

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. Mo. No. 5

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. A 16th Revised Sheet No. 1
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. A 15th Revised Sheet No. 1
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DATE OF ISSUE November 1, 2002
ISSUED BY David W. Gibson, Vice President, Joplin, MODATE EFFECTIVE December 1, 2002

Exhibit A

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 1 11th Revised Sheet No. 1
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 1 10th Revised Sheet No. 1
Which was issued 09-26-01RESIDENTIAL SERVICE
SCHEDULE RG

AVAILABILITY:

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

MONTHLY RATE:

	Summer Season	Winter Season
Customer Charge	\$ 8.75	\$ 8.75
The first 600-kWh, per kWh	0.0719	0.0719
Additional kWh, per kWh	0.0719	0.0452

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.

RESIDENTIAL CONSERVATION ADJUSTMENT:

The above energy charge will be adjusted in an amount provided by the terms and provisions of Residential Conservation Service, Rider RCS, P.S.C. Mo. No. 5, Section 4, Sheet 7.

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

CONDITIONS OF SERVICE:

1. Voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. If this schedule is used for service through a single meter to multiple-family dwellings within a single building, each Customer charge and kWh block will be multiplied by the number of dwelling units served in calculating each month's bill.
5. Welding, X-ray, or other equipment characterized by severe or fluctuating demands, will not be served.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 1
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 1
Which was issued 09-26-01COMMERCIAL SERVICE
SCHEDULE CB

AVAILABILITY:

This schedule is available to any general service customer on the lines of the Company whose electric load is not in excess of 40 Kw, 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 rooms and/or board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

MONTHLY RATE:

	Summer Season	Winter Season
Customer Charge.....	\$ 12.32	\$ 12.32
The first 700-kWh, per kWh.....	0.0838	0.0838
Additional kWh, per kWh.....	0.0838	0.0570

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 annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 2
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 2
Which was issued 09-26-01SMALL HEATING SERVICE
SCHEDULE 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 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	\$ 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 annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 3
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 3
Which was issued 09-26-01GENERAL POWER SERVICE
SCHEDULE GP

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 purely for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient rooms 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	\$ 44.73	\$ 44.73
DEMAND CHARGE:		
Per Kw of Billing Demand	6.09	4.76
ENERGY CHARGE:		
First 150 hours use of Metered Demand, per kWh..	0.0626	0.0368
Next 200 hours use of Metered Demand, per kWh .	0.0395	0.0355
All additional kWh, per kWh	0.0355	0.0346

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, 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.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 11th Revised Sheet No. 4
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo 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 09-26-01LARGE POWER SERVICE
SCHEDULE LP

AVAILABILITY:

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

MONTHLY RATE:

	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.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 5
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 5
Which was issued 09-26-01ELECTRIC FURNACE PRIMARY SERVICE
SCHEDULE 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 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.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

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

CONDITIONS OF SERVICE:

1. While the Company has facilities available, this special service will be furnished each day during Company specified hours.
2. Voltage and frequency of service will be as approved by the Company.
3. Service will be measured at substation primary voltage, 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 and will not be resold, redistributed or submetered, directly or indirectly.
5. Bills for service will be rendered monthly.
6. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 6
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 6
Which was issued 09-26-01FEED MILL AND GRAIN ELEVATOR SERVICE
SCHEDULE PFM

AVAILABILITY:

This schedule is available for electric service to any custom feed mill or grain 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 before twenty-one (21) days after the date thereof. If not so paid, the above rate plus 5% then applies.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

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

CONDITIONS OF SERVICE:

1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be 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.
3. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
4. The term of service will not be less than one (1) year. Intermittent or seasonal service will not be provided.
5. Bills for service will be rendered monthly.
6. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.
7. No new customers will be accepted on this rate.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 10th Revised Sheet No. 7
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 9th Revised Sheet No. 7
Which was issued 09-26-01TOTAL 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.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 6th Revised Sheet No. 9
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo 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 09-26-01SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR
SCHEDULE SC-P

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.

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 2 5th Revised Sheet No. 13
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 2 4th Revised Sheet No. 13
Which was issued 09-26-01SPECIAL TRANSMISSION SERVICE
SCHEDULE ST

AVAILABILITY:

This schedule is available for electric service to any general service Customer who has signed a service contract with THE EMPIRE DISTRICT ELECTRIC COMPANY. The Company shall supply, sell and deliver electric power at transmission or substation voltage, and the Customer shall take and pay for said power under the provisions of the contract.

NET MONTHLY RATE:

	Summer Season	Winter Season
CUSTOMER CHARGE	\$ 164.53	\$ 164.53
PEAK DEMAND CHARGE, per Kw	14.71	9.99
SUBSTATION FACILITIES CHARGE, per Kw	0.30	0.30
ENERGY CHARGE, per kWh:		
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 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.

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 than 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.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. Mo. No. 5

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 3 11th Revised Sheet No. 1
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 3 10th Revised Sheet No. 1
Which was issued 09-26-01MUNICIPAL STREET LIGHTING SERVICE
SCHEDULE SPL

AVAILABILITY:

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

ANNUAL STREET LIGHTING CHARGE:	Annual Charge Per Lamp	Annual kWh
Incandescent Lamp Sizes (No New Installation Allowed)		
4,000 lumen.....	\$ 39.78	1,088
10,000 lumen.....	81.88	2,331
Mercury-Vapor Lamp Sizes:		
7,000 lumen.....	54.04	784
11,000 lumen.....	64.86	1,186
20,000 lumen.....	92.86	1,868
53,000 lumen.....	156.67	4,475
High-Pressure Sodium-Vapor Lamp Sizes (Lucalox, etc.):		
6,000 lumen.....	50.64	374
16,000 lumen.....	63.39	694
27,500 lumen.....	82.50	1,271
50,000 lumen.....	117.59	1,880
130,000 lumen.....	189.75	4,313
Metal Halide Lamp Sizes:		
12,000 lumen.....	79.42	696
20,500 lumen.....	97.13	1,020
36,000 lumen.....	129.92	1,620
110,000 lumen.....	287.12	4,056

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

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

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

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

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

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

For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.PRIVATE LIGHTING SERVICE
SCHEDULE PL

AVAILABILITY:

This schedule is available for outdoor lighting service to any retail Customer.

MONTHLY RATE:

	Per Lamp	Monthly 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.....	22.35	156
54,000 lumen.....	36.91	373
Sodium-Vapor Lamp Sizes:		
27,500 lumen.....	21.67	106
50,000 lumen.....	29.70	157
140,000 lumen.....	43.40	359
Metal Halide Lamp Sizes:		
12,000 lumen.....	15.34	59
20,500 lumen.....	20.50	85
36,000 lumen.....	30.25	135
110,000 lumen.....	44.19	338

Additional Charge for installations requiring additions to, or rearrangement of, existing facilities:

Regular wood pole, per month.....	\$ 1.23
Guy and anchor, per month.....	1.23
Overhead conductor, three wire, per foot, per month.....	.012
Other (miscellaneous) per month.....	1.5% of the estimated installed cost thereof

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

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

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 3 10th Revised Sheet No. 3
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 3 9th Revised Sheet No. 3
Which was issued 09-26-01SPECIAL LIGHTING SERVICE
SCHEDULE LS

AVAILABILITY:

This schedule is available for electric service to sport field lighting, holiday decorative lighting or similar nighttime temporary or seasonal use.

MONTHLY RATE:

For the first 1,000 kWh used, per kWh..... \$ 0.1040
For all additional kWh used, per kWh..... 0.0812

MINIMUM:

The net monthly minimum charge for any month during which electrical energy is used will be \$28.33.

CONSUMPTION:

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

INSTALLATION CHARGE:

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

PAYMENT:

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

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 3 10th Revised Sheet No. 4
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 3 9th Revised Sheet No. 4
Which was issued 09-26-01MISCELLANEOUS SERVICE
SCHEDULE MS

AVAILABILITY:

This schedule is available for electric service to signal systems or similar unmetered service and to temporary or seasonal use.

MONTHLY RATE:

Customer charge..... \$ 12.32
For all energy used, per kWh \$ 0.0598

CONSUMPTION:

The connected load will be used to calculate the kilowatt-hours consumed on unmetered service.

INSTALLATION CHARGE:

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

PAYMENT:

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

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

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

CONDITIONS OF SERVICE:

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 3 2nd Revised Sheet No. 5
Cancelling P.S.C. Mo. No. 5For ALL TERRITORYNo supplement to this tariff will be issued except
for the purpose of cancelling this tariff.Sec. 3 1st Revised Sheet No. 5
Which was issued 09-26-01CREDIT 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 meter 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. Mo. No. 5

THE EMPIRE DISTRICT ELECTRIC COMPANY

Sec. 4 8th Revised Sheet No. 2
Canceling P.S.C. Mo. No. 5

For ALL TERRITORY

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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STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. Mo. No. 5

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					COMMERCIAL SERVICE				
	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE</u>			<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE</u>	
			<u>(\$)</u>	<u>(%)</u>				<u>(\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$8.22	\$8.75	\$0.53	6.45%	CUSTOMER CHARGE	\$11.74	\$12.32	\$0.58	4.94%
ENERGY CHARGES					ENERGY CHARGE:				
SUMMER					SUMMER				
FIRST 600 KWH	\$0.0697	\$0.0719	\$0.0022	3.16%	FIRST 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%
OVER 600 KWH	\$0.0697	\$0.0719	\$0.0022	3.16%	OVER 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%
WINTER					WINTER				
FIRST 600 KWH	\$0.0697	\$0.0719	\$0.0022	3.16%	FIRST 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%
OVER 600 KWH	\$0.0411	\$0.0452	\$0.0041	9.98%	OVER 700 KWH	\$0.0543	\$0.0570	\$0.0027	4.97%
SMALL HEATING SERVICE					FEED MILL & GRAIN ELEVATOR				
	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE</u>			<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE</u>	
			<u>(\$)</u>	<u>(%)</u>				<u>(\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$11.74	\$12.32	\$0.58	4.94%	CUSTOMER CHARGE	\$17.60	\$18.48	\$0.88	5.00%
ENERGY CHARGE:					ENERGY CHARGE:				
SUMMER					SUMMER				
FIRST 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%	FIRST 700 KWH	\$0.1021	\$0.1072	\$0.0051	5.00%
OVER 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%	OVER 700 KWH	\$0.1021	\$0.1072	\$0.0051	5.00%
WINTER					WINTER				
FIRST 700 KWH	\$0.0798	\$0.0838	\$0.0040	5.01%	FIRST 700 KWH	\$0.1021	\$0.1072	\$0.0051	5.00%
OVER 700 KWH	\$0.0415	\$0.0436	\$0.0021	5.06%	OVER 700 KWH	\$0.0927	\$0.0973	\$0.0046	4.96%

Note: Percentage changes to each rate component may vary due to rounding of the rates to tariff precision.

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				
	CURRENT RATES	PROPOSED RATES	DIFFERENCE (\$)	(%)		CURRENT RATES	PROPOSED RATES	DIFFERENCE (\$)	(%)
CUSTOMER CHARGE:					CUSTOMER CHARGE:				
REG MTR BILLS	\$42.61	\$44.73	\$2.12	4.98%	REG MTR BILLS	\$42.61	\$44.73	\$2.12	4.98%
IDR 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	\$5.80	\$6.09	\$0.29	5.00%	SUMMER KW	\$3.63	\$3.81	\$0.18	4.96%
WINTER KW	\$4.53	\$4.76	\$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				
FIRST 150 HU	\$0.0596	\$0.0626	\$0.0030	5.03%	FIRST 150 HU	\$0.0699	\$0.0734	\$0.0035	5.01%
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	\$0.0355	\$0.0017	5.03%	OVER 350 HU	\$0.0398	\$0.0418	\$0.0020	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	\$0.0016	4.85%	OVER 350 HU	\$0.0333	\$0.0350	\$0.0017	5.11%

Note: Percentage changes to each rate component may vary due to rounding of the rates to tariff precision.

**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 SERVICE

	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE (\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$156.74	\$164.53	\$7.79	4.97%
DEMAND CHARGE:				
SUMMER KW	\$9.27	\$9.73	\$0.46	4.96%
WINTER KW	\$5.12	\$5.37	\$0.25	4.88%
SECONDARY ADDER:				
SUMMER KW	\$0.195	\$0.205	\$0.010	5.13%
WINTER KW	\$0.195	\$0.205	\$0.010	5.13%
ENERGY CHARGE:				
SUMMER				
FIRST 350 HU	\$0.0369	\$0.0387	\$0.0018	4.88%
OVER 350 HU	\$0.0191	\$0.0200	\$0.0009	4.71%
WINTER				
FIRST 350 HU	\$0.0325	\$0.0341	\$0.0016	4.92%
OVER 350 HU	\$0.0183	\$0.0192	\$0.0009	4.92%

PRAXAIR & SPECIAL TRANSMISSION SERVICE

	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE (\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$156.74	\$164.53	\$7.79	4.97%
FACILITIES CHARGE:				
SUMMER KW	\$0.29	\$0.30	\$0.01	3.45%
WINTER KW	\$0.29	\$0.30	\$0.01	3.45%
DEMAND CHARGE:				
SUMMER ON-PEAK KW	\$14.11	\$14.71	\$0.60	4.25%
WINTER ON-PEAK KW	\$9.59	\$9.99	\$0.40	4.17%
ENERGY CHARGE:				
SUMMER				
ON-PEAK KWH	\$0.0281	\$0.0293	\$0.0012	4.27%
SHOULDER KWH	\$0.0223	\$0.0232	\$0.0009	4.04%
OFF-PEAK KWH	\$0.0168	\$0.0175	\$0.0007	4.17%
WINTER				
ON-PEAK KWH	\$0.0194	\$0.0202	\$0.0008	4.12%
OFF-PEAK KWH	\$0.0158	\$0.0165	\$0.0007	4.43%

POWER FURNACE

	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE (\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$0.00	\$0.00	\$0.00	0.00%
ENERGY CHARGE:				
SUMMER KWH	\$0.0493	\$0.0518	\$0.0025	5.07%
WINTER KWH	\$0.0493	\$0.0518	\$0.0025	5.07%

MISCELLANEOUS SERVICE

	<u>CURRENT RATES</u>	<u>PROPOSED RATES</u>	<u>DIFFERENCE (\$)</u>	<u>(%)</u>
CUSTOMER CHARGE	\$11.74	\$12.32	\$0.58	4.94%
ENERGY CHARGE:				
SUMMER KWH	\$0.0570	\$0.0598	\$0.0028	4.91%
WINTER KWH	\$0.0570	\$0.0598	\$0.0028	4.91%

Note: Percentage changes to each rate component may vary due to rounding of the rates to tariff precision.

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 RATES	PROPOSED RATES	DIFFERENCE (\$)	(%)		CURRENT RATES	PROPOSED RATES	DIFFERENCE (\$)	(%)
STREET LIGHTING LAMPS:					STREET LIGHTING LAMPS:				
MERCURY VAPOR					INCANDESCENT				
6800 LUMENS	\$9.13	\$9.58	\$0.45	4.93%	4000 LUMENS	\$37.90	\$39.78	\$1.88	4.96%
20000 LUMENS	\$15.19	\$15.95	\$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%
FLOOD LIGHTING LAMPS:					130000 LUMENS	\$180.76	\$189.75	\$8.99	4.97%
MERCURY VAPOR					METAL HALIDE				
20000 LUMENS	\$21.29	\$22.35	\$1.06	4.98%	12000 LUMENS	\$75.66	\$79.42	\$3.76	4.97%
54000 LUMENS	\$35.16	\$36.91	\$1.75	4.98%	20500 LUMENS	\$92.53	\$97.13	\$4.60	4.97%
SODIUM VAPOR					36000 LUMENS	\$123.77	\$129.92	\$6.15	4.97%
27500 LUMENS	\$20.64	\$21.67	\$1.03	4.99%	110000 LUMENS	\$273.52	\$287.12	\$13.60	4.97%
50000 LUMENS	\$28.29	\$29.70	\$1.41	4.98%	SPECIAL LIGHTING				
140000 LUMENS	\$41.34	\$43.40	\$2.06	4.98%		CURRENT RATES	PROPOSED RATES	DIFFERENCE (\$)	(%)
METAL HALIDE					MINIMUM CHARGE	\$26.99	\$28.33	\$1.34	4.96%
12000 LUMENS	\$14.61	\$15.34	\$0.73	5.00%	ENERGY CHARGE:				
20500 LUMENS	\$19.53	\$20.50	\$0.97	4.97%	SUMMER				
36000 LUMENS	\$28.82	\$30.25	\$1.43	4.96%	FIRST 1000 KWH	\$0.0991	\$0.1040	\$0.0049	4.94%
110000 LUMENS	\$42.10	\$44.19	\$2.09	4.96%	OVER 1000 KWH	\$0.0774	\$0.0812	\$0.0038	4.91%
OTHER CHARGES:					WINTER				
ADDL POLES	\$1.17	\$1.23	\$0.06	5.13%	FIRST 1000 KWH	\$0.0991	\$0.1040	\$0.0049	4.94%
ADDL ANCHOR	\$1.17	\$1.23	\$0.06	5.13%	OVER 1000 KWH	\$0.0774	\$0.0812	\$0.0038	4.91%
ADDL CONDUCTOR	\$0.011	\$0.012	\$0.001	9.09%					

Note: Percentage changes to each rate component may vary due to rounding of the rates to tariff precision.