehensive Income). The Company shall be allowed to set up a regulatory asset/liability to offset any adjustments that would otherwise be recorded to equity caused by applying the provision of ASC 715-20 or any other FASB statement or procedure that requires accounting adjustments to equity due to

the funded status or other attributes of the OPEB plan. The parties acknowledge that the adjustments described in this paragraph shall not increase or decrease rate base.

Pension Agreement

The intent of this settlement is to:

- A. Have the amount collected in rates be based on the ASC 715-30 using the methodology described below in item 2; and
- B. Have, once any prepaid pension asset has been collected in rates by the Company, all pension cost collected in rates be contributed to the pension trust; and
- C. Have any "prior prepaid pension asset" and all prudent amounts contributed by the Company to the pension trust per items 3 and 5 below recoverable in rates; and
- D. Have the Company receive no more or less than the amount in B before the Company is required to fund the plan; and
- E. Have additional funding required to ensure compliance with minimum funding requirements or to reduce or avoid Pension Benefit Guaranty Corporation (PBGC) variable premiums under certain provisions of the Pension Protection Act (PPA) of 2006 be properly reflected in rates.

To accomplish these goals, the below items are agreed upon as part of this settlement. The Parties acknowledge that this agreement creates certain rights and obligations with respect to future positions and recommendations of these Parties, if approved by the Commission herein, but does not bind the Commission in any subsequent proceeding.

- 1. The Company's pension cost will be recognized in rates consistent with the cost recognized for financial reporting purposes.
 - 2. Pension cost will be calculated based on the following methodology:
 - a. Market Related Value for asset determination, smoothing all asset gains and losses that occur on and after January 1, 2004 over a five-year period.
 - b. Unrecognized gains and losses will be amortized over a 10-year period without respect to the 10% Corridor described in ASC 715-30.
- 3. Any ASC 715-30, amount (as calculated above) which exceeds the ERISA minimum required contribution will reduce the prior prepaid asset currently recognized in rate base. When the prior prepaid pension asset currently recognized in rate base is reduced to zero, any amount of pension cost (as calculated above) which exceeds the ERISA minimum required contribution must be funded.
- 4. In the case that pension expense becomes negative, the Company is ordered to set up a regulatory liability to offset the negative expense. In future years, when pension expense becomes positive again, rates will remain zero until the regulatory liability that was created by negative expense is reduced to zero. The pension regulatory liability will be reduced by the amount of subsequent positive pension expense experienced by the Company. This regulatory liability is a non-cash item and should be excluded from rate base in future years.
- 5. The Company will be allowed rate recovery for contributions made to the pension trust in excess of the actuarially determined cost for the following reasons: the minimum required contribution is greater than the pension expense level, and avoidance or reduction of PBGC variable premiums.

- a. Any additional contributions will increase the prepaid pension asset as described in item 3, so no special regulatory asset needs to be established and no special amortization treatment is necessary. Since additional contributions made per the above provision represent pre-funding of future pension expense amounts, the additional prepaid pension asset that results will receive regulatory treatment as described in item 3. That is, such amounts will increase the prepaid pension asset and will delay the requirement to fund future pension costs until such time that the entire prepaid pension asset has been reduced to zero.
- b. If Empire experiences a situation where a contribution equal to the actuarially determined cost is insufficient to comply with minimum funding requirements, or if Empire decides to make an additional contribution to avoid or reduce the variable premium that must be paid to the PBGC, Empire will be allowed to make an additional contribution to alleviate these issues. Additional contributions made pursuant to this Paragraph will increase Empire's rate base by increasing the prepaid pension asset and / or reducing the accrued liability, and will receive regulatory treatment since it is a cash item.
- 6. Due to the PPA, Empire may choose to make contributions in excess of ASC 715-30, level in order to avoid benefit restrictions under the PPA. Such contributions will be examined in the context of future rate cases and a determination will be made at that time as to the appropriate and proper level recognized for ratemaking as a net prepaid pension asset.

- 7. A regulatory asset or liability will be established on the Company's books to track the difference between the level of ASC 715-30 expense during the rate period and the level of pension expense built into rates for that period. If the ASC 715-30 expense during the period is more than the expense built into rates for the period, the Company will establish a regulatory asset. If the ASC 715-30 expense during the period is less than the expense built into rates for the period, the Company will establish a regulatory liability. If the pension expense becomes negative, a regulatory liability equal to the difference between the level of pension expense built into rates for that period and \$0 will be established. Since this is a cash item, the regulatory asset or liability will be included in rate base and amortized over five years at the next rate case.
- 8. The provisions of ASC 715-20 require certain adjustments to accrued pension liability with a corresponding adjustment to equity (i.e., decreases/increases to Other Comprehensive Income). The Company shall be allowed to set up a regulatory asset/liability to offset any adjustments that would otherwise be recorded to equity caused by applying the provision of ASC 715-20 or any other FASB statement or procedure that requires accounting adjustments to equity due to the funded status or other attributes of the pension plan. The parties acknowledge that the adjustments described in this paragraph shall not increase or decrease rate base.
- 9. In a situation where the Company funds excess amounts into the pension fund, the additional contribution will be used to fund Empire and Empire District Gas (EDG) to the same funded percentage, where funded percentage is defined as the ASC 715-30 Fair Value of Assets divided by the ASC 715-30 Accumulated Benefit Obligation "ABO" as of the preceding measurement date. The Company will allocate the additional

contribution such that it increases the funded status of Empire and EDG to the same funded percentage.

Pension and OPEB Special Events Agreement

These provisions are intended to accomplish the following: To clarify, for ratemaking purposes, the accounting treatment of any special events under ASC 715-30, formerly Statement of Financial Accounting Standards No. 88 ("FAS 88"), and ASC 715-60, formerly FAS 106, that would require the Company to recognize one time charges (expense) or credits (income) and to ensure that any of these prudent one-time charges or credits be properly reflected in rates.

Treatment of special events for pension and OPEB

If the Company has a curtailment, settlement, or special termination benefits cost or credit due to requirements of applicable accounting rules according to ASC 715-30 and ASC 715-60, the following procedure will be used to address the cost reimbursement for pension and OPEB costs:

- a. If the special event triggers a net charge, then the Company will establish an offsetting regulatory asset. This regulatory asset will not be added to rate base (since it is not a cash item), and it will be amortized over five years beginning when new rates are implemented in the Company's next general electric rate increase or decrease proceeding before the Commission. The Company shall make additional contributions to the applicable pension or VEBA trust equal to the amount of the amortization.
- b. If the special event triggers a net credit, then the Company shall establish an offsetting regulatory liability. This regulatory liability will not be added to rate base (since it is not a cash item), and it will be amortized over five years beginning when new rates are implemented in the Company's next general

electric rate increase or decrease proceeding before the Commission. Generally, the Company will contribute to the applicable pension or VEBA trust an amount equivalent to its ASC 715-30 or ASC 715-60 costs for the year less the amortization amount, subject to the following condition:

i. If pension or OPEB cost becomes negative as a result of an ASC 715-30 or ASC 715-60 credit, the Parties agree the Company shall set up an offsetting regulatory liability equal to the difference between \$0 and the negative cost. If pension or OPEB cost was negative before the ASC 715-30 or ASC 715-60 credit, the Parties agree the Company shall set up an offsetting regulatory liability equal to the full amount of the ASC 715-30 or ASC 715-60 credit. This regulatory liability is a non-cash item which will not require rate base treatment. When pension or OPEB costs become positive again, the regulatory liability will be amortized, beginning at the time new rates are implemented in Empire's next general electric rate increase or decrease proceeding before the Commission, over five years, or longer, if necessary to avoid the net of the ASC 715-30 or ASC 715-60 cost and the offsetting regulatory liability amortization yielding a result which is less than \$0 in any year.

THE EMPIRE	DISTRICT ELECTRIC	COMPANY								
P.S.C. Mo. No.	o. <u>5</u>	_ Sec	4	7th	Revised Sheet No.	17				
Canceling P.S	S.C. Mo. No5	_ Sec	4	6th	Revised Sheet No.	17				
For A	LL TERRITORY	_								
			JSTMENT C							
For service	in Accumulation Period			RIFFS]; and for	service in that portion of a	Accumulation				
The two six-		<u> </u>		• •	d filing dates will be as	follows:				
	ACCUMULATIO PERIOD	<u>N RECOVERY</u> PERIOD		JMULATION PERIOD	RECOVERY PERIOD					
	FLITIOD	FERIOD	<u>'</u>	LINOD	FERIOD					
	SEPTEMBER			MARCH	DECEMBER					
	OCTOBER NOVEMBER	JULY AUGUST		APRIL MAY	JANUARY FEBRUARY					
	DECEMBER	SEPTEMBER	2	JUNE	MARCH					
	JANUARY	OCTOBER		JULY	APRIL					
	FEBRUARY	NOVEMBER	F	AUGUST	MAY					
Filing date:		April 1 st			October 1 st					
DEFINITION	<u>IS</u>									
The six	ATION PERIOD: calendar months dur ning the Cost Adjustm		costs subje	ct to this rider	will be accumulated for	or purposes of				
		hich Cost Adjustment	Factor (C	AF) is applied	I to retail customer bill	ings on a per				
					ıl book costs as allocat					
program variable	r; purchased power costs, and emission	energy charges, incl allowance costs during	uding appl	icable transm umulation Peri	ated with the Company' ission fees; Southwes od. Eligible costs do r em sales margin and	t Power Pool ot include the				
allowand	ce revenues collected	d in the Accumulation	Period.		_	•				
BASE COST		and purchased energy	y cost per l	«Wh at the ge	nerator, established by	season in the				
most re	cent base rate case.		kWh for th	ne summer m	onths of June through					
DATE OF ISS			DATE	EFFECTIVE _						
ISSUED BY F	Kelly S. Walters, Vice Pr	resident, Joplin, MO								

Appendix D

THE EMPIR	RE DISTRICT EL	ECTRIC COMPA	NY				
P.S.C. Mo.	No	5	Sec.	4	7th	RevisedSheet No.	17a
Canceling F	P.S.C. Mo. No	5	Sec.	4	6th	RevisedSheet No.	17a
For	ALL TERRITOR	Y					
For service	ce in Accumulatio		SC EFFECTIVE			service in that portion of <i>I</i>	Accumulation
The av	USTMENT CLA verage price peand approved l	er kWh of elect	Service Comr	mission. Th	e price will ref	djusted subject to appl lect 95 percent of the	
1.	fuel consume	d in Company	electric gener	rating plants,			
2.	purchased er	nergy (excluding	g demand),				
3.	off-system sa	les margin,					
4.	net of emission	on allowance co	sts and reve	nues.			
It will a	ilso include:						
5.	an adjustmen	t for the prior re	ecovery perio	d sales varia	ation.		
6.	monthly defe Deferred elec	erred electric e	energy costs est shall be	and will b determined	e accumulate	st rate will be applied to d during the accumul monthly deferred am	lation period.
The fo	rmula and com	ponents are dis	played belov	v.			
Whore:		FAC	= {[(F + P +	E - O - B) * .	J] * 0.95} + C +	I	
Where:	A -t t-t- t		ant of final F	TDC Assess	-t- E04 9 E47		
		t system input o					
	Actual total net power demand		ost of purcha	asea energy	- FERC Accou	nt 555 (excluding purch	ase
	Actual total sys 254.103	stem net emissi	on allowance	e cost and re	venues - FERC	Accounts 509 &	
O =	Actual total sys	stem off-system	sales margii	n			
B =	Base cost of fu	el and purchas	ed power en	ergy calculat	ed as follows:		
	1. For the month 2. For all other n	ns of June through nonths	n September			SI kWh * \$0.03001) SI kWh * \$0.02744)	

THE EMPIRE DISTRICT E	ELECTRIC COM	PANY				
P.S.C. Mo. No.	5	Sec.	4	7th	Revised Sheet No.	<u>17b</u>
Canceling P.S.C. Mo. No.	5	Sec.	4	6th	Revised Sheet No.	17b
For ALL TERRITO)RY					
For service in Accumula		SC		; ،RIFFS]; and for	service in that portion of A	ccumulation
J = Missouri ene	rgy ratio calcula	ated as follows	:			
	Misso	ouri Energy Rat				
\A(I) =	0 1 114/1 0			ystem kWh sa	les	
	System kWh Sa					
the deferred of	nder/Over recorenergy cost bala prudence revier	ancing accoun			period as included in modifications	
I = Interest						
system input (NSI) line losses that occi generator by 1.052	nt Factor ("CAF kWh, rounded t ur at primary an 0 and 1.0728, energy usage o	o the nearest of the	\$.00000. The ge and secor Any CAF au	e CAF shall be dary voltage t thorized by th	timated recovery period adjusted to reflect the copy multiplying the average Commission shall be ate of the CAF. The	lifferences ir je cost at the billed based
		C	$CAF = \frac{FAC}{S}$			
Where:			5			
S = Forecasted M	lissouri NSI kW	h for the Reco	very Period.	Missouri NSI I	«Wh is calculated as:	
N	Missouri NSI = F	Forecasted NS		ed Missouri Re ed Total Syster		
Where Forec	asted Total Sys	stem kWh Sale	s excludes o	ff-system sale	S	
revenue collected. by the Company.	In addition, the FAC cost and normal true-up	review shall de the FAC chargory of over/unde	etermine if th ges are subj er recovery o	e costs subject ect to adjustmonthering to a cost of the cost of t	FAC, and a comparison of to the FAC were prude nent if found to be impro occurs at the end of each B) month internvals.	ently incurred udent by the
DATE OF ISSUE						
DATE OF ISSUE ISSUED BY Kelly S. Walte	ers, Vice Presider	nt, Joplin, MO	DATE	EFFECTIVE _		

THE EMPIRE	DISTRICT ELECTRIC COMP.	ANY				
P.S.C. Mo. No.	o. <u>5</u>	Sec.	4	7th	Revised Sheet No.	17c
Canceling P.S	S.C. Mo. No5	Sec.	4	6th	Revised Sheet No.	17c
For A	LL TERRITORY					
For Service i	n Accumulations Periods prior Perio	S to [EFFECTI\	DJUSTMENT CHEDULE FA VE DATE OF T EFFECTIVE D	(C	service in that portions of	Accumulation
ACCUMULA	ATION PERIOD ENDING, F	eb-28-2010				
1.	Total energy cost (F + P +	E - O)			\$79,4	31,215
2.	Base energy cost (B)				\$75,5	40,365
3.	Missouri Energy Ratio (J)					0.8303
4.	Fuel Cost Recovery [(F + I	P + E - O) –	B] * J		\$3,1	39,134
5.	Adj for Over/Under recove Recovery period ending 11		C)		\$3	338,622
6.	Interest (I)					\$2,142
7.	Fuel Adjustment Clause (F	AC)			\$3,4	179,898
8.	Forecasted Missouri NSI for	or the Recov	very Period (S)	2,289,0	22,607
9.	Cost Adjustment Factor (C to bills beginning 06-01-20		pplied		\$0.00	152 / kWh
10.	CAF - Primary and above	(Line 9 x Pri	mary Expans	sion Factor)	\$0.00	160 / kWh
11.	CAF - Seconday (Line 9 x	Secondary E	Expansion Fa	actor)	\$0.00	163 / kWh
	Primary Expansion Factor Secondary Expansion Fac		3			
DATE OF ISS	SUE		DATI	E EFFECTIVE _		

THE EMPIRE DISTRICT ELECTRIC COMPAN	Y								
P.S.C. Mo. No5	Sec.	4	<u>Original</u>	Sheet No.	17d				
Canceling P.S.C. Mo. No.	Sec.			Sheet No.					
For ALL TERRITORY									
	FUEL A	DJUSTMENT C	CLAUSE						
	S	CHEDULE FAC							
For service in Accumulations Periods after [EFFECTIVE DATE OF TARIFFS]; and for service in									
that portion of Accumulation Period 5 on and after [EFFECTIVE DATE OF TARIFFS].									

The two six-month accumulation periods, the two six-month recovery periods and filing dates will be as follows:

<u>ACCUMULATION</u>	RECOVERY	ACCUMULATION	RECOVERY
<u>PERIOD</u>	<u>PERIOD</u>	<u>PERIOD</u>	<u>PERIOD</u>
SEPTEMBER	JUNE	MARCH	DECEMBER
OCTOBER	JULY	APRIL	JANUARY
NOVEMBER	AUGUST	MAY	FEBRUARY
DECEMBER	SEPTEMBER	JUNE	MARCH
JANUARY	OCTOBER	JULY	APRIL
FEBRUARY	NOVEMBER	AUGUST	MAY
	April 1 st		October 1 st

Filing date:

The Company will make a Cost Adjustment Factor ("CAF") filing by each Filing Date. The new CAF rates for which the filing is made will be applicable starting with the recovery period that begins following the Filing Date. All CAF filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

DEFINITIONS

ACCUMULATION PERIOD:

The six calendar months during which the actual costs subject to this rider will be accumulated for purposes of determining the CAF.

RECOVERY PERIOD:

The billing months during which CAF is applied to retail customer billings on a per kilowatt-hour (kWh) basis.

COSTS:

Costs eligible for Fuel Adjustment Clause (FAC) will be the Company's total book costs as allocated to Missouri for fuel consumed in Company generating units, including the costs associated with the Company's fuel hedging program; purchased power energy charges, including applicable transmission fees; Southwest Power Pool variable costs, Air Quality Control System ("AQCS") consumables, such as anhydrous ammonia, limestone, and powder activated carbon, and emission allowance costs during the accumulation period. Eligible costs do not include the purchased power demand costs. These costs will be off-set by off-system sales revenue, any emission allowance revenues collected, and renewable energy credit revenues in the accumulation period.

BASE COST:

Company generated energy and purchased energy cost per kWh at the generator, established by season in the most recent base rate case. The base cost per kWh for the summer months of June through September is \$0.---. For all other months the base cost per kWh is \$0.---.

DATE OF ISSUE	DATE EFFECTIVE	
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO		

THE EMPIRE	DISTRICT	ELECTRIC COMP.	ANY					
P.S.C. Mo. N	0.	5	Sec.	4	<u>Original</u>	Sheet No.	17e	
Canceling P.	S.C. Mo. No.		Sec.			Sheet No.		
For	ALL TERRITO	DRY						
				JUSTMENT C				
For serv			ods after [E		DATE OF TA	ARIFFS]; and fo	or service in that IFFS].	
APPLICATION	<u>ON</u>							
FUEL ADJU The ave FAC, a	JSTMENT C erage price nd approved	per kWh of elec	Service Com	nmission. Th	e price will ref		o application of the of the accumulation	
1.	Fuel and A	AQCS consumat	oles consume	ed in Compar	y electric gene	rating plants;		
2.	Purchased	d energy (exclud	ing demand)	;				
3.	Off-systen	n sales revenue;						
4.	4. Emission allowance costs and revenues; and							
5.	Renewabl	e energy credit r	evenues.					
It will als	so include:							
6.	An adjustr	ment for the prior	recovery pe	riod's over/ur	nder recovery o	f FAC Costs;.		
7.	deferred e electric er	electric energy	costs and w	ill be accum ed monthly.	ulated during	the accumulation	ne average monthly n period. Deferred may be negative or	
The form	mula and co	mponents are di	splayed belo	w.				
Where:		FAC =	= {[(F + P + E	E – O - R - B)	* J] * 0.95} + C	+		
	Actual total	cost of fuel - FEF	RC Accounts	501 & 547, a	nd AQCS cons	umables – FERC	Account 506.2.	
			cost of purch	ased energy	- FERC Accou	nt 555 (excluding	purchase	
E = A	ower demar Actual total s 54.103.	• ,	ion allowanc	e cost and re	venues - FERC	C Accounts 509 &		
O = A	ctual total syst	em off-system sales	revenue.					
B = B	sase cost of fue	el and purchased pov	ver energy calcu	lated as follows:				
	. For the month . For all other n	ns of June through Se nonths	eptember			I kWh * \$0) I kWh * \$0)		

P.S.C. Mo. No.	5	Sec.	4	Original	Sheet No.	17f
					21	
Canceling P.S.C. Mo. No.		Sec.			Sheet No.	
For ALL TERRITO	DRY					
			JUSTMENT C			
For service in Accu	mulations Per		CHEDULE FAC		ARIFEST and for a	service in that
		_			DATE OF TARIF	
R = Renewable ene J = Missouri energ						-
	Mis	ssouri energy r		<u>retailkWh sales</u> systemkWh sale		
Where Total	system kWh sale	s excludes off-s	system sales.			
	er/under recovery ergy cost balanci udence reviews.					
I = Interest.						
COST ADJUSTMENT FACTOR The CAF is the result nearest \$.00000. The and secondary voltage authorized by the Corn of the CAF. The form	of dividing the Face CAF shall be acge by multiplying mmission shall be	ljusted to reflect the average of billed based up	et the difference cost at the gen con customers	es in line losses nerator by 1.05	that occur at primary 02 and 1.0686, respe	and above voltage ectively. Any CAF
			CAF = <u>FAC</u> S			
Where:						
S = Forecasted Mis	souri NSI kWh fo	r the recovery p	eriod. Missou	ri NSI kWh is ca	lculated as:	
	Missouri NSI	= Forecasted N		<u>d Missouri retail</u> ed total system k		
Where Forecas	sted Total System	ı kWh Sales ex	cludes off-syste	em sales		
PRUDENCE REVIEW There shall be a periodence reviews shall be a periodence review shall be a period						revenue collected.
TRUE-UP OF FAC						
After completion of ea on the first Filing Date between the revenues adjustment. Any true provided for in item I a	e that occurs afte s billed in the reco e-up adjustments	r completion of very period to t	each recovery the costs author	period. The trorized for collect	ue-up adjustment sha on in the recovery per	all be the difference riod, i.e. the true-up
PATE 05:00:00			-			
DATE OF ISSUE	ers, Vice Presiden	t, Joplin, MO	DATE	EFFECTIVE _		

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. N	o. <u>5</u>	Sec.	4	Original	Sheet No.	17g
Canceling P.S	S.C. Mo. No	Sec.			Sheet No.	
For	ALL TERRITORY	_				
			JUSTMENT HEDULE FA			
For serv		on Periods after [EF] nulation Period 5 on	FECTIVE	DATE OF TA		
ACCUMULA	ATION PERIOD END	NG, (Month, Day, Ye	<u>ear)</u>			
1.	Total energy cost [(F + P + E – O - R) –	B] * J * 0.9	5		\$XX,XXX,XXX
2.	Base energy cost (В)				\$XX,XXX,XXX
3.	Missouri energy ra	tio (J)				X.XXXX
4.	Fuel cost recovery	[(F + P + E – O - R) –	- B] * J * 0.9	95		\$XXX,XXX
5.	Adj for over/under recovery period end	recovery for the ding 00-00-0000 (C)				\$X
6.	Interest (I)					\$XX,XXX
7.	Fuel Adjustment Cl	ause (FAC)				\$XXX,XXX
8.	Forecasted Missou	ri NSI for the recover	y period (S)		X,XXX,XXX,XXX
9.	Cost Adjustment Fa	actor (CAF) to be app 0-00-0000	olied			\$(X.XXXXX) / kWh
10.	CAF - Primary and	above (Line 9 x Prim	ary Expans	ion Factor)		\$(X.XXXXX) / kWh
11.	CAF - Secondary (Line 9 x Secondary E	xpansion F	actor)		\$(X.XXXXX) / kWh
	Primary Expansion Secondary Expans	Factor = 1.0502 ion Factor = 1.0686				
DATE OF ISS	SUE Kelly S. Walters, Vice P	President, Joplin, MO	_ DATE	E EFFECTIVE _		

ER-2010-0130

Appendix E to Non-unanimous Stipulation and Agreement

APPENDIX E IS HIGHLY CONFIDENTIAL IN ITS ENTIRETY.

	RG	СВ	SH	PFM	MS	LS	GP	TEB	LP	SC-P/ST
Customer Charge										
Billing Units	1,509,033	210,382	37,424	84	12	330	20,072	10,846	456	
IDR Billing Units							176.00	68.00		12.00
Energy Charge										
Billing Units										
Summer										
First Tier	590,510,057	116,563,825	33,484,520	160,634	675,570	489,981	134,601,625	64,781,687	167,030,812	4,003,554
Second Tier						358,945	135,073,991	61,485,613	85,209,837	6,314,990
Third Tier							57,362,248	16,258,637		11,898,288
Winter										
First Tier	517,281,829	60,372,570	13,805,378	35,240			235,570,533	135,028,717	285,577,390	19,363,348
Second Tier	612,298,023	138,949,745	51,255,537	278,600			222,057,913	103,003,334	126,986,779	24,075,607
Third Tier							76,346,353	19,322,355		
Demand Charge										
Billing Units										
Summer							932,459.8	423,859.1	486,807.0	30,964.8
Winter							1,687,027.6	904,292.4	844,160.0	60,096.1
Facilities Demand										
Billing Units										
Standard							3,185,893	1,821,778	1,440,796	99,545
Transformer Adj							368,828	20,489	93,631	