

FORM NO. 13

P. S. C. MO. No. 7☐ OriginalSHEET No. 18E☒ RevisedCancelling P. S. C. MO. No. 67 All previous sheets☐ Original

SHEET No. ....

☒ Revised

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

**RECEIVED**MEDIUM GENERAL SERVICE - ALL ELECTRIC  
Schedule MGAJUL 5 1996

(Continued)

## METERING AT DIFFERENT VOLTAGES:

**MISSOURI  
Public Service Commission**

The Company may, at its option, install metering equipment on the secondary side of a primary voltage customer's transformer. In that event, the customer's metered demand and energy shall be increased either by the installation of compensated metering equipment, or by 2.04% if metering equipment is not compensated.

The Company may also, at its option, install metering equipment on the primary side of the transformer for a secondary voltage customer. In this case, the customer's metered demand and energy shall be decreased by 2.00%, or alternatively, compensation metering may be installed.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission.

KCPL Form 661H002 (Rev 6/94)

**FILED**

JUL 9 1996

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MO. PUBLIC SERVICE COMM

DATE OF ISSUE July 5, 1996DATE EFFECTIVE July 9, 1996ISSUED BY S. W. Gettron  
name of officerVice President  
title1201 Walnut, Kansas City, Mo.  
addressChris E. Dees

FORM NO. 13

P. S. C. MO. No. 7*Second*  
~~First~~~~Original~~  
~~Revised~~SHEET No. 19Cancelling P. S. C. MO. No. 7*First*~~Original~~  
~~Revised~~SHEET No. 19

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area  
Community, Town or City**RECEIVED**LARGE GENERAL SERVICE - ALL ELECTRIC  
Schedule LGA

AUG 13 1997

## AVAILABILITY:

**MISSOURI**  
Public Service Commission

For electric service through one meter to *an existing* a customer using electric service for purposes other than those included in the availability provisions of the Residential Service Rate Schedule. At the Company's discretion, service may be provided through more than one meter where it is economical for the Company to do so.

For electric service through one meter and using only electric service for all lighting, cooking, water heating, comfort space heating (except aesthetic fireplaces), comfort cooling, general purposes, and any other purposes requiring energy. The customer must have electric water heating and electric space heating equipment. This equipment shall be of a size and design approved by the Company. Electric space heating and electric water heating equipment shall be permanently installed, connected, and thermostatically controlled.

Service will not be supplied where the ultimate use is primarily for residential purposes.

Standby, breakdown, or supplementary service is available under this schedule if the customer seeking such service first enters into a special contract which includes technical and safety requirements similar to those required for qualifying facilities in 4 CSR 240-20.060(2)(C). These requirements, and the associated interconnection costs, shall be reasonable and assessed on a nondiscriminatory basis with respect to other customers with similar load characteristics. Temporary or seasonal service will not be supplied under this schedule.

## APPLICABILITY:

Applicable to all multiple-occupancy buildings when the tenants or occupants of the building are furnished with electric service on a rent inclusion basis.

## TERM OF CONTRACT:

Contracts under this schedule shall be for a period of not less than one year from the effective date thereof.

**FILED**

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MO. PUBLIC SERVICE COM

*December 27, 2006*  
August 13, 1997

DATE OF ISSUE

DATE EFFECTIVE

September 12, 1997

*Chris B. Giles*  
month day year*Vice-President*

ISSUED BY

*M. C. Sholander*  
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address

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FORM NO. 13

P. S. C. MO. No. 7~~Second~~{ Original  
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Revised }SHEET No. 19A

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

LARGE GENERAL SERVICE - ALL ELECTRIC  
Schedule LGA~~Missouri Public  
Service Commission~~  
(Continued)

## RATE FOR SERVICE AT SECONDARY VOLTAGE:

REC'D APR 22 1999

## A. CUSTOMER CHARGE (per month):

Customer pays one of the following charges based upon the Facilities Demand:

1 LGFE  
1 LGAH

0-24 kW	\$62.92	69.50
25-199 kW	\$62.92	69.50
200-999 kW	\$62.92	69.50
1000 kW or above	\$537.24	593.43

## B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$1.84 1.787

## C. DEMAND CHARGE:

	Summer Season	Winter Season
Per kW of Billing Demand per month:	4.034 ✓ \$3.680	\$1.834 2.010 ✓

## D. ENERGY CHARGE:

	Summer Season	Winter Season
First 180 Hours Use per month:	.0593 \$0.05405 per kWh	\$0.03520 per kWh .0405
Next 180 Hours Use per month:	.0451 \$0.04114 per kWh	\$0.02318 per kWh .0267
Over 360 Hours Use per month:	.0353 \$0.03216 per kWh	\$0.02123 per kWh .0244

~~Missouri Public  
Service Commission~~

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name of officer

title

address

Chris B. Dees

FORM NO. 13

P. S. C. MO. No. 7

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SHEET No. 19B

7

First

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SHEET No. 19B

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KANSAS CITY POWER &amp; LIGHT COMPANY

For Missouri Retail Service Area

Name of Issuing Corporation or Municipality

Community, Town or City

LARGE GENERAL SERVICE - ALL ELECTRIC  
Schedule LGA

(Continued)

## RATE FOR SERVICE AT PRIMARY VOLTAGE:

## A. CUSTOMER CHARGE (per month):

Customer pays one of the following charges based upon the Facilities Demand:

0-24 kW	\$62.92 69.50
25-199 kW	\$62.92 69.50
200-999 kW	\$62.92 69.50
1000 kW or above	\$537.24 593.43

## B. FACILITIES CHARGE:

Per kW of Facilities Demand per month \$1.53 1.648

## C. DEMAND CHARGE:

	Summer Season	Winter Season
Per kW of Billing Demand per month	3942 \$3.607	\$1.798 1.965

## D. ENERGY CHARGE:

	Summer Season	Winter Season
First 180 Hours Use per month:	.0577 \$0.05297 per kWh	\$0.03449 per kWh 0396
Next 180 Hours Use per month:	.0441 \$0.04032 per kWh	\$0.02272 per kWh 0241
Over 360 Hours Use per month:	.0344 \$0.03152 per kWh	\$0.02080 per kWh 0239

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Service Commission

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J. S. Latz

name of officer

Senior Vice President

title

1201 Walnut, Kansas City, Mo.

address

KCPL Form 661H002 (Rev 1/97)



FORM NO. 13

P. S. C. MO. No. 7~~Second~~~~Original~~  
~~Revised~~SHEET No. 19CCancelling P. S. C. MO. No. 7~~First~~~~Original~~  
~~Revised~~SHEET No. 19C

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area  
Community, Town or CityLARGE GENERAL SERVICE - ALL ELECTRIC  
Schedule LGA~~Missouri Public~~  
~~Service Commission~~  
(Continued)

REC'D APR 22 1999

## REACTIVE DEMAND ADJUSTMENT (Secondary and Primary):

Company may determine the customer's monthly maximum 30-minute reactive demand in kilovars. In each month a charge of ~~\$0.452~~ <sup>0.499</sup> per month shall be made for each kilovar by which such maximum reactive demand is greater than fifty percent (50%) of the customer's Monthly Maximum Demand (kW) in that month. The maximum reactive demand in kilovars shall be computed similarly to the Monthly Maximum Demand as defined in the Determination of Demands section.

## MINIMUM MONTHLY BILL:

The Minimum Monthly Bill shall be equal to the sum of the Customer Charge, Facilities Charge, Demand Charge, and Reactive Demand Adjustment.

## SUMMER AND WINTER SEASONS:

The Summer Season is four consecutive months, beginning and effective May 16 and ending September 15, inclusive. The Winter Season is eight consecutive months, beginning and effective September 16 and ending May 15. Customer bills for meter reading periods including one or more days in both seasons will reflect the number of days in each season.

## SECONDARY AND PRIMARY VOLTAGE CUSTOMER DEFINITIONS:

Secondary voltage customer - Receives service on the low side of the line transformer.

Primary voltage customer - Receives service at Primary voltage of 12,000 volts or over but not exceeding 69,000 volts. Customers receiving service at 4160 volts as of May 5, 1986 are also classified as Primary voltage customers. Customer will own all equipment necessary for transformation including the line transformer.

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ISSUED BY

~~J. S. Latz~~

name of officer

~~Senior Vice President~~

title

1201 Walnut, Kansas City, Mo.

address

FORM NO. 13

P. S. C. MO. No. 7Original  
Revised SHEET No. 19DCancelling P. S. C. MO. No. 8 All previous sheetsOriginal  
Revised SHEET No. 19D

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area  
Community, Town or CityLARGE GENERAL SERVICE - ALL ELECTRIC  
Schedule LGA

(Continued)

## DETERMINATION OF DEMANDS:

Demand will be determined by demand instruments or, at the Company's option, by demand tests.

## MINIMUM DEMAND:

200 kW for service at Secondary Voltage.  
204 kW for service at Primary Voltage.

## MONTHLY MAXIMUM DEMAND:

The Monthly Maximum Demand is defined as the highest demand indicated in any 30-minute interval during the month on all meters.

## FACILITIES DEMAND:

Facilities Demand shall be equal to the higher of: (a) the highest Monthly Maximum Demand occurring in the last twelve (12) months including the current month or (b) the Minimum Demand.

## BILLING DEMAND:

Billing Demand shall be equal to the higher of: (a) the Monthly Maximum Demand in the current month or (b) the Minimum Demand.

## DETERMINATION OF HOURS USE:

Hours Use shall be determined by dividing the total monthly kWh on all meters by the Monthly Maximum Demand in the current month.

## METERING AT DIFFERENT VOLTAGES:

The Company may, at its option, install metering equipment on the secondary side of a primary voltage customer's transformer. In that event, the customer's metered demand and energy shall be increased either by the installation of compensated metering equipment, or by 2.04% if metering equipment is not compensated.

The Company may also, at its option, install metering equipment on the primary side of the transformer for a secondary voltage customer. In this case, the customer's metered demand and energy shall be decreased by 2.00%, or alternatively, compensation metering may be installed.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission.

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DATE OF ISSUE July 5, 1996

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ISSUED BY

S. W. Catron  
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title1201 Walnut, Kansas City, Mo.  
address

C. B. B. B. B.

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MO. PUBLIC SERVICE COMM

December 27 2006

January 1 2007



FORM NO. 13

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SHEET No. 20C

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Original

SHEET No. 20C

Revised

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

TWO PART - TIME OF USE  
Schedule TPPMissouri Public  
Service Commission  
(Continued)

REC'D APR 22 1999

PRICES; (continued)

## Time-of-Use Prices

Voltage/Rate Schedule	Winter		Summer	
	On-Peak	Off-Peak	On-Peak	Off-Peak
<b>SECONDARY</b>				
SGS, SGA	0.03091 .03114	0.02667 .02946	0.07963 .08818	0.03426 .03781
MGS, MGA	0.02683 .02964	0.02156 .02382	0.07212 .07766	0.02859 .03158
LGS, LGA	0.02569 .02838	0.02071 .02288	0.06979 .07709	0.02733 .03019
LPS	0.02251 .02486	0.01891 .02089	0.06543 .07227	0.02431 .02685
<b>PRIMARY</b>				
SGS, SGA	0.02996 .03312	0.02586 .02857	0.07969 .08140	0.03237 .03570
MGS, MGA	0.02602 .02874	0.02092 .02312	0.06657 .07353	0.02701 .02981
LGS, LGA	0.02492 .02753	0.02044 .02221	0.06443 .07117	0.02589 .02853
LPS	0.02183 .02411	0.01835 .02027	0.06039 .06671	0.02297 .02537
<b>SUBSTATION</b>				
LPS	0.02155 .02382	0.01814 .02000	0.05653 .06244	0.02267 .02504
<b>TRANSMISSION</b>				
LPS	0.02143 .02367	0.01799 .01987	0.05633 .06222	0.02252 .02488

Prices are shown in \$ per KWh

Missouri Public  
Service Commission  
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J. S. Latz  
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title1201 Walnut, Kansas City, Mo.  
address

KCPL Form 661H002 (Rev 1/97)

**KANSAS CITY POWER & LIGHT COMPANY**

P.S.C. MO. No. 7 ~~First~~ Second ☐ Original Sheet No. 20D  
☒ Revised  
Cancelling P.S.C. MO. No. 7 First ☒ Original Sheet No. 20D  
☒ Revised  
For Missouri Retail Service  
Area

**TWO PART - TIME OF USE  
Schedule TPP**

(Continued)

**SPECIAL PROVISIONS FOR CUSTOMERS WITH A MPOWER RIDER:**

MPOWER Customers will be eligible for the TPP tariff. The MPOWER credits will continue to be applied through the calculation of the Standard Bill. The curtailment provisions will continue to apply as stated in the rider.

**SPECIAL PROVISIONS FOR CUSTOMERS WITH AN ECONOMIC DEVELOPMENT RIDER:**

Economic Development Rider (EDR) Customers will continue to receive the discounts provided for in the rider except that they will apply to the CBL usage only. Changes in usage from the CBL quantities will be priced at the TPP rate applicable to the Customer's tariff category, not at the EDR rate. The EDR discount percentage will change each year in accordance with the EDR provisions even though the CBL quantities remain fixed.

**SPECIAL PROVISIONS FOR CUSTOMERS WITH A THERMAL STORAGE RIDER:**

This tariff is available to Customers currently taking service under the Thermal Storage Rider. The Customer's CBL billing determinants will be interpreted using the conditions of the rider. Customers that install thermal storage after November 1, 1996, must establish one year of usage with the thermal storage rider before taking service under this tariff. At the Company's option, the billing determinants of the Customer's historical CBL may be modified to reflect the introduction or modification of thermal storage capacity for the establishment of the CBL quantities.

**SPECIAL PROVISIONS FOR ELECTRIC HEATING CUSTOMERS:**

For Customers that are currently taking service with separately metered space heat, the change in KWh is determined by summing the usage from the separate meters, both for CBL usage and for the current period.

**PROGRAM CHARGE:**

A program charge of \$30 per month (\$10 per month for customers on SGS and SGA rate schedules) is required to cover additional billing and administrative costs associated with TPP. In addition, this charge will be collected from Customers for the remainder of the first twelve months if they return to service under the standard tariff before the initial twelve month contract period is complete.

December 27, 2006 January 1, 2007  
DATE OF ISSUE: April 13, 2006 DATE EFFECTIVE: May 14, 2006  
ISSUED BY: Chris Giles  
Vice-President 1201 Walnut, Kansas City, Mo. 64106

**Filed**  
Missouri Public  
Service Commission



FORM NO. 13

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SHEET No. 28B

Cancelling P. S. C. MO. No. 7

Original  
Revised

SHEET No. 28B

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Missouri Retail Service Area

For Community, Town or City

Standby Service for Self-Generating Customers  
Schedule SGCMissouri Public  
Service Commission

REC'D APR 22 1999

## BILL DETERMINATION (continued)

Reactive = Incremental reactive power charge, calculated by taking the difference between the bill for reactive power using the standard rate applied to the current month quantities and the bill based on the historical CBL quantities. This charge may be positive or negative;

PC = Interconnection Charge + Facilities Charge + Administrative Charge; and

Payment = Payment from KCPL for electricity services supplied by the Customer to KCPL  
 $= \sum_{hr} [RTP:MC_{hr} * QFkWh_{hr}]$

Where:

RTP:MC<sub>hr</sub> = Adjusted RTP-Plus prices each hour, with adjustments as described below in the section on Prices; and

QFkWh<sub>hr</sub> = Electricity supplied to the Company by the Customer in each hour.

The Access Charge is defined as follows:

Access Charge = The difference between the Standard Bill and the monthly sum of the product in each hour of the CBL kWh multiplied by the hourly energy price;  
 $= \text{Standard Bill} - \sum_{hr} [RTP_{hr} \times CBLkWh_{hr}]$

## PRICES

The baseline tariff prices that are used in the calculation of the Standard Bill can be found on the Customer's applicable standard tariff sheets (Schedule SGS, MGS, LGS, LPS, SGA, MGA, or LGA).

The hourly energy prices are the Real Time Prices from Schedule RTP-Plus, except when modified for transmission or interruptible service. The hourly energy prices will be adjusted with a transmission service adder during the following hours on non-holiday weekdays in July and August:

Hours	Price Adder
11:00 a.m. - 2:00 p.m.	\$ 0.0480 per kWh
2:00 p.m. - 6:00 p.m.	\$ 0.0480 per kWh
6:00 p.m. - 7:00 p.m.	\$ 0.0480 per kWh

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Service Commission99-313  
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J. S. Latz

name of officer

Senior Vice President

title

1201 Walnut, Kansas City, Mo.

address

FORM NO. 13

P. S. C. MO. No. 7Second~~Original~~  
RevisedSHEET No. 30Cancelling P. S. C. MO. No. 7First~~Original~~  
RevisedSHEET No. 30

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 1 - Urban Area

For.....  
Community, Town or City

## STANDBY OR BREAKDOWN SERVICE (FROZEN)

Schedule 1-SA

~~Missouri Public~~  
~~Service Commission~~

REC'D APR 22 1999

## AVAILABILITY:

Available only to Customers taking service under this schedule on January 10, 1966 and who are served hereunder continuously thereafter.

- For service through one meter to a Customer producing electrical or mechanical energy in his own plant and purchasing electric service from the Company during such periods as his plant is not operating or for use in emergencies.

Available only if Company has sufficient capacity available in generating, distributing and transforming equipment for the service requested.

Supplementary or seasonal service will not be supplied under this schedule.

## RATE:

9.637

Demand Charge: \$8.724 per month per kW of demand.

Energy Charge: \$ 10866 per kWh.

## MINIMUMS:

11936

Minimum Monthly Bill:

The minimum monthly bill shall be the Demand Charge.

## DETERMINATION OF DEMAND:

Demand will be determined by demand instruments or, at the Company's option, by demand tests, and shall be the highest demand indicated in any 30-minute interval during the month. The billing demand shall be the highest demand during the 12-month period ending with the current month but in no event less than ten kW for secondary electric service or less than 75 kW for primary electric service.

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~~Service Commission~~  
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ISSUED BY

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FORM NO. 13

P. S. C. MO. No. 7

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SHEET No. 33

7

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Original  
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SHEET No. 33

Cancelling P. S. C. MO. No.

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

PRIVATE UNMETERED PROTECTIVE LIGHTING SERVICE  
Schedule ALMissouri Public  
Service Commission

REC'D APR 22 1999

## AVAILABILITY:

For unmetered protective lighting service for private entrances, exits, yards, driveways, streets, alleys, walkways and other all-night outdoor private areas on existing Customer's premises. Not available for municipal street, park or other public lighting, or for temporary service.

## RATE:

## A. Base Charge:

The monthly rate for each private lighting unit installed on an existing wood pole and using existing secondary circuits is as follows:

		Area Lighting	Flood Lighting
5800	Lumen High Pressure Sodium Unit	14.45 • \$ 13.08	
8600	Lumen Mercury Vapor Unit*	15.19 • \$ 13.75	
16000	Lumen High Pressure Sodium Unit		\$ 14.97 16.54 •
22500	Lumen Mercury Vapor Unit*	18.60 • \$ 16.84	
22500	Lumen Mercury Vapor Unit*		\$ 16.84 18.60 •
27500	Lumen High Pressure Sodium Unit	17.59 • \$ 15.92	
50000	Lumen High Pressure Sodium Unit		\$ 17.37 19.17 •
63000	Lumen Mercury Vapor Unit*		\$ 21.88 24.17 •

\*Limited to the units in-service on May 5, 1986, until removed.

## B. Additional Charges:

If an extension of the Company's secondary circuit or a new circuit is required either on or off the Customer's premises to supply service hereunder at the location or locations desired on the Customer's premises, the above monthly rate shall be increased as follows:

Each 30-foot ornamental steel pole installed	4.44 • \$ 4.02
Each 35-foot ornamental steel pole installed	5.06 • \$ 4.58
Each 30-foot wood pole installed	3.40 • \$ 3.08
Each 35-foot wood pole installed	3.71 • \$ 3.36
Each overhead span of circuit installed	2.49 • \$ 2.25

If the installation of additional transformer facilities is required to supply service hereunder, the above monthly rate shall be increased by a charge equal to one and three-fourths percent of the Company's total investment in such additional transformer facilities.

If the Customer requires underground service, the Customer will be responsible for installing all underground duct work in conformance with Company specifications and the Company will be responsible for installing cable and making the connection to Company facilities. There will be an additional \$1.72 per month charge for each underground lighting unit served up to a maximum of 300 feet of underground conduit per lighting unit.

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J. S. Latz  
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FORM NO. 13

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KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area  
Community, Town or CityPRIVATE UNMETERED PROTECTIVE LIGHTING SERVICE  
Schedule AL

(continued)

## BILLING:

The charges for service under this schedule shall appear as a separate item on the Customer's regular electric service bill.

## TERM:

The minimum initial term under this rate schedule shall be one year. However, if the private lighting installation requires extension of the Company's service facilities of more than one pole and one span of circuit or the installation by the Company of additional transformer facilities, the Customer shall be required to execute a service agreement with an initial term of three years.

## UNEXPIRED CONTRACT CHARGES:

If the contracting Customer terminates service during the initial term of the agreement, and a succeeding Customer does not assume the same agreement for private lighting service at the same service address, the contracting Customer shall pay to the Company unexpired contract charges equal to the monthly rate times the number of remaining months in the contract period.

## SPECIAL PROVISIONS:

A The Customer shall make written application for this service on the Company's standard application form.

B The Customer shall provide, without cost to the Company, all permits, consents, or easements necessary for the erection, maintenance, and operation of the Company's facilities.

B C The Company reserves the right to restrict installations served under this schedule to areas easily accessible by service truck.

C D All facilities required for service under this schedule will be furnished, owned, installed, and maintained by the Company in accordance with the presently effective Construction Standards of the Company.

D E Extension of the Company's secondary circuit under this schedule more than one pole and one span of wire for service hereunder to any Customer is subject to prior study and approval by the Company.

E F The Company will not be obligated to patrol to determine outages or required maintenance of the facilities used for service under this schedule. Upon notification of any outage or required maintenance of facilities used hereunder, the Company will restore normal service as soon as practicable but only during regularly scheduled working hours. No reduction in billing shall be allowed for any outage of less than ten working days after notification of Company.

FILED

DATE OF ISSUE July 5, 1996  
month day yearDATE EFFECTIVE July 9, 1996  
month day yearISSUED BY S. W. Catron  
name of officerVice President  
title

MO PUBLIC SERVICE COMM

200 Walnut, Kansas City, Mo.  
address

KCPL Form 661H002 (Rev 6/94)



FORM NO. 13

P. S. C. MO. No. 7~~Original~~  
~~Revised~~SHEET No. 33BCancelling P. S. C. MO. No. 67All previous sheets~~Original~~  
~~Revised~~SHEET No. 33B

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

## PRIVATE UNMETERED PROTECTIVE LIGHTING SERVICE

Schedule AL

(continued)

## SPECIAL PROVISIONS: (continued)

- F G Upon receipt of written request from the Customer, the Company will, insofar as it may be practicable and permissible, relocate, replace or change its facilities used or to be used in rendering service to the Customer under this schedule, provided the Customer agrees in writing to reimburse the Company upon being billed for the Company's cost so incurred.
- G H If a Customer who has agreed to a specific lighting unit requests a change to a different lighting unit, the Customer shall pay the labor cost for the removal of the existing unit and the Base Charge for the new unit shall be applicable thereafter.
- H I All existing mercury vapor lights shall be changed to high pressure sodium lights when maintenance or changeout is required. When these changeouts occur, the Customer Base Charge will be changed to the high pressure sodium rate.
- I J When the Company changes mercury vapor lights, all lights at the same location will be changed to high pressure sodium. The 22,500 lumen mercury vapor area light will be retained. However, the Customer may change to any other light under Section A.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all Customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission.

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MO. PUBLIC SERVICE COMM

KCPL Form 661H002 (Rev 6/94)

DATE OF ISSUE

July 5, 1996

month day year

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July 9, 1996

month day year

ISSUED BY

S. W. Cettron

name of officer

Vice President

title

1201 Walnut, Kansas City, Mo.

address

Chris B. Deen

FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 35

Cancelling P. S. C. MO. No. 7

First

Original  
Revised

SHEET No. 35

KANSAS CITY POWER & LIGHT COMPANY  
Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area  
Community, Town or City

**MUNICIPAL STREET LIGHTING SERVICE**  
Schedule 1-ML

**Missouri Public**

**Service Commission**

**REC'D APR 22 1999**

**AVAILABILITY:**

Available for street lighting service through a Company-owned Street Lighting System within corporate limits of a municipality.

**TERM OF CONTRACT:**

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

**RATE (Incandescent):**

1.0 Street lamps equipped with a hood, reflector, and refractor, on wood poles or existing trolley poles served overhead by an extension not in excess of 500 feet per unit: (Code IWT)

Size of Lamp

Rate per Lamp per Year

1.1	4000 Lumen (400 c.p.)*	\$ 132.00 <u>145.80</u>
1.2	6000 Lumen (600 c.p.)*	152.88 <u>168.84</u>
1.3	10000 Lumen (1000 c.p.)*	199.56 <u>220.44</u>
1.4	15000 Lumen (1500 c.p.)*	253.68 <u>280.20</u>

2.0 Street lamps equipped with a hood, reflector, and refractor, on ornamental steel poles served overhead by an extension not in excess of 200 feet per unit: (Code IS)

Size of Lamp

Rate per Lamp per Year

2.1	4000 Lumen (400 c.p.)*	\$ 163.44 <u>180.48</u>
2.2	6000 Lumen (600 c.p.)*	184.68 <u>204.00</u>
2.3	10000 Lumen (1000 c.p.)*	234.24 <u>258.72</u>

\*Limited to the units in service on May 15, 1974 until removed.

**Missouri Public**  
**Service Commission**

99-313

**FILED AUG 01 1999**

DATE OF ISSUE April 23, 1999 DATE EFFECTIVE August 1, 1999  
month day year month day year

ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address



FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 35A

Cancelling P. S. C. MO. No. 7

First

Original  
Revised

SHEET No. 35A

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area

Community, Town or City

# MUNICIPAL STREET LIGHTING SERVICE ~~Missouri Public Service Commission~~ Schedule 1-ML (Continued)

## RATE (Incandescent): (continued)

3.0 Street lamps equipped with a hood, reflector, and refractor, on ornamental steel poles served underground by an extension not in excess of 300 feet per unit:

	Size of Lamp	Rate per Lamp per Year
3.1	4000 Lumen (400 c.p.) Under Sod* (1)	\$208.92 236.70 •
3.2	4000 Lumen (400 c.p.) Under Concrete* (2)	416.40 459.96 •
3.3	6000 Lumen (600 c.p.) Under Sod* (1)	230.28 254.40 •
3.4	6000 Lumen (600 c.p.) Under Concrete* (2)	437.40 483.12 •
3.5	10000 Lumen (1000 c.p.) Under Sod* (1)	280.32 309.60 •
3.6	10000 Lumen (1000 c.p.) Under Concrete* (2)	487.08 538.08 •
3.7	15000 Lumen (1500 c.p.) Under Sod* (1)	334.32 369.24 •
3.8	15000 Lumen (1500 c.p.) Under Concrete* (2)	541.20 597.84 •

(1) Code ISE; (2) Code ISC

4.0 Twin street lamps equipped with hood, reflector, and refractor, on ornamental steel poles and supplied from underground circuits, requiring an extension not in excess of 300 feet per twin unit:

	Size of Lamp	Rate per Lamp per Year
4.1	4000 Lumen (400 c.p.) Under Sod* (3)	\$341.28 376.92 •
4.2	6000 Lumen (600 c.p.) Under Sod* (3)	383.28 423.54 •
4.3	6000 Lumen (600 c.p.) Under Concrete* (4)	590.04 651.72 •
4.4	10000 Lumen (1000 c.p.) Under Sod* (3)	479.52 529.68 •
4.5	10000 Lumen (1000 c.p.) Under Concrete* (4)	686.40 758.16 •
4.6	15000 Lumen (1500 c.p.) Under Sod* (3)	587.64 649.08 •

(3) Code TISE; (4) Code TISC

6.0 Non-standard street lamps which may remain in service until replaced by a standard street lamp; maintenance limited to replacement of lamp and wiring: (Code X)

	Size of Lamp	Rate per Lamp per Year
6.1	2500 Lumen*	\$ 80.04 88.44 •
6.2	2500 Lumen (Street Obstruction)*	117.48 129.72 •

\*Limited to the units in service on May 15, 1974 until removed.

~~Missouri Public Service Commission~~

99-313  
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KCPL Form 661H002 (Rev 1/97)

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April 23, 1999

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August 1, 1999

ISSUED BY

J. S. Latz  
name of officerSenior Vice President  
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address

Chris B. Diller

FORM NO. 13

P. S. C. MO. No. 7

Second

SHEET No. 35B

7

First

SHEET No. 35B

Cancelling P. S. C. MO. No. ....

SHEET No. ....

KANSAS CITY POWER &amp; LIGHT COMPANY

Rate Area No. 1 - Urban Area

Name of Issuing Corporation or Municipality

Community, Town or City

# MUNICIPAL STREET LIGHTING SERVICE Schedule 1-ML

Missouri Public

(Continued)

JULY 22 1999

## RATE (Mercury Vapor):

- 7.0 Street lamps equipped with special cover assembly including support arm(s), reflector(s), and refractor(s), on ornamental steel poles served underground by an extension under concrete not in excess of 200 feet per unit: (Code USC)

1 MLML

- 7.1 Size of Lamp  
76000 Lumen<sup>(1)</sup>

Rate per Lamp

per Year

\$ 779.40 86088

## RATE (Mercury Vapor and High Pressure Sodium Vapor):

1 MLSL

- 8.0 Basic Installation:

Street lamps equipped with hood, reflector, and refractor, on wood poles serviced from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW)

- 8.1 8600 Lumen Mercury Vapor<sup>(1)</sup>  
8.2 12100 Lumen Mercury Vapor<sup>(1)</sup>  
8.3 22500 Lumen Mercury Vapor<sup>(1)</sup>  
8.4 9500 Lumen High Pressure Sodium  
8.5 16000 Lumen High Pressure Sodium  
8.6 27500 Lumen High Pressure Sodium  
8.7 50000 Lumen High Pressure Sodium

Rate per Lamp

per Year \*

\$150.12 165.84  
168.36 186.00  
183.72 202.92  
146.84 162.00  
163.32 180.36  
173.64 191.76  
189.48 209.28

\* Twin lamps shall be two times the rate per single lamp per year.

## RATE (Optional Equipment):

- 9.0 Optional Equipment: The following rates for Optional Equipment shall be added to the rate for Basic Installation listed in 8.0 above for Mercury Vapor and High Pressure Sodium Vapor installations only.

- 9.1 Ornamental steel pole instead of wood pole, additional charge per unit per year  
\$ 10.20 (New installations are available with underground service only).

11.28

<sup>(1)</sup>Limited to the units in service on April 18, 1992, until removed.

Missouri Public

Service Commission

99-313

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DATE EFFECTIVE August 1, 1999

ISSUED BY

J. S. Latz  
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title1201 Walnut, Kansas City, Mo.  
address



FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 35C

7

First

Original  
Revised

SHEET No. 35C

Cancelling P. S. C. MO. No.

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area

Community, Town or City

MUNICIPAL STREET LIGHTING SERVICE  
Schedule 1-MLMissouri Public  
Service Commission  
(Continued)

REC'D APR 22 1999

## RATE (Optional Equipment): (continued)

- 9.2 Aluminum pole instead of wood pole, additional charge per unit per year \$ ~~25.68~~ 28.32.  
(Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 50,000 Lumen High Pressure Sodium Vapor units.
- 9.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per year \$ ~~43.08~~ 47.64.
- 9.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per year \$ ~~164.64~~ 181.92.
- 9.5 Breakaway Base Additional charge per unit per year \$ ~~23.64~~ 26.16.  
(Available with underground service only).

## RATE (Customer-owned) (High Pressure Sodium Vapor):

- 10.0 Street lamps equipped with a hood, reflector, and refractor; owned, operated and maintained by the Customer. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rates: \*
- (1) Code CX [single]  
(2) Code TCX [twin]  
(3) Code TTCX [quadruple]

Annual energy charge shall be determined by the product of: (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.045. 0.050.

Annual service facilities charge shall be equal to 21.00% of the total installed cost of the Company street lighting service facilities as determined at the time of any installation, extension, addition or betterment of the Company's service facilities.

- 10.1 Specially designed street lamps equipped with three ornamental 150 watt High Pressure Sodium Vapor Luminaries and ornamental base and pole, referred to as San Francisco street lights, installed, owned, operated and maintained by the Customer. Company may, at its discretion, install such facilities provided the Customer agrees to pay the total cost of installation incurred by the Company. Lamps shall be controlled.

\* Limited to the units in service on May 5, 1986, until removed.

Missouri Public  
Service Commission  
99-313  
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August 1, 1999

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ISSUED BY

J. S. Latz  
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title1201 Walnut, Kansas City, Mo.  
address

Chris B. Dill

FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 35D

Cancelling P. S. C. MO. No. 7

First

Original  
Revised

SHEET No. 35D

KANSAS CITY POWER & LIGHT COMPANY  
Name of Issuing Corporation or MunicipalityFor Rate Area No. 1 - Urban Area  
Community, Town or CityMUNICIPAL STREET LIGHTING SERVICE  
Schedule 1-MLMissouri Public  
Service Commission

(Continued)

REC'D APR 22 1999

## RATE (Customer-owned) (High Pressure Sodium Vapor): (continued)

10.1 (continued):

Lamps shall be controlled

with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rate:

(1) Code CXP

Annual energy charge shall be determined by the product of (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.045.

0.050

## REPLACEMENT OF UNITS:

Existing street lamps shall be replaced at the same pole location with a different type of standard unit installation only by mutual agreement of the Company and the Municipality. The Company has the right to replace existing incandescent and mercury vapor street lamps in need of repair or replacement (or on poles in need of repair or replacement) with equivalent high pressure sodium vapor street lamps.

## STANDARD UNITS:

Standard street lamps are those mercury vapor or high pressure sodium vapor units for which a rate is stated except those with an X designation in the type code.

## BURNING HOURS:

Unless otherwise stated, lamps are to burn each and every day of the year from one-half hour after sunset to one-half hour before sunrise, approximately 4100 hours per year.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all Customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission.

Missouri Public  
Service Commission

99-313

FILED AUG 01 1999

DATE OF ISSUE April 23, 1999  
month day yearDATE EFFECTIVE August 1, 1999  
month day yearISSUED BY J. S. Latz  
name of officerSenior Vice President  
title1201 Walnut, Kansas City, Mo.  
address

KCPL Form 661H002 (Rev 1/97)



FORM NO. 13

P. S. C. MO. No. 7SecondOriginal  
RevisedSHEET No. 367

Cancelling P. S. C. MO. No. ....

FirstOriginal  
RevisedSHEET No. 36

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 3 - Suburban Area

Community, Town or City

MUNICIPAL STREET LIGHTING SERVICE  
Schedule 3-MLMissouri Public  
Service Commission

FILED APR 22 1999

## AVAILABILITY:

Available for street lighting service through a Company-owned Street Lighting System within corporate limits of a municipality.

## TERM OF CONTRACT:

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

## RATE (Incandescent):

. 3MLIL

- 1.0 Street lamps equipped with a hood and reflector, supported on wood poles and supplied from overhead circuits by an extension not in excess of 500 feet per unit: (Code X)

## Size of Lamp

## Rate per Lamp per Year

- 1.1 1000 Lumen (100 c.p.)\*

\$ 58.44 64.56 •

- 1.2 2500 Lumen (250 c.p.)\*

80.04 88.44 •

- 2.0 Street lamps equipped with a hood, reflector, and refractor, on wood poles served overhead by an extension not in excess of 500 feet per unit: (Code IWT)

## Size of Lamp

## Rate per Lamp per Year

- 2.1 4000 Lumen (400 c.p.)\*

\$ 132.00

14.5 80 •

\*Limited to units in service on May 15, 1974, until removed.

## RATE (Mercury Vapor and High Pressure Sodium Vapor):

. 3MLML  
3MLSL

- 3.0 Street lamps equipped with hood, open bottom refractor, and short bracket arm on existing wood poles served from existing overhead circuits: (Code EW)

## Size of Lamp

## Rate per Lamp per Year

- 3.1 8600 Lumen Mercury Vapor
- <sup>(1)</sup>

\$ 89.64 99.00 •

- 3.2 9500 Lumen High Pressure Sodium

86.28 95.28 •

- 3.3 16000 Lumen High Pressure Sodium

142.92 157.92 •

<sup>(1)</sup>Limited to the units in service on April 18, 1992, until removed.Missouri Public  
Service Commission

99-313

FILED AUG 01 1999

KCPL Form 661H002 (Rev 1/97)

DATE OF ISSUE April 23, 1999 DATE EFFECTIVE August 1, 1999ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

FORM NO. 13

P. S. C. MO. No. 7SecondOriginal  
Revised

SHEET No. 36A

Cancelling P. S. C. MO. No. 7FirstOriginal  
Revised

SHEET No. 36A

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 3 - Suburban Area

For Community, Town or City

MUNICIPAL STREET LIGHTING SERVICE  
Schedule 3-ML~~Missouri Public~~  
~~Service Commission~~  
(Continued)

RATE (Mercury Vapor and High Pressure Sodium Vapor): (continued)

REC'D APR 22 1999

4.0 Basic Installation:

Street lamps equipped with hood, reflector, and refractor, on wood poles served from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW)

	Size of Lamp	Rate per Lamp per Year*
4.1	8600 Lumen Mercury Vapor <sup>(1)</sup>	\$150.12 165.84 •
4.2	12100 Lumen Mercury Vapor <sup>(1)</sup>	168.36 186.00 •
4.3	22500 Lumen Mercury Vapor <sup>(1)</sup>	183.72 202.92 •
4.4	9500 Lumen High Pressure Sodium	146.64 162.00 •
4.5	16000 Lumen High Pressure Sodium	163.32 180.36 •
4.6	27500 Lumen High Pressure Sodium	173.64 191.76 •
4.7	50000 Lumen High Pressure Sodium	189.48 209.28 •

\* Twin lamps shall be two times the rate per single lamp per year.

<sup>(1)</sup>Limited to units in service on April 18, 1992, until removed.

## RATE (Optional Equipment):

5.0 Optional Equipment: The following rates for Optional Equipment shall be added to the Basic Installation rates listed in 3.0 above for Mercury Vapor and High Pressure Sodium Vapor installations only.5.1 Ornamental steel pole instead of wood pole, additional charge per unit per year \$10.20 11.28 •5.2 Aluminum pole instead of wood pole, additional charge per unit per year \$25.68 28.32 •  
(Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 50,000 Lumen High Pressure Sodium Vapor units.5.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per year \$43.08 47.64 •5.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per year \$164.64 181.92 •5.5 Breakaway Base 26.16 •  
Additional charge per unit per year \$23.64  
(Available with underground service only).~~Missouri Public~~  
~~Service Commission~~  
99-313  
FILED AUG 27 1999

KCPL Form 661H002 (Rev 1/97)

DATE OF ISSUE April 23, 1999DATE EFFECTIVE August 1, 1999

ISSUED BY

J. S. Latz  
name of officerSenior Vice President  
title1201 Walnut, Kansas City, Mo.  
address



FORM NO. 13

P. S. C. MO. No. 7~~Second~~{ Original  
Revised }

SHEET No. 36B

Cancelling P. S. C. MO. No. 7~~First~~{ Original  
Revised }

SHEET No. 36B

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 3 - Suburban Area

Community, Town or City

MUNICIPAL STREET LIGHTING SERVICE  
Schedule 3-ML~~Missouri Public  
Service Commission~~  
(Continued)

## RATE (Customer-owned):

~~REC'D APR 22 1999~~

6.0 Street lamps equipped with hood, reflector, and refractor, owned and installed by Customer, maintained by and controlled by the Company, served overhead or underground: (Code LMX)

	Size of Lamp		Rate per Lamp per Year
6.1	4000 Lumen - Limited Maintenance*	\$87.12	76.24
6.2	8600 Lumen - Limited Maintenance	72.96	80.64
6.3	22500 Lumen - Limited Maintenance	158.88	175.44
6.4	9500 Lumen - Limited Maintenance	72.96	80.64
6.5	27500 Lumen - Limited Maintenance	158.88	175.44

\* Limited to units in service on May 5, 1986, until removed.

## REPLACEMENT OF UNITS:

Existing street lamps shall be replaced at the same pole location with a different type of standard unit installation only by mutual agreement of the Company and the Municipality. The Company has the right to replace existing incandescent and mercury vapor street lamps in need of repair or replacement (or on poles in need of repair or replacement) with equivalent high pressure sodium vapor street lamps.

## STANDARD UNITS:

Standard street lamps are those mercury vapor units for which a rate is stated except those with an X designation in the type code.

## BURNING HOURS:

Unless otherwise stated, lamps are to burn each and every day of the year from one-half hour after sunset to one-half hour before sunrise, approximately 4100 hours per year.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission

~~Missouri Public  
Service Commission~~  
99-313  
FILED AUG 11 1999DATE OF ISSUE April 23, 1999 DATE EFFECTIVE August 1, 1999ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

FORM NO. 13

P. S. C. MO. No. 7Second{ Original  
Revised }SHEET No. 37Cancelling P. S. C. MO. No. 7First{ Original  
Revised }SHEET No. 37

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area  
Community, Town or CityMUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE  
Schedule 1-TR~~Missouri Public  
Service Commission~~

REC'D APR 22 1999

## AVAILABILITY:

Available for traffic control signal service through a Company-owned Traffic Control System within corporate limits of a municipality.

## TERM OF CONTRACT:

Contracts under this schedule shall be for a period of not less than ten years from the effective date thereof.

## RATE:

Basic Installations:• 17SLM

- (1) Individual Control. This basic installation consists of four mounted 3-light signal units all with 8-inch lenses, and is operated by its own controller (having no more than fourteen signal circuits), which is activated by a synchronous motor. The monthly rate for this basic installation is ~~\$110.87~~ 122.40.

- (2) Suspension Control:

- (a) 4-Way, 3-Light Signal Unit. This basic installation consists of four 3-light signal units all with 8-inch lenses mounted by pipe fittings with the entire assembly suspended from an overhead messenger or from a mast arm with a minimum clearance distance of 15 feet above the roadway. The installation is operated by its own controller, which is activated by a synchronous motor. The monthly rate for this basic installation is ~~\$50.87~~ 56.19. The suspension system for this signal unit is provided for under Supplemental Equipment, Mast Arm, Wood Pole Suspension or Steel Pole Suspension. Supplemental 3-light signal units may be added to this basic installation only if they are hung on the same suspension system as the initial units. If pole mounted units are requested, this basic installation shall be considered changed to an Individual Control with its concomitant rate and the suspension equipment shall be considered supplemental equipment with its concomitant rates.

~~Missouri Public  
Service Commission~~  
99-313  
FILED AUG 9 1999DATE OF ISSUE April 23, 1999 DATE EFFECTIVE August 1, 1999  
month day year month day yearISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

KCPL Form 661H002 (Rev 1/97)



FORM NO. 13

P. S. C. MO. No. 7~~Second~~~~Original~~  
RevisedSHEET No. 37A7Cancelling P. S. C. MO. No. 7~~First~~~~Original~~  
RevisedSHEET No. 37A

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 1 - Urban Area

For \_\_\_\_\_  
Community, Town or City

## MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE

Schedule 1-TR

~~Missouri Public~~  
~~Service Commission~~  
(Continued)

RECD APR 22 1999

RATE: (continued)

Basic Installations: (continued)(3) Flasher Control:(a) 1-Way, 1-Light Signal Unit. This basic installation consists of one 1-light signal unit with an 8-inch lens mounted on an existing post, with the traffic signal lamp flashing alternately "on" and "off" 24 hours per day. The monthly rate for this basic installation is ~~\$26.44~~ 28.84.(b) 1-Way, 2-Light Signal Unit. This basic installation consists of two 1-light signal units all with 8-inch lenses mounted on an existing post with the traffic signal lamps flashing alternately "on" and "off" so that one lamp shall be "on" while the other lamp shall be "off" 24 hours per day. The monthly rate for this basic installation is ~~\$32.65~~ 36.07.(c) 4-Way, 1-Light Signal Unit - Suspension. This basic installation consists of four 1-light signal units all with 8-inch lenses mounted by pipe fittings with the entire assembly suspended from an overhead messenger or from a mast arm with a minimum clearance distance of 15 feet above the roadway. The installation is operated by an individual flashing contactor which is activated by a synchronous motor. The monthly rate for this basic installation is ~~\$30.90~~. The suspension system for this signal unit is provided for under Supplemental Equipment, Mast Arm, Wood Pole Suspension or Steel Pole Suspension. 34.13.(4) Pedestrian Push Button Control. This basic installation consists of two 3-light units for vehicular control, two 2-light signal units for pedestrian control all with 8-inch lenses, a pair of push buttons for pedestrian actuation, a controller, and a flashing device. The monthly rate for this basic installation is ~~\$92.74~~ 102.44.~~Missouri Public~~  
~~Service Commission~~  
99-313  
FILED AUG 1 1999

KCPL Form 661H002 (Rev 1/97)

DATE OF ISSUE April 23, 1999 DATE EFFECTIVE August 1, 1999  
month day year month day yearISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title addressChris D. [Signature]

FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 37B

Cancelling P. S. C. MO. No. 7

First

Original  
Revised

SHEET No. 37B

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 1 - Urban Area

For Community, Town or City

MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICES  
Schedule 1-TRMissouri Public  
Service Commission  
(Continued)

REC'D APR 22 1999

RATE: (continued)

Basic Installations: (continued)

- (5) Coordinated Multi-Dial Control. This basic installation is available only if capacity is available in existing facilities as determined by the Company and consists of an individual control installation, controlled by either a 2-dial or a 3-dial controller. The timing of the controller is coordinated with another controlled intersection by means of interconnecting cable. The monthly rate for this basic installation is ~~\$168.53~~ <sup>180.64</sup> including an extension of no more than 600 feet of interconnecting coordinating cable from the nearest coordinated intersection with which such intersection is to be coordinated (measured in a straight line from the centers of the two intersections). That portion of an extension in excess of 600 feet of interconnecting coordinating cable is provided for at the rate for Supplemental Equipment, Excess Coordinating Cable. If a coordinated intersection is installed between two existing coordinated intersections on an existing interconnecting coordinating cable supplying such two intersections, any charge for Excess Coordinating Cable shall be recalculated to reflect the newly-created distances between the intersections involved.

- (6) Multi-Phase Electronic Control. This basic installation consists of an electronic controller (Eagle Moduvac type or equal) complete with cabinet, power supply and load relays; additional equipment as required, and all necessary interconnecting cables. The monthly rate for this basic installation determined on an individual intersection basis is as follows:

Kansas City, Missouri

Vivion Road & North Oak Trafficway <sup>698.88</sup> ~~\$632.70~~

If a customer shall request the installation of a different Multi-Phase Electronic Control at an intersection listed above other than the installation to which the above special rate is applicable or the installation of a Multi-Phase Electronic Control at an intersection not listed above, the monthly rate therefor shall be agreed upon in writing by the Company and the customer, subject to any requisite State Regulatory Commission approval.

Missouri Public  
Service Commission99-313  
FILED AUG 01 1999

DATE OF ISSUE

April 23, 1999

month day year

DATE EFFECTIVE

August 1, 1999

month day year

ISSUED BY

J. S. Latz

name of officer

Senior Vice President

title

1201 Walnut, Kansas City, Mo.

address



FORM NO. 13

P. S. C. MO. No. 7Shid  
Second{ Original  
Revised }

SHEET No. 37C

Cancelling P. S. C. MO. No. 7

First

{ Original  
Revised }

SHEET No. 37C

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area

Community, Town or City

MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE  
Schedule 1-TRMissouri Public  
Service Commission

(Continued)

REC'D APR 22 1999

RATE: (continued)

Supplemental Equipment.

- (1) Multi-Dial Controller. This supplemental equipment consists of a 2-dial or 3-dial controller with automatic switching equipment used on any basic installation. The monthly rate for this supplemental equipment is ~~\$11.44~~ 12.64.
- (2) Coordinating Cable Connection. This supplemental equipment is available only if capacity is available in existing facilities as determined by the Company and consists of a connection only of interconnecting coordinating cable from an existing Coordinated Multi-Dial intersection within the Traffic Control System to traffic control equipment outside the Traffic Control System. The monthly rate for this supplemental equipment is 14.38 • ~~\$13.02~~. Interconnecting coordinating cable necessary to effect the connection is provided for at the rate for Supplemental Equipment, Excess Coordinating Cable.
- (3) Excess Coordinating Cable. This supplemental equipment consists of the interconnecting coordinating cable in excess of 600 feet per intersection necessary to connect one or more coordinated intersections within the Traffic Control System, and all the interconnecting cable necessary to connect a coordinated intersection within the Traffic Control System to traffic control equipment outside the Traffic Control System.
- (a) Under Sod. The monthly rate for this supplemental equipment installed under sod is ~~\$0.00~~ 0.10.
- (b) Under Pavement. The monthly rate for this supplemental equipment installed under pavement is ~~\$0.29~~ 0.32.
- (4) 3-Light Signal Unit. This supplemental equipment consists of one 3-light signal unit with 8-inch lenses installed at any controlled intersection where the 3-light signal unit can be connected to the existing control cable and controller at such intersection. The monthly rate for this supplemental equipment is ~~\$15.76~~ 17.41. This supplemental equipment can be used with the basic 4-Way 3-Light Suspension Control Signal Unit only if the signal units are hung on the same suspension system as the initial units.

Missouri Public  
Service Commission  
99-313

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ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

KCPL Form 661H002 (Rev 1/97)



FORM NO. 13

P. S. C. MO. No. 7SecondOriginal  
Revised

SHEET No. 37D

Cancelling P. S. C. MO. No. 7FirstOriginal  
Revised

SHEET No. 37D

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

Rate Area No. 1 - Urban Area

For Community, Town or City

## MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE

Schedule 1-TR

Missouri Public  
Service Commission

(Continued)

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## RATE: (continued)

## Supplemental Equipment: (continued)

- (5) 2-Light Signal Unit. This supplemental equipment consists of one 2-light signal unit with 8-inch lenses installed at any controlled intersection where the 2-light signal unit can be connected to the existing control cable and controller at such intersection. The 2-light signal unit may have one lens worded "Walk" and the other lens worded "Wait", if specified by the customer. The monthly rate for this supplemental equipment is \$15.17. 16.70
- (6) 1-Light Signal Unit. This supplemental equipment consists of one 1-light signal with an 8-inch lens installed as an addition to an existing signal unit at any controlled intersection where the 1-light signal unit can be connected to the existing control cable and controller at such intersection. The monthly rate for this supplemental equipment is \$4.75. 5.25
- (7) Pedestrian Control Equipment. This supplemental equipment can be installed at any controlled intersection where the Pedestrian Control Equipment can be connected to the existing control cable and controller at such intersection, and operated by the existing controller at such intersection by the addition of necessary cams and relays.
- (a) Walk - Don't Walk Signal Unit. The "Walk - Don't Walk" signal unit consists of a mounted Winko-Matic type signal unit displaying the above-quoted words, installed within the downtown area of Kansas City, Missouri only. 18.63
- (i) The monthly rate for a single "Walk - Don't Walk" signal Unit is \$16.87.
- (ii) The monthly rate for two "Walk - Don't Walk" signal Units mounted on a single support is \$25.32. 27.97
- (b) Push Buttons, Pair. This supplemental equipment consists of a pair of push buttons for pedestrian actuation which may be installed as pedestrian actuation devices at a basic Individual Control installation where Treadle Detectors or Loop Detectors are used or as additional stations at a basic Pedestrian Push Button Control installation. The monthly rate for this supplemental equipment is \$2.13. 2.35

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ISSUED BY

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title1201 Walnut, Kansas City, Mo.  
address

Chris B. [Signature]

KCP&amp;L Form 861H002 (Rev 1/97)



FORM NO. 13

P. S. C. MO. No. 7

Second

Original  
Revised

SHEET No. 37E

Cancelling P. S. C. MO. No. 7

First

Original  
Revised

SHEET No. 37E

KANSAS CITY POWER & LIGHT COMPANY  
Name of Issuing Corporation or MunicipalityFor Rate Area No. 1 - Urban Area  
Community, Town or CityMUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE  
Schedule 1-TRMissouri Public  
Service Commission  
(Continued)

REC'D APR 22 1999

RATE: (continued)

## Supplemental Equipment: (continued)

(8) 12-Inch Round Lens. This supplemental equipment consists of a 12-inch diameter round lens and one 116-watt traffic signal type lamp which are substituted for an 8-inch lens and one 69-watt lamp. The monthly rate for this supplemental equipment is ~~\$3.85~~ 4.25.(9) 9-Inch Square Lens. This supplemental equipment consists of a 9-inch square lens and one 116-watt traffic signal type lamp which are substituted for an 8-inch lens and one 69-watt lamp. The monthly rate for this supplemental equipment is ~~\$4.36~~ 4.82.(10) Directional Louvre. This supplemental equipment consists of one special 8-inch or 12-inch directional louvre visor which is substituted for one standard visor. The monthly rate for this supplemental equipment is ~~\$0.94~~ 1.04.

(11) Vehicle - Actuation Units:

(a) Treadle Detector. This supplemental equipment consists of one pressure sensitive treadle detector installed in the pavement so that the pressure of passing vehicles operates the controller at the intersection. A treadle detector may be 6 feet or 8-feet in length and of the directional or non-directional type. The monthly rate for this supplemental equipment is ~~\$15.38~~ 16.99.

\*Treadle detectors shall not be used for new installations or replacements after July 16, 1974.

(b) Loop Detector.

(i) Single. This supplemental equipment consists of one loop detector and one loop installed in the pavement so that vehicles passing over the loop operate the controller at the intersection. The monthly rate for this supplemental equipment is ~~\$19.72~~ 21.78.(ii) Double. This supplemental equipment consists of one loop detector and two loops installed in the pavement so that vehicles passing over the loops operate the controller at the intersection. The monthly rate for this supplemental equipment is ~~\$31.29~~ 34.56.Missouri Public  
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ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

FORM NO. 13

P. S. C. MO. No. 7Second{ Original  
Revised }SHEET No. 37FCancelling P. S. C. MO. No. 7First{ Original  
Revised }SHEET No. 37F

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Rate Area No. 1 - Urban Area

Community, Town or City

MUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE  
Schedule 1-TR~~Missouri Public  
Service Commission~~  
(Continued)

REC'D APR 22 1999

## RATE: (continued)

Supplemental Equipment: (continued)

- (12) Flasher Equipment. This supplemental equipment consists of the necessary clock-controlled flasher equipment so that all signals at a controlled intersection may flash amber to traffic on the main street and flash red to traffic on the cross street during certain preset periods of time. The monthly rate for this supplemental equipment is \$5.60. 6.19

(13) Mast Arm:

- (a) Style 1. This supplemental equipment consists of presently installed "wind-brace" style steel mast arms not to exceed 25 feet in length supported on a steel pole which may or may not also support a street lighting unit. The mast arm shall provide a minimum clearance for the traffic signal unit of 15 feet above the street. The monthly rate for this supplemental equipment, including pole, one mast arm, wiring cable, and traffic signal unit attachments, but excluding the traffic signal unit, is \$22.49. Mast arms of this type shall not be used for new installations after July 16, 1974. 24.51
- (b) Style 2. This supplemental equipment consists of a steel mast arm not to exceed 30 feet in length supported on a steel pole which may or may not also support a street lighting unit. The pole and mast arm shall be of a "class" style with standard mast arm lengths of 15, 20, 25 or 30 feet, providing a minimum clearance for the traffic signal unit of 15 feet above the street. The monthly rate for this supplemental equipment, including pole, one mast arm, wiring cable, and traffic signal unit attachments, but excluding traffic signal unit, is \$26.22. 28.96
- (c) Style 3. This supplemental equipment consists of a steel mast arm over 30 feet but not to exceed 38 feet in length, supported on a steel pole which may or may not also support a street lighting unit. The pole and mast arm shall be of a "classic" style with standard mast arm lengths of 35 and 38 feet, providing a minimum clearance for the traffic signal unit of 15 feet above the street. The monthly rate for this supplemental equipment, including pole, one mast arm, wiring cable and traffic signal unit attachments, but excluding traffic signal unit, is \$26.97. 28.69

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ISSUED BY

J. S. Latz

name of officer

Senior Vice President

title

1201 Walnut, Kansas City, Mo.

address

Chris B. Davis



FORM NO. 13

P. S. C. MO. No. 7Second{ Original  
Revised }SHEET No. 37GCancelling P. S. C. MO. No. 7First{ Original  
Revised }SHEET No. 37GKANSAS CITY POWER & LIGHT COMPANY  
Name of Issuing Corporation or MunicipalityFor Rate Area No. 1 - Urban Area  
Community, Town or CityMUNICIPAL TRAFFIC CONTROL SIGNAL SERVICE  
Schedule 1-TR~~Missouri Public  
Service Commission~~  
(Continued)~~REC'D APR 22 1999~~

## RATE: (continued)

Supplemental Equipment: (continued)

- (14) Back Plate. This supplemental equipment consists of one back plate mounted behind a single head to extend 8 inches beyond the signal in all directions. The monthly rate for this supplemental equipment is \$1.19. 1.31 •
- (15) Wood Pole Suspension. This supplemental equipment consists of two wood poles, necessary guys and span cable to support suspension type traffic signal installations. The monthly rate for this supplemental equipment is \$12.46. 13.42 •
- (16) Steel Pole Suspension. This supplemental equipment consists of two steel poles, necessary guys and span cable to support suspension type traffic signal installations. The monthly rate for this supplemental equipment is \$29.31. 32.38 •
- (17) Pedestrian Timer. This supplemental equipment consists of a pedestrian timer installed where necessary to accomplish signal timing specified by the customer. The monthly rate for this supplemental equipment is \$6.89. 7.61 •

The monthly rates for each type of Supplemental Equipment at an intersection are in addition to the monthly rate for the Basic Installation at that intersection.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Regulatory Commission.

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FORM NO. 13

P. S. C. MO. No. 7~~Second~~Original  
RevisedSHEET No. 45Cancelling P. S. C. MO. No. 7~~First~~Original  
RevisedSHEET No. 45KANSAS CITY POWER & LIGHT COMPANY  
Name of Issuing Corporation or Municipality

Missouri Retail Service Area

For  
Community, Town or City~~Missouri Public~~~~Service Commission~~OFF-PEAK LIGHTING SERVICE  
Schedule OLS

FILED APR 22 1999

## AVAILABILITY:

For unmetered, secondary voltage, electric outdoor lighting service solely to governmental entities for purposes of enhancing security and/or illuminating streets, parks, athletic fields, parking lots, or other outdoor facilities. The lamps served under this schedule must be controlled with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Governmental entities qualifying for service under this schedule include departments, agencies, and subdivisions of the United States, the State of Missouri, counties, municipalities, and school districts.

Service to privately-owned lights or Company-owned street lights shall not be supplied under this schedule. Standby, back-up, supplementary, temporary, or seasonal service shall not be supplied under this schedule.

## TERM OF CONTRACT:

Contracts under this schedule shall be for a period of not less than one year from the effective date thereof.

## RATE:

1.0 The Customer will pay a monthly charge for each lamp based upon the nominal rating in watts and the type of lamp. The monthly charges for high-pressure sodium and metal halide lamps are shown as follows:

	Nominal Rating in Watts	Energy Blocks (kWh)	Energy Block Price per kWh
1.1	1 - 99	Total Watts X MBH X BLF ÷ 1000	\$0.045 <del>0.050</del>
1.2	100 - 149	First 100 Watts X MBH X BLF ÷ 1000 Excess over 100 Watts X MBH X BLF ÷ 1000	\$0.045 <del>0.050</del> \$0.043 <del>0.047</del>
1.3	150 - 249	First 100 Watts X MBH X BLF ÷ 1000 Next 50 Watts X MBH X BLF ÷ 1000 Excess over 150 Watts X MBH X BLF ÷ 1000	\$0.045 <del>0.050</del> \$0.043 <del>0.047</del> \$0.041 <del>0.045</del>
1.4	250 - 399	First 100 Watts X MBH X BLF ÷ 1000 Next 150 Watts X MBH X BLF ÷ 1000 Excess over 250 Watts X MBH X BLF ÷ 1000	\$0.045 <del>0.050</del> \$0.041 <del>0.045</del> \$0.037 <del>0.041</del>
1.5	400 and Above	First 100 Watts X MBH X BLF ÷ 1000 Next 300 Watts X MBH X BLF ÷ 1000 Excess over 400 Watts X MBH X BLF ÷ 1000	\$0.045 <del>0.050</del> \$0.037 <del>0.041</del> \$0.037 <del>0.041</del>

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FORM NO. 13

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Revised }SHEET No. 45ACancelling P. S. C. MO. No. 7~~First~~{ Original  
Revised }SHEET No. 45A

KANSAS CITY POWER &amp; LIGHT COMPANY

Name of Issuing Corporation or Municipality

For Missouri Retail Service Area

Community, Town or City

OFF-PEAK LIGHTING SERVICE  
Schedule OLSMissouri Public  
Service Commission  
(Continued)

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## RATE (continued):

- 2.0 The monthly charges for all types of lamps other than high-pressure sodium or metal halide are shown as follows:

Nominal Rating in Watts	Energy Blocks (kWh)	Energy Block Price per kWh
2.1 All Wattages	Total Watts X MBH X BLF ÷ 1000	\$0.045 <u>0.50</u>

Definitions:

- 1) MBH = Monthly Burning Hours (4100 hours divided by 12). Lamps served under this rate schedule are assumed to burn 4100 hours per year.  
2) BLF = Ballast Loss Factor, which is 1 plus the manufacturer's published ballast loss percentage (expressed as a decimal fraction) for the installed unit.

## TAX ADJUSTMENT:

Tax Adjustment Schedule TA shall be applicable to all Customer billings under this schedule.

## REGULATIONS:

Subject to Rules and Regulations filed with the State Commission.

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