

# Appendix A

## Part 1

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. A 26th Revised Sheet No. 1

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

For ALL TERRITORY

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 1 16th Revised Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. 1 15th Revised Sheet No. 1

For ALL TERRITORY

RESIDENTIAL 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 Access Charge .....	\$ 12.52	\$ 12.52
The first 600-kWh, per kWh .....	0.1070	0.1070
Additional kWh, per kWh.....	0.1070	0.0871

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

FUEL ADJUSTMENT CLAUSE:

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

PAYMENT:

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

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

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

CONDITIONS OF SERVICE:

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

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

DATE EFFECTIVE \_\_\_\_\_

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. 2 14th Revised Sheet No. 1

For ALL TERRITORY

**COMMERCIAL 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 Access Charge.....	\$ 20.00	\$ 20.00
The first 700-kWh, per kWh.....	0.1160	0.1160
Additional kWh, per kWh.....	0.1160	0.1044

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

**FUEL ADJUSTMENT CLAUSE:**

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

**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

P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 2

Canceling P.S.C. Mo. No. 5 Sec. 2 14th Revised Sheet No. 2

For ALL TERRITORY

**SMALL 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 Access Charge .....	\$ 20.00	\$ 20.00
The first 700-kWh, per kWh .....	0.1120	0.1120
Additional kWh, per kWh.....	0.1120	0.0837

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

**FUEL ADJUSTMENT CLAUSE:**

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

**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.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 3

Canceling P.S.C. Mo. No. 5 Sec. 2 14th Revised Sheet No. 3

For ALL TERRITORY

**GENERAL 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 ACCESS CHARGE .....	\$ 62.85	\$ 62.85
<b>DEMAND CHARGE:</b>		
Per kW of Billing Demand .....	6.63	5.17
<b>FACILITIES CHARGE</b>		
per kW of Facilities Demand.....	1.874	1.874
<b>ENERGY CHARGE:</b>		
First 150 hours use of Metered Demand, per kWh.....	0.0817	0.0705
Next 200 hours use of Metered Demand, per kWh .....	0.0641	0.0581
All additional kWh, per kWh.....	0.0579	0.0576

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 \$231.19.

**FUEL ADJUSTMENT CLAUSE:**

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

**DETERMINATION OF BILLING DEMAND:**

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

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

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

**TRANSFORMER OWNERSHIP:**

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$0.326 per kW will apply to the Facilities Charge.

**METERING ADJUSTMENT:**

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

**MINIMUM MONTHLY BILL:**

During any month in which service is rendered, the minimum monthly bill will be the Customer Charge plus the Demand Charge plus the Facilities 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 5% then applies.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 16th Revised Sheet No. 4

Canceling P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 4

For ALL TERRITORY

**LARGE POWER SERVICE  
SCHEDULE LP**

**AVAILABILITY:**

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

MONTHLY RATE:	Summer Season	Winter Season
CUSTOMER ACCESS CHARGE .....	\$ 232.39	\$ 232.39
<b>DEMAND CHARGE:</b>		
Per kW of Billing Demand .....	12.85	7.10
<b>FACILITIES CHARGE</b>		
per kW of Facilities Demand .....	1.547	1.547
<b>ENERGY CHARGE:</b>		
First 350 hours use of Metered Demand, per kWh .....	0.0629	0.0559
All additional kWh, per kWh .....	0.0341	0.0329

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

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

**FUEL ADJUSTMENT CLAUSE:**

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

**DETERMINATION OF BILLING DEMAND:**

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

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

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

**TRANSFORMER OWNERSHIP:**

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.321 per kW of facilities demand will apply, otherwise, Rider XC will apply, unless Customer supplies their own secondary facilities.

**SUBSTATION FACILITIES CREDIT:**

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

**METERING ADJUSTMENT:**

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

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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 6

Canceling P.S.C. Mo. No. 5 Sec. 2 14th Revised Sheet No. 6

For ALL TERRITORY

**FEED 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 Access Charge .....	\$ 25.94	\$ 25.94
The first 700-kWh, per kWh .....	0.1690	0.1690
Additional kWh, per kWh.....	0.1690	0.1536

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:**

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.

**FUEL ADJUSTMENT CLAUSE:**

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

**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.

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

DATE EFFECTIVE \_\_\_\_\_

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 15th Revised Sheet No. 7

Canceling P.S.C. Mo. No. 5 Sec. 2 14th Revised Sheet No. 7

For ALL TERRITORY

**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 ACCESS CHARGE.....	\$ 62.84	\$ 62.84
<b>DEMAND CHARGE:</b>		
Per kW of Billing Demand.....	3.10	2.54
<b>FACILITIES CHARGE</b>		
per kW of Facilities Demand.....	1.873	1.873
<b>ENERGY CHARGE:</b>		
First 150 hours use of Metered Demand, per kWh.....	0.0953	0.0729
Next 200 hours use of Metered Demand, per kWh.....	0.0747	0.0591
All additional kWh, per kWh.....	0.0676	0.0581

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 \$231.19.

**FUEL ADJUSTMENT CLAUSE:**

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

**DETERMINATION OF BILLING DEMAND:**

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

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

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

**TRANSFORMER OWNERSHIP:**

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$0.326 per kW will apply to the Facilities charge.

**METERING ADJUSTMENT:**

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

**MINIMUM MONTHLY BILL:**

During any month in which service is rendered, the minimum monthly bill will be the Customer charge plus the demand charge plus the Facilities 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 5% then applies.

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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 11th Revised Sheet No. 9

Canceling P.S.C. Mo. No. 5 Sec. 2 10th Revised Sheet No. 9

For ALL TERRITORY

SPECIAL 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 ACCESS CHARGE .....	\$ 231.18	\$ 231.18
ON-PEAK DEMAND CHARGE		
Per kW of Billing Demand .....	22.46	15.26
SUBSTATION FACILITIES CHARGE		
Per kW of Facilities Demand.....	0.451	0.451
ENERGY CHARGE, per kWh:		
On-Peak Period.....	0.0483	0.0343
Shoulder Period .....	0.0390	
Off-Peak Period.....	0.0301	0.0284

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year. The On-Peak hours will be weekdays, excluding holidays, from 12:00 p.m. through 7:00 p.m. during the Summer Season and 6:00 a.m. through 10:00 p.m. during the Winter Season. The Shoulder hours will be weekends from 12:00 p.m. through 9:00 p.m. and weekdays from 9:00 a.m. through 12:00 p.m. and 7:00 p.m. through 10:00 p.m. during the Summer Season. All other hours are Off-Peak. Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, as specified by the North American Electric Reliability Council (NERC).

**FUEL ADJUSTMENT CLAUSE:**

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

**DETERMINATION OF 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.

**CURTAILMENT LIMITS:**

The number of Curtailment Events in a Curtailment Year shall be no more than thirteen (13). Each Curtailment Event shall be no less than two or no more than eight consecutive hours and no more than one occurrence will be required per day unless needed to address a system reliability event. The cumulative hours of curtailment per Customer shall not exceed one hundred hours (100) during each Curtailment Year. The Curtailment Contract Year shall be June 1 through May 31.

**DETERMINATION OF BILLING DEMAND:**

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. In no event shall the 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.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly "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 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. Where service is metered at substation voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0086.

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

DATE EFFECTIVE \_\_\_\_\_

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 6th Revised Sheet No. 9a

Canceling P.S.C. Mo. No. 5 Sec. 2 5th Revised Sheet No. 9a

For ALL TERRITORY

SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR  
SCHEDULE SC-P

MINIMUM MONTHLY BILL:

The net minimum bill after any interruptible credits shall be the Customer Charge plus any Substation Facilities Charge plus any Demand Charges applicable to the current MFD. In no event shall the interruptible credit be greater than the Demand Charge.

The CPD shall be specified in the contract. The contract shall also specify an amount of kW demand which PRAXAIR can curtail or otherwise not cause to be placed on the Company's system by PRAXAIR agreeing to a maximum level of demand during periods of requested interruption. This Maximum Firm Demand ("MFD") of PRAXAIR shall be specified in the contract. The MFD shall be the level of demand which PRAXAIR agrees not to exceed during periods of requested interruption in return for receiving credits under this Schedule. For verification purposes, PRAXAIR shall be required to demonstrate, at the Company's request, its ability to curtail its operations to the MFD level. The difference between the CPD and the MFD, to be known as the Interruptible Demand ("ID"), expressed in kW, shall be the demand upon which credits under this Schedule shall be available to PRAXAIR.

Praxair shall be permitted to specify two sets of seasonal CPD's and MFD's. However the CPD's and MFD's must be specified in a manner that the numerical resultant "ID" amount is the same in each season.

DEMAND REDUCTION:

Company-initiated interruptions under this Schedule shall be initiated by a designated Company representative contacting PRAXAIR by telephone. The Company shall give PRAXAIR a notice prior to demand reduction, as specified in the contract. The Company will not request more hours of interruption over each 12 month period, starting with June 1 of each year than is specified in the contract.

PRAXAIR shall receive a credit on the monthly bill during the appropriate months of the contract year for the appropriate ID amount multiplied by the appropriate credit amount specified in this Schedule, providing that all conditions of this Schedule are met.

The failure of PRAXAIR during a period of requested interruption to keep its demand at or below the MFD, shall result in the following consequences:

1. The MFD shall be increased to equal the actual demand placed on Company's system during the requested interruption;
2. The ID specified above shall be decreased to equal the amount of the CPD minus the new MFD established during the called-for interruption;
3. The foregoing changes shall be effective prospectively for the remainder of that contract term;
4. Customer shall refund to Company (or Company may offset from future credits) any interruptible credits received under the current contract an amount equal to the change in ID times 150% of the contract rate times the number of months the current contract has been in effect.

The Company recognizes that Customer's effectuation of interruption is dependent upon Customer's electronic measurement and/or control equipment which may malfunction through no fault or error of Customer. Should noncompliance or partial noncompliance with a requested interruption result from the reasonably unforeseeable malfunction or dysfunction of electronic measurement and/or control equipment installed at Customer's facility, the Company shall have discretion, following a reasonable investigation and verification of the cause of such noncompliance, to offer to charge the Customer any incremental annual capacity costs plus any incremental energy costs incurred by the Company for load levels in excess of the MFD during the interruption in lieu of invoking any of the above penalty provisions or adjustments to the contract.

In the event that the Customer should experience an unplanned plant shutdown due to an unexpected catastrophic-type failure of its equipment which lasts longer than seven consecutive days in a single billing period, Company will make a temporary proration of Customer's bill based on the actual number of days that the plant operated during the billing period. Said proration will be based on the same calculations used by Company to issue initial bills and final bills. No more than one such proration shall be made in any contract year, nor shall the proration be made for a period which exceeds 30 calendar days. Such proration, however, may be split between two consecutive billing periods. It shall be Customer's responsibility to notify Company as soon as possible, but no later than 30 days of such an event which would cause this proration to take place. No retroactive proration will be made for plant shutdowns occurring more than thirty days prior to Empire's receipt of said notice from Customer.

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ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 8th Revised Sheet No. 9b

Canceling P.S.C. Mo. No. 5 Sec. 2 7th Revised Sheet No. 9b

For ALL TERRITORY

**SPECIAL TRANSMISSION SERVICE CONTRACT: PRAXAIR  
SCHEDULE SC-P**

**SUBSTATION FACILITIES CHARGE:**

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

**PAYMENT:**

The above rate applies only if the bill is paid on or before fifteen (15) days after the date thereof. If not so paid, the above rate plus 5% then applies.

**MONTHLY CREDIT:**

A monthly credit of \$3.76 on demand reduction per kW of contracted interruptible demand for substation metered Customers 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.

**SPECIAL CONDITIONS OF SERVICE:**

1. The minimum ID shall be at least 5600 kW.
2. The Company will give Customer a minimum of 30 minutes notice prior to demand reduction.
3. The Company may request a demand reduction on any day.
4. This schedule, SC-P, is available for service to Praxair, Inc. only in the event there is a contract for power service in effect between the Company and Praxair, Inc.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 10th Revised Sheet No. 13

Canceling P.S.C. Mo. No. 5 Sec. 2 9th Revised Sheet No. 13

For ALL TERRITORY

**SPECIAL 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 ACCESS CHARGE .....	\$ 231.18	\$ 231.18
ON-PEAK DEMAND CHARGE		
Per kW of Billing Demand .....	22.46	15.26
SUBSTATION FACILITIES CHARGE		
Per kW of Facilities Demand.....	0.451	0.451
ENERGY CHARGE, per kWh:		
Peak Period.....	0.0483	0.0343
Shoulder Period .....	0.0390	
Off-Peak Period.....	0.0301	0.0284

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.

**FUEL ADJUSTMENT CLAUSE:**

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

**DETERMINATION OF BILLING DEMAND:**

The monthly "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. 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.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly "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 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. Where service is metered at substation voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying kilowatts and kilowatt-hours by 1.0086.

**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 Facilities Charge.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 3 16th Revised Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. 3 15th Revised Sheet No. 1

For ALL TERRITORY

**MUNICIPAL 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	Watts
<b>Incandescent Lamp Sizes (No New Installation Allowed)</b>			
4,000 lumen .....	\$ 61.48	1,088	
10,000 lumen .....	126.51	2,331	
<b>Mercury-Vapor Lamp Sizes:</b>			
7,000 lumen .....	83.50	784	175
11,000 lumen .....	100.22	1,186	250
20,000 lumen .....	143.48	1,868	400
53,000 lumen .....	242.07	4,475	1000
<b>High-Pressure Sodium-Vapor Lamp Sizes (Lucalox, etc.):</b>			
6,000 lumen .....	78.25	374	70
16,000 lumen .....	97.95	694	150
27,500 lumen .....	127.48	1,271	250
50,000 lumen .....	181.67	1,880	400
130,000 lumen .....	293.17	4,313	1000
<b>Metal Halide Lamp Sizes:</b>			
12,000 lumen .....	122.45	696	175
20,500 lumen .....	150.07	1,020	250
36,000 lumen .....	200.75	1,620	400
110,000 lumen .....	443.62	4,056	1000

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

**FUEL ADJUSTMENT CLAUSE:**

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

**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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 3 7th Revised Sheet No. 1a

Canceling P.S.C. Mo. No. 5 Sec. 3 6th Revised Sheet No. 1a

For ALL TERRITORY

MUNICIPAL STREET LIGHTING SERVICE  
SCHEDULE SPL

**MUNICIPALITY OWNERSHIP:**

If the Municipality owns the Street Lighting System, the Company will furnish electric energy, will inspect street lights, replace broken lamps or glassware, specialty or decorative glass excluded, and repaint steel poles when necessary. However, replacement or repairs to poles, conduit, cable overhead conductors or fixtures other than glassware shall be paid for by the Municipality.

**COMPANY OWNERSHIP - FACILITIES USAGE CHARGE:**

When, by agreement with the Municipality, the Company shall install, own, operate and maintain street lights served under this schedule or is required to provide special or excessive electric facilities to serve Municipality-owned street lighting systems served under this schedule, a separate agreement shall be executed by and between the Municipality and the Company setting forth the investment in such street lighting facilities and a Facilities Usage Charge in the amount of .75% per month of such investment. The Facilities Usage Charge shall be payable by the Municipality to the Company in the manner prescribed in the aforementioned separate agreement and in addition to the Annual Street Lighting Charge as set forth herein.

**MINIMUM:**

The total annual net amount of the Annual Street Lighting Charge, plus the Facilities Usage Charge, shall not be less than an amount equal to twelve times the total of charges to the Municipality for street lighting service for the calendar month prior to the date of the contract.

**PAYMENT:**

All bills shall be rendered monthly and shall be payable on or before the 25th day of each month succeeding the month during which service was rendered.

**CONDITIONS OF SERVICE:**

1. All lamps shall burn every night from dusk to dawn, subject to a reasonable maintenance schedule.
2. The character of street lighting circuit (series or multiple) shall be determined by the Company.
3. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

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ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 3 20th Revised Sheet No. 2

Canceling P.S.C. Mo. No. 5 Sec. 3 19th Revised Sheet No. 2

For ALL TERRITORY

PRIVATE LIGHTING SERVICE  
SCHEDULE PL

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

MONTHLY RATE:

	<u>Per Lamp</u>	<u>Monthly kWh</u>	<u>Watts</u>
<b>STANDARD STREET LIGHTING CONSTRUCTION:</b>			
Mercury-Vapor Lamp Sizes (No new installations allowed):			
6,800 lumen .....	\$ 14.81	65	175
20,000 lumen .....	24.65	156	400
54,000 lumen .....	47.25	373	1000
Sodium-Vapor Lamp Sizes:			
6,000 lumen .....	13.68	31	70
16,000 lumen .....	19.90	58	150
27,500 lumen .....	28.77	106	250
50,000 lumen .....	33.36	157	400
Metal Halide Lamp Sizes:			
12,000 lumen .....	23.07	59	175
20,500 lumen .....	30.79	85	250
36,000 lumen .....	34.55	135	400
 <b>STANDARD FLOOD LIGHTING CONSTRUCTION:</b>			
Mercury-Vapor Lamp Sizes (No new installations allowed):			
20,000 lumen .....	34.55	156	400
54,000 lumen .....	57.04	373	1000
Sodium-Vapor Lamp Sizes:			
27,500 lumen .....	33.47	106	250
50,000 lumen .....	45.90	157	400
140,000 lumen .....	67.07	359	1000
Metal Halide Lamp Sizes:			
12,000 lumen .....	23.69	59	175
20,500 lumen .....	31.69	85	250
36,000 lumen .....	46.73	135	400
110,000 lumen .....	68.28	338	1000

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

Regular wood pole, per month .....	\$ 1.90
Transformer .....	1.90
Guy and anchor, per month .....	1.90
Overhead conductor, three wire, per foot, per month .....	0.018
Other (miscellaneous) per month .....	1.5% of the estimated installed cost thereof

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

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

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

P.S.C. Mo. No. 5 Sec. 3 15th Revised Sheet No. 3

Canceling P.S.C. Mo. No. 5 Sec. 3 14th Revised Sheet No. 3

For ALL TERRITORY

**SPECIAL 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 ..... \$ 0.1638  
For all additional kWh used, per kWh..... 0.1284

**MINIMUM:**

The net monthly minimum charge for any month during which electrical energy is used will be \$43.77.

**FUEL ADJUSTMENT CLAUSE:**

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

**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.

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 3 15th Revised Sheet No. 4

Canceling P.S.C. Mo. No. 5 Sec. 3 14th Revised Sheet No. 4

For ALL TERRITORY

MISCELLANEOUS 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 \$ 18.30 For all energy used, per kWh \$ 0.0954

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

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

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8a.1

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8a.1

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

C. Missouri Commercial and Industrial Facility Rebate Program (Continued)

- 2. Custom Rebates are available to all Participants. The Custom Rebates will be individually determined and analyzed to ensure that the proposed measure passes the Societal Benefit/Cost Test at a test result of 1.05 or higher. Once it is determined that the proposed measure passes the above test, the rebate will be calculated as the lesser of (1) a buydown to a two-year payback, (2) Fifty (50) percent of the incremental cost, or (3) Fifty (50) percent of lifecycle avoided demand and energy costs. A customer may submit multiple rebate applications for different measures. Each individual measure will be evaluated on its own merits. Similar measures that are proposed in different facilities or buildings will be evaluated separately. Customers may apply for Custom Rebates on-line at the Company website, [www.empiredistrict.com](http://www.empiredistrict.com), or they may request an application by calling 417.625.6519.
- 3. Empire will offer rebates to Participants to cover up to fifty percent (50%) of the cost of an energy audit. To receive this rebate, the Participant must implement at least one of the audit recommendations that qualify for a rebate. The energy audit rebate will be set at 50% of the audit cost up to three hundred dollars (\$300) for customers with facilities less than 25,000 square feet and up to five hundred dollars (\$500) for customers with facilities over 25,000 square feet. Energy audits must be performed by a certified (CEM, licensed PE, or equivalent) commercial energy auditor. Customers with multiple buildings will be eligible for multiple audit rebates.
- 4. The maximum amount per customer, including those with multiple facilities or buildings, is \$20,000 in incentives for any program year.

EVALUATION:

A process evaluation could be conducted at the beginning of the third year of implementation.

PROGRAM FUNDING:

To the extent that the annual funds contributed exceeds the total cost expended on the program, the amount of excess shall be "rolled over" to be utilized for the Missouri Commercial and Industrial Facility Rebate Program in the succeeding year; however any remaining unused funds at the end of 2014 shall be made available for other energy efficiency programs. Annual funds available for this program are as follows:

<u>Year</u>	<u>Total</u>
2010	\$412,500
2011	\$414,000
2012	\$414,000
2013	\$414,000

Projects that have been approved may be scheduled in the succeeding program year but not beyond the end of 2014.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 6th Revised Sheet No. 8b

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

For ALL TERRITORY

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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

Canceling P.S.C. Mo. No. 5 Sec. 4 3rd Revised Sheet No. 8c

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

E. Weatherization Program

APPLICATION:

The Residential Weatherization Program (Program) is designed to provide energy education and weatherization assistance, primarily for lower income customers. This Program is intended to assist customers through conservation, education and weatherization in reducing their use of energy and to reduce the level of bad debts experienced by The Empire District Electric Company (Company). The Company's participation in such financial incentives is limited to the funds allocated for that purpose and approved by the Customer Program Collaborative (CPC) pursuant to the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0263.

ADMINISTRATION:

The program will be administered by the Economic Security Corporation, the Ozark Area Community Action Corporation and the West Central Missouri Community Action Agency, also known in this tariff as Social Agencies, in accordance to an established formula. This formula, calculated by DNR-Energy Center, allocates the dollars between the Social Agencies based on the total Empire accounts enrolled with Social Agency and the percentage of households in poverty within the Social Agency's service region. The formula is: (% of total Empire accounts by Social Agency times 1/2 of the annual funds available to the Social Agencies) plus (% of estimated poverty households accounts by Social Agency times 1/2 of the annual funds available to the Social Agencies).

TERMS & CONDITIONS:

1. The program will offer grants for weatherization services to eligible customers. The program will be primarily directed to lower income customers.
2. The total amount of grants offered to a customer will be determined by the agreement between the Company and the Social Agencies. The total amount of grants to a customer is expected to average \$1,200 (escalated by \$50 per year) with a maximum per customer of \$1,800 (escalated by \$50 per year). These funds will focus on measures that reduce electricity usage associated with electric heat, air conditioning, refrigeration, lighting, etc. Of the total funds allocated, the Social Agencies may spend up to \$200 toward the purchase of an Energy Star® rated refrigerator and \$100 toward the purchase of Energy Star® compact fluorescent lights (CFL) and lighting fixtures per home.
3. Program funds made available to the Social Agencies cannot be used for administrative costs except those incurred by the Social Agencies that are directly related to qualifying and assisting customers under this program. The amount of reimbursable administrative costs per participating household shall not exceed 15% of the total expenditures for each participating household.
4. Social Agencies and Company agree to consult with Staff, Public Counsel, Department of Natural Resources, and other members of the CPC during the term of the Program.
5. This Program will continue for five years from the effective date of this tariff, unless otherwise ordered by the Commission. With the assistance of Social Agencies, the Company shall submit a report on the Program to the Staff, the Office of Public Counsel, the Department of Natural Resources Energy Center and other members of the CPC on or before April 16, 2007 and on the same date for each succeeding year in which the Program continues. Each report will address the progress of the Program, and provide an accounting of the funds received and spent on the Program during the preceding calendar year. The report will include the following information with breakdowns for each of the participating social agencies:
  - a. Program funds provided by Company.
  - b. Amount of Program funds, if any, rolled over from previous year.
  - c. Amount of administrative funds retained by the social agency.
  - d. Number of weatherization jobs completed and total cost (excluding administrative funds) of jobs completed.
  - e. Number of weatherization jobs "in progress" at the end of the calendar year.
  - f. Number, type and total cost of baseload measures (non-heating) installed.

The report shall be subject to audit by the Commission Staff and Public Counsel.

PROGRAM FUNDING:

To the extent that the annual funds contributed exceeds the total cost expended on the Program, the amount of the excess shall be "rolled over" to be utilized for the Weatherization Program in the succeeding year. Annual funds available to the Social Agencies for this Program are as follows:

2010	\$201,300	2012	\$226,430
2011	\$226,430	2013	\$226,430

If one of the Social Agencies is unable to place the total dollars allocated, the unspent funds may be reallocated among the remaining Social Agencies.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8c.1

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8c.2

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8c.2

For ALL TERRITORY

PROMOTIONAL PRACTICES SCHEDULE PRO
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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 2nd Revised Sheet No. 8d

Canceling P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8d

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

F. Low-Income New Home Program

APPLICATION:

The Low-Income New Home Program (Program) is designed to promote energy efficiency in affordable new homes for low income customers served under The Empire District Electric Company's ("Company") Residential Service Schedule RS. This Program is intended as a partnership between the Company and non-profit organizations, including Habitat for Humanity, and local government community development organizations (Organizations). The Company's participation in such financial incentives is limited to the funds allocated for that purpose and approved by the Customer Program Collaborative (CPC) pursuant to the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0263.

ADMINISTRATION:

The Company will administer the program, but will rely on the Organization submitting the application to qualify the home-buyer as low-income according to local standards.

TERMS & CONDITIONS:

1. The Program will provide financial incentives for increased energy efficiency in the building shell insulation and for high-efficiency central air conditioners (CAC), heat pumps (HP), refrigerators, and lighting fixtures. This Program is specifically directed toward the low-income community. The Program applies to single unit residences and multi-unit housing, which for the first program year will be limited to duplex units.
2. The total available incentive per residential unit is \$1,100 with an assumed average of \$500. This incentive may be a combination of any of the following:
  - a. The financial incentive for the CAC or HP with a SEER of 14 or greater will be set at the full incremental cost for the unit, up to a maximum of \$400. The incremental cost is based on a 13 SEER unit. The HP incentive will be the same as an incentive for a CAC with the equivalent SEER.
  - b. Up to \$200 may be allocated toward the purchase of, or the upgrade to, a higher efficiency model of an Energy Star® rated refrigerator.
  - c. Up to \$100 may be allocated toward the purchase of Energy Star® rated lighting fixtures.
  - d. Of the total funds allocated, an incentive of full incremental cost is available for improvements in the building shell as shown below.
    - i. Attic insulation of R-38 or higher with baseline of R-30 for incentives, and/or
    - ii. Exterior wall insulation of R-19 or better with a baseline of R-13, and/or
    - iii. Floor insulation of R-19 or better with a baseline of R-13.
3. Funds will be available on a "first-come, first-served" basis until the annual funds have been exhausted. Funding to the Organization will occur upon the receipt and review of paid invoices. An Organization must notify the Company of its intent to participate in this program prior to purchasing materials by completing the Notice of Intent and returning it as indicated on the form. This form may be obtained by calling 417-625-6519 or 1-800-639-0077 extension 6519.
4. This Program will continue for five years, unless otherwise ordered by the Commission. The first Program Year will begin with the original effective date of this tariff sheet.

EVALUATION:

A process evaluation could be conducted at the beginning of the third year of implementation at a cost of an additional 10% of the third year expenditures, i.e. \$1,050.

PROGRAM FUNDING:

Annual funds of \$5,000 will be available to the Organizations for this Program. To the extent that the annual funds contributed exceed the total cost expended on the program, the amount of the excess shall be "rolled over" to be utilized for the Low-Income New Home Program in the succeeding year. Any unused Marketing funds may be redirected for use as Financial Incentives as provided above in the Terms & Conditions. Any excess funds at the end of the program will be re-allocated to other programs by the CPC.

2010	\$10,500	2011	\$10,500	2012	\$10,500	2013	\$10,500
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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8f

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8f

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

G. High Efficiency Residential Central Air Conditioning Rebate Program (Continued)

PROGRAM FUNDING:

To the extent that the annual Program funding exceeds the total cost expended on the Program during a program year, the excess funds shall be "rolled over" to be utilized for the Program in the succeeding program year; however, any remaining unused funds at the end of 2014 shall be made available for other energy efficiency programs. The annual funding available for this Program is as follows:

<u>Year</u>	<u>Customer Incentives</u>	<u>Total Program Funds</u>
2010	\$312,000	\$379,500
2011	\$312,000	\$382,000
2012	\$312,000	\$382,000
2013	\$312,000	\$382,000

Individual participant projects that have been approved for rebate consideration may be scheduled in the succeeding program year, but not beyond the end of 2014.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8g

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8g

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

**I. Building Operator Certification**

**APPLICATION:**

This program is designed to encourage building operator certification through the Northwest Energy Efficiency Council's Building Operator Certification ("BOC" or "Program") curriculum. This curriculum consists of Level 1 and Level 2 programs which are geared toward the operators of institutional, commercial, and industrial facilities. The Empire District Electric Company ("Empire" or "Company") will, in collaboration with the Missouri Department of Natural Resources, Energy Center ("MDNR-EC") and the Midwest Energy Efficiency Alliance ("MEEA"), offer this program to Company's commercial and industrial customers. This group of customers excludes the Large Power ("LP") class. The Company's participation in such financial incentives is limited to the resources allocated for that purpose and approved by the Customer Program Collaborative ("CPC") pursuant to the Stipulation and Agreement approved by the Missouri Public Service Commission ("Commission") in Case No. EO-2005-0263.

**DEFINITIONS:**

*Administrator:* The Program will be administered by the MDNR-EC.

*Participant:* Missouri electric commercial or industrial customers being served by the Company under the CB, SH, TEB, PFM, or GP rate schedules. The individual(s) participating can be management or individuals responsible for the day-to-day operations of the participating customer's facility.

**TERMS AND CONDITIONS:**

The BOC Program is designed to provide training classes leading to the opportunity for building operator certification as defined in an agreement between Company and MDNR-EC.

Company will reimburse DNR-EC for certain expenses associated with the certification classes and process.

Tuition costs associated with the Program will be reimbursed by Company in the amount of \$575 per certification level and will be paid to the sponsor or individual paying the tuition after certification has been obtained. Qualified Building Operators will receive the reimbursement when a completed reimbursement request is submitted to Company and certification has been obtained. The reimbursement request is available by contacting the Company's Planning and Regulatory Department.

**AVAILABILITY:**

The certification courses funded by this Program will be available through MDNR-EC for any Building Operator or manager responsible for the operations of at least one Missouri facility receiving electric service from Company. This facility must be receiving service from Company under either the CB, SH, TEB, PFM, or GP rate schedule.

**EVALUATION:**

An initial evaluation of the Program based on the first two program years will be conducted during the third program year, unless the CPC approves delaying the evaluation.

**PROGRAM FUNDING:**

To the extent that the annual Program budget exceeds the total cost expended on the Program during a program year, the excess resources shall be made available for use in the succeeding Program year; however, any unused resources at the end of the fifth year of the Program shall be made available for use in Company's other energy efficiency programs in effect at the end of 2014. The annual operating budget approved by the CPC for this Program is as follows:

<u>Year</u>	<u>Total Program Budget</u>
2010	\$36,850
2011	\$34,500
2012	\$34,500
2013	\$34,500

Certification schedules that carry-over into the next year will be paid.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8h

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8h

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

**I. ENERGY STAR NEW HOMES**

**APPLICATION:**

This program is designed to encourage the construction of homes to meet the ENERGY STAR® Homes guidelines. The Empire District Electric Company's ("Empire" or "Company") participation in such financial incentives is limited to the resources allocated for that purpose and approved by the Customer Program Collaborative ("CPC") pursuant to the Stipulation and Agreement approved by the Missouri Public Service Commission ("Commission") in Case No. EO-2005-0263.

**DEFINITIONS:**

*Administrator:* The ENERGY STAR New Homes Program ("ESNH") will be administered by Empire.

*Participant:* Residential builders and retailers/detailers of modular and manufactured homes in the Company's Missouri service territory along with individuals trained and certified as Home Energy Raters.

**TERMS AND CONDITIONS:**

Residential builders, subcontractors, and retailers/dealers who wish to participate in the program must meet all guidelines of the federal ENERGY STAR Homes program.

Additional program details may be found at [www.energystar.gov](http://www.energystar.gov) and clicking on New Homes or by going directly to the New Homes section at [http://www.energystar.gov/index.cfm?c=new\\_homes.hm\\_index](http://www.energystar.gov/index.cfm?c=new_homes.hm_index).

Empire will provide incentives of up to \$400 to the Home Energy Raters which will reduce the cost of the home energy audits. The Rater may invoice Empire at the end of the project or for each of the two audits.

Empire will also provide incentives to the builders that will reduce the additional cost of building to ENERGY STAR guidelines. The builder incentive will be in the amount of \$800 and will be paid after the home is declared to be an ENERGY STAR Qualified Home.

**AVAILABILITY:**

Participation in the ESNH program is open to building contractors of residences and to retailers/dealers who sell modular and manufactured homes that will take service from Empire in its Missouri service territory. It is also available to persons certified as Home Energy Raters.

**EVALUATION:**

An initial evaluation of the Program based on the first two program years will be conducted during the third program year, unless the CPC approves delaying the evaluation.

**PROGRAM FUNDING:**

To the extent that the annual Program budget exceeds the total cost expended on the Program during a program year, the excess resources shall be made available for use in the succeeding Program year; however, any unused resources at the end of 2014 shall be made available for use in Company's other energy efficiency programs in effect at the end of 2014. The annual operating budget approved by the CPC for this Program is as follows:

<u>Year</u>	<u>Total Program Budget</u>
2010	\$246,400
2011	\$338,800
2012	\$338,800
2013	\$338,800

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 8j

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 8j

For ALL TERRITORY

PROMOTIONAL PRACTICES  
SCHEDULE PRO

**J. Home Performance with ENERGY STAR® (continued)**

- 6.) Customers who choose the Consultant will select a contractor to be retained to complete the improvements specified by the Customer.
- 7.) Following the implementation of the improvements and at no additional cost to the Customer, the Contractor/Consultant will conduct a second Assessment to verify the work.
- 8.) Customers that choose to implement at least one of the recommended Qualifying Improvements may request from the Company a rebate of \$400 toward the cost of the Assessment and Qualifying Improvements .
- 9.) Qualifying Improvements exclude improvements associated with existing Company Programs. (i.e. High Efficiency Central A/C Program,) or improvements related to natural gas-only equipment.
- 10.) Customers will be required to complete a rebate request, available from the Contractor/Consultant or the company website, and submit a copy of the invoices associated with the Assessment and Qualifying Improvement(s).

**EVALUATION:**

Process and impact evaluations of the Program based on the first two program years will be conducted during the third program year, unless the CPC approves delaying the evaluation.

**PROGRAM FUNDING:**

To the extent that the annual Program budget exceeds the total cost expended on the Program during a program year, the excess resources shall be made available for use in the succeeding Program year; however, any unused resources at the end of 2014 shall be made available for use in Company's other energy efficiency programs in effect at the end of 2014. The annual operating budget approved by the CPC for this Program is as follows:

<u>Year</u>	<u>Total Program Budget</u>
2010	\$ 95,500
2011	\$115,000
2012	\$115,000
2013	\$115,000

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 6th Revised Sheet No. 9

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For ALL TERRITORY

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 17d

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17d

For ALL TERRITORY

**FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC**  
For service in Accumulation Periods after September 10, 2010; and for service in that portion of Accumulation Period 5 on and after September 10, 2010 and prior to Month Day, 2011.

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

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

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

**DEFINITIONS**

**ACCUMULATION PERIOD:**

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

**RECOVERY PERIOD:**

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

**COSTS:**

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

**BASE COST:**

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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

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Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17e

For ALL TERRITORY

**FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC**  
For service in Accumulation Periods after September 10, 2010; and for service in that portion of Accumulation Period 5 on and after September 10, 2010 and prior to Month Day, 2011.

**APPLICATION**

**FUEL ADJUSTMENT CLAUSE**

The average price per kWh of electricity generated or purchased will be adjusted subject to application of the FAC, and approved by the Public Service Commission. The price will reflect 95 percent of the accumulation period costs either above or below base costs specified below for:

1. Fuel and AQCS consumables consumed in Company electric generating plants;
2. Purchased energy (excluding demand);
3. Off-system sales revenue;
4. Emission allowance costs and revenues; and
5. Renewable energy credit revenues.

It will also include:

6. An adjustment for the prior recovery period's over/under recovery of FAC Costs;
7. Interest at a rate equal to the Company's short-term interest rate will be applied to the average monthly deferred electric energy costs and will be accumulated during the accumulation period. Deferred electric energy cost shall be determined monthly. The monthly deferred amount may be negative or positive during the accumulation period.

The formula and components are displayed below.

$$FAC = \{[(F + P + E - O - R - B) * J] * 0.95\} + C + I$$

Where:

F = Actual total cost of fuel - FERC Accounts 501 & 547, and AQCS consumables - FERC Account 506.2.

P = Actual total net system input cost of purchased energy - FERC Account 555 (excluding purchase power demand charges).

E = Actual total system net emission allowance cost and revenues - FERC Accounts 509 & 254.103.

O = Actual total system off-system sales revenue.

B = Base cost of fuel and purchased power energy calculated as follows:

- |   |                           |
|---|---------------------------|
| 1. For the months of June through September | B = (NSI kWh * \$0.03182) |
| 2. For all other months                     | B = (NSI kWh * \$0.02857) |

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 17f

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17f

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC  
For service in Accumulation Periods after September 10, 2010; and for service in that portion of Accumulation Period 5 on and after September 10, 2010 and prior to Month Day, 2011.

- R = Renewable energy credit revenues.
- J = Missouri energy ratio calculated as follows:

$$\text{Missouri energy ratio} = \frac{\text{Missouri retail kWh sales}}{\text{Total system kWh sales}}$$

Where Total system kWh sales excludes off-system sales.

- C = True-up of over/under recovery of FAC balance from prior recovery period as included in the deferred energy cost balancing account. This factor will reflect any modifications made due to prudence reviews.
- I = Interest.

**COST ADJUSTMENT FACTOR**

The CAF is the result of dividing the FAC by estimated recovery period Missouri net system input (NSI) kWh, rounded to the nearest \$.00000. The CAF shall be adjusted to reflect the differences in line losses that occur at primary and above voltage and secondary voltage by multiplying the average cost at the generator by 1.0502 and 1.0686, respectively. Any CAF authorized by the Commission shall be billed based upon customers' energy usage on and after the authorized effective date of the CAF. The formula and components are displayed below.

$$\text{CAF} = \frac{\text{FAC}}{\text{S}}$$

Where:

S = Forecasted Missouri NSI kWh for the recovery period. Missouri NSI kWh is calculated as:

$$\text{Missouri NSI} = \text{Forecasted NSI} * \frac{\text{Forecasted Missouri retail kWh sales}}{\text{Forecasted total system kWh sales}}$$

Where Forecasted Total System kWh Sales excludes off-system sales

**PRUDENCE REVIEW**

There shall be a periodic review of fuel and energy costs subject to the FAC and a comparison of the FAC revenue collected. Prudence reviews shall occur no less frequently than at eighteen (18) month intervals.

**TRUE-UP OF FAC**

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 2nd Revised Sheet No. 17g

Canceling P.S.C. Mo. No. 5 Sec. 4 1st Revised Sheet No. 17g

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC  
For service in Accumulation Periods after September 10, 2010; and for service in that portion of Accumulation Period 5 on and after September 10, 2010 and prior to Month Day, 2011.

ACCUMULATION PERIOD ENDING, (Feb 28, 2011)

1.	Total energy cost (F + P + E – O - R)	\$80,289,219
2.	Base energy cost (B)	\$78,376,098
3.	Missouri energy ratio (J)	0.8228
4.	Fuel cost recovery [(F + P + E – O - R) – B] * J * 0.95	\$1,524,771
5.	Adj for over/under recovery for the recovery period ending 11-30-2010(C)	\$319,884
6.	Interest (I)	\$28,743
7.	Fuel Adjustment Clause (FAC)	\$1,873,398
8.	Forecasted Missouri NSI for the recovery period (S)	2,286,745,550
9.	Cost Adjustment Factor (CAF) to be applied to bills beginning 06-01-2011	\$0.00082 / kWh
10.	CAF - Primary and above (Line 9 x Primary Expansion Factor)	\$0.00086 / kWh
11.	CAF - Secondary (Line 9 x Secondary Expansion Factor)	\$0.00088 / kWh

Primary Expansion Factor = 1.0502  
Secondary Expansion Factor = 1.0686

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17h

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ \_\_\_\_\_ Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
 SCHEDULE FAC  
 For service on and after Month Day, 2011.

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

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

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

**DEFINITIONS**

**ACCUMULATION PERIOD:**

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

**RECOVERY PERIOD:**

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

**BASE ENERGY COST:**

Base Energy Cost in this FAC are calculated using the costs included in the revenue requirement upon which Empire's general rates are set for fuel including the costs associated with the Company's fuel hedging program; purchased power energy charges, including applicable transmission fees; Southwest Power Pool variable costs, Air Quality Control System consumables, such as anhydrous ammonia, limestone, and powder activated carbon, and emission allowance costs, but not purchased power demand costs as off-set by off-system sales revenue, any emission allowance revenues, and renewable energy credit revenues in the accumulation period.

**BASE ENERGY COST PER kWh:**

Base energy cost per kWh at the generator, established in the most recent base rate case. The base energy cost per kWh is \$0.02823 for each accumulation period.

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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17i

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC  
For service on and after Month Day, 2011.

**APPLICATION**

**FUEL ADJUSTMENT CLAUSE**

The average price per kWh of electricity generated or purchased will be adjusted subject to application of the FAC, and approved by the Public Service Commission. The price will reflect 95 percent of the accumulation period costs either above or below base costs specified below for:

1. Fuel and AQCS consumables consumed in Company electric generating plants;
2. Purchased energy (excluding demand);
3. Off-system sales revenue;
4. Emission allowance costs and revenues; and
5. Renewable energy credit revenues.

It will also include:

6. An adjustment for the prior recovery period's over/under recovery of FAC Costs;
7. Interest at a rate equal to the Company's short-term interest rate will be applied to the average monthly deferred electric energy costs and will be accumulated during the accumulation period. Deferred electric energy cost shall be determined monthly. The monthly deferred amount may be negative or positive during the accumulation period.

The formula and components are displayed below.

$$FAC = \{[(F + P + E - O - R - B) * J] * 0.95\} + C + I$$

Where:

- F = Actual total cost of fuel - FERC Accounts 501 & 547 (excluding fixed pipeline reservation charges and fixed pipeline storage charges), and AQCS consumables - FERC Account 506.2.
- P = Actual total system cost of purchased energy - FERC Account 555 (excluding purchase power demand charges).
- E = Actual total system net emission allowance cost and revenues - FERC Accounts 509 & 254.103.
- O = Actual total system off-system sales revenue.
- B = Base energy cost is calculated as follows:

1. For each accumulation period  $B = (NSI \text{ kWh} * \$0.02823)$

NSI = Actual net system input at the generation level for the accumulation period.

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17j

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
SCHEDULE FAC  
For service on and after Month Day, 2011.

R = Renewable energy credit revenues.

J = Missouri energy ratio calculated as follows:

$$\text{Missouri energy ratio} = \frac{\text{Missouri retail kWh sales}}{\text{Total system kWh sales}}$$

Where Total system kWh sales excludes off-system sales.

C = True-up of over/under recovery of FAC balance from prior recovery period as included in the deferred energy cost balancing account. This factor will reflect any modifications made due to prudence reviews.

I = Interest.

COST ADJUSTMENT FACTOR

The CAF is the result of dividing the FAC by estimated recovery period Missouri net system input (NSI) kWh, rounded to the nearest \$.00000. The CAF shall be adjusted to reflect the differences in line losses that occur at primary and above voltage and secondary voltage by multiplying the average cost at the generator by 1.0502 and 1.0686, respectively. Any CAF authorized by the Commission shall be billed based upon customers' energy usage on and after the authorized effective date of the CAF. The formula and components are displayed below.

$$\text{CAF} = \frac{\text{FAC}}{\text{S}}$$

Where:

S = Forecasted Missouri NSI kWh for the recovery period. Missouri NSI kWh is calculated as:

$$\text{Missouri NSI} = \text{Forecasted NSI} * \frac{\text{Forecasted Missouri retail kWh sales}}{\text{Forecasted total system kWh sales}}$$

Where Forecasted Total System kWh Sales excludes off-system sales.

PRUDENCE REVIEW

There shall be a periodic review of fuel and energy costs subject to the FAC and a comparison of the FAC revenue collected. Prudence reviews shall occur no less frequently than at eighteen (18) month intervals.

TRUE-UP OF FAC

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

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THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17k

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE  
 SCHEDULE FAC  
 For service on and after Month Day, 2011.

ACCUMULATION PERIOD ENDING, (Month, Day, Year)

1. Total energy cost (F + P + E - O - R)	\$XX,XXX,XXX
2. Base energy cost (B)	\$XX,XXX,XXX
3. Missouri energy ratio (J)	X.XXXX
4. Fuel cost recovery [(F + P + E - O - R) - B] * J * 0.95	\$XXX,XXX
5. Adj for over/under recovery for the recovery period ending 00-00-0000 (C)	\$X
6. Interest (I)	\$XX,XXX
7. Fuel Adjustment Clause (FAC)	\$XXX,XXX
8. Forecasted Missouri NSI for the recovery period (S)	X,XXX,XXX,XXX
9. Cost Adjustment Factor (CAF) to be applied to bills beginning 00-00-0000	\$(X.XXXXX) / kWh
10. CAF - Primary and above (Line 9 x Primary Expansion Factor)	\$(X.XXXXX) / kWh
11. CAF - Secondary (Line 9 x Secondary Expansion Factor)	\$(X.XXXXX) / kWh

Primary Expansion Factor = 1.0502  
 Secondary Expansion Factor = 1.0686

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