

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. A ~~27th-28th~~ Revised Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. A ~~26th-27th~~ Revised Sheet No. 1

For ALL TERRITORY

TABLE OF CONTENTS

SECTION A – TABLE OF CONTENTS FOR RATES AND RIDERS

SHEET NUMBER

SECTION B - DESCRIPTION OF TERRITORY

- 1. Territory Maps 1-15
- 2. Description of Missouri Service Territory 16-19
- 3. Territory Maps 20-26a

SECTION 1 - RESIDENTIAL SERVICE

- 1. Residential Service, Schedule RG 1
- 2. Reserved for Future Use 2-3

SECTION 2 - GENERAL SERVICE

- 1. Commercial Service, Schedule CB 1
- 2. Small Heating Service, Schedule SH 2
- 3. General Power Service, Schedule GP 3
- 4. Large Power Service, Schedule LP 4
- 5. Reserved for Future Use 5
- 6. Feed Mill and Grain Elevator Service, Schedule PFM 6
- 7. Total Electric Building Service, Schedule TEB 7
- 8. Reserved for Future Use 8
- 9. Special Transmission Service Contract: Praxair, Schedule SC-P 9
- 10. Reserved for Future Use 10-12
- 13. Special Transmission Service, Schedule ST 13
- 14. Reserved for Future Use 14

SECTION 3 - SPECIAL SERVICE

- 1. Municipal Street Lighting Service, Schedule SPL 1
- ~~2.~~ 2. LED Street Lighting Pilot - LED 1b
- ~~23.~~ Private Lighting Service, Schedule PL 2
- ~~34.~~ Special Lighting Service, Schedule LS 3
- ~~45.~~ Miscellaneous Service, Schedule MS 4
- ~~56.~~ Credit Action Fees, Schedule CA 5
- ~~67.~~ Reserved for Future Use 6-9

SECTION 4 - RIDERS

- 1. Special or Excess Facilities, Rider XC 1
- 2. Reserved for Future Use 2-3
- 4. Interruptible Service, Rider IR 4
- 5. Average Payment Plan, Rider AP 5
- 6. Cogeneration Purchase Rate, Schedule CP 6
- 7. Reserved for Future Use 7
- 8. Promotional Practices, Schedule PRO 8
- 9. Reserved for Future Use 9
- 10. Net Metering Rider, Rider NM 12
- 11. Fuel Adjustment Clause, Rider FAC 17
- 12. Optional Time of Use Adjustment, Rider OTOU 18
- 13. Empire's Action to Support the Elderly, Rider EASE 20
- 14. Reserved for Future Use 21
- 15. Economic Development, Rider EDR 22

SECTION 5 - RULES AND REGULATIONS

DATE OF ISSUE February 28, 2013
 ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 1 ~~17th-18th~~ Revised
 Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. 1 ~~16th-17th~~ 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	\$ 12.5218.75	\$ 12.5218.75
The first 600-kWh, per kWh	0. 114911840	0. 114911840
Additional kWh, per kWh	0. 114911834	0. 093409684

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

FUEL ADJUSTMENT CLAUSE:

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

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027-00043~~ per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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, are a part of this schedule.

DATE OF ISSUE February 28, 2013
 ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 1

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ 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 consistently 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.....	\$ <u>21.3232.00</u>	\$ <u>21.3232.00</u>
The first 700-kWh, per kWh.....	<u>0.423712567</u>	<u>0.423712567</u>
Additional kWh, per kWh.....	<u>0.423712561</u>	<u>0.444211311</u>

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

FUEL ADJUSTMENT CLAUSE:

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

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$~~0.00027~~0.0043 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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.

DATE OF ISSUE February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 2

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ 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 consistently 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	\$ <u>21.3232.00</u>	\$ <u>21.3232.00</u>
The first 700-kWh, per kWh	<u>0.119412408</u>	<u>0.119412408</u>
Additional kWh, per kWh	<u>0.119412281</u>	<u>0.089209261</u>

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

FUEL ADJUSTMENT CLAUSE:

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

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027~~00043 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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.

DATE OF ISSUE February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 3

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ 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	\$ 67.00 <u>76.00</u>	\$ 67.00 <u>76.00</u>
DEMAND CHARGE:		
Per kW of Billing Demand	7.070	5.510
FACILITIES CHARGE		
per kW of Facilities Demand.....	4.9984 <u>.533</u>	4.9984 <u>.533</u>
ENERGY CHARGE:		
First 150 hours use of Metered Demand, per kWh.....	0. 0870 <u>07871</u>	0. 0752 <u>06691</u>
Next 200 hours use of Metered Demand, per kWh	0. 0683 <u>05997</u>	0. 0649 <u>05357</u>
All additional kWh, per kWh.....	0. 0617 <u>05337</u>	0. 0614 <u>05307</u>

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

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.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027~~00043 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 \$0.348 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:

DATE OF ISSUE February 28, 2013 DATE EFFECTIVE April 1, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 3

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ Revised
Sheet No. 3

For ALL TERRITORY

GENERAL POWER SERVICE
SCHEDULE GP

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 February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~17th~~^{18th} Revised Sheet No. 4

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~16th~~^{17th} 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	\$ 247,733,790.00	\$ 247,733,790.00
DEMAND CHARGE:		
Per kW of Billing Demand	13.70	7.57
FACILITIES CHARGE		
per kW of Facilities Demand	1,6494.50	1,6494.50
ENERGY CHARGE:		
First 350 hours use of Metered Demand, per kWh	0.067406262	0.059605512
All additional kWh, per kWh	0.036303232	0.035003102

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.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027-00043~~ per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 \$0.342 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.

DATE OF ISSUE February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 6

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ 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.....	\$ 27-6576.40	\$ 27-6576.40
The first 700-kWh, per kWh	0. 480217291	0. 480217291
Additional kWh, per kWh	0. 480217291	0. 463715641

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.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027-00043~~ per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~16th-17th~~ Revised Sheet No. 7

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~15th-16th~~ 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	\$ 66.9962.00	\$ 66.9962.00
DEMAND CHARGE:		
Per kW of Billing Demand	3.30	2.71
FACILITIES CHARGE		
per kW of Facilities Demand.....	1.9974.60	1.9974.60
ENERGY CHARGE:		
First 150 hours use of Metered Demand, per kWh.....	0. 104609278	0. 077706888
Next 200 hours use of Metered Demand, per kWh	0. 079606615	0. 063004955
All additional kWh, per kWh.....	0. 072405865	0. 061904845

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

FUEL ADJUSTMENT CLAUSE:

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

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00927-00043~~ per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 \$0.348 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 February 28, 2013 DATE EFFECTIVE April 1, 2013
 ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~12th-13th~~ Revised Sheet No. 9

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~11th-12th~~ 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	\$ 246.472,450.00	\$ 246.472,450.00
ON-PEAK DEMAND CHARGE		
Per kW of Billing Demand	23.95	16.27
SUBSTATION FACILITIES CHARGE		
Per kW of Facilities Demand.....	0.4814.50	0.4814.50
ENERGY CHARGE, per kWh:		
On-Peak Period	0.051504528	0.036503028
Shoulder Period	0.041603538	
Off-Peak Period	0.032102588	0.030302408

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.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$~~0.00027-00043~~ per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 ~~fifty (50) hours through October 31, 2016, after which the maximum number of hours of interruption for the November 1, 2016 to October 31, 2017 contract year will be seventy five (75) hours, and the maximum number of hours of interruption after November 1, 2017 will be one hundred hours-(100) hours during any contract year each Curtailment Year.~~ The Curtailment Contract Year shall be ~~June-November~~ 1 through ~~May-October~~ 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~~ 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 February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 2 ~~11th~~12th Revised Sheet No. 13

Canceling P.S.C. Mo. No. 5 Sec. 2 ~~10th~~11th 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	\$ 246.472 <u>450.00</u>	\$ 246.472 <u>450.00</u>
ON-PEAK DEMAND CHARGE		
Per kW of Billing Demand	23.95	16.27
 SUBSTATION FACILITIES CHARGE		
Per kW of Facilities Demand	0.4814 <u>.50</u>	0.4814 <u>.50</u>
ENERGY CHARGE, per kWh:		
Peak Period	0. 0515 <u>04528</u>	0. 0365 <u>03028</u>
Shoulder Period	0. 0416 <u>03538</u>	
Off-Peak Period	0. 0324 <u>02588</u>	0. 0303 <u>02408</u>

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

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.~~00027~~00043 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

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 Facilities 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.

DATE OF ISSUE February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 3 ~~16th-17th~~ Revised Sheet No. 4

Canceling P.S.C. Mo. No. 5 Sec. 3 ~~15th-16th~~ 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 \$ ~~49.51~~29.25
For all energy used, per kWh \$ ~~0.4047~~10070

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.

DATE OF ISSUE February 28, 2013
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE April 1, 2013

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 171

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after

The two six-month accumulation periods, the two six-month recovery periods and filing dates are set forth in the following table:

<u>Accumulation Periods</u>	<u>Filing Dates</u>	<u>Recovery Periods</u>
September – February	By April 1	June – November
March – August	By October 1	December – May

The Company will make a Fuel Adjustment Rate (“FAR”) filing by each Filing Date. The new FAR rates for which a filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

DEFINITIONS

ACCUMULATION PERIOD:

The six calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purpose of determining the FAR.

RECOVERY PERIOD:

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

BASE ENERGY COST AND REVENUES:

Base energy cost are ordered by the Commission in the last rate case consistent with the costs and revenues included in the calculation of the Fuel and Purchase Power Adjustment (“FPA”).

BASE FACTOR (“BF”):

The base factor is the base energy cost divided by net generation kWh determined by the Commission in the last general rate case. BF = \$0.030372834 per kWh for each accumulation period.

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. 4 Original Sheet No. 17m

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC

For service on and after

APPLICATION

FUEL & PURCHASE POWER ADJUSTMENT

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

Where:

FC = Fuel Costs Incurred to Support Sales:

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

The following costs reflected in FERC Accounts 547 and 548: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging costs for natural gas, oil, and natural gas used to cross-hedge purchased power, fuel additives, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, broker commissions, and fees and revenues and expenses resulting from fuel and transportation portfolio optimization activities.

PP = Purchased Power Costs:

1. The following costs or revenues reflected in FERC Accounts 555 - 575: purchased power costs, purchased power demand costs associated with purchased power contracts with a duration of one year or less, settlements, insurance recoveries, and subrogation recoveries for purchased power expenses, virtual energy charges, generating unit price adjustments, load/export charges, energy position charges, ancillary services including penalty and distribution charges, broker commissions, fees and margins and SPP energy market charges. (see Note A. below) including:

A. SPP costs or revenues for SPP's energy and operating market settlement charge types and market settlement clearing costs or revenue associated with including but not limited to:

i. Energy;

ii. Losses Ancillary Services;

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

DATE EFFECTIVE _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
 RIDER FAC
 For service on and after

- ~~iii. Congestion management Revenue Sufficiency; including:

 - ~~a. Congestion;~~
 - ~~b. Financial Transmission Rights; and~~
 - ~~c. Auction Revenue Rights;~~~~
 - ~~iv. Revenue sufficiency guarantees Losses;:~~
 - ~~v. Revenue neutrality uplift;~~
 - ~~vi. Net inadvertent energy distribution amounts Congestion Management;~~
 - ~~vii. Ancillary Services Demand Reduction;~~
 - ~~viii. Grandfathered Agreements;~~
 - ~~ix. Virtual Transaction Fee;~~
 - ~~x. Pseudo Pseudo-tie;~~
 - ~~xi. Miscellaneous;~~
- ~~, including:~~
- ~~a. Regulating reserve service (SPP Schedule XX?? or its successor);~~
 - ~~b. Energy imbalance service (SPP Schedule XX?? or its successor);~~
 - ~~c. Spinning reserve service (MISO Schedule XX?? or its successor);~~
 - ~~d. Supplemental reserve service (MISO Schedule XX?? or its successor);~~
- ~~and~~
- B. Non-SPP costs or revenue as follows:
- i. If received from a centrally administered market (e.g. PJM / MISO), costs or revenues of an equivalent nature to those identified for the SPP costs or revenues specified in subpart A of part 1 above;
 - ii. If not received from a centrally administered market:

 - a. Costs for purchases of energy; and
 - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and
 - c. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist; and

THE EMPIRE DISTRICT ELECTRIC COMPANY

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

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after

2. Insurance premiums in FERC Account 924 for replacement power insurance. Costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles; and

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

DATE EFFECTIVE _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
 RIDER FAC
 For service on and after

3. All transmission service costs reflected in FERC Account 565 and all transmission service point-to-point revenues reflected in FERC Account 457XXX.X???. Such transmission service costs and revenues include:

A. SPP costs and revenues associated with:

i. SPP NITS Service charges Network transmission service (SPP Schedule ??11, or its successors);

ii. SPP Point-to-point transmission service revenue (SPP Schedules 1, 7?? and ??8 or their successors);
or their successors);

iii. System control and dispatch, (SPP Schedule ??, or its successor);

iv. Reactive supply and voltage control (SPP Schedule ??, or its successor);

viii. SPP Schedule 1a??, or its successor; and

vi. SPP Schedules ??, ??, ??, and ??, or their successors; and

ivii. SPP Schedule 12??;

B. Non-SPP costs and revenues associated with:

i. Network transmission service;

ii. Point-to-point transmission service;

iii. System control and dispatch; and

iv. Reactive supply and voltage control

4. Costs and revenues not specifically detailed in Factors FC, PP, E, or OSSR shall not be included in the Company's FAR filings; provided however, in the case of Factors PP or OSSR the market settlement charge types under which SPP or another market participant centrally administered market (e.g., PJM or MISO) bills / credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the SPP or another market participant centrally administered market (e.g. PJM or MISO) implement a market settlement charge type not listed in Empire's FAC:

A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP

THE EMPIRE DISTRICT ELECTRIC COMPANY

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

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after
--

or OSSR, as the case may be, subject to another party's right to challenge the inclusion (or failure to include) as outlined in E. below;

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

DATE EFFECTIVE _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after

- B. The Company will include in its monthly reports required by the Commission's fuel adjustment clause rules, notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. Such notice shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement-charge type(s) which the new charge type replaces or supplements;
- C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;
- D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues; and
- E. If the Company includes a new charge type cost or revenue in a FAR filing and a party challenges the inclusion (or if the Company does not include a new charge type cost or revenue and a party challenges the failure to include it), such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. To challenge the failure to include a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should have been included, because they do possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. In the event of a challenge, the Company shall bear the burden of proof to support its decision to include or exclude or its failure to include or exclude a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

E = Net Emission Costs:

The following costs and revenues reflected in FERC Accounts 509, 411.8 and 411.9 (or any other account FERC may designate for emissions expense in the future): emission allowance costs offset by revenues from the sale of emission allowances including any associated hedging costs, broker commissions, fees, commodity based services and margins.

THE EMPIRE DISTRICT ELECTRIC COMPANY

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

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after April 1, 2013

OSSR = Revenue from Off-System Sales:

The following revenues or costs reflected in FERC Account 447: all revenues from off-system sales but excluding revenues from full and partial requirements sales to municipalities that are associated with Empire, and SPP energy market revenues including but not limited to the following: (see Note A. below)

- i. Energy
- ii. Ancillary Services
- iii. Revenue Sufficiency;
- iv. Losses;
- v. Revenue neutrality;
- vi. Demand Reduction;
- vii. Grandfathered Agreements;
- viii. PseudoPseudo-tie;
- ix. Miscellaneous;

REC = Renewable Energy Credit revenue:

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

HEDGING COSTS:

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

Note A. Should FERC require any item covered by factors FC, PP, E, REC or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E, REC or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

B = Net base energy cost is calculated as follows:

$$B = (S_{AP} * \$0.0\text{xxxx}30372834)$$

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

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

DATE EFFECTIVE _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
 RIDER FAC
 For service on and after April 1, 2013

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

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

T = True-up of over/under recovery of FAC balance from prior recovery period as included in the deferred energy cost balancing account. Adjustments by Commission order pursuant to any prudence review shall also be placed in the FPA for collection unless a separate refund is ordered by the Commission.

I = Interest applicable to (i) the difference between Total energy cost (FC + PP + E – OSSR – REC) and Net base energy costs (“B”) multiplied by the Missouri energy ratio (“J”) for all kWh of energy supplied during an AP until those costs have been recovered; (ii) refunds due to prudence reviews (“P”), if any; and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings (“T”) provided for herein. Interest shall be calculated monthly at a rate equal to the weighted average interest paid on the Company’s short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

FUEL ADJUSTMENT RATE

The FAR is the result of dividing the FPA by estimated recovery period S_{RP} kWh, rounded to the nearest \$0.00000. The FAR shall be adjusted to reflect the differences in line losses that occur at primary and secondary voltage by multiplying the average cost at the generator by 1.0466 and 1.0662, respectively. Any FAR authorized by the Commission shall be billed based upon customers’ energy usage on and after the authorized effective date of the FAR. The formula for the FPA is displayed below.

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

Where:

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

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

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

THE EMPIRE DISTRICT ELECTRIC COMPANY

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

Canceling P.S.C. Mo. No. _____ Sec. _____ Original Sheet No. _____

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after April 1, 2013
--

PRUDENCE REVIEW

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

TRUE-UP OF FPA

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

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. 5 ~~2nd~~3rd Revised Sheet No. 17a

Canceling P.S.C. Mo. No. 5 Sec. 5 ~~1st~~2nd Revised Sheet No. 17a

For ALL TERRITORY

RULES AND
REGULATIONS

CHAPTER III

SERVICE SPECIFICATIONS

A. GENERAL

1. Condition of Customer's Facilities:

The Company shall have the right to disconnect service to any installation which violates local, municipal, NEC, or NESC regulations or that is deemed by the Company to be detrimental or hazardous to the Customer, the public, service to other customers, or Company's facilities.

2. Equipment Furnished:

The Company will furnish and install the Company's service drop and the meter. The Company may furnish a meter socket for a fee but will not install the meter socket unless it is to be mounted on Company equipment. All other equipment will be furnished by the customer and installed by the customer's electrician according to Company specifications. Specifications and division of responsibility with respect to installation of electrical service and the service entrance equipment are available to the customer and/or the customer's representative upon request at any Company office or Company website.

~~For Rural Customers on the initial installation, the Company will furnish and install a central service pole and run a service drop to it from Company's distribution lines or transformers. The various feed wires, however, from the central service pole to the customer's house, to the barn, and to the other out buildings are the Customer's property and are to be furnished and installed by the Customer. The Customer shall so arrange his wiring that the meter socket and the main disconnect is located on the central service pole.~~

3. Customer Cost on Extension:

Empire will furnish Customer copy of charges prior to construction.

B. ELECTRIC DISTRIBUTION POLICY

1. ~~Overhead~~Distribution Extensions:

a. ~~Electric Distribution Extensions~~ to Residential Customers not in a subdivision:

The Company will provide, at no cost, single-phase overhead electric service from its distribution system to serve any and all prospective customers occupying permanent residences who apply for such service, provided, however, that: I.) the customer shall pay the cost, including indirect costs of construction, of the extension in excess of one thousand (1,000) feet from the Company's existing distribution facilities as a contribution in aid of construction; II.) in the event that more than three hundred (300) feet of the extension is other than along and/or parallel to a public road, the customer shall pay the cost, including indirect costs of construction, of the extension in excess of three hundred (300) feet which is not along and/or parallel to a public road as a contribution in aid of construction; ~~and III.) the Company will not make any extension over 1,000 feet unless customer, customer's agent, owner of the property served by such extension, or owner's agent, executes a contract in writing with suitable guarantee that he will use the service for at least two years and that s/he will pay any unpaid extension cost balance in full if service is disconnected at any time during the first five years of service.~~

~~The customer will pay a minimum of five percent (5%) of the customer's contribution at the time of application for such extension as evidence of good faith and the remainder on completion of the construction. With proper credit (as determined by the Company), the customer may pay the remainder in no more than sixty (60) equal monthly payments with an interest charge of six percent (6%) on an annual basis on the unpaid portion of the original amount put on monthly payments. For a period of five (5) years the Company will pay refund the customer or credit the customer's unpaid extension cost balance for each new customer added to the extension a pro rata amount of the original cost of the extension, based on the ratio of 1,000 feet to the original length of the extension in excess of 1,000 feet.~~

A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the customer upon request prior to construction.

DATE OF ISSUE June 3, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE June 15, 2011

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 ~~2nd~~3rd Revised Sheet No. 17a

Canceling P.S.C. Mo. No. 5 Sec. 5 ~~1st~~2nd Revised Sheet No. 17a

For ALL TERRITORY

RULES AND
REGULATIONS

The Company will not be required to obligate funds to secure private right-of-way for the purpose of making extension of distribution pole lines or other facilities to premises of prospective customers.

Comment [AMC1]: This section was moved from Sheet 17b.

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 2nd3rd Revised
Sheet No. 17b

Canceling P.S.C. Mo. No. 5 Sec. 5 1st2nd Revised Sheet No. 17b

For ALL TERRITORY

RULES AND REGULATIONS

B. ELECTRIC DISTRIBUTION POLICY, ~~4-Overhead~~ (Continued)

~~ab. Primary and Secondary Distribution Facilities to~~ Residential Subdivisions:

When application is received from a developer for an extension of electric service to a subdivision in an area not served by existing facilities, the Company shall prepare a detailed estimate of the cost to install a distribution system to the subdivision, including services, transformers, and indirect costs of construction. A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the developer upon request prior to construction. The developer will make full payment of these estimated charges in advance of any construction by the company. When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the developer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs the developer will not be required to pay more than the estimate.

For each new permanent residential customer added during sixty (60) months following the completion of the extension, the Company will refund to the developer an amount equal to the Construction Allowance. The Construction allowance is described in the following paragraph. Refund totals will not exceed the original contribution by the developer. The developer may make arrangements to offset a portion of the cost of an underground system by providing certain related materials and performing certain work such as trenching, conduit installation and back-filling. However, any work performed by the developer shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative.

As a Construction Allowance for residential subdivisions, the Company will calculate at the beginning of each calendar year the value of 225 feet of overhead single phase primary conductor, one (1) forty foot wood pole and necessary fixtures, one (1) down guy and anchor, one (1) fifteen (15) KVA transformer, transformer ground rod, one hundred (100) feet of overhead service conductor and related connectors, and one (1) two hundred (200) amp meter.

~~The customer will pay a minimum of five percent (5%) of the customer's contribution at the time of application for such extension as evidence of good faith and the remainder on completion of the construction. With proper credit (as determined by the Company), the customer may pay the remainder in no more than sixty (60) equal monthly payments with an interest charge of six percent (6%) on an annual basis on the unpaid portion of the original amount put on monthly payments. For a period of five (5) years the Company will pay the customer or credit the customer's unpaid extension cost balance for each new customer added to the extension a pro rata amount of the original cost of the extension, based on the ratio of 1,000 feet to the original length of the extension in excess of 1,000 feet.~~

~~A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the customer upon request prior to construction.~~

~~The Company will not be required to obligate funds to secure private right of way for the purpose of making extension of distribution pole lines or other facilities to premises of prospective customers. In all cases, the developer will obtain or grant be responsible for obtaining any easements or rights-of-way required by the Company and will have them indicated on the subdivision plot and filed with the proper authorities for dedication.~~

bc. Multi-Family

The Company will provide overhead or underground residential service to apartments and other multi-family dwellings provided that the estimated revenue from one (1) year of electric service equals or exceeds the estimated direct and indirect cost of construction for the extension. A copy of the Company's estimate of the cost of construction, including direct and indirect costs shall be furnished to the developer upon request prior to construction.

Comment [AMC1]: This section was moved from 17c.

Comment [AMC2]: This section was moved to Sheet 17a

Comment [AMC3]: This section was moved from Sheet 17d.

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 2nd3rd Revised
Sheet No. 17b

Canceling P.S.C. Mo. No. 5 Sec. 5 4st2nd Revised Sheet No. 17b

For ALL TERRITORY

RULES AND REGULATIONS

~~When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the developer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs the developer will not be required to pay more than the estimate.~~

Comment [AMC4]: This section was moved from Sheet 17d

~~fd. **Underground or Overhead Distribution Systems for Mobile Home Parks:**~~

~~Distribution systems will be provided for mobile home parks when the Company is satisfied that the park will be permanent and where the developer guarantees to protect the investment of the Company in event the park closes or is not utilized sufficiently for revenues to cover the direct and indirect costs of construction.~~

~~When application is received from a developer for an extension of electric service to a mobile home park in an area not served by existing facilities, the Company shall prepare a detailed least cost estimate to install a distribution system to the mobile home park, including services, transformers, and indirect costs of construction. A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the developer upon request prior to construction.~~

Comment [AMC5]: This section was moved from Sheet 17e.

~~b. **Electric Distribution Extensions to Non-residential Customers:**~~

~~The company will provide an overhead distribution extension to an individual non-residential customer at no cost to the customer provided the estimated revenue from one year of electric service equals or exceeds the estimated direct and indirect costs of construction of the distribution extension. The Company shall require contributions in aid of construction for the portion of the investment in the total extension of the service to the customer that cannot be supported with the estimated revenues. In addition, if the customer cannot establish adequate credit or accurately project revenues as determined by the Company, the entire cost of the construction shall be required from the customer before the construction is commenced, in combination with minimum monthly or annual guarantees in term contracts to guarantee performance that the sales will develop or that the Company investment will be protected. At the end of five (5) years, the portion of the construction cost justified by the revenue will be refunded to the customer.~~

Formatted: Indent: Left: 0", First line: 0"

~~The Company will not be required to obligate funds to secure private right-of-way for the purpose of making extension of distribution pole lines or other facilities to premises of prospective customers.~~

Comment [AMC6]: This section was moved to Sheet 17b

~~c. **Overhead Service Conditions:**~~

~~Customer's service entrance shall be installed where it can be conveniently reached from Company's service drop without undue interference from trees, buildings and adjoining property, and in a location such that Company's service lines and customer's drip loop will have a clearance of not less than thirty-six (36) inches from windows, doors, porches or any building openings, as required by the Code and for general safety. Where it appears impractical to provide thirty-six (36) inches clearance, The Customer should consult with the Company for assistance on developing a plan to eliminate the clearance violation so that the solution meets Code.~~

~~Customer shall not erect any structure or swimming pool under or over Company service lines or within Company easements without written approval from the Company.~~

Comment [AMC7]: This section was moved to Sheet 17d.

Formatted: number1, None

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 2nd3rd Revised Sheet No. 17c

Canceling P.S.C. Mo. No. 5 Sec. 5 1st2nd Revised Sheet No. 17c

For ALL TERRITORY

RULES AND REGULATIONS

B. ELECTRIC DISTRIBUTION POLICY, ~~4-Overhead~~ (Continued)

The developer will make full payment of the estimated charges, in excess of one years estimated revenue for the project, in advance of any construction by the Company. When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the customer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs the customer will not be required to pay more than the estimate.

Upon request, the Company shall install underground services to each mobile home site from an overhead distribution system in accordance with the terms and provisions of Section B.2.c of the Company's filed Rules and Regulations for electric service. A meter pedestal will be located at each mobile home location. The meter pedestal will be furnished, installed, owned and maintained by the Company for a fee.

~~be~~ Electric Distribution Extensions to Non-residential Customers:

The ~~company~~ Company will provide ~~an~~ overhead ~~distribution extension or~~ underground distribution facilities to serve to an individual non-residential customer at no cost to the customer provided the estimated revenue from ~~one~~ three (3) years of electric service equals or exceeds the estimated direct and indirect costs of construction ~~of the distribution extension~~. The Company shall require contributions in aid of construction for the portion of the investment in the total extension of the service to the customer that cannot be supported with the estimated revenues. ~~In addition, if the customer cannot establish adequate credit or accurately project revenues as determined by the Company, the entire cost of the construction shall be required from the customer before the construction is commenced, in combination with minimum monthly or annual guarantees in term contracts to guarantee performance that the sales will develop or that the Company investment will be protected. At the end of five (5) years, the portion of the construction cost justified by the revenue will be refunded to the customer.~~

~~If the Company is unable to project estimated revenues, the customer shall be required to pay the entire cost of construction. All contributions in aid of construction may be required before construction is commenced.~~

~~When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the customer contribution above the actual costs shall be refunded to the customer. If actual costs are higher than estimated costs, the customer shall not be required to pay more than the estimate. At the end of three (3) years, the portion of the construction cost justified by the actual revenue shall be refunded to the customer. Refund totals shall not exceed the original contribution by the customer.~~

The Company will not be required to obligate funds to secure private right-of-way for the purpose of making extension of distribution pole lines or other facilities to premises of prospective customers.

2. Distribution Services:

~~The Company's standard construction will be overhead. However, where feasible from engineering, operational, and economic considerations, new electric service to residential and commercial customers may be installed underground. Installation of facilities shall be made in accordance with the following provisions~~

a. Temporary Distribution and Service Lines:

~~The Company shall not be required to provide service to temporary locations, such as for mobile homes, construction sites, etc., even though the line facilities are already in place, unless such customer advances the sum stated in Schedule CA, Credit Action Fees, as a construction payment for the cost of installation and removal of the meter, service, and other necessary facilities. The title to such property shall be and remain in the Company. Should the customer utilize electric service at this location for a period of twelve consecutive months from the date of initial service, the above payment, plus interest as designated by State Law or Commission order, will be refunded to the customer by the Company.~~

Comment [AMC1]: This section was moved from Sheet 17e.

Comment [AMC2]: This section was moved from Sheet 17b.

Formatted: number, Left, Indent: Hanging: 0.75", Tab stops: 0.25", Left + 0.5", Left

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 2nd3rd Revised Sheet No. 17c

Canceling P.S.C. Mo. No. 5 Sec. 5 1st2nd Revised Sheet No. 17c

For ALL TERRITORY

RULES AND REGULATIONS

~~The Company shall not be required to provide electric service to temporary customers at locations that require the extension of the Company's lines unless the full cost of erection and removal, including indirect costs of construction, of the extension be contributed by the customer.~~

~~Complete instructions, specifications, and construction requirements are available from the Company, or from the Company's web site.~~

~~In order to permit proper operation of Company's service lines and feeder lines serving the customer, the Company shall have the right, when and as necessary, to trim properly and keep trimmed any trees located upon the customer's premises which may interfere with service to customer or service to any other customer.~~

Comment [AMC3]: This section was moved to Sheet 17d.

~~d. Temporary Distribution and Service Lines:~~

~~The Company shall not be required to provide service to temporary locations, such as for mobile homes, construction sites, etc., even though the line facilities are already in place, unless such customer advances the sum stated in Schedule CA, Credit Action Fees, as a construction payment for the cost of installation and removal of the meter, service, and other necessary facilities. The title to such property shall be and remain in the Company. Should the customer utilize electric service at this location for a period of twelve consecutive months from the date of initial service, the above payment, plus interest as designated by State Law or Commission order, will be refunded to the customer by the Company.~~

~~The Company shall not be required to provide electric service to temporary customers at locations that require the extension of the Company's lines unless the full cost of erection and removal, including indirect costs of construction, of the extension be contributed by the customer.~~

~~2. Underground and Overhead:~~

~~The Company's standard construction will be overhead. However, where feasible from engineering, operational, and economic considerations, new electric service to residential and commercial customers may be installed underground. Installation of facilities shall be made in accordance with the following provisions:~~

~~a. Primary and Secondary Distribution Facilities to Residential Subdivisions:~~

~~When application is received from a developer for an extension of electric service to a subdivision in an area not served by existing facilities, the Company shall prepare a detailed estimate of the cost to install a distribution system to the subdivision, including services, transformers, and indirect costs of construction. A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the developer upon request prior to construction. The developer will make full payment of these estimated charges in advance of any construction by the company. When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the developer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs the developer will not be required to pay more than the estimate.~~

Formatted: Indent: Hanging: 0.75"

~~For each new permanent residential customer added during sixty (60) months following the completion of the extension, the Company will refund to the developer an amount equal to the Construction Allowance. The Construction allowance is described in the following paragraph. Refund totals will not exceed the original contribution by the developer. The developer may make arrangements to offset a portion of the cost of an underground system by providing certain related materials and performing certain work such as trenching, conduit installation and back filling. However, any work performed by the developer shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative.~~

Formatted: Indent: Hanging: 0.75"

~~As a Construction Allowance for residential subdivisions, the Company will calculate at the beginning of each calendar year the value of 225 feet of overhead single phase primary conductor, one (1) forty foot wood pole and necessary fixtures, one (1) down guy and anchor, one (1) fifteen (15) KVA transformer, transformer ground rod, one hundred (100) feet of overhead service conductor and related connectors, and one (1) two hundred (200) amp meter.~~

Comment [AMC4]: This section was moved to Sheet 17b.

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 ~~2nd3rd~~ Revised Sheet No. 17d

Canceling P.S.C. Mo. No. 5 Sec. 5 ~~1st2nd~~ Revised Sheet No. 17d

For ALL TERRITORY

RULES AND REGULATIONS

B. ELECTRIC DISTRIBUTION POLICY, ~~2. Underground and Overhead~~ (Continued)

~~In all cases, the developer will be responsible for obtaining any easements or rights-of-way required by the Company and will have them indicated on the subdivision plot and filed with the proper authorities for dedication.~~

- ~~b. The Company will provide overhead or underground residential service to apartments and other multi-family dwellings provided that the estimated revenue from one (1) year of electric service equals or exceeds the estimated direct and indirect cost of construction for the extension. A copy of the Company's estimate of the cost of construction, including direct and indirect costs shall be furnished to the developer upon request prior to construction.~~

~~When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the developer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs, the developer will not be required to pay more than the estimate.~~

~~cb. Overhead Service Conditions:~~

~~Customer's service entrance shall be installed where it can be conveniently reached from Company's service drop without undue interference from trees, buildings and adjoining property, and in a location such that Company's service lines and customer's drip loop will have a clearance of not less than thirty-six (36) inches from windows, doors, porches or any building openings, as required by the Code and for general safety. Where it appears impractical to provide thirty-six (36) inches clearance, The Customer should consult with the Company for assistance on developing a plan to eliminate the clearance violation so that the solution meets Code.~~

~~Customer shall not erect any structure or swimming pool under or over Company service lines or within Company easements without written approval from the Company.~~

~~Complete instructions, specifications, and construction requirements are available from the Company, or from the Company's web site.~~

~~In order to permit proper operation of Company's service lines and feeder lines serving the customer, the Company shall have the right, when and as necessary, to trim properly and keep trimmed any trees located upon the customer's premises which may interfere with service to customer or service to any other customer.~~

c. Underground Services to Residential Customers:

The Company will furnish and install cable sufficient to provide underground service runs to individual customers from the Company's underground primary distribution systems, up to 100 feet in length. Where a service exceeds 100 feet in length, the Company shall prepare a detailed estimate of the cost to install the entire underground run, including indirect costs. The customer will be required to pay the cost, including indirect costs of construction, of the underground service for that portion in excess of 100 feet. The customer may make arrangements to pay a portion of the excess cost of the underground service by providing certain related materials and performing certain work such as trenching, conduit installation and back-filling. However, any work performed by the customer shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative. After installation, the Company shall own and maintain the underground service.

Where the Company's existing distribution system is installed underground, only underground service conductors to individual customers will be installed. Where the Company's existing facilities are overhead, the service will be overhead unless the customer agrees to pay the estimated difference between the cost of underground and overhead service.

Customers having existing overhead service conductors from the Company's overhead distribution system may have underground service provided they compensate the Company for the unused life and removal costs less salvage value of the existing overhead service conductors in addition to meeting the requirements listed above.

Formatted: Indent: Hanging: 0.75"

Comment [AMC1]: This section was moved to Sheet 17b.

Comment [AMC2]: This section was moved from Sheet 17b.

Comment [AMC3]: This section was moved from Sheet 17c.

DATE OF ISSUE June 3, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE June 15, 2011

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 ~~2nd3rd~~ Revised Sheet No. 17d

Canceling P.S.C. Mo. No. 5 Sec. 5 ~~1st2nd~~ Revised Sheet No. 17d

For ALL TERRITORY

RULES AND
REGULATIONS

~~A rural customer whose point of delivery is located at a central service pole shall be responsible for all circuits beyond that point, whether overhead or underground. If the rural customer does not have a central service pole, the Company policy for providing underground service shall be the same as described above for other residential customers.~~

DATE OF ISSUE June 3, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE June 15, 2011

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 2nd3rd Revised Sheet No. 17e

Canceling P.S.C. Mo. No. 5 Sec. 5 1st2nd Revised Sheet No. 17e

For ALL TERRITORY

RULES AND REGULATIONS

B. ELECTRIC DISTRIBUTION POLICY, ~~2-Underground and Overhead~~-(Continued)

~~d. Underground Service to Commercial or Industrial Customers:~~

~~When application is received from a commercial or industrial customer for underground electric service, the Company shall prepare a detailed estimate of the cost to install an overhead system to the customer, including indirect costs of construction. The Company shall also perform a detailed estimate to determine the cost to install an underground system of the same scope as the overhead system to the same customer, including indirect costs of construction. If the underground system is more expensive than the overhead system, and the customer insists upon an underground system, the customer shall be required to pay the difference between the estimated cost of the underground system and the overhead system. The customer may make arrangements to pay a portion of the excess cost of the underground system by performing certain work such as trenching and back-filling. However, any work performed by the customer shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative.~~

ed. Underground Service to Authorized Public Street Lighting:

Any authorized street lighting lines installed in a subdivision with underground distribution will be installed underground. When public street lighting lines are installed underground, the estimated direct and indirect costs of construction to install the facilities shall be charged to the appropriate governing agency. The governing agency may make arrangements to pay a portion of the cost of the underground system by providing certain related materials and performing certain work such as trenching, conduit installation and back-filling. However, any work performed by the governing agency shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative.

Arrangements for public street lighting, however, are made between the customer and the governing agency in the area, such as a duly incorporated city, town, village, etc., which has the right to authorize public street lighting in the subdivision. This agency will then contract with the Company for public street lighting service.

If the street lighting lines are required to be installed underground where adequate overhead distribution already exists, then a charge of the estimated direct and indirect costs of construction for underground service to the street lighting, plus compensation for any unused life and the removal costs of any overhead distribution requiring removal, shall be charged to the appropriate governing agency. The governing agency may make arrangements to pay a portion of the cost of the underground system by providing certain related materials and performing certain work such as trenching, conduit installation and back-filling. However, any work performed by the governing agency shall be done in accordance with Company requirements and specifications and shall be coordinated with the Company representative.

~~f. Underground or Overhead Distribution Systems for Mobile Home Parks:~~

~~Distribution systems will be provided for mobile home parks when the Company is satisfied that the park will be permanent and where the developer guarantees to protect the investment of the Company in event the park closes or is not utilized sufficiently for revenues to cover the direct and indirect costs of construction.~~

~~When application is received from a developer for an extension of electric service to a mobile home park in an area not served by existing facilities, the Company shall prepare a detailed least cost estimate to install a distribution system to the mobile home park, including services, transformers, and indirect costs of construction. A copy of the Company's estimate of the cost of construction, including direct and indirect costs, shall be furnished to the developer upon request prior to construction.~~

~~The developer will make full payment of the estimated charges, in excess of one years estimated revenue for the project, in advance of any construction by the Company. When construction is completed, if the actual costs of the extension are less than the estimated costs, the portion of the customer contribution above the actual costs will be refunded to the customer. If actual costs are higher than the estimated costs the customer will not be required to pay more than the estimate.~~

~~Upon request, the Company shall install underground services to each mobile home site from an overhead distribution system in accordance with the terms and provisions of Section B.2.c of the Company's filed Rules and Regulations for electric service. A meter pedestal will be located at each mobile home location. The meter pedestal will be furnished, installed, owned and maintained by the Company for a fee.~~

Comment [AMC1]: This section was moved to Sheet 17b.

Comment [AMC2]: This section was moved to Sheet 17c.

DATE OF ISSUE June 3, 2011 DATE EFFECTIVE June 15, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 5 ~~2nd~~3rd Revised Sheet No. 17f

Canceling P.S.C. Mo. No. 5 Sec. 5 ~~4st~~2nd Revised Sheet No. 17f

For ALL TERRITORY

RULES AND REGULATIONS

B. ELECTRIC DISTRIBUTION POLICY, ~~2-Underground and Overhead~~-(Continued)

~~3.~~ In those situations where the Company determines that, due to economic or safety concerns it would be in the Company's interest to install underground facilities, such facilities may be installed without additional cost to the customer. When it appears that underground construction may be in the Company's economic interest, the Company shall prepare a detailed estimate of the cost to install an overhead system, including indirect costs of construction. The Company shall also perform a detailed estimate to determine the cost to install an underground system of the same scope as the overhead system, including indirect costs of construction.

Formatted: number

~~4h.~~ Requested Relocation of Company Facilities:

A cost estimate of the relocation will be performed including removal, installation and indirect cost of construction. In those situations where the Company determines that due to reliability, economic, or safety concerns it would be in the best interest of the Company to relocate the facilities, there could be no additional charge for the re-location. Any estimated expense not determined to be in the best interest of the Company would be the responsibility of the entity making the request.

Formatted: number

~~35.~~ Unregulated competition:

Where the Company competes for business with unregulated competition, the Company may waive all or part of any charges associated with extensions of service and/or construction deposits, provided for in the Empire Distribution Policy, Chapter III B, Empire District Electric Company Rules and Regulations, and any additional non-rate schedule charges, required in order to effectively compete with offers made to developers and/or customers by unregulated competition after notifying the Missouri Public Service Commission and receiving an Order granting the waiver for good cause shown.

C. METERING

1. Meters:

Meters necessary to measure the power and energy purchased and delivered hereunder will be installed, owned and maintained by the Company at its expense. Tests of the accuracy of the metering equipment will be made by the Company according to approved modern practices. No adjustment in charges for service hereunder will be made unless an average error of more than two (2) percent, plus or minus, in the accuracy of such metering is found. Should an error in excess of an average of 2% be found, proper adjustment for the full amount of such error will be made as stated in Chapter V, Section B.1. The Company shall have such meters promptly adjusted as close as practical to 100% or exchanged in the case of meter failure. Upon the request of the Customer, a representative of the Customer may witness such tests. The Customer will have the right to request that a special meter test be made at any time. If the test made at the customer's request discloses that the meter tested is within an average error of not more than 2% and the meter has been tested in the last 12 months, the Customer will bear the full expense of such test. The expense of all other tests will be borne by the Company.

The readings of the Company's meter measuring service to customer (subject to determination of accuracy of the meter, as provided above) will be taken as prima facie evidence of the customer's use of service.

DATE OF ISSUE June 3, 2011
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

DATE EFFECTIVE June 15, 2011