# 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 Rates	)	Cose No. EB 2002 424
for Electric Service Provided to	)	Case No. ER-2002-424
Customers in the Missouri Service Area of	)	
the Company	)	

# **UNANIMOUS STIPULATION AND AGREEMENT**

COME NOW The Empire District Electric Company ("Empire" or "Company"), the Staff of the Missouri Public Service Commission ("Staff"), Praxair, Inc. ("Praxair"), and the Office of the Public Counsel ("OPC"), hereinafter to be known collectively as "the Parties," and for their Unanimous Stipulation And Agreement ("Agreement"), respectfully state as follows:

- 1. On March 8, 2002, Empire filed with the Missouri Public Service Commission ("Commission") proposed tariff sheets bearing an effective date of May 15, 2002. The tariff sheets were designed to increase permanent rates for electric service provided to retail customers in Empire's Missouri service area in order to produce an annual increase of approximately \$19,779,916 (8.51%) in the Company's gross annual electric revenues, exclusive of applicable fees and taxes.
- 2. On March 12, 2002, Praxair filed an application to intervene in this case. The Commission granted Praxair's request on March 15, 2002. To date, no other requests for full intervention status have been granted.
- 3. On March 22, 2002, the Parties filed their proposed procedural schedule. On April 2, 2002, the Commission issued its Suspension Order And Notice, directing the suspension

of the Company's proposed tariff sheets until March 12, 2003, and adopting the Parties' proposed procedural schedule.

4. Following extensive negotiations, the Parties have reached the following stipulations and agreements:

## Revenue Requirement

5. The Parties agree that Empire's permanent rates shall be increased to allow the Company to recover an additional \$11,000,000 in gross annual electric revenues, exclusive of applicable fees and taxes, said rates to be effective for service rendered on and after December 1, 2002. The Parties believe that a December 1, 2002 effective date is reasonably achievable and recognize that from Empire's standpoint said effective date was a key inducement to enter into this Agreement. Consequently, the Parties will endeavor to assist the Commission in achieving an effective date for the subject rate increase of December 1, 2002. In the event the Commission does not deem the December 1, 2002 effective date to be practicable, the Parties urge the Commission to permit the agreed-to rate increase to take effect as soon thereafter as possible. The Parties agree that the Commission, in its Order Approving the Agreement, should authorize Empire to file tariff sheets in conformance with the tariff sheets attached hereto for illustrative purposes as Exhibit A, said tariffs to have an effective date of December 1, 2002, less than thirty (30) days from the filing date, without the necessity of Empire filing a separate motion seeking such authorization.

## Interim Energy Charge

6. The Parties agree that the Interim Energy Charge ("IEC"), which was authorized by the Commission in Empire's previous general electric rate case (Case No. ER-2001-299) and subsequently modified in Case No. ER-2002-1074, shall terminate on 12:01 a.m. of the

Commission-ordered effective date of the new rates that are the subject of this Agreement. Empire agrees that all monies collected as a result of the IEC, up to and including the Commission-ordered effective date of the new rates, shall be refunded to the Company's customers, with interest in accordance with the agreements filed in said Case Nos. ER-2001-299 and ER-2002-1074. Because Empire will refund all amounts it has collected under the IEC (plus interest) to the customers paying such amounts, the true-up audit of Empire's fuel costs following the termination of the IEC as was specified both in the Unanimous Stipulation And Agreement Regarding Fuel And Purchased Power Expense And Class Cost of Service and Rate Design ("299 Stipulation"), filed in Case Nos. ER-2001-299 on June 4, 2001, and in the supporting Unanimous Stipulation And Agreement Regarding "Error" In Case No. ER-2001-299 And An Immediate Reduction Of The Interim Energy Charge ("1074 Stipulation"), filed in Case No. ER-2002-1074 on May 14, 2002, will be unnecessary. The amount of the refund, including interest, to be credited to each of Empire's customers will nevertheless be calculated in accordance with the procedures set forth in those agreements,<sup>2</sup> and Empire agrees to submit satisfactory and sufficient data to verify the calculation of the aggregate amount to be refunded. Empire agrees that the refunds shall be credited no later than March 15, 2003. The disposition of any residual amounts, resulting from an inability to locate former Empire customers, will be as specified in the 299 Stipulation.

# FAS 87 and Depreciation Issues

- 7. The Parties note the following:
- a) <u>Pension Cost</u>: Pension cost for this case has been determined based upon the Employee Retirement Income Security Act ("ERISA") minimum contribution. This

<sup>2</sup> See paragraph 10 of the 299 Stipulation and paragraphs 4 and 5 of the 1074 Stipulation.

<sup>&</sup>lt;sup>1</sup> The Company estimates that approximately \$18 million, plus interest, will be refunded to Empire's customers.

calculation reflects a Staff policy change from Financial Accounting Standard 87 ("FAS 87"), and is intended to reduce annual volatility in pension cost for ratemaking purposes, and to match the Company's actual cash funding requirements under ERISA. The Parties are also in agreement that the Prepaid Pension Asset resulting from the use of FAS 87 in determining pension cost for ratemaking purposes in prior cases, will be amortized over a seven-year period. The unamortized balance of \$12,925,650 as of the date of this Agreement will be included in rate base for ratemaking purposes during the seven-year amortization period.

b) <u>Cost of Removal/Salvage</u>: Consistent with existing Staff policy, the depreciation rates agreed to by the Parties do not include a provision for net salvage (cost of removal less salvage). Instead, net salvage has been included in the income statement in determining cost of service based upon the Company's actual historical experience.

# Rate Design

8. The Parties agree that the increase in the Company's revenue requirement shall be allocated to each rate schedule on an equal-percent-of-current-revenues basis. The charges within each non-residential rate schedule shall receive an equal percentage increase (subject to rounding) to produce the increase allocated to each rate schedule. The increase to the residential class shall reflect an adjustment to the summer-winter differential. The resulting charges for each rate schedule are shown on the attached Exhibit B. The Parties agree that the illustrative tariff sheets attached as Exhibit A incorporate the agreed-to rate design.

# Experimental Low-Income Program

9. The Parties agree that the Company will implement an Experimental Low-Income Program ("ELIP"), generally consistent with the program proposed by the Company. Program

details, including evaluation procedure and tariff sheet(s), shall be developed by a collaborative committee of the interested Parties and will be presented to the Commission for approval no later than April 1, 2003. Any disagreement over the program design among the interested parties shall be brought to the Commission for resolution as quickly as possible.

- 10. Ratepayer funding of the ELIP will be at the level proposed by Company; however, ratepayer funding will be matched dollar-for-dollar by Empire. Empire agrees not to seek recovery of its dollar-for-dollar match in any future ratemaking proceeding. The sum of the ratepayer funding and the Empire dollar-for-dollar match shall be considered "program funds." Inasmuch as ratepayer funding for this program is included in the agreed-to increase in Company's revenues and incorporated in the agreed-to rate design, there will be no surcharge applied to customer's bills. The benefits of continuing this experiment may be evaluated in Company's next rate or complaint case, but in any event, an evaluation of the first two years of this experiment shall be initiated no later than thirty months from the date that the tariff sheets implementing this program are approved by the Commission or otherwise allowed to become effective. The effectiveness of the ELIP shall be evaluated by an independent third party evaluator hired by the Company and mutually agreed to by the Parties, and any other interested party, at a cost not to exceed \$10,000 with said amount to be paid through program funds.
- 11. Empire agrees that the program developed by the collaborative may contain the following provisions:
  - a. the Company would assist ELIP participants in completing LIHEAP (Low Income Home Energy Assistance Program) applications so that participants have improved opportunities to receive further assistance in paying their Empire electric bills,

b. the Company would retain the services of an outside contractor experienced in the design and implementation of low-income rates and who is mutually agreed upon by Empire, Staff, and OPC, to assist the collaborative committee in developing program details at a cost not to exceed \$5,000 with said amount to be paid through program funds.

# Interest On Customer Deposits

12. The Parties agree that Empire shall file tariff sheets to change the interest rate the Company pays on customer deposits, effective January 1, 2003, to one percentage point above the prime rate published in the *Wall Street Journal* as being in effect on the last business day of December of the prior year, except as otherwise required by Commission rule.

## Outstanding Data Request

13. Empire agrees to provide to the Staff, within 10 days after the effective date of the Commission's order approving this Agreement, all analysts' documents requested in Staff Data Request No. 3808, including, but not limited to, all A.G. Edwards research reports from April 2000 through June 2001, or a written statement from A.G. Edwards that such documents do not exist or are not available. In the latter case, Empire will request a written explanation from A.G. Edwards as to why the documents do not exist or why they are not available, and will furnish A.G. Edwards's response to that request to the Parties.

# Moratorium

14. Each of the Parties agrees that before September 1, 2003, it will not file any tariff or pleading with the Commission, or encourage or assist in the filing of any tariff or pleading with the Commission, which tariff or pleading seeks a general increase or decrease in the retail electric rates of Empire, unless there is the occurrence of a significant, unusual event, such as an

act of God, a significant change in federal or state tax law, a significant change in federal or state utility law or regulation, or an extended outage or shutdown of a major generating unit(s) which has a major effect on Empire, in which case the Company may seek what is commonly referred to as "emergency" rate relief. Furthermore, by approving this Agreement, the Commission does not waive the right to determine whether Empire qualifies for "emergency" rate relief, and none of the Parties waive their right to contest whether Empire should receive such relief nor agree to any changes in the standards applicable to such determination.

## General

- 15. This Agreement has resulted from extensive discussions and negotiations among the Parties, and its terms are interdependent. In the event the Commission does not adopt this Agreement in total, the Agreement shall be null and void, and none of the Parties shall be bound by any of its provisions in this or any other proceeding.
- 16. This Agreement settles only this specific rate case involving a specific and unique set of facts at a specific point in time. By entering into this Agreement, other than as specifically provided herein, none of the Parties approves, accepts, agrees to, consents to or acquiesces in any accounting, ratemaking or procedural principle, or any method of cost determination or cost allocation underlying, or that is claimed to underlie, any of the issues settled. None of the Parties shall be prejudiced or bound in any manner by this Agreement in this or any other proceeding. (other than a proceeding to enforce the terms of this Agreement), except as stated herein.
- 17. Should the Commission request that the Parties present this Agreement for its consideration, nothing in this Agreement shall prevent any party from presenting testimony in support of this Agreement at such presentation, but no testimony given or statement made or presented by any Party at such presentation shall be considered to be part of the record in this

proceeding unless the Commission accepts and orders implementation of this Agreement in its entirety. The Parties agree to cooperate in presenting this Agreement to the Commission for approval, and will take no action, direct or indirect, in opposition to the request for approval of this Agreement.

- In the event the Commission accepts the specific terms of this Agreement without condition, the Parties agree that the prefiled direct, supplemental direct, rebuttal and surrebuttal testimony of all witnesses shall be received into evidence without the necessity of said witnesses taking the stand, and with respect to the issues resolved herein, further waive their respective rights: (1) to call, examine and cross-examine witnesses pursuant to Section 536.070(2) RSMo 2000; (2) to present oral argument or written briefs pursuant to Section 536.080.1, RSMo 2000; (3) to the reading of the transcript by the Commission pursuant to Section 536.080.2, RSMo 2000; (4) to seek rehearing pursuant to Section 386.510, RSMo 2000.
- 19. The Staff shall file suggestions in support of this Agreement, and the other parties shall have the right to file responsive suggestions or prepared testimony. Such suggestions, whether by Staff or any other Party, shall be the position and statements of that Party alone.
- 20. If requested by the Commission, the Staff shall have the right to submit to the Commission an additional memorandum addressing the matter requested by the Commission. Each party of record shall be served with a copy of any such memorandum and shall be entitled to submit to the Commission, within five (5) days of receipt of the Staff's memorandum, a responsive memorandum, which shall also be served on all other parties of record. The contents of any memorandum provided by any Party are its own and are not acquiesced in or otherwise

adopted by the other signatories to this Agreement, whether or not the Commission approves and adopts this Agreement.

21. At any agenda meeting at which this Agreement is noticed to be considered by the Commission, the Staff shall also have the right to provide whatever oral explanation of the Agreement 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 any protective order issued in this case.

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

# Respectfully submitted,

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# **Certificate of Service**

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or e-mailed to all counsel of record this 28th day of October 2002.

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	Sec	Δ	151	_ Revise	nd (2)	heet No.		1	
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Exhibit A

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TATE OF MISSOURI, PUBLIC SERVICE COMMISSION		P.S.C. Mo. No5
HE EMPIRE DISTRICT ELECTRIC COMPANY	Sec1	11th Revised Sheet No1
ALL TERRITORY		Cancelling P.S.C. Mo. No. 5
or ALL TERRITORY o supplement to this tariff will be issued except	Sec 1	10th Revised Sheet No1
or the purpose of cancelling this tariff.		Which was issued09-26-01
RESIDENT	IAL SERVICE	
	DULE RG	
VAILABILITY: This schedule is available for residential service to single-fami schedule is not available for service through a single mater to units.		
MONTHLY RATE:	Summer Season	Winter Sesson
Customer Charge The first 600-kWh, per kWh	\$ 8.75 0.0719	\$ 8.75 0.0719
Additional kWh, per kWh	0.0719	0.0452
The Summer Season will be the first four monthly billing per remaining eight monthly billing periods of the calendar year.	riods billed on and af	ter June 16, and the Winter Season will be t
RESIDENTIAL CONSERVATION ADJUSTMENT: The above energy charge will be adjusted in an amount prov Rider RCS, P.S.C. Mo. No. 5, Section 4, Sheet 7.	ided by the terms an	d provisions of Residential Conservation Service
Bills will be due on or before twenty-one (21) days after the charge of 1.5% 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, franchise, gross or other similar fee or tax now or hereal governmental authority, whether imposed by ordinance, francing payment, a percentage of gross receipts, not receipts, or reveintsomer. When such tax or fee is imposed on the Companicustomer's bill shall be determined by relating the annual to service provided by this tariff within the jurisdiction of the jurisdiction. The amounts shall be converted to a fixed amount customers within the geographic jurisdiction of the government per customer shall be divided by 12 and applied to each month the flat sum may be changed by the governmental body, in amount shall be modified prospectively by the Company any	, an amount equal to fiter imposed upon the chise, or otherwise, it mues from the sale of y as a flat sum or surel of such sum(s) to governmental body are with the customer, so that body, will equal the bill as a separate his which case this process.	the proportionate part of any license, occupation company by any municipality or any oth which the fee or tax is based upon a flat subsection service rendered by the Company to the most service rendered by the Company to the telectric service rendered by the Company to the company's total annual revenue from the telectric service of customers located within the that the amount, when accumulated from the amount of the flat sum(s). The fixed amount
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THE EMPIRE DISTRICT ELECTRIC COMPANY			
	Sec2_	10th_Revised Sheet No. 1	
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orALL_TERRITORY  to supplement to this tariff will be issued except	Son 3	Och Deviced Objects	
or the purpose of cancelling this teriff.	Sec. <u>2</u>	9th Revised Sheet No. 1 Which was issued 09-26-01	
	COMMERCIAL SERVICE SCHEDULE CB		
AVAILABILITY:			
This schedule is available to any general service	e customer on the lines of the C	ompany whose electric load is not in exce-	ss of 40
Kw, except those who are conveying electric sinns than transient or seasonal. Motels, hotels, inns provide service to dwellings on a transient or seright to determine the applicability or the availal	i, resorts, etc., and others who present the property is a sonal basis are not excluded from	provide transient rooms and/or board service om the use of this rate. The Company rese	e and/or
MONTHLY RATE:	Summer Season	Winter Season	
Customer Charge	\$ 12.32	\$ 12.32	
The first 700-kWh, per kWhAdditional kWh, per kWh		0.0838	
Additional Rays, per Raysti	0.0838	0.0570	
The Summer Season will be the first four mon remaining eight monthly billing periods of the ca	thly billing periods billed on and	after June 16, and the Winter Season will	ll be the
remaining eight montant phinid belone of the cs	nenda year.		
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PAYMENT: Bills will be due on or before twenty-one (21) d.	-	paid, the above rate plus 5% then applies.	
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STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Mo. No5
For ALL TERRITORY  No supplement to this tadiff will be issued except for the purpose of cancelling this tariff.	Sec.         2         10th         Revised         Sheet No.         2           Cancelling P.S.C. Mo. No.         5   Sec.           2         9th         Revised         Sheet No.         2           Which was issued         09-26-01
	ATING SERVICE EDULE SH

#### AVAILABILITY:

This schedule is available to any general service customer on the lines of the Company whose average load is not in excess of 40 Kw during the Summer Season and where the electric service supplied is the only source of energy at the service location and the customer permanently installs and regularly uses electric space-heating equipment for all internal space-heating comfort requirements. However, this schedule is not available to 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 rooms and/or board service and/or provide service to dwellings on a translent 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	\$ 12.32	\$ 12.32
The first 700-kWh, per kWh	0.0838	0.0838
Additional kWh, per kWh	0.0838	0.0436

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.

#### PAYMENT:

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

#### **GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

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

#### CONDITIONS OF SERVICE:

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

DATE OF ISSUE November 1, 2002	DATE EFFECTIVE	December 1, 2002
SSUED BY David W. Gibson, Vice President, Joplin, MO		

TATE OF MISSOURI, PUBLIC SERVICE COMMISSION		P.S.C. Mo. N	o. 5
•			· <u> </u>
HE EMPIRE DISTRICT ELECTRIC COMPANY	Sec. 2 1	Oth Revised Sheet N	n 2
		Cancelling P.S.C. Mo. N	
or ALL TERRITORY			<u> </u>
to supplement to this tariff will be issued except	Sec2	<u>9th</u> Revised Sheet N	o. <u>       3                             </u>
or the purpose of cancelling this tariff.		Which was issued	09-26-01
GENERAL POV	VER SERVICE	· · · · · · · · · · · · · · · · · · ·	
SCHEDI			
This schedule is available for electric service to any gener service received to others whose utilization of same is pure Motels, hotels, inns, resorts, etc., and others who provide service to dwellings on a transient or seasonal bear reserves the right to determine the applicability or the	rely for residential fe transient rooms sis are not exclude	purposes other than train and board service or ro d from the use of this ra	nsient or seasona om service and/o ite. The Compan
This schedule is available for electric service to any gener service received to others whose utilization of same is pure Motels, hotels, inns, resorts, etc., and others who provide service to dwellings on a transient or seasonal bar reserves the right to determine the applicability or the service.	rely for residential fe transient rooms sis are not exclude	purposes other than train and board service or ro d from the use of this ra	nsient or seasona om service and/o ite. The Compan
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This schedule is available for electric service to any gener service received to others whose utilization of same is pure Motels, hotels, inns, resorts, etc., and others who provide provide service to dwellings on a transient or seasonal bear reserves the right to determine the applicability or the service.  MONTHLY RATE:  CUSTOMER CHARGE	rely for residential de transient rooms sis are not exclude availability of this Summer Season	purposes other than trai and board service or ro d from the use of this ra rate to any specific ap Winter Season	nsient or seasona om service and/o ite. The Compan
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This schedule is available for electric service to any gener service received to others whose utilization of same is put Motels, hotels, inns, resorts, etc., and others who provide provide service to dwellings on a transient or seasonal bar reserves the right to determine the applicability or the service.  MONTHLY RATE:  CUSTOMER CHARGE  DEMAND CHARGE:  Per Kw of Billing Demand	rely for residential de transient rooms sis are not exclude availability of this  Summer Season \$ 44.73  6.09  0.0626 0.0395	purposes other than trainand board service or rod from the use of this rate to any specific appropriate appropriate to any specific appropriate ap	nsient or seasona om service and/o ite. The Compan
This schedule is available for electric service to any gener service received to others whose utilization of same is put Motels, hotels, inns, resorts, etc., and others who provide provide service to dwellings on a transient or seasonal bar reserves the right to determine the applicability or the service.  MONTHLY RATE:  CUSTOMER CHARGE  DEMAND CHARGE:  Per Kw of Billing Demand	rely for residential de transient rooms sis are not exclude availability of this  Summer Season \$ 44.73  6.09  0.0626 0.0395 0.0355	purposes other than trainand board service or rold from the use of this rate to any specific appropriate appropriate to any specific appropriate a	nsient or seasona iom service and/c ite. The Compan plicant for electri

#### TRANSFORMER OWNERSHIP:

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$.211 per Kw will apply to the Demand Charge.

### METERING ADJUSTMENT:

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, adjustment for billing will be made by decreasing metered kilowatt hours and kilowatts by 3%.

#### MINIMUM MONTHLY BILL:

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

#### PAYMENT:

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 2% then applies. Those with service in arrears shall be charged interest at the rate of 6% per annum from sixty (60) days after date due.

DATE OF ISSUE November 1, 2002	DATE EFFECTIVE	December 1, 2002	
SSUED BY David W. Gibson, Vice President, Joplin, MO			
		Attachment A	

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Ma. Na5
THE EMPIRE DISTRICT ELECTRIC COMPANY	Sec. 2 11th Revised Sheet No. 4  Cancelling P.S.C. Mo. No. 5
For <u>ALL TERRITORY</u> No supplement to this tariff will be issued except for the purpose of cancelling this tariff,	Sec. 2 10th Revised Sheet No. 4 Which was issued 09-26-01
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#### AVAILABILITY:

This schedule is available for electric service to any general service Customer except those who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient room and board service or room service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

MONTHLY RATE:	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 164.53	\$ 164.53
DEMAND CHARGE:		
Per Kw of Billing Demand	9.73	5.37
ENERGY CHARGE:		
First 350 hours use of Metered Demand, per kWh	0.0387	0.0341
All additional kWh, per kWh	0.0200	0.0192

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.

#### **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, 65% of the highest metered demand established during the year ending with the current month, or 1000 Kw, whichever is greater.

#### TRANSFORMER OWNERSHIP:

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.205 per Kw of billing demand will apply, otherwise, Rider XC will apply, unless Customer supplies their own secondary facilities.

#### METERING ADJUSTMENT:

The above rate applies for service metered at primary voltage. Where service is metered at secondary voltage, an adjustment will be made by increasing metered kilowatts and kilowatt-hours by dividing metered kilowatts and kilowatt-hours by 97%.

#### MINIMUM MONTHLY BILL:

The minimum bill for any month will be the Customer Charge plus the Demand Charge.

#### PAYMENT:

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 2% then applies. Those with service in arrears shall be charged interest at the rate of 6% per annum from sixty (60) days after date due.

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DATE OF ISSUE	November 1, 2002		DATE EFFECTIVE	<u>December 1, 2002</u>	
ISSUED BY David W	V. Gibson, Vice Presiden	t, Joplin, MO			

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STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Mo. No
THE EMPIRE DISTRICT ELECTRIC COMPANY	
	Sec. 2 10th Revised Sheet No. 5
For ALL TERRITORY	Cancelling P.S.C. Mo. No. 5
No supplement to this tariff will be issued except	Sec. 2 9th Revised Sheet No. 5
for the purpose of cancelling this teriff.	Which was issued 09-26-01
ELECTRIC FURNACE P	
SCHEDU	£ PF
AVAILABILITY: This schedule is available for service to electric furnaces on	an interruptible basis.
MONTHLY RATE:	
Per kilowatt-hour	\$ 0.0518
PAYMENT:	
The above rate applies only if the bill is paid on or before for	ourteen (14) days after the date thereof. If not so paid, the ears shall be charged interest at the rate of 6% per annum
license, occupation, franchise, gross or other similar fee or municipality or any other governmental authority, whether if fee or tax is based upon a flat sum payment, a percentage electric service rendered by the Company to the Customer. sum or sums, the proportionate amount applicable to each total of such sum(s) to the Company's total annual revipurisdiction of the governmental body and the number of cube converted to a fixed amount per customer, so that the geographic jurisdiction of the governmental body, will equipure customer shall be divided by 12 and applied to each month same until the flat sum may be changed by the government new flat sum. The amount shall be modified prospectivel that the Company is either over-collecting or under-collect (5%) on an annual basis. Bills will be increased in the profee is applicable.	r tax now or hereafter imposed upon the Company by any imposed by ordinance, franchise, or otherwise, in which the of gross receipts, net receipts, or revenues from the sale of When such tax or fee is imposed on the Company as a flat a Customer's bill shall be determined by relating the annual venue from the service provided by this tariff within the astomers located within that jurisdiction. The amounts shall amount, when accumulated from all customers within the ual the amount of the flat sum(s). The fixed amount per saly bill as a separate line item. The amount shall remain the tal body, in which case this process shall be adjusted to the y by the Company anytime it appears, on an annual basis, ing the amount of the flat sum(s) by more than five percent opportionate amount only in service areas where such tax or
·	acial service will be furnished each day during Company
specified hours.  2. Voltage and frequency of service will be as approved b	y the Company.
· · ·	e, and all facilities for necessary transformation to a lower
voltage will be supplied by the Customer.  4. Service will be furnished for the sole use of the Customer.	stomer and will not be resold, redistributed or submetered,
directly or indirectly.	
<ol> <li>Bills for service will be rendered monthly.</li> <li>The Company Rules and Regulations, P.S.C. Mo. No. 5</li> </ol>	Castian E are a part of this schoolule
6. The Company Rules and Regulations, P.S.C. Mo. No. 5	, section 5, are a part of this schedule.

DATE EFFECTIVE \_\_\_\_\_ December 1, 2002

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STATE OF MISSOURI, PUBLIC SERVICE COMMISSION		P.S.C. Ma. No	o. <u> </u>
THE EMPIRE DISTRICT ELECTRIC COMPANY	Sec2_	10th Revised Sheet No. No. No. No.	
or ALL TERRITORY		Cancelling 7.5.C. 1410, 14	v. <u> </u>
to supplement to this tariff will be issued except	Sec. 2	9th Revised Sheet No	o. <u>6</u>
or the purpose of cancelling this tariff.		Which was issued	09-26-01
FEED MILL AND GR		VICE	
SCHE	DULE PFM		
AVAILABILITY: This schedule is available for electric service to any cus	tom feed mill or grai	n elevator.	
MONTHLY RATE:	Summer Season	Winter Season	
Customer Charge	\$ 18,48	\$ 18.48	
The first 700-kWh, per kWh	0.1072	0.1072	
Additional kWh, per kWh	0.1072	0.0973	
PAYMENT:			
The above rate applies only if the bill is paid on or bef- the above rate plus 5% then applies.	ore twenty-one (21)	days after the date there	of. If not so paid
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# STATE OF MISSOURI, PUBLIC SERVICE COMMISSION P.S.C. Mo. No. 5 THE EMPIRE DISTRICT ELECTRIC COMPANY Sec. 2 10th Revised Sheet No. 7 Cancelling P.S.C. Mo. No. 5 For ALL TERRITORY No supplement to this tariff will be issued except Sec. 2 9th Revised Sheet No. 7 for the purpose of cancelling this tariff. TOTAL ELECTRIC BUILDING SERVICE SCHEDULE TEB

#### AVAILABILITY:

This schedule is available to any general services customers on the lines of the Company for total electric service except those customers who are conveying electric service to others whose utilization of the same is for residential purposes other than transient or seasonal. Motels, hotels, inns, etc., and others who provide transient room and/or room and board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

MONTHLY RATE:	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 44.73	\$ 44.73
DEMAND CHARGE:		
Per Kw of Billing Demand	3.81	3.13
ENERGY CHARGE:		
First 150 hours use of Metered Demand, per kWh	0.0734	0.0384
Next 200 hours use of Metered Demand, per kWh.	0.0464	0.0362
All additional kWh, per kWh	0.0418	0.0350

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 \$164.53.

#### DETERMINATION OF BILLING DEMAND:

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

#### TRANSFORMER OWNERSHIP:

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$.211 per Kw will apply to the demand charge.

#### METERING ADJUSTMENT:

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, adjustments for billing will be made by decreasing metered kilowatt-hours and kilowatts by 3%.

#### MINIMUM MONTHLY BILL:

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

#### **PAYMENT:**

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 2% then applies. Those with service in arrears shall be charged interest at the rate of 6% per annum from sixty (60) days after date due.

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DATE OF ISSUE	November 1, 2002	DATE EFFECTIVE	December 1, 2002	
ISSUED BY David W	<ol> <li>Gibson, Vice Presiden, Joplin.</li> </ol>	, MO		
			Attachment A	

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Mo. No5
THE EMPIRE DISTRICT ELECTRIC COMPANY	Sec. 2 8th Revised Sheet No. 9 Cancelling P.S.C. Mo. No. 5
For ALL TERRITORY  No supplement to this tariff will be issued except for the purpose of cancelling this tariff.	Sec. 2 5th Revised Sheet No. 9 Which was issued 09-28-01
SPECIAL TRANSMISSION SER SCHEDU	

#### AVAILABILITY:

This schedule is available for electric service to PRAXAIR, INC. {Customer} as stated in the contract for power service between THE EMPIRE DISTRICT ELECTRIC COMPANY (Company) and PRAXAIR, INC. ("the contract").

#### MONTHLY RATE:

	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 164.53	\$ 164.53
ON-PEAK DEMAND CHARGE, per Kw	14.71	9.99
SUBSTATION FACILITIES CHARGE, per Kw	0.30	0.30
ENERGY CHARGE, per kWh:		
On-Peak Period	0.0293	0.0202
Shoulder Period	0.0232	
Off-Peak Period	0.0175	0.0165

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).

#### DETERMINATION OF DEMANDS (On-Peak, Substation Facility):

The monthly "On-Peak Demand" shall be determined as being the highest fifteen (15) minute integrated kilowatt demand registered by a suitable demand meter during the peak hours as stated above; the Substation Facilities Demand shall be determined as being the highest fifteen (15) minute integrated demand registered by a suitable demand meter during all hours. In no event shall the interruptible credit be greater than the Demand Charges.

#### METERING ADJUSTMENT:

The above rates apply for service metered at transmission voltage. Where service is metered at the voltage of the distribution substation, an adjustment for billing will be made by increasing metered kilowatt and kilowatt-hours by .35%.

#### MINIMUM MONTHLY BILL:

The net minimum bill after any interruptible credits shall be the Customer Charge plus any Substation Facilities Charge times the CPD plus any Demand Charges applicable to the current MFD.

#### **SUBSTATION FACILITIES:**

The above Substation Facilities Charge does not apply if the stepdown substation and transformer are owned by the Customer.

#### DETERMINATION OF DEMANDS (CPD, MFD, ID):

An appropriate level of demand at the time of the Company's system peak shall be determined for PRAXAIR under this Schedule. This Customer Peak Demand ("CPD") shall be either PRAXAIR's actual maximum measured Kw demand during a peak period, or a calculated amount based upon conditions involving PRAXAIR's actual or expected operations, and agreed upon between Company and PRAXAIR.

DATE OF ISSUE	November 1, 2002	DATE EFFECTIVE _	December 1, 2002	
ISSUED BY David	W. Gibson, Vice President, Joplin, MO			

ATE OF MISSOURI, PUBLIC SERVICE COMMISSION		P.S.C. Mo. No.	5
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E FINITE DIGITIO COM ANT	Sec. 2	5th Revised Sheet No.	13
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DETERMINATION OF BILLING DEMAND:

The monthly "Peak Demand" shall be determined as being the highest fifteen (15) minute integrated kilowatt demand registered by a suitable demand meter during the peak hours as stated above; the "Substation Facilities Demand", if applicable, shall be determined as being the highest fifteen (15) minute integrated demand registered by a suitable demand meter during all hours. In no event shall Peak Demand be less than the lesser of 6000 Kw or Customer's MFD for Customers that have contracted interruptible capacity as specified in the contract or any future amendments thereto. In no event shall Substation Facility Demand, if applicable, be less that the greater of 6000 Kw and Customer's CPD for Customers that have contracted interruptible capacity as specified in the contract or any future amendments thereto.

#### METERING ADJUSTMENT:

The above rates apply for service metered at transmission voltage. If the delivery of electric power is at the substation voltage level, a .35% adjustment for metered kilowatts and kilowatt-hours will be made.

#### MINIMUM MONTHLY BILL:

Except as provided in the above-mentioned contract, the Minimum Monthly Bill shall be the Customer Charge plus the On-Peak Demand Charge plus any applicable substation facilities charge.

#### SUBSTATION FACILITIES

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

DATE OF ISSUE November 1, 2002	DATE EFFECTIVE	December 1, 2002
ISSUED BY David W. Gibson, Vice President, Joplin, MO		Attachment A Page 21 of 32 pages

STATE OF MIS	SOURI, P	UBLIC SI	ERVICE	COMMI	SSION					P.	S.C. N	10. No.		
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Usage	100	000	207	0.75	070	004	007	070	_	.70	001	000	404	1.00
Factor	.103	.089	.087	.075	.070	.064	.067	.073	.0	79 .	091	098	.104	1.00

DATE OF ISSUE November 1, 2002 DATE EFFECTIVE December 1, 2002
ISSUED BY David W. Gibson, Vice President, Joplin, MO

E EMPIRE DISTRICT ELECTRIC COMPANY			
	Sec. <u>3 15th</u> R		
	Cancell	ing P.S.C. Mo. No.	5
ALL TERRITORY			
supplement to this tariff will be issued except		evised Sheet No.	2
the purpose of cancelling this tariff.	Wh	ich was issued 🔃	<u> 09-26-01</u>
	GHTING SERVICE		
SCH	EDULE PL		
LANGA MARANANA			
/AILABILITY:			
This schedule is available for outdoor lighting service to any re	tail Customer,		
ONTHLY RATE:			Monthly
Seldinger 130 of Pr	1	Per Lamp	_ kWh
STANDARD STREET LIGHTING CONSTRUCTION:	•		
Mercury-Vapor Lamp Sizes (No new installations allowed):			
6,800 lumen		\$ 9.58	65
20,000 lumen		15,95	156
54,000 lumen		30.58	373
Sodium-Vapor Lamp Sizes:			
6,000 lumen	************************************	8.85	31
16,000 lumen		12.88	58
27,500 lumen		18.62	106
50,000 lumen		21.60	157
Metal Halide Lamp Sizes:			
12,000 lumen		14.93	59
20,500 lumen		19.92	85
36,000 lumen	*****************************	22.35	135
STANDARD FLOOD LIGHTING CONSTRUCTION:			
Mercury-Vapor Lamp Sizes (No new installations allowed):		** **	
20,000 lumen			156
54,000 lumen		36.91	373
Sodium-Vapor Lamp Sizes:		04.07	
27,500 lumen			106
50,000 lumen			157
140,000 lumen	***************************************	43.40	359
Metal Halide Lamp Sizes:		15 34	
12,000 lumen			59
36,000 lumen			85 135
110,000 lumen			135 338
1 10,000 101110111111111111111111111111	******************************	77.13	330
Additional Charge for installations requiring additions to, or re-	arrangement of existing fa	icilities:	
Regular wood pole, per month			
Guy and anchor, per month			
Overhead conductor, three wire, per foot, per month		.012	
Other (miscellaneous) per month		•	stimated installed
			thereof
		••••	
For installations requiring a large expenditure for additions to,	or rearrangements of exist	ting facilities, the to	tal additional charge may
computed at 1.5% of the estimated installed cost thereof per			
cost of materials required for standard construction (see Cond			
ETERMINATION OF ENERGY (kWh) FOR NON-METERED FIXTUR	ES:		
	listed above.		
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			
The monthly energy (kwh) for each type and size of lamp is			

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. Mo. No. \_\_\_\_\_5\_\_\_

·				
STATE OF MISSOURI, PUBLIC SERVICE COMMISSION			P.S.C. Mo. No.	5
THE EMPIRE DISTRICT ELECTRIC COMPANY		_		
	Sec.	3_	10th Revised Sheet No. Cancelling P.S.C. Mo. No.	<u>3</u>
ForALL TERRITORY			-	
No supplement to this tariff will be issued except for the purpose of cancelling this tariff.	Şec.	3_	9th Revised Sheet No	<u>3</u> 6-01
<u> </u>	TIMO OFFI			
SPECIAL LIGH	TING SERV	ICE		
		-	····	
AVAILABILITY: This schedule is available for electric service to sport field lisseasonal use.	ghting, holida	ay dec	orative lighting or similar nighttime te	mporary or
MONTHLY RATE:				
For the first 1,000 kWh used, per kWhFor all additional kWh used, per kWh				
MINIMUM:				
The net monthly minimum charge for any month during which	ch electrical o	energy	is used will be \$28.33.	
CONSUMPTION:  Service will normally be delivered and metered hereunder a physical circumstances would normally make it necessary option install a time clock in place of primary metering fa kilowatt-hours' consumption of the sport field by using the calculation will be, determined at the time of installation and by actual load check of the customer's facilities. Unmet connected load will be used to determine the kilowatt-hours	to meter the cilities to me e customer' d at such su ered dusk to	servi easure s conr bsequ	ce at primary voltage, the Company the hours-use of the service and co nected load. The connected load use ent times as the Company may deem	may at its ompute the sed for the necessary
INSTALLATION CHARGE: In addition to the above charges, a customer of temporary of any special facilities necessary to provide service. Suc material, supervision and all other costs necessary to ere salvage.	h net cost v	vill incl	lude the Company's total expenditure	e for labor,
PAYMENT: Bills will be due on or before twenty-one (21) days after the	date thereof			
GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:  There will be added to the Customer's bill, as a separate occupation, franchise, gross or other similar fee or tax now other governmental authority, whether imposed by ordinance flat sum payment, a percentage of gross receipts, net rece Company to the Customer. When such tax or fee is impose applicable to each Customer's bill shall be determined by annual revenue from the service provided by this tariff wire customers located within that jurisdiction. The amounts amount, when accumulated from all customers within the amount of the flat sum(s). The fixed amount per custom separate line item. The amount shall remain the same until case this process shall be adjusted to the new flat sum. The it appears, on an annual basis, that the Company is either of more than five percent (5%) on an annual basis. Bills will be such tax or fee is applicable.	or hereafter ie, franchise, ipts, or reve id on the Cor relating the thin the juris shall be con geographic ner shall be the flat sum as amount sh over-collecting	impose or oth nues f npany annua diction verted jurisdi divided may all be g or ur	ad upon the Company by any municip herwise, in which the fee or tax is ba from the sale of electric service rende as a flat sum or sums, the proportion at total of such sum(s) to the Compan of the governmental body and the I to a fixed amount per customer, section of the governmental body, will do by 12 and applied to each month be changed by the governmental bod modified prospectively by the Compan ander-collecting the amount of the flat	ality or any used upon a sered by the late amount pany's total number of so that the late bill as a lay, in which lay anytime t sum(s) by

DATE EFFECTIVE \_\_\_\_\_ December 1, 2002

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Mo. No5
THE EMPIRE DISTRICT ELECTRIC COMPANY	
Sec.	
ForALL_TERRITORY	Cancelling P.S.C. Mo. No5
No supplement to this tariff will be issued except Sec.	
for the purpose of Cancelling this tariff.	Which was issued <u>09-26-01</u>
MISCELLANEOUS SER SCHEDULE MS	VICE
AVAILABILITY: This schedule is available for electric service to signal systems or similause.	r unmetered service and to temporary or seasonal
MONTHLY RATE:	
Customer chargeFor all energy used, per kWh	
CONCLEACTION	
CONSUMPTION:  The connected load will be used to calculate the kilowatt-hours connected load will be used to calculate the kilowatt-hours connected load.	nsumed on unmetered service.
Installation charge: In addition to the above charges, a customer of temporary nature removal of any special facilities necessary to provide service. expenditure for labor, material, supervision and all other costs necesproper credit for actual salvage.  PAYMENT: Bills will be due on or before twenty-one (21) days after the date to GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES: There will be added to the Customer's bill, as a separate item, an a occupation, franchise, gross or other similar fee or tax now or here or any other governmental authority, whether imposed by ordinance based upon a flat sum payment, a percentage of gross receipts, service rendered by the Company to the Customer. When such the sums, the proportionate amount applicable to each Customer's bit such sum(s) to the Company's total annual revenue from the service governmental body and the number of customers located within the fixed amount per customer, so that the amount, when accur jurisdiction of the governmental body, will equal the amount of the divided by 12 and applied to each monthly bill as a separate line it sum may be changed by the governmental body, in which case this amount shall be modified prospectively by the Company anytime either over-collecting or under-collecting the amount only in second	Such net cost will include the Company's total essary to erect and remove facilities for service, less thereof.  Impount equal to the proportionate part of any license, after imposed upon the Company by any municipality be, franchise, or otherwise, in which the fee or tax is net receipts, or revenues from the sale of electric ex or fee is imposed on the Company as a flat sum or all shall be determined by relating the annual total of the provided by this tariff within the jurisdiction of the nat jurisdiction. The amounts shall be converted to a mulated from all customers within the geographic flat sum(s). The fixed amount per customer shall be term. The amount shall remain the same until the flat is process shall be adjusted to the new flat sum. The it appears, on an annual basis, that the Company is sum(s) by more than five percent (5%) on an annual
<ol> <li>CONDITIONS OF SERVICE:</li> <li>Service will be furnished for the sole use of the customer a directly or indirectly.</li> <li>Voltage, phase, and frequency of service supplied will be as a</li> <li>Bills for service will be rendered monthly. Where service is service will be rendered immediately on discontinuance of ser</li> <li>The Company Rules and Regulations, P.S.C. Mo. No. 5, Section</li> </ol>	approved by the Company.  Is for temporary use, the bill for the current month's vice.

# STATE OF MISSOURI, PUBLIC SERVICE COMMISSION P.S.C. Mo. No. THE EMPIRE DISTRICT ELECTRIC COMPANY Sec. 3 2nd Revised Sheet No. Cancelling P.S.C. Mo. No. ALL TERRITORY No supplement to this tariff will be issued except Sec. 3 1st Revised Sheet No. for the purpose of cancelling this tariff. Which was issued 09-26-01 CREDIT ACTION FEES SCHEDULE CA **AVAILABILITY:** This schedule is available to any customer requiring the special services listed below. RATE: Customer advance for temporary service line (per Rules and Regulations, Chapter III, Section B1d) ..... 20.00 Charge for insufficient funds check (per Rules and Regulations, Chapter V, A13) ..... 8.00 Customer charge for trip to premises to collect non-payment fee (per Rules and Regulations, Chapter V, F8) ..... 13.00 Reconnection fee (per Rules and Regulations, Chapter V, F11) During normal business hours ..... 25.00 Outside normal business hours..... 50.00 Charge for mater reading (per Rules and Regulations, Chapter V, Section A3) During normal business hours ..... 5.00 Outside normal business hours 10.00 For the year ending December 31, 2002, the interest rate shall be 9%. Effective January 1, 2003, interest rate paid upon return of a deposit, per annum, compounded annually (per Rules and Regulations, Chapter V, C5b), shall be equal to the prime rate published in the Wall Street Journal as being in effect on the last business day of December of the prior year, plus 1%.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION	P.S.C. Ma. No <u>5</u>
THE EMPIRE DISTRICT ELECTRIC COMPANY	
For ALL TERRITORY	Sec. 4 8th Revised Sheet No. 2  Canceling P.S.C. Mo. No. 5
No supplement to this tariff will be issued except For the purpose of canceling this tariff.	Sec. 4 7th Revised Sheet No. 2 Which was issued 09-26-01

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DATE OF ISSUE November 1, 2002 DATE EFFECTIVE December 1, 2002

ISSUED BY David W. Gibson, Vice President, Joplin, MO

STATE OF MISSOUR!, PUBLIC SERVICE COMMISSION	P.S.C. Ma. No5
THE EMPIRE DISTRICT ELECTRIC COMPANY	Sec. 4 1st Revised Sheet No. 21  Cancelling P.S.C. Mo. No. 5
For ALL TERRITORY  No supplement to this tariff will be issued except for the purpose of cancelling this tariff.	Sec. 4 Original Sheet No. 21 Which was issued 5-15-02

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DATE OF ISSUE November 1, 2002
ISSUED BY David W. Gibson, Vice President, Joplin, MO

DATE EFFECTIVE December 1, 2002

THE EMPIRE DISTRICT ELECTRIC COMPANY - CASE NO. ER-2002-424 **CURRENT AND SETTLEMENT RATES - BY RATE SCHEDULE** (ASSUMES \$11,000,000 INCREASE IN OVERALL REVENUES)

RESIDENTIAL SERVICE					COMMER	CIAL SERVICE		
CURRENT	PROPOSED	DIFFERE	ENCE		QURRENT	PROPOSED	DIFFERE	ENCE
<u>RATES</u> \$8.22	<u>RATES</u> \$8.75	( <u>\$)</u> \$0.53	<u>(%)</u> 6.45%	CUSTOMER CHARGE	<u>RATES</u> \$11.74	<u>RATES</u> \$12.32	( <u>\$)</u> \$0.58	<u>(%)</u> 4.94%
•				CNEBCY CHARGE				
40.0003	ቀባ ሰንነብ	#B 0022	3 1604		£0.0700	#A 0039	ድብ በበ4ስ	5.01%
,	•	•						
\$0.0697	\$0.0719	\$0.0022	3.10%	* · = · · · · · · · · · · · · · · · · ·	\$0.0790	\$0.0030	\$0.00 <del>1</del> 0	5.01%
40.0607	40.0710	40 A022	3 1506		<b>₹</b> 0.0709	ቀህ ህወጋወ	<b>40 0040</b>	5.01%
•	•	•			1	•		4.97%
014411 1471	ATING EFRINCE				CECN MILL &	CDAYN ELEVATO	<b>3</b> 0	
SMALL MEA	HING SEKATCE				LEED WILL OF	GRAIN ELEVAIC	, K	
CURRENT	PROPOSED	DIFFERE	ENCE		CURRENT	PROPOSED	DIFFERE	NCE
RATES	<u>rates</u>	<u>(\$)</u>	<u>(%)</u>		RATES	RATES	<u>(\$)</u>	<u>(%)</u>
\$11.74	\$12.32	\$0.58	4. <b>94</b> %	CUSTOMER CHARGE	\$17.60	<b>\$18.48</b>	\$0.88	5.00%
				ENERGY CHARGE;				
				SUMMER				
\$0.0798	\$0.0838	\$0.0040	5.01%	FIRST 700 KWH	\$0.1021	\$0.1072	\$0.0051	5.00%
,	•		5.01%	OVER 700 KWH	\$0.1021		,	5.00%
40.07.50	¥	******		WINTER.	• • • • • • • • • • • • • • • • • • • •	4	4	2.23,5
\$0.0798	\$0.0838	\$0.0040	5.01%	FIRST 700 KWH	\$0.1021	\$0.1072	\$0.0051	5.00%
*	\$0.0436	\$0.0021	5.06%	OVER 700 KWH	\$0.0927	\$0.0973	\$0.0046	4.96%
	\$0.0697 \$0.0697 \$0.0697 \$0.0411 \$MALL HEA	CURRENT PROPOSED  RATES \$8.22 \$8.75  \$0.0697 \$0.0719 \$0.0697 \$0.0719 \$0.0697 \$0.0719 \$0.0411 \$0.0452  SMALL HEATING SERVICE  CURRENT PROPOSED  RATES \$11.74 \$12.32  \$0.0798 \$0.0838 \$0.0798 \$0.0838 \$0.0798 \$0.0838	CURRENT PROPOSED DIFFERE (\$) \$8.22 \$8.75 \$0.53  \$0.0697 \$0.0719 \$0.0022 \$0.0697 \$0.0719 \$0.0022 \$0.0697 \$0.0719 \$0.0022 \$0.0697 \$0.0719 \$0.0022 \$0.0411 \$0.0452 \$0.0041  SMALL HEATING SERVICE  CURRENT PROPOSED DIFFERE (\$) \$11.74 \$12.32 \$0.58  \$0.0798 \$0.0838 \$0.0040 \$0.0798 \$0.0838 \$0.0040 \$0.0798 \$0.0838 \$0.0040	CURRENT PROPOSED (\$) (%) \$8.22 \$8.75 \$0.53 6.45%  \$0.0697 \$0.0719 \$0.0022 3.16% \$0.0697 \$0.0719 \$0.0022 3.16% \$0.0697 \$0.0719 \$0.0022 3.16% \$0.0697 \$0.0719 \$0.0022 3.16% \$0.0411 \$0.0452 \$0.0041 9.98%  SMALL HEATING SERVICE  CURRENT PROPOSED DIFFERENCE (\$) (%) \$11.74 \$12.32 \$0.58 4.94%  \$0.0798 \$0.0838 \$0.0040 5.01% \$0.0798 \$0.0838 \$0.0040 5.01% \$0.0798 \$0.0838 \$0.0040 5.01%	CURRENT PROPOSED RATES (\$) (\$) (%) \$8.22 \$8.75 \$0.53 6.45% CUSTOMER CHARGE  \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0697 \$0.0719 \$0.0022 3.16% OVER 700 KWH \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH  \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH   SMALL HEATING SERVICE  CURRENT PROPOSED DIFFERENCE RATES RATES (\$) (%) \$11.74 \$12.32 \$0.58 4.94% CUSTOMER CHARGE  \$0.0798 \$0.0838 \$0.0040 5.01% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0040 5.01% FIRST 700 KWH WINTER	CURRENT RATES         PROPOSED RATES         DIFFERENCE (\$)         CUSTOMER CHARGE         CURRENT RATES           \$8.22         \$8.75         \$0.53         6.45%         CUSTOMER CHARGE         \$11.74           \$0.0697         \$0.0719         \$0.0022         3.16%         FIRST 700 KWH         \$0.0798           \$0.0697         \$0.0719         \$0.0022         3.16%         FIRST 700 KWH         \$0.0798           \$0.0697         \$0.0719         \$0.0022         3.16%         FIRST 700 KWH         \$0.0798           \$0.0411         \$0.0452         \$0.0041         9.98%         OVER 700 KWH         \$0.0543           SMALL HEATING SERVICE         FEED MILL &           CURRENT RATES         (\$)         (%)         CUSTOMER CHARGE         \$17.60           \$11.74         \$12.32         \$0.58         4.94%         CUSTOMER CHARGE         \$17.60           \$0.0798         \$0.0838         \$0.0040         5.01%         FIRST 700 KWH         \$0.1021           \$0.0798         \$0.0838         \$0.0040         5.01%         FIRST 700 KWH         \$0.1021           \$0.0798         \$0.0838         \$0.0040         5.01%         FIRST 700 KWH         \$0.1021	CURRENT PROPOSED DIFFERENCE CUSTOMER CHARGE \$11.74 \$12.32 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0719 \$0.0022 3.16% OVER 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0697 \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH \$0.0798 \$0.0838 \$0.0638 \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH \$0.0543 \$0.0570 \$\$\$\$  SMALL HEATING SERVICE CURRENT PROPOSED DIFFERENCE (\$) (%) RATES \$11.74 \$12.32 \$0.58 4.94% CUSTOMER CHARGE \$17.60 \$18.48 \$	CURRENT PROPOSED DIFFERENCE CUSTOMER CHARGE \$11.74 \$12.32 \$0.58 \$8.22 \$8.75 \$0.53 \$6.45% CUSTOMER CHARGE \$11.74 \$12.32 \$0.58 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0040 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0040 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0040 \$0.0697 \$0.0719 \$0.0022 3.16% FIRST 700 KWH \$0.0798 \$0.0838 \$0.0040 \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH \$0.0798 \$0.0838 \$0.0040 \$0.0411 \$0.0452 \$0.0041 9.98% OVER 700 KWH \$0.0543 \$0.0570 \$0.0027 \$0.0011 \$0.0452 \$0.0041 9.98% OVER 700 KWH \$0.0543 \$0.0570 \$0.0027 \$0.0027 \$0.0011 \$0.0543 \$0.0570 \$0.0027 \$0.0027 \$0.0011 \$0.0543 \$0.0570 \$0.0027

pages

# THE EMPIRE DISTRICT ELECTRIC COMPANY - CASE NO. ER-2002-424 CURRENT AND SETTLEMENT RATES - BY RATE SCHEDULE (ASSUMES \$11,000,000 INCREASE IN OVERALL REVENUES)

#### **GENERAL POWER SERVICE**

#### TOTAL ELECTRIC BUILDINGS

CUSTOMER CHARGE:	CURRENT RATES	PROPOSED <u>RATES</u>	DIFFERE	(%)	CUSTOMER CHARGE:	CURRENT RATES	PROPOSED RATES	DIFFERE (\$)	NCE (%)
REG MTR BILLS	\$42.61	\$44.73	<b>\$2</b> .12	4.98%	REG MTR BILLS	\$42.61	\$44.73	\$2.12	4.98%
IOR MTR BILLS	\$156.74	\$164.53	\$7.79	4.97%	IDR MTR BILLS	\$156.74	\$164.53	\$7.79	4.97%
		•							
DEMAND CHARGE:					DEMAND CHARGE:				
SUMMER KW	<b>\$</b> 5.80	\$6.09	\$0.29	5.00%	SUMMER KW	\$3.63	\$3.81	\$0.18	4.96%
WINTER KW	\$4.53	<b>\$4.76</b>	\$0.23	5.08%	WINTER KW	\$2.98	\$3.13	\$0.15	5.03%
PRIMARY DISCOUNT:					PRIMARY DISCOUNT:				
SUMMER KW	(\$0.201)	(\$0.211)	(\$0.010)	4.98%	SUMMER KW	(\$0.201)	(\$0.211)	(\$0.010)	4.98%
WINTER KW	(\$0.201)	(\$0.211)	(\$0.010)	4.98%	WINTER KW	(\$0.201)	(\$0.211)	(\$0.010)	4.98%
ENERGY CHARGE:					ENERGY CHARGE: SUMMER				
SUMMER	40.0500	40.0026	40.0000	£ 0344		AA ACAA	AG 0724	\$0.0035	5.01%
FIRST 150 HU	\$0.0596	\$0.0626	\$0.0030	5.03%	FIRST 150 HU	\$0.06 <del>99</del>	\$0.0734	•	
NEXT 200 HU	\$0.0376	\$0.0395	\$0.0019	5.05%	NEXT 200 HU	\$0.0442	\$0.0464	\$0.0022	4.98%
OVER 350 HU	\$0.0338	<b>\$0.035</b> 5	\$0.0017	5.03%	OVER 350 HU	\$0.0398	<b>\$</b> 0.0418	<b>\$0.0020</b>	5.03%
WINTER					WINTER				
FIRST 150 HU	\$0.0351	\$0.0368	\$0.0017	4.84%	FIRST 150 HU	\$0.0366	\$0.0384	\$0.0018	4.92%
NEXT 200 HU	\$0.0338	\$0.0355	\$0.0017	5.03%	NEXT 200 HU	\$0.0345	\$0.0362	\$0.0017	4.93%
OVER 350 HU	\$0.0330	\$0.0346	\$0.0 <b>0</b> 15	4.85%	OVER 350 HU	\$0.0333	\$0.0350	\$0.0037	5.11%

# Attachment A Page 31 of 32 pages

# THE EMPIRE DISTRICT ELECTRIC COMPANY - CASE NO. ER-2002-424 CURRENT AND SETTLEMENT RATES - BY RATE SCHEDULE (ASSUMES \$11,000,000 INCREASE IN OVERALL REVENUES)

	LARGE POWER \$ERVICE					ir & Special T	RANSMISSION:	SERVICE	
	CURRENT RATES	PROPOSED RATES	DIFFERI (\$)	ENCE (%)		Current Bates	PROPOSED RATES	DIFFERE	NCE (%)
				-		1311111	141.5	And .	£131
CUSTOMER CHARGE	\$156.74	<b>\$164.5</b> 3	\$7.79	4.97%	CUSTOMER CHARGE	\$156.74	\$164.53	\$7.79	4.97%
DEMAND CHARGE:					FACILITIES CHARGE:				
SUMMER KW	\$9.27	\$9,73	\$0,46	4.96%	SUMMER KW	\$0,29	\$0,30	\$0.01	3,45%
WINTER KW	\$5,12	\$5,37	\$0.25	4.88%	WINTER KW	\$0.29	\$0.30	\$0.01	3.45%
TO THE PARTY OF TH	45,12	42.01	40.23	7.0070	WINTER RIF	\$0.23	\$0.50	\$0.01	5.45%
SECONDARY ADDER:					DEMAND CHARGE:				
SUMMER KW	\$0.195	\$0,205	\$0.010	5.13%	SUMMER ON-PEAK KW	\$14.11	\$14.71	\$0.60	4.25%
WINTER KW	\$0.195	\$0,205	\$0.010	S.13%	WINTER ON-PEAK KW	\$9.59	\$9.99	\$0.40	
WART EN RIV	<b>#0.13</b> 0	70.203	40.020	3.1.170	HINTER ON I DAR RIV	<b>\$3.3</b> 3	₹9.93	\$0.40	4.17%
ENERGY CHARGE:					ENERGY CHARGE:				
SUMMER					SUMMER				
FIRST 350 HU	\$0.0369	\$D.0387	\$0,0018	4.88%	ON-PEAK KWH	\$0.0281	\$0.0293	40.0013	
OVER 350 HU	\$0.0191	\$0.0200	\$0.0009	4.71%	SHOULDER KWH	\$0.0281 \$0.0223	\$0.0232	\$0.0012	4.27%
WINTER	40.0151	40.0200	40,0000	7.7 4 70	OFF-PEAK KWH		•	\$0.0009	4.04%
FIRST 350 HU	\$0.0325	\$0.0341	\$0,0016	4.92%	WINTER	\$0.0168	\$0.0175	\$0.0007	4.17%
OVER 350 HU	•	\$0.0192	\$0.0009	4.92%		40.0404	4.		
OVER 350 NO	\$0.0183	\$0.0192	בניונות יעלב	4.9270	ON-PEAK KWH	\$0.0194	\$0.0202	\$0.0008	4.12%
					OFF-PEAK KWH	\$0.0158	\$0.0165	\$0.0007	4.43%
	POWER FURNACE					MISCELLANE	OUS SERVICE		
	CURRENT	PROPOSED	DIFFERE	NOF		CURRENT	PROPOSED	DIFFERE	ve
	RATES	RATES	(S)	(%)		RATES	RATES		
CLISTOMER CHARGE	\$0.00	\$0.00	\$0.00	0.00%	CUSTOMER CHARGE	\$11.74		<u>(\$)</u>	<u>(%)</u>
COSTOMER CHARGE	\$0.00	40.00	40.00	0.0070	COSTOMER CHARGE	\$11.74	\$12.32	\$0.58	4.94%
ENERGY CHARGE:					ENERGY CHARGE:				
SUMMER KWH	\$0.0493	<b>\$0.05</b> 18	\$0.0025	5.07%	SUMMER KWH	\$0.0570	## ococ	** ***	
<del>-</del> · ·	,	,	\$0,0025	5.07% 5.07%			\$0.0598	\$0.0028	4.91%
WINTER KWH	<b>\$0.0493</b>	\$0.0518	<b>⊉</b> 0.0023	3,47%	WINTER KWH	\$0.0570	\$0.0598	\$0.0028	4.91%

# THE EMPIRE DISTRICT ELECTRIC COMPANY - CASE NO. ER-2002-424 CURRENT AND SETTLEMENT RATES - BY RATE SCHEDULE (ASSUMES \$11,000,000 INCREASE IN OVERALL REVENUES)

#### PRIVATE LIGHTING

#### MUNICIPAL STREET LIGHTING

	CURRENT	PROPOSED	DIFFERE	NCE		CURRENT	PROPOSED	DIFFEREN	CE
	RATES	RATES	<b>(\$)</b>	(%)		RATES	RATES	<u>(\$)</u>	(% <u>)</u>
STREET LIGHTING LAMPS:				<del></del>	STREET LIGHTING LAMPS:				
MERCURY VAPOR					INCANDESCENT				
6800 LUMENS	<b>\$9.1</b> 3	<b>\$</b> 9.58	\$0.45	4.93%	4000 LUMENS	\$37.90	\$39.78	\$1.88	4.96%
20000 LUMENS	\$15.19	<b>\$15.9</b> 5	\$0.76	5.00%	10000 LUMENS	\$78.00	\$81.88	\$3.88	4.97%
54000 LUMENS	\$29.13	\$30,58	\$1.45	4.98%	MERCURY VAPOR	·	•		
SODIUM VAPOR	•	•	•		7000 LUMENS	\$51.48	\$54.04	\$2.56	4.97%
6000 LUMENS	\$8.43	\$8.85	\$0.42	4.98%	11000 LUMENS	\$61.79	\$64.86	\$3.07	4.97%
16000 LUMENS	\$12.27	\$12.88	\$0.61	4.97%	20000 LUMENS	\$88.46	\$92.86	\$4,40	4.97%
27500 LUMENS	\$17.74	\$18.62	\$0.88	4.96%	53000 LUMENS	\$149.25	\$156.67	\$7.42	4.97%
50000 LUMENS	\$20.58	\$21.60	\$1.02	4.96%	SODIUM VAPOR	•	•		
METAL HALIDE		-	•		6000 LUMENS	\$48.24	\$50.64	\$2.40	4.98%
12000 LUMENS	\$14.22	\$14.93	\$0.71	4.99%	16000 LUMENS	\$60.39	\$63.39	\$3.00	4.97%
20500 LUMENS	\$18.98	\$19.92	\$0.94	4.95%	27500 LUMENS	\$78.59	\$82.50	\$3.91	4.98%
36000 LUMENS	\$21,29	\$22.35	\$1.06	4.98%	50000 LUMENS	\$112.02	\$117.59	\$5.57	4.97%
		•	·		13000D LUMENS	\$180.76	\$189.75	\$8.99	4.97%
FLOOD LIGHTING LAMPS:					METAL HALIDE				
MERCURY VAPOR					12000 LUMENS	\$75.66	579.42	\$3.76	4.97%
20000 LUMENS	<b>\$21.29</b>	\$22.35	\$1.06	4.98%	20500 LUMENS	\$92.53	597.13	\$4.60	4.97%
54000 LUMENS	\$35.16	\$36.91	\$1.75	4.98%	36000 LUMENS	\$123.77	\$129.92	\$6.15	4.97%
SODIUM VAPOR		•			110000 LUMENS	\$273.52	\$287.12	\$13.60	4.97%
27500 LUMENS	\$20.64	\$21.67	\$1.03	4.99%					
50000 LUMENS	\$28.29	\$29.70	\$1.41	4.98%		SPECIA	L LIGHTING		
140000 LUMENS	\$41.34	\$43.40	\$2.06	4.98%					
METAL HALIDE						CURRENT	PROPOSED	DIFFERENCE	
12000 LUMENS	\$14.61	\$15.34	\$0.73	5.00%		RATES	RATES	<b>(\$)</b>	<u>(%)</u>
20500 LUMENS	\$19,53	\$20.50	\$0.97	4.97%	MINIMUM CHARGE	\$26.99	\$28.33	\$1.34	4.96%
36000 LUMENS	\$28.B2	\$30.25	\$1.43	4.96%					
110000 LUMENS	\$42,10	\$44.19	\$2.09	4.96%	ENERGY CHARGE:				
	-				SUMMER				
OTHER CHARGES:					FIRST 1000 KWH	\$0.0991	\$0.1040	\$0.0049	4.94%
ADDL POLES	\$1.17	\$1.23	\$0.06	5.13%	OVER 1000 KWH	\$0.0774	\$0.0812	\$0.0038	4.91%
ADDL ANCHOR	\$1.17	\$1.23	\$0.06	5.13%	WINTER	•			
ADDL CONDUCTOR	\$0.011	\$0.012	\$0.001	9.09%	FIRST 1000 KWH	\$0.0991	\$0.1040	<b>\$0.0049</b>	4.94%
• • • • • • • • • • • • • • • • • • • •	•		,	-	OVER 1000 KWH	\$0.0774	\$0.0812	\$0.0038	4.91%

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