

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original  Original  Revised Sheet No. 43N  
Canceling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

## BUILDING OPERATOR CERTIFICATION PROGRAM Schedule BOC

### PURPOSE:

This voluntary program is designed to establish and encourage Building Operator Certification through the Northwest Energy Efficiency Council's Building Operator Certification Level 1 and Level 2 curriculums. In support of partnerships with the Missouri Department of Natural Resources Energy Center (MDNR) and the Midwest Energy Efficiency Alliance (MEEA), KCP&L will:

- Reimburse the annual cost to license the Level 1 and Level 2 curriculums for KCP&L's Missouri service territory.
- Reimburse portions of the tuition costs for Building Operators associated with properties in KCP&L's service area who successfully complete the certifications.

KCP&L's participation in this Program was set forth in Appendix C, described in the "Energy Efficiency" section, of the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

### AVAILABILITY:

The certification courses funded by this Program will be available through MDNR for any Building Operator employed by a company having at least one Missouri commercial property receiving electrical service from KCP&L.

Reimbursements for the successful completion of the certifications are available to any Building Operator associated with at least one Missouri commercial property receiving electrical service from KCP&L.

### PROGRAM ADMINISTRATION:

The Program will be administered by the Missouri Department of Natural Resources' Energy Center and the Midwest Energy Efficiency Alliance.

### PROGRAM COST:

KCP&L will reimburse the MDNR for the amount paid annually to license the Level 1 and Level 2 curriculums for the KCP&L area, currently \$25,000 per certification class (about 20 students per class).

Tuition reimbursements of \$575 per certification level will be paid to the sponsor or individual paying the tuition. To receive the reimbursement, qualified Building Operators must complete a reimbursement request and submit it to KCP&L. The reimbursement form is available by contacting KCP&L directly.

To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year. After five years from the effective date of the Building Operator Certification Program, if there is excess funding, the amount shall be available for other KCP&L energy efficiency programs.

DATE OF ISSUE: January 2, 2007 DATE EFFECTIVE: February 2, 2007  
ISSUED BY: Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3253 of 4512

P.S.C. MO. No. 7 Original  Original  Revised Sheet No. 430  
Canceling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

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## BUILDING OPERATOR CERTIFICATION PROGRAM Schedule BOC

(continued)

### TERM OF PROGRAM:

The term of this program will be five years from the effective date, pursuant to the terms defined in agreements with the MDNR and the MEEA.

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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## LOW-INCOME AFFORDABLE NEW HOMES Schedule ANH

### PURPOSE:

This voluntary program is intended to provide incentives to builders of qualified new homes for low-income customers for the installation of Energy Star® rated lighting fixtures, Energy Star® rated refrigerators, high-efficiency central cooling equipment, and increased R-factor insulation in the home's attic, floor, or crawlspace. KCP&L's participation in this Program was set forth in Appendix C, described in the "Affordability" section, of the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

### AVAILABILITY:

This Program is available to builders and developers of qualified new homes, within the KCP&L service territory, for persons having household earnings at or below the household earnings guideline for the applicable low income assistance program administered by the authorized government agency.

Generally, the guidelines for rental property assistance provide that household earnings be at or below 60% of the State median income for the area and the guidelines for home ownership assistance provide that household earnings be at or below 80% of the State median income for the area. The household earnings guidelines are subject to change by the authorized government agency.

### PROGRAM ADMINISTRATION:

The Program will be administrated by KCP&L. Agreements will be established with builders or developers of qualified homes, who will then invoice KCP&L for incentives and will be paid up to \$100 per home for installing Energy Star® rated lighting fixtures, up to \$200 per home for installing an Energy Star® rated refrigerator, up to \$800 per home for installing high efficiency central cooling equipment (14 SEER or greater), and up to \$400 per home for upgrading to at least one of the following: R42 attic insulation, R25 floor insulation, or R19 crawlspace insulation. Proof of installation will be required prior to payment of incentives.

### PROGRAM COST:

The total expenditure for each year of the Program will be defined by KCP&L in accordance with Appendix C. Incentives will be provided at the defined rates until budgeted funds are expended for the year. To the extent there are excess funds for a given year, the amount of excess will be "rolled over" to be utilized for the Program in the succeeding year. After five years from the effective date of the Low-Income Affordable New Homes Program, budgeted funds not utilized will be available for other KCP&L affordability programs. Energy Star® rated recommendations are subject to change as Energy Star® standards are set by the administering federal agency.

### TERM OF PROGRAM:

The term of this Program will be five years from the effective date, pursuant to the terms defined in agreements with the builders.

### EVALUATION:

Impacts associated with this Program will be estimated based upon engineering analysis. If a control group can be identified, a billing analysis may be conducted after homes that have participated in the Program have been occupied for at least one full calendar year.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3255 of 4512

P.S.C. MO. No. 7 Original  Original  Revised Sheet No. 43Q  
Canceling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

## COOL HOMES PROGRAM Schedule CHP

### PURPOSE:

The Cool Homes Program (CHP or Program) is a voluntary program is designed to encourage residential customers to have existing cooling systems evaluated and if feasible, brought back to factory specifications (re-commissioned), or replace less efficient, working central cooling systems with high efficiency central cooling systems.

The intent of Kansas City Power & Light Company's participation in this Program was set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329 (Stipulation & Agreement).

### DEFINITIONS:

Administrator – The Program will be implemented by a third-party vendor specializing in programs of this type. The Administrator will be responsible for marketing, training, incentives and reports.

CheckMe!® – A standard testing process developed by Proctor Engineering Group, Ltd. used by CHP HVAC Contractors to properly evaluate existing systems such as refrigerant charge and airflow. CheckMe!® will be used to determine if it is feasible to re-commission the system.

EER – *Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump at a particular pair of external and internal temperatures. Calculated by dividing the amount of cooling put out by an air conditioning system, in British thermal units (Btu), divided by the amount of energy put in to it in kilowatt (kW). If the air conditioning capacity of a heat pump is 48,000 Btu and the compressor, fan and pumps consume 3.43 kW (3,430 watts), the EER is:  $48,000 / 3,430 = 14.0$ .

HVAC – *Heating, Ventilation, Air Conditioning*, equipment or people associated with equipment.

KCP&L – *Kansas City Power & Light*, the electric service provider.

Participant – Any KCP&L customer receiving service under any generally available residential rate schedule who requests to be in the Cool Homes Program.

CHP HVAC Contractor – A properly licensed HVAC contractor who requests to participate in the Program and completes training courses conducted by the Program Vendor.

SEER – *Seasonal Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump over a range of expected external temperatures (i.e., the temperature distribution for the geographical location for the SEER test). SEER rating is the Btu of cooling output during a simulated, typical cooling season divided by the total electric energy input in watt-hours during the same period. The relationship between SEER and EER is relative because equipment performance is dependent on seasonal temperature, humidity, and air pressure patterns.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3256 of 4512

P.S.C. MO. No. 7 Original  Original  Revised Sheet No. 43R  
Canceling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

## COOL HOMES PROGRAM Schedule CHP

(Continued)

### AVAILABILITY:

This Program is available to any present KCP&L Customer receiving service under any generally available residential rate schedule.

The Program Vendor will identify and contact HVAC contractors associated with national brand networks or industry associations to recruit CHP HVAC Contractors. Other HVAC contractors wishing to become CHP HVAC Contractors may contact KCP&L directly for consideration. Prospective contractors will be required to complete training courses conducted by the Program Vendor.

### PROGRAM PROCESS:

Prospective Participants will be identified in three ways:

- Customer electric usage data will be evaluated to identify Customers with a high probability of operating less efficient central air conditioning equipment.
- Participating CHP HVAC contractors may identify any of their existing customers suitable for the Program.
- Customers interested in the program, but not identified through the above means may contact a participating CHP HVAC contractor or KCP&L directly. A listing of participating CHP HVAC contractors will be posted on the KCP&L website.

The following general process will be followed to serve Participants in the Program:

- The Program Vendor will assign Participants to a CHP HVAC Contractor for service.
- The CHP HVAC Contractor will evaluate the Customer's cooling system using CheckMe!®.
- Participants with equipment that can be re-commissioned to operate above an EER rating of 8.0 will be offered an opportunity to return the equipment as close as possible to manufacturer specifications at no cost to the customer. All Participants will receive a recommendation for replacement of their system with a higher efficiency system. The Participants will be responsible for the cost of the replacement equipment less the applicable incentives.
- The Participant can choose not to re-commission or replace their equipment.
- Four Compact Florescent Lights will be given to all Participants completing the initial CheckMe!® process regardless of their equipment choices.
- Where work is performed, a second CheckMe!® evaluation will be completed to verify the re-commissioning modifications or ensure the quality installation of new equipment.
- Providing incentives to Participants through CHP HVAC Contractors to help offset equipment costs and provide for quality installation practices.

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 Canceling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
 For Missouri Retail Service Area

## COOL HOMES PROGRAM Schedule CHP

(Continued)

### PROGRAM ADMINISTRATION:

The Program will be implemented by the Administrator. The Administrator will be responsible for market research, participant identification, advertising, training, incentive processing, and status reporting associated with the Program. KCP&L will maintain oversight of the Program through monthly, quarterly, and yearly status reports and meetings with the Administrator.

### PROGRAM COST:

Program related services and incentives will be paid initially by the Administrator and will then be billed to KCP&L on a per unit basis. Unit pricing is defined in agreements with the Administrator. Incentive amounts of \$650 per unit for installation of SEER 14.0 or 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above rated equipment will be paid to the CHP HVAC Contractor. The CHP HVAC contractor will pass the equipment incentive to the Participant in the form of an itemized credit on the transaction documents. Similarly, if re-commissioning is feasible the entire cost will be paid by KCP&L through the Administrator to the CHP HVAC contractor.

The total expenditure for each year of the Program is defined by KCP&L in accordance with the Stipulation and Agreement and is estimated to be:

	2007	2008	2009	2010	2011	Total
Program	\$1,805,746	\$1,856,768	\$1,984,321	\$1,963,451	\$2,019,205	\$9,629,491
MO (51.5%)	\$929,959	\$ 956,236	\$1,021,925	\$1,011,177	\$1,039,891	\$4,959,188

Missouri expenditures are not to exceed a maximum of \$4,959,188 over the 5-year pilot program timeframe. Payments will be provided until budgeted funds are expended for the year. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

### TERM OF PROGRAM:

The term of this Program will be five years from the effective date of CHP tariff sheets, pursuant to the terms defined in agreements with the Administrator.

### EVALUATION:

Program evaluation will be conducted by a third party and will include random on-site inspections, engineering analysis, and process and impact analysis. Spot metering and run-time data will also be collected to verify the connected load and full load hour estimates in the engineering analysis along with pre-post billing analysis. The evaluation will also include a non-participant group. Upon approval, a detailed evaluation plan will be developed.

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For Missouri Retail Service Area

## Home Performance with ENERGY STAR® Schedule HP

### PURPOSE:

This voluntary Home Performance with ENERGY STAR® (HPwES) Program is intended to encourage residential Customers to identify and implement improvements that can be applied to their home to improve energy efficiency and comfort while helping to protect the environment by conducting a HPwES designed comprehensive home assessment (Assessment).

The Company will partner with the Metropolitan Energy Center (MEC) to implement the Program. The Company's participation in this Program was set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 (Stipulation and Agreement).

### DEFINITIONS:

- Assessment – An initial energy evaluation of the home that includes observation of lighting and appliances as well as performance testing of the ventilation and mechanical systems, building tightness, and insulation levels that will result in a scope of work outlining recommended energy efficiency improvements. All improvements performed will be verified after completion.
- Consultant – Third party companies certified to perform the HPwES Assessment and provide a scope of work to the Customer detailing the recommended improvements.
- Contractor – Third party companies certified to perform the HPwES Assessment, provide a scope of work to the Customer detailing the recommended improvements, and complete the implementation of the specified improvements.
- HPwES – A national program from the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) offers a comprehensive, whole-house approach to improving energy efficiency and comfort at home, while helping to protect the environment. The Company is in a partnership with MEC to implement the national program locally under the sponsorship of the Missouri Department of Natural Resources Energy Center (MDNR).
- Improvements – Energy efficiency changes applied to the home to eliminate air leaks, add insulation, seal ductwork, improve heating and cooling systems, and upgrade lighting and appliances.

### AVAILABILITY:

This Program may be applied to any home, multiplex, or apartment where the current resident is receiving service under any generally available residential rate schedule offered by the Company. All Assessments must be requested by the owner of the home. Program rebates are limited to one rebate per Assessment. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3259 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43U  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
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For Missouri Retail Service Area

## Home Performance with ENERGY STAR® Schedule HP

(continued)

### PROGRAM PROCESS:

- 1) The Company will promote the Program to residential Customers through mediums that may include press releases, direct mailings, bill messages, bill inserts, and web site materials.
- 2) Interested Customers will respond by email message, call a dedicated telephone number, contact a participating Contractor/Consultant, or contact the Company. All contacts will be directed to the MEC to facilitate and track the remaining interactions.
- 3) The MEC will make contact with the Customer to explain the Assessment process. Customers will be given the option of:
  - a) selecting a Contractor who will perform the Assessment and will be capable of installing the Improvements or
  - b) selecting a Consultant who will perform the Assessment only.
- 4) The cost to the Customer for the Assessment will typically range from \$300 to \$500.
- 5) The Contractor/Consultant will perform the Assessment and communicate the results to the Customer through a scope of work statement. The scope of work will include a list of recommended energy efficiency Improvements.
- 6) Customers who choose the Contractor will work with that Contractor to complete the Improvements.
- 7) Customers who choose the Consultant will select a Contractor from a list of participating Contractors that may be retained to complete the Improvements.
- 8) Following the implementation of the Improvements and at no additional cost to the Customer, the Contractor/Consultant will conduct a second Assessment to verify the work.
- 9) Customers that choose to implement at least one of the recommended Improvements may request a full rebate of the cost of the Assessment from the Company.
- 10) Qualifying Improvements exclude Improvements associated with existing Company Programs (i.e. Energy Optimizer, Cool Homes, Change a Light, etc.) or Improvements related to natural gas-only equipment.
- 11) Customers may request a rebate of a portion of their improvements cost such that the total rebate to the Customer does not exceed \$600 per Assessment.
- 12) Customers will be required to complete a rebate request, available from the Contractor/Consultant or the Company website, and submit a copy of the invoices associated with the Assessment and Improvement. Improvements must be installed by a certified Contractor to qualify for the rebate.

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WPD-6  
Tariff Sheets  
Page 3260 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43V  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
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## Home Performance with ENERGY STAR® Schedule HP

(continued)

### PROGRAM ADMINISTRATION:

The Program will be administered by the MEC under the oversight of the MDNR, the state sponsor for Illinois, Missouri, and Kansas. MEC will be responsible for managing the process and flow of the local HPwES Program. This will include Contractor/Consultant recruiting, training and certification, management of the lead generation process, comprehensive home assessment education for Customers, and quality assurance. All Contractor/Consultant incentives will be paid by MEC. MEC is responsible for all oversight of the Contractor/Consultants and will be responsible for resolving any reported Customer complaints. MDNR will coordinate agreements with its local partners, produce a multi-state marketing plan, facilitate peer exchange, monitor quality assurance, and report results to the DOE and EPA.

### PROGRAM COST:

The total expenditure for each year of the Program as defined by the Company is estimated to be:

	2008	2009	2010	2011	2012	Total
Program	\$137,500	\$137,500	\$157,500	\$137,500	\$137,500	\$707,500
MO (51.5%)	\$70,813	\$70,813	\$81,112	\$70,813	\$70,813	\$364,364

These amounts will provide for incentive payments, marketing costs, evaluation cost, and Company administrative costs. Payments will be provided until the budgeted funds for the total Program are expended. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

### EVALUATION:

The Company will provide an evaluation of the Program in 2010. The evaluation will include a billing analysis comparison between participating Customers and a control group.

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## ENERGY STAR® New Homes Schedule NH

### PURPOSE:

This voluntary ENERGY STAR® New Homes (ESNH) Program is designed to improve the energy efficiency of new homes built in the residential construction market. Greater energy efficiency is achieved by applying efficient construction techniques and high-performance products (windows, doors, appliances, lighting, and heating and cooling systems) in accordance with guidelines set by the U.S. Environmental Protection Agency (EPA) through the ENERGY STAR® program. Homes built under the ENERGY STAR® guidelines are typically 20–30% more energy efficient than standard homes.

The Company's participation in this Program was set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 (Stipulation and Agreement).

### DEFINITIONS:

**Builder –** Companies or individuals in the business of constructing new, residential homes within the Company's service territory.

**HERS Index –** The Home Energy Rating System (HERS) Index is a scoring system established by the Residential Energy Services Network. In that system homes are given a score indicating their relative level of energy efficiency:

- homes built to the specifications of the HERS Reference Home, based on the 2006 International Energy Conservation Code (IECC), score a HERS Index of 100,
- homes that produce as much energy as they consume in a year, achieving net zero energy consumption, score a HERS Index of 0 and
- homes that do not meet the 2006 IECC would have a HERS Index greater than 100.

The lower a home's HERS Index, the more energy efficient it is in comparison to the HERS Reference Home. Each 1-point decrease in the HERS Index corresponds to a 1% reduction in energy consumption compared to the HERS Reference Home. Residential Energy Services Network is a non-profit corporation recognized by the EPA as a national standards making body for building energy efficiency rating systems. The International Energy Conservation Code is a model energy building code produced by the International Code Council® providing minimum energy efficiency provisions for residential and commercial buildings.

**HERS Rater –** A person certified by the Residential Energy Services Network, in accordance with its standards, to produce accurate and fair HERS Index ratings.

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WPD-6  
Tariff Sheets  
Page 3262 of 4512

P.S.C. MO. No. 7 Should Be 1st Revised Sheet  Original Sheet No. 43X  
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## ENERGY STAR® New Homes Schedule NH

(continued)

### DEFINITIONS (continued):

Homes – Newly constructed residential structures three stories or less including site constructed homes, attached or detached homes, single or low-rise multi-family residential buildings, system-built homes (structural insulated panels or modular) and log homes. Units in four- and five-story multi-family buildings may qualify for ENERGY STAR if: 1) The structure is permitted as residential by the local building department; and 2) each residential unit has its own heating, cooling, and hot water systems, separate from other units. The phrase, "permitted as residential structures," is intended to represent units that either fall within the scope of the residential building energy code or are permitted as having a residential use-group, even under conditions where the commercial building energy code applies.

### AVAILABILITY:

The training, rating and incentive elements of the Program are available to Builders constructing Homes within the Company's service territory. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

### PROGRAM PROCESS:

1. The Company will complete the necessary requirements to obtain *Partner* status with ENERGY STAR® to promote the ESNH Program regionally. *Partner* status will provide the Company access to technical information and tools needed to promote and sponsor the Program.
2. The Company will work with Builders in the Company's service territory to help them achieve *Partner* status with ENERGY STAR® under the ESNH Program. *Partner* status for Builders will provide access to technical information and tools needed to comply with the Program and the terms associated with displaying the ENERGY STAR® qualification.
3. As necessary, the Company will expand the availability of certified HERS Raters within the Company's service territory. The HERS program will be used to provide independent, third party verification of ESNH construction.
4. Builders will construct Homes according to one of the following agreement structures:
  - a. Performance agreement – In this structure, Builders submit construction plans for analysis prior to construction. Using standardized software, the analysis will yield a HERS Index rating. Homes built to the specifications of construction plans analyzed to have an index of 85 or below will qualify for ENERGY STAR® rating.
  - b. Prescriptive agreement – In this structure, Builders apply specific energy efficiency measures, pre-defined by ENERGY STAR® and available through its website, to a Home. The measures include high efficiency heating and cooling equipment, ductwork, windows, water heating, lighting, and appliances. Where applicable, ENERGY STAR® rated equipment is specified.
5. For single Homes, the Builder will retain a HERS Rater to complete onsite inspections. Inspections will occur twice, once during the construction and once following completion of the Home to verify compliance with ENERGY STAR® requirements. Inspection costs of up to \$750 per Home will be paid by the Company.

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Cancelling P.S.C. MO. No.	<u>7</u>		<input checked="" type="checkbox"/> Original	Sheet No. <u>43Y</u>
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			For	<u>Missouri Retail Service Area</u>

## ENERGY STAR® New Homes Schedule NH

(continued)

### PROGRAM PROCESS (continued):

6. For Homes that achieve ENERGY STAR® qualification, Builders may request a rebate of \$800 per Home toward the incremental cost of meeting ENERGY STAR® requirements. The annual maximum rebate for each builder or for each development is \$500,000. After the Company reviews projects paid during the first six months of a Program year, the Company may approve application for additional rebates if the Program funds are available. The rebate request form is available from the Company.
7. The Company will promote the Program to residential Customers through mediums that may include press releases, direct mailings, bill messages, bill inserts, trade ally communications, and web site materials.
8. The Company will obtain ENERGY STAR® materials and establish a clearinghouse of training materials, marketing resources and tools that can be used by Builders and the Company to implement and promote the Program.

### PROGRAM ADMINISTRATION:

The Program will be administered by the Company in compliance with terms established by ENERGY STAR®.

### PROGRAM COST:

The total expenditure for each year of the Program is estimated to be:

	2008	2009	2010	2011	2012	Total
Program	\$80,000	\$920,000	\$1,735,000	\$1,685,000	\$1,685,000	\$6,105,000
MO (51.5%)	\$41,200	\$473,800	\$893,525	\$867,775	\$867,775	\$3,144,075

These amounts will provide for incentive payments, ratings, marketing costs, evaluation cost, and Company administrative costs. Payments will be provided until the budgeted funds for the total Program are expended. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

### EVALUATION:

The Company will provide to the Commission Staff an evaluation of the Program approximately thirty months after implementation. The evaluation will include a billing analysis comparison between participating Customers and a control group.

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WPD-6  
Tariff Sheets  
Page 3264 of 4512  
Sheet No. 43Z

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

## **ECONOMIC RELIEF PILOT PROGRAM** **Schedule ERPP**

### PURPOSE:

The Economic Relief Pilot Program (ERPP) offered by the Company provides an opportunity to relieve the financial hardship experienced by some of our customers. Through this three (3) year pilot\* we shall endeavor to insure this program is a valuable and viable program for customers.

### APPLICATION:

This ERPP is applicable to qualified customers for residential service billed under Schedule R. The ERPP will, on a pilot basis, provide up to 1,000 participants with a fixed credit on their monthly bill (ERPP credit), for a period up to 12 months from the billing cycle designated by the Company as the participant's first month until the billing cycle designated as the participant's last for ERPP. At the end of the 12 month period, a customer may reapply to participate further in the program through the term of the pilot program.

### DEFINITIONS:

**Qualified Customer** – A customer receiving residential service under Schedule R who is classified as low-income by the Missouri Department of Social Service criteria and whose annual household income is no greater than 185% of the federal poverty level, as established by the poverty guidelines updated periodically in the Federal Register by the U.S. Department of Health and Human Services under the authority of 42 U.S.C. 9902 (2).

**Applicant** – A qualified customer who submits an ERPP application form for the ERPP credit.

**Participant** – An applicant who agrees to the terms of the ERPP and is accepted by the Company.

**Program Funds** – Annual ratepayer funding for the ERPP is \$315,000. Ratepayer funding shall be matched dollar for dollar by the Company. The \$630,000 annual sum of ratepayer funding and Company matching funds shall be the "program funds".

**Agencies** – The social service agencies serving the Company's service territory that qualify and assist ERPP customers pursuant to written contract between the Company and the Agencies.

\* The three year pilot begins on the original effective date of this program.

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Sr. Director

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# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

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Cancelling P.S.C. MO. No.

Original

Revised

WPD-6  
Tariff Sheets  
Page 3265 of 4512  
Sheet No. 43Z.1

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

## ECONOMIC RELIEF PILOT PROGRAM Schedule ERPP

(Continued)

### AVAILABILITY:

Service under this rate schedule shall be available to up to 1,000 participants in the Company's service area who satisfy the following eligibility requirements:

1. Participant must be a customer receiving residential service under the Company's Schedule R.
2. Participant's annual household income must be verified initially, and annually thereafter, as being no greater than 185 percent (185%) of the federal poverty level.
3. Participants who have outstanding arrearages will enter special pay agreements as mutually agreed to by both the Participant and the Company.
4. Participants must provide, via an interview or questionnaire, information related to their energy use and program participation. Any information provided in these interviews or questionnaires that is later made public will not be associated with the participant's name.
5. Any provision of the Company's rules and regulations applicable to the Company's Schedule R customers will also apply to ERPP participants.
6. Participants will not be subject to late payment penalties while participating in the program.

### ENERGY ASSISTANCE:

1. Participants who have not previously completed an application for a LIHEAP ("Low-Income Home Energy Assistance Program") grant agree to apply for a LIHEAP grant when such grants become available. The Company, through the Agencies, shall assist ERPP participants with completion of LIHEAP application forms when such assistance is requested.
2. Applicants agree to apply for any other available energy assistance programs identified by the Company.

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7

- Original  
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WPD-6  
Tariff Sheets  
Page 3266 of 4512  
Sheet No. 43Z.2

Cancelling P.S.C. MO. No.

Sheet No.

For Missouri Retail Service Area

## ECONOMIC RELIEF PILOT PROGRAM Schedule ERPP

(Continued)

### CREDIT AMOUNT:

Participants shall receive the available ERPP credit for so long as the participant continues to meet the ERPP eligibility requirements and reapplies to the program as required.

Up to 1,000 participants shall receive the ERPP credit in the amount of each participant's average bill for the most recent 12 months bills, not to exceed \$50 per month. The credit amount will be determined by the Company at the time of enrollment.

### DISCONTINUANCE AND REINSTATEMENT:

The Company will discontinue a participant's ERPP credit for any of the following reasons:

1. If the Company, through the Agencies, determines the participant no longer meets the eligibility requirements set forth in this tariff.
2. If the participant submits a written request to the Company asking that the ERPP credit be discontinued.
3. If the participant does not conform to the Company's rules and regulations as approved by the Missouri Public Service Commission, and as a result the participant has Schedule R service discontinued.

Reinstatement of the ERPP credit following discontinuance in the above circumstances and after the participant again meets the eligibility requirements will be at the discretion of the Company.

### MISAPPLICATION OF THE ERPP CREDIT:

Providing incorrect or misleading information to obtain the ERPP credit shall constitute a misapplication of the ERPP credit. If this occurs the Company may discontinue the ERPP credit and rebill the account for the amount of all ERPP credits received by the participant. Failure to reimburse the Company for the misapplication of the ERPP credits may result in termination of customer's electric service pursuant to the Company's rules and regulations. However, nothing in this experimental tariff shall be interpreted as limiting the Company's rights under any provisions of any applicable law or tariff.

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- Original  
 Revised  
 Original  
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WPD-6  
Tariff Sheets  
Page 3267 of 4512  
Sheet No. 43Z.3

Cancelling P.S.C. MO. No. \_\_\_\_\_

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

## ECONOMIC RELIEF PILOT PROGRAM Schedule ERPP

(Continued)

### OTHER CONDITIONS:

The ERPP program has been designed so that the Company neither profits from nor incurs losses as a result of offering this experimental program.

Costs of administering the program, including those costs charged by the Agencies, shall be paid from the program funds.

The Company will gather and maintain participant data on usage, arrears, payments and other relevant factors to be used in the evaluation of the program.

The Company shall make non-confidential data, as well as any and all program evaluations that are conducted, available to the parties.

The pilot program may be evaluated in any Company rate or complaint case. The evaluation shall be conducted by an independent third party evaluator under contract with the Company, that is acceptable to the Company, Commission Staff and the Public Counsel. The costs of the evaluator shall be paid from the program funds.

If any program funds in excess of actual program expenses remain at the end of the ERPP program, the Company shall redirect the excess funds to tariffed demand-side management programs.

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WPD-6  
Tariff Sheets  
Page 3268 of 4512

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For Missouri Retail Service Area

## AMI PROGRAMMABLE THERMOSTAT PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule APTP

### PURPOSE:

The Advanced Metering Infrastructure (AMI) Programmable Thermostat Pilot Program (Program), deployed within the SmartGrid demonstration area, is intended to provide the Company with: 1) experience with new technologies; 2) an opportunity to learn about Customer behaviors and preferences; 3) the ability to reduce system peak load and thus defer the need for additional capacity; and 4) the ability to mitigate congestion on the distribution system. The Program accomplishes this by raising or lowering the temperature in a Company coordinated effort on the thermostat(s) provided to the Customer.

### DEFINITIONS:

Programmable Thermostat

A ZigBee enabled device, supported by a two-way communication infrastructure that complies with the National Institute of Standards and Technology (NIST) SmartGrid Interoperability Framework and approved SmartGrid Standards. The device communicates with networked smart devices, such as electricity meters and outlets, and the Energy Management Web Portal.

Program Administrator

Third-party vendor contracted to implement the Program. The Administrator will be responsible for preparation and planning, deployment of the devices, support services, project management, Program reporting, and potentially marketing and outreach. The Company will maintain oversight of the Program.

Advanced Metering Infrastructure (AMI)

A communication network that includes a meter that records consumption in intervals of an hour or less and communicates the information at least daily to Customers and to the Company via the communications network. It also enables two-way communication between the meter and the central system.

### AVAILABILITY:

This Program will be made available to any current Customer within the SmartGrid Demonstration Area under any generally available residential or small commercial rate schedule (SGS) who has a Company-installed AMI meter. Customers must have a working central air conditioning system of suitable size and technology to be controlled by a programmable thermostat. Residential property owner's (owner occupant or landlord for a rental property) permission is required to participate. Commercial property owner's permission may be required for a tenant to participate. The Company may limit the number of participants based on available Program budget or market saturation.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3269 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43AB  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
 Revised  
For Missouri Retail Service Area

## AMI PROGRAMMABLE THERMOSTAT PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule APTP

(continued)

### CONTROLS AND INCENTIVES:

Participants will receive a programmable thermostat that can be controlled via a signal sent to the unit by the Company or its assignees via broadband or the AMI communication network. During a curtailment event, the Company or its assignee may send a signal to the thermostat that will adjust the thermostat temperature setting. Participants may use the programmable thermostat throughout the year to improve heating and cooling efficiency. The Company may test more than one programmable thermostat during the pilot to test interoperability of the various devices.

### CURTAILMENT METHODS:

The Company may elect to enact a load reduction strategy by raising or lowering a Participant's thermostat setting. A pre-cooling or pre-heating option is available to customers whereby the temperature of a building is lowered or raised by a few degrees before the start of a curtailment event.

### NOTIFICATION:

The Company will notify Participants of a curtailment event via one or more of the following communication vehicles: a website, the thermostat, an in home display unit, and/or the Energy Management Web Portal. The notification can occur prior to or at the start of a curtailment event.

### CURTAILMENT SEASON:

This Program is designed to operate year-round.

### CURTAILMENT LIMITS:

The Company may call a curtailment event any weekday, Monday through Friday, excluding holidays, with no limit on the total number of curtailments or number of consecutive days curtailed. The Company is not required to curtail all Participants simultaneously and may stagger curtailment events across Participants.

### CURTAILMENT OPT OUT PROVISION:

A Participant may opt out of curtailment events by notifying the Company at any time prior to or during a curtailment event. Notification must be communicated to the Company via an Energy Management Web Portal, the programmable thermostat device, or by phone. The Energy Management Web Portal software will track customers that have opted out of each event.

### NEED FOR CURTAILMENT:

Curtailments may be requested for operational or economic reasons. Operational curtailments may occur when any physical operating parameter(s) approaches a constraint on the generation, transmission or distribution systems or to maintain the Company's capacity margin requirement. Economic curtailments may include any occasion when the marginal cost to produce or procure energy or the price to sell the energy in the wholesale market is greater than a Customer's retail price. Some curtailments may also be called to facilitate testing within the SmartGrid Demonstration Area.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3270 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43AC  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
 Revised  
For Missouri Retail Service Area

## AMI PROGRAMMABLE THERMOSTAT PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule APTP

(continued)

### CONTRACT TERM:

Initial contracts will be for a period lasting the duration of the Pilot Program, terminable thereafter on 90 days written notice. At the end of the initial term, the programmable thermostat becomes the Participant's property; however, so long as the contract is in force, the Company will provide maintenance and repair to the programmable thermostat as may be required due to normal use. If the Participant leaves the Program prior to the end of the initial contract, the Company will have 60 days thereafter to remove the programmable thermostat and/or other control equipment; otherwise, it becomes the Participant's property.

### TERM OF PROGRAM:

The term of this Program will be October 2010 – December 2014. The Company reserves the right to modify or terminate this Program at any time, subject to Commission Approval.

### EVALUATION:

The Company's evaluation, measurement and verification (EM&V) consists of multiple parts, including process evaluation, impact evaluation, monitoring, and verification. The Company retains an EM&V contractor to perform process and impact evaluations for its programs in order to avoid conflicts of interest and to insure credibility of the evaluation results. It is anticipated that EM&V would be completed six months prior to the end of the SmartGrid Demonstration Project (June 2014).

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3271 of 4512

P.S.C. MO. No. 7

Original

Sheet No. 43AD

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Sheet No. \_\_\_\_\_

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For Missouri Retail Service Area

## IN HOME DISPLAY PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule IHD

### PURPOSE:

The In Home Display (IHD) Pilot Program (Program) is a voluntary program in which the Company will provide Participants with a device aimed at helping them better manage their energy costs through real-time feedback. The portable device receives a signal directly from the meter or via the internet, which is then used to display the Participant's energy information on a digital display. The IHD is capable of displaying the following information:

- current consumption levels and energy rates
- energy demand and usage on a cost-per-hour basis for up-to-the-minute bill tracking
- visual and/or audible alerts informing the consumer about their usage patterns, price changes, or demand response events
- utility generated text messages (select IHD devices).

The Company may test more than one in home display unit during the pilot to test interoperability of the various devices. The Program will provide the Company with: 1) experience with in home display devices; and 2) an opportunity to learn about Customer behaviors and preferences.

### DEFINITIONS:

In Home Display

A ZigBee enabled device, supported by a two-way communication infrastructure that complies with the National Institute of Standards and Technology (NIST) SmartGrid Interoperability Framework and approved SmartGrid Standards. The device communicates with certified networked smart devices, such as thermostats, electricity meters and outlets, and displays near real-time information about consumption levels and energy rates.

Program Administrator

Third-party vendor contracted to implement the Program. The Administrator will be responsible for preparation and planning, deployment of the devices, support services, project management, Program reporting, and potentially marketing and outreach. The Company will maintain oversight of the Program.

Advanced Metering Infrastructure (AMI)

A communication network that includes a meter that records consumption in intervals of an hour or less and communicates the information at least daily to Customers and to the Company via the communications network. It also enables two-way communication between the meter and the central system.

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WPD-6  
Tariff Sheets  
Page 3272 of 4512

P.S.C. MO. No. 7  Original  Revised Sheet No. 43AE  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original  Revised Sheet No. \_\_\_\_\_  
For Missouri Retail Service Area

## IN HOME DISPLAY PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule IHD

(continued)

### AVAILABILITY:

This Program will be made available to any current Customer within the SmartGrid demonstration area under any generally available residential or small commercial rate schedule (SGS) who has a Company-installed AMI meter. The Company may limit the number of participants based on available Program budget or market saturation.

### PROGRAM PROCESS:

- The Company or Administrator will promote the Program through mediums that may include direct mail, telemarketing, email, text messaging, social media websites, face-to face interactions, or website promotions.
- The Customer may enroll for the Program via the website or by phone.
- The Company may test different methods of delivery that include:
  - Shipping the IHD directly to the customer
  - Hosting training workshops in which customers will receive an IHD upon successful completion
- Customers will be required to sign a participant agreement form.
- The Company will own the device throughout the duration of the Program and will provide support services.
- Upon completion of the Program Customers will retain ownership of the IHD.
- In the future, estimated to occur in 2011, Customers may choose to integrate the IHD they receive with a Home Area Network at which point the two-way communication will be supported by a broadband connection.

### TERM OF PROGRAM:

The term of this Program will be October 2010 – December 2014. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

### EVALUATION:

The Company's evaluation, measurement and verification (EM&V) consists of multiple parts, including process evaluation, impact evaluation, monitoring, and verification. The Company retains an EM&V contractor to perform process and impact evaluations for its Programs in order to avoid conflicts of interest and to insure credibility of the evaluation results. It is anticipated that EM&V would be completed six months prior to the end of the SmartGrid Demonstration Project (June 2014).

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3273 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43AF  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
 Revised  
For Missouri Retail Service Area

## ENERGY MANAGEMENT WEB PORTAL PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule EMW

### PURPOSE:

The Energy Management Web Portal (Portal) Pilot Program (Program) is a key component of the SmartGrid Demonstration Project providing the Customer key usage information and integration of all the smart end uses via a web-based tool. The Energy Management Web Portal Pilot Program will provide Participants with internet access visibility into how their energy is being consumed with graphical displays of their energy consumption and cost information as well as their monthly bill estimate. Participants will be able to view this information by hour, day, month, or year and compare this information to their historical energy usage. In addition, the Portal will provide current pricing information and display a message and alert board where messages from the Company can be displayed. This energy consumption information will help educate the Participant and create engagement by showing how shifts in their energy consumption could lead to lower monthly energy usage.

With the future upgrades to the Portal, Participants will be able to choose to explicitly opt-in or out of demand response events as they occur. Participants will also be able to control the Home Area Network (HAN) hardware including In Home Displays (IHD), Programmable Thermostats and Load Control Switches (LCS) via the Portal. The Program will provide the Company with: 1) experience with an energy management web portal; and 2) an opportunity to learn about Customer behaviors and preferences.

### DEFINITIONS:

Energy Management Web Portal	Web-based tool providing graphical displays of their energy consumption and cost information as well as their monthly bill estimate. Customers will be able to view this information by hour, day, month, or year and compare this information to their historical energy usage. Customers will also be able to control hardware devices with this tool.
Program Administrator	Third-party vendor contracted to implement the Program. The Administrator will be responsible for preparation and planning, deployment of the devices, support services, project management, Program reporting, and potentially marketing and outreach. The Company will maintain oversight of the Program.
Advanced Metering Infrastructure (AMI)	A communication network that includes a meter that records consumption in intervals of an hour or less and communicates the information at least daily to Customers and to the Company via the communications network. It also enables two-way communication between the meter and the central system.

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3274 of 4512

P.S.C. MO. No. 7  Original Sheet No. 43AG  
 Revised  
Cancelling P.S.C. MO. No. \_\_\_\_\_  Original Sheet No. \_\_\_\_\_  
 Revised  
For Missouri Retail Service Area

## ENERGY MANAGEMENT WEB PORTAL PILOT PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule EMW

(continued)

### AVAILABILITY:

This Program will be made available to any current Customer within the SmartGrid demonstration area under any generally available residential or commercial rate schedule who has a Company-installed AMI meter and Internet accessibility.

### PROGRAM PROCESS:

The Company or Administrator will promote the Program through mediums that may include direct mail, telemarketing, email, text messaging, social media websites, face-to face interactions, or website promotions. Customers will be able to access a log-in interface via the KCP&L website. Customers who do not have an existing AccountLink account may register for a new account and receive immediate access to their energy information.

### TERM OF PROGRAM:

The term of this Program will be October 2010 – December 2014. The Company reserves the right to modify or terminate this Program at any time, subject to Commission Approval.

### EVALUATION:

The Company's evaluation, measurement and verification (EM&V) consists of multiple parts, including process evaluation, impact evaluation, monitoring, and verification. The Company retains an EM&V contractor to perform process and impact evaluations for its Programs in order to avoid conflicts of interest and to insure credibility of the evaluation results. It is anticipated that EM&V would be completed six months prior to the end of the SmartGrid Demonstration Project (June 2014).

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WPD-6  
Tariff Sheets  
Page 3275 of 4512  
Sheet No. 43AH

Sheet No. \_\_\_\_\_

For Missouri Retail Service Area

## LIGHTING THE GRID PROGRAM FOR THE SMARTGRID DEMONSTRATION AREA Schedule LTG

### APPLICATION:

The Lighting the Grid Program (Program) is designed to encourage the replacement of less efficient, energy consuming bulbs by educating Customers on the benefits of the more efficient technology and providing compact fluorescent lights (CFLs) to Customers.

### DEFINITIONS:

Advanced Metering Infrastructure (AMI)

A communication network that includes a meter that records consumption in intervals of an hour or less and communicates the information at least daily to Customers and to the Company via the communications network. It also enables two-way communication between the meter and the central system.

### AVAILABILITY:

This Program will be made available to any current Customer within the SmartGrid Demonstration Area. The Company may limit the number of participants based on available Program budget.

### PROGRAM PROCESS:

The Company will distribute CFL's to eligible Customers through general distribution. Throughout the Program, in the SmartGrid demonstration area, the Company will distribute and promote the benefits of CFL bulbs to Customers at events such as informational sessions, presentations, or Customer outreach events.

### TERM OF PROGRAM:

The term of this Program will be from the effective date of the original tariff through December 31, 2014. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

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WPD-6  
Tariff Sheets  
SHEET No. 44  
Page 3276 of 4512

Cancelling P. S. C. MO. No. 6 All previous sheets

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{ Revised }

SHEET No. ....

KANSAS CITY POWER & LIGHT COMPANY

Name of Issuing Corporation or Municipality

For... Missouri Retail Service Area  
Community, Town or City

**RECEIVED**

PROMOTIONAL PRACTICES  
VARIANCES

JUL 5 1996

MISSOURI  
Public Service Commission

1.0 FARMLAND INDUSTRIES:

Kansas City Power & Light Company will:

1. Provide a one-time payment to Farmland Industries (Farmland), in the amount of \$50,000, to assist Farmland in installing a thermal storage system at its corporate headquarters, located at 3315 North Oak Trafficway, Kansas City, Missouri;
2. Calculate Farmland's billing demand during the summer season as the highest demand that occurs that month during the period 12 p.m. to 8 p.m., Monday through Friday (except holidays).

KCPL Form 681H002 (Rev 6/84)

**FILED**

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JUL 9 1996

MO. PUBLIC SERVICE COMM

DATE OF ISSUE July 5, 1996 DATE EFFECTIVE July 9, 1996  
month day year month day year

ISSUED BY S. W. Catron Vice President 1201 Walnut, Kansas City, Mo.  
name of officer title address

# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3277 of 4512

P.S.C. MO. No. 7 Fifth  Original  Revised Sheet No. 45  
 Cancelling P.S.C. MO. No. 7 Fourth  Original  Revised Sheet No. 45  
 For Missouri Retail Service Area

## OFF-PEAK LIGHTING SERVICE Schedule OLS

### 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	\$0.062
1.2	100 - 149	First 100 Watts X MBH X BLF ÷ 1000 Excess over 100 Watts X MBH X BLF ÷ 1000	\$0.062 \$0.058
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	\$0.062 \$0.058 \$0.056
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	\$0.062 \$0.056 \$0.051
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	\$0.062 \$0.051 \$0.051

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WPD-6  
Tariff Sheets  
Page 3278 of 4512

P.S.C. MO. No. 7 Fifth  Original  Revised Sheet No. 45A  
Cancelling P.S.C. MO. No. 7 Fourth  Original  Revised Sheet No. 45A  
For Missouri Retail Service Area

## OFF-PEAK LIGHTING SERVICE Schedule OLS

(Continued)

### RATE (continued):

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

<u>Nominal Rating in Watts</u>	<u>Energy Blocks (kWh)</u>	<u>Energy Block Price per kWh</u>
2.1 All Wattages	Total Watts X MBH X BLF ÷ 1000	\$0.062

### 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 Regulatory Commission.

DATE OF ISSUE: July 8, 2009  
ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

FILED  
Missouri Public  
Service Commission  
ER-2009-0089; JE-2010-0014

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First

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

- Original  
 Revised  
 Original  
 Revised

WPD-6  
Tariff Sheets  
Page 3279 of 4512  
Sheet No. 46

Sheet No. 46

For Missouri Retail Service Area

## SOLAR PHOTOVOLTAIC REBATE PROGRAM

### Schedule SR

#### PURPOSE:

The Solar Photovoltaic Rebate Program (SPRP or Program) provides rebates to Missouri electric utility retail customers, pursuant to §393.1030, RSMo, who install new or expanded Solar Electric Systems that become operational after December 31, 2009.

#### AVAILABILITY:

The Program is available to any Customer currently receiving service under any generally available retail rate schedule, with an account that is not delinquent or in default at the time of rebate processing, and has completed the required rebate application. Funds for the Program will be limited by the Company based on the limits of §393.1030, RSMo, 4 CSR 240-20.100, or Schedule NMRF, the Company's Net Metering for Renewable Fuel Sources tariff.

#### DEFINITIONS:

Solar Electric System – a permanently installed, new or expanded system, interconnected and operated in parallel phase and synchronization with an electric utility that has been approved for interconnection by said electric utility, which uses solar modules to convert light into electricity. As installed, the Solar Electric System shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system as verified by the Customer or the Customer's installer at the time of installation. Systems are declared by the Customer to remain in place on the Customer's premises for the duration of its useful life which shall be deemed to be ten (10) years unless determined otherwise by the Commission. The system must consist of equipment that is commercially available and factory new when installed on the Customer's premises and the principal system components (i.e. photovoltaic modules and inverters and excluding battery components) shall be covered by a functional warranty from the manufacturer for a minimum period of ten (10) years.

DATE OF ISSUE: September 1, 2010  
ISSUED BY: Curtis D. Blanc,  
Sr. Director

DATE EFFECTIVE: October 1, 2010

1200 Main, Kansas City, Mo. 64106 FILED

Missouri Public  
Service Commission  
JE-2011-0113

**KANSAS CITY POWER & LIGHT COMPANY**

P.S.C. MO. No. 7 First

Original  
 Revised

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

Original  
 Revised

Sheet No. 46A

For Missouri Retail Service Area

**SOLAR PHOTOVOLTAIC REBATE PROGRAM**  
**Schedule SR (Continued)**

**PROGRAM REBATE:**

Customers with installed and interconnected Solar Electric Systems may be eligible to receive a rebate of two (\$2) dollars per installed watt up to a maximum of twenty-five (25) kilowatts (kW) per retail account (\$50,000). For the purpose of determining the amount of rebate, the Solar Electric System wattage rating will be the direct current wattage rating provided by the original manufacturer. Customers will be required to complete a rebate application. Applications will be accepted for pre-approval starting January 1, 2010. Customers will be notified in writing, by letter or email, that the rebate application has been accepted or that the rebate application has not been accepted.

The Customer must notify the Company when the Solar Electric System is ready for interconnection. The Company will verify the Solar Electric System installation at the time of interconnection. A rebate payment will be issued within thirty (30) days of verification. If full operation is not achieved within six (6) months of acceptance of the rebate application, in order to keep eligibility for the rebate offer, the Customer must file a report with the Company demonstrating substantial project progress and indicating continued interest in the rebate. The six (6)-month report shall include proof of purchase of the majority of the solar electric system components, partial system construction, and building permit if required by the jurisdictional authority. Customers who do not demonstrate substantial progress within six (6) months of receipt of the rebate offer, or achieve full operation within one (1) year of receipt of rebate offer, will be required to reapply for any solar rebate.

Rebates will be paid on a first-come, first-served basis, as determined by the Solar Electric Systems operational date. Any rebate applications that are received in a particular calendar year but not approved due to Program funding limitations will be the first applications considered in the following calendar year. Applications accepted by the Company will expire 12 months after receipt if the Customer has not satisfied the terms of this tariff or if the Solar Electric System has not become operational. All Application forms may be obtained from the Company's website [www.KCPL.com](http://www.KCPL.com).

**SOLAR ELECTRIC SYSTEM INTERCONNECTION AND INSPECTION:**

Interconnection of the Solar Electric System shall be made under Schedule NMRF, the Net Metering for Renewable Fuel Sources tariff approved by the Commission for customer-owned renewable generation. The Solar Electric System shall meet all of the requirements of Schedule NMRF to be considered for rebate under this Program.

The Company reserves the right to audit and inspect Customer owned Solar Electric Systems for which it has paid a rebate, at any reasonable time, with prior notice of at least three (3) business days provided to the Customer. Advance notice is not required if there is reason to believe the Solar Electric System poses a safety risk to the Customer, the premises, the Company's electrical system or the Company's personnel.

**SOLAR RENEWABLE ENERGY CREDIT (S-REC):**

The Customer retains ownership of all S-REC's created by the operation of the solar electric system. The Company may at its discretion, offer a standard contract for the purchase of S-RECs created by the customer's installed solar electric system.

DATE OF ISSUE: September 1, 2010  
ISSUED BY: Curtis D. Blanc,  
Sr. Director

DATE EFFECTIVE: October 1, 2010  
1200 Main, Kansas City, Mo. 64106 **FILED**

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First

Original

Sheet No. 5

Revised

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

Original

Sheet No. 5

Revised

For Missouri Retail Service Area

## RESIDENTIAL SERVICE Schedule R

### AVAILABILITY:

\*For secondary electric service to a single-occupancy private residence and individually-metered, multiple occupancy residential dwellings:

Single-phase electric service through one or more meters for ordinary domestic and farm use for all customers who request to be served under this rate. Customers currently served with separately metered space heat shall be eligible for the single meter heat rate (Rate B) only if the needed meter conversion from two meters to a single meter can be made.

\*Three-phase electric service for ordinary domestic and farm use customers being served residential three-phase prior to the effective date of this revision or, at the Company's discretion, for residential customers requesting ordinary domestic use residential three-phase service subsequent to the effective date of this revision. The Customer shall bear all costs related to provision of three-phase service greater than the costs associated with providing normal, single-phase residential.

Single-phase electric service through a single or separately metered circuit for space heating purposes in the residence. Single metered electric space heating equipment shall be of a size and design sufficient to heat the entire residence. Electric space heating equipment may be supplemented by wood burning fireplaces, wood burning stoves, active or passive solar heating, and used in conjunction with fossil fuels where the combination of energy sources results in a net economic benefit to the customer. Electric space heating equipment shall be permanently installed and thermostatically controlled. In addition to the electric space heating equipment, only permanently installed all-electric single-phase equipment used to cool or air condition the same space which is electrically heated may be connected to the separately metered circuit, with the exception noted in Rate Section D below.

For secondary electric service through one meter, at one point of delivery to a single metered multiple-occupancy residential building:

The total monthly bill to each such building to which service is delivered and metered at one point shall consist of the customer charge multiplied by total number of residence units plus each kilowatt hour step shall be multiplied by total number of residence units and calculated on the Residential Service Rate Schedule. This paragraph applies only to single metered multiple-occupancy buildings served as such prior to June 1, 1981.

Customers served under the RDS, RTDD, and RTDE Rate Schedules as of July 9, 1996, must take service under the R or RTOD Rate Schedules.

Temporary or seasonal service will 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.

\*Indicates change

DATE OF ISSUE: March 1, 2005

DATE EFFECTIVE: March 31, 2005

ISSUED BY:

1201 Walnut, Kansas City, Mo. 64106

William P. Herdegen  
Vice President

**FILED**  
**MO PSC**

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

Fifth

Original

Revised

Cancelling P.S.C. MO. No.

7

Fourth

Original

Revised

WPD-6  
Tariff Sheets  
Page 3282 of 4512

Sheet No. 5A

Sheet No. 5A

For Missouri Retail Service Area

## RESIDENTIAL SERVICE Schedule R

(Continued)

### RATE:

Single-phase kWh and three-phase kWh will be cumulated for billing under this schedule.

#### A. RESIDENTIAL GENERAL USE:

Customer Charge (Per Month) \$8.67

Energy Charge (Per kWh)	<u>Summer Season</u>	<u>Winter Season</u>
First 600 kWh per month	\$0.1050	\$0.0944
Next 400 kWh per month	\$0.1050	\$0.0566
Over 1000 kWh per month	\$0.1050	\$0.0473

#### B. RESIDENTIAL GENERAL USE AND SPACE HEAT - ONE METER:

When the customer has electric space heating equipment for the residence and the equipment is of a size and design approved by the Company and not connected through a separately metered circuit, the kWh shall be billed as follows:

Customer Charge (Per Month) \$8.67

Energy Charge (Per kWh)	<u>Summer Season</u>	<u>Winter Season</u>
First 1000 kWh per month	\$0.1050	\$0.0663
Over 1000 kWh per month	\$0.1050	\$0.0464

DATE OF ISSUE: July 8, 2009  
ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

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Service Commission  
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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3283 of 4512  
Sheet No. 5B

P.S.C. MO. No. 7 Fifth

Original  
 Revised

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

Original  
 Revised

Sheet No. 5B

Missouri Retail Service  
For Area

## RESIDENTIAL SERVICE Schedule R

(Continued)

### RATE: (continued)

#### C. RESIDENTIAL GENERAL USE AND SPACE HEAT - 2 METERS:

When the customer has electric space heating equipment for the residence and the equipment is of a size and design approved by the Company connected through a separately metered circuit, the kWh used shall be billed as follows. The option of separately metered space heating is limited to premises connected prior to January 1, 2007.

Customer Charge (Per Month) \$10.64

	<u>Summer Season</u>	<u>Winter Season</u>
Energy Charge (Per kWh):		
First 600 kWh per month	\$0.1050	\$0.0944
Next 400 kWh per month	\$0.1050	\$0.0566
Over 1000 kWh per month	\$0.1050	\$0.0473

Separately metered space heat rate:

All kWh (Per kWh)	\$0.1050	\$0.0452
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D. When a customer has electric space heating equipment and electric water heating equipment of a size and design approved by the Company connected through a separately metered circuit, the kWh used shall be billed on Rate C above. This option of connecting water heating equipment on the separately metered circuit is limited to customers being served under this schedule prior to July 9, 1996.

#### E. MONTHLY BILL ADJUSTMENT (IF APPLICABLE):

The monthly bill will be adjusted in an amount provided by provisions of the Residential Conservation Service Program, Schedule RCS, P.S.C. Mo. No. 7, Sheet 3.

### MINIMUM:

Minimum Monthly Bill:

- (1) Customer Charge; plus
- (2) Any additional charges for line extensions, if applicable; plus
- (3) The monthly adjustment for Residential Conservation Service Program costs, if applicable.

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ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

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FORM NO. 13

P. S. C. MO. No. 7

First

WPD-6  
Tariff Sheets  
Page 3284 of 4512

{ Original } SHEET No. 5C  
{ Revised }

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

{ Original } SHEET No. 5C  
{ Revised }

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

For Missouri Retail Service Area  
Community, Town or City

**RESIDENTIAL SERVICE  
Schedule R**

**Missouri Public  
Service Co (Continued)**

**REC'D APR 14 1999**

**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.

**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 1/97)

**Missouri Public  
Service Commission**

**FILED MAY 14 1999**

DATE OF ISSUE April 14, 1999 DATE EFFECTIVE May 14, 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

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

Fifth

Original

Revised

WPD-6  
Tariff Sheets  
Page 3285 of 4512  
Sheet No. 8

Cancelling P.S.C. MO. No.

7

Fourth

Original

Revised

Sheet No. 8

For Missouri Retail Service Area

## RESIDENTIAL TIME OF DAY SERVICE Schedule RTOD

### AVAILABILITY:

For electric service to a single-occupancy private residence:

Single-phase electric service through one meter for ordinary domestic use for the first 500 new or existing customers who request to be served under this schedule. This limit may be extended upon prior consent of the Company depending upon the availability and installation of metering equipment.

This rate schedule is a replacement for Schedule RTDE, cancelled July 9, 1996.

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

### RATE:

Single-phase kWh will be cumulated for billing under this schedule.

- A. Customer Charge:  
\$ 13.37 per customer per month.
- B. Energy Charge:
- Summer Season:  
On-Peak Hours  
\$0.1610 per kWh for all kWh per month.
- Off-Peak Hours  
\$0.0897 per kWh for all kWh per month.
- Winter Season:  
\$0.0663 per kWh for all kWh per month

DATE OF ISSUE: July 8, 2009  
ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

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Service Commission  
ER-2009-0089; JE-2010-0014

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

Fourth

Original

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Cancelling P.S.C. MO. No.

7

Third

Original

Revised

WPD-6  
Tariff Sheets  
Page 3286 of 4512  
Sheet No. 8A

Sheet No. 8A

For Missouri Retail Service  
Area

## RESIDENTIAL TIME OF DAY SERVICE Schedule RTOD

(Continued)

### MONTHLY BILL ADJUSTMENT (IF APPLICABLE):

The monthly bill will be adjusted in an amount provided by provisions of the Residential Conservation Service Program, Schedule RCS, P.S.C. Mo. No. 7, Sheet 3.

### MINIMUM:

Minimum Monthly Bill:

- (i) \$13.37 per customer; plus
- (ii) Any additional charges for line extensions; plus
- (iii) The monthly adjustment for Residential Conservation Service Program costs, if applicable.

### WINTER SEASON:

Eight consecutive months, spanning the period October 1 to May 31 each year.

### SUMMER SEASON:

Four consecutive months, spanning the period June 1 to September 30 each year.

### SUMMER ON-PEAK AND OFF-PEAK PERIODS:

On-peak hours are defined to be the hours between 1 p.m. and 7 p.m., Monday through Friday, excluding week-day holidays during the Summer Season. Off-Peak hours are defined to be all other hours during the Summer Season. Week-day holidays are Independence Day and Labor Day.

### 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.

DATE OF ISSUE: July 8, 2009  
ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

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ER-2009-0089; JE-2010-0014

# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3287 of 4512  
Sheet No. 9

P.S.C. MO. No. 7 Third

Original

Revised

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

Original

Revised

Sheet No. 9

For Missouri Retail Service Area

## SMALL GENERAL SERVICE Schedule SGS

### AVAILABILITY:

For electric service through one meter to 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 a separately metered circuit for water heating connected prior to July 9, 1996.

For secondary electric service through a separately metered circuit for existing customers for electric space heating purposes. Electric space heating equipment may be supplemented by or used as a supplement to wood burning fireplaces, wood burning stoves, active or passive solar heating, and in conjunction with fossil fuels where the combination of energy sources results in a net economic benefit to the customer. Electric space heating equipment shall be permanently installed, thermostatically controlled, and of a size and design approved by the Company. In addition to the electric space heating equipment, only permanently installed all electric equipment, used to cool or air condition the same space which is electrically heated, may be connected to the separately metered circuit.

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 service supplied under this schedule will be connected and disconnected in accordance with the General Rules and Regulations.

The Separately Metered Space Heat rate of this schedule is available only to Customers' physical locations currently taking service under such Separately Metered Space Heat rate and who are served under such rate continuously thereafter.

### APPLICABILITY:

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

This rate also will be applied to the combined use of a customer at the premise where two or more classes of service (such as one-phase and three-phase services) to the customer at such premise are measured by separate meters, but only in the case of such customers connected prior to May 5, 1986. Monthly Maximum Demand will be computed as the sum of the individual meters' monthly maximum 30-minute interval demand at each service. Customers with more than one class of service connected on or after May 5, 1986 will be billed separately for each class of service.

### TERM OF CONTRACT:

Contracts under this schedule shall be for a period of not less than one year from the effective date thereof, except in the case of temporary service.

DATE OF ISSUE: December 13, 2007

ISSUED BY: Chris B. Giles  
Vice-President

DATE EFFECTIVE: ~~January 12, 2008~~ <sup>January 1, 2008</sup>

1201 Walnut, Kansas City, Mo. 64106

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ER-2007-0291 Service Commission

# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3288 of 4512

P.S.C. MO. No. 7 Fifth  Original Sheet No. 9A  
 Revised  
Canceling P.S.C. MO. No. 7 Fourth  Original Sheet No. 9A  
 Revised  
For Missouri Retail Service Area

## SMALL GENERAL SERVICE Schedule SGS

(Continued)

### RATE FOR SERVICE AT SECONDARY VOLTAGE:

A. CUSTOMER CHARGE:

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

Metered Service:	
0-24 kW	\$15.25
25-199 kW	\$42.27
200-999 kW	\$85.87
1000 kW or above	\$733.16
Unmetered Service:	\$6.39

ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: \$1.97

B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 25 kW	\$ .000
All kW over 25 kW	\$2.456

C. ENERGY CHARGE:

	Summer Season	Winter Season
First 180 Hours Use per month:	\$0.13608 per kWh	\$0.10574 per kWh
Next 180 Hours Use per month:	\$0.06457 per kWh	\$0.05163 per kWh
Over 360 Hours Use per month:	\$0.05753 per kWh	\$0.04659 per kWh

D. SEPARATELY METERED SPACE HEAT (FROZEN):

When the customer has separately metered electric space heating equipment of a size and design approved by the Company, the kWh used for electric space heating shall be billed as follows:

- (i) Applicable during the Winter Season:  
\$0.05663 per kWh per month.
- (ii) Applicable during the Summer Season:

The demand established and energy used by equipment connected to the space heating circuit will be added to the demands and energy measured for billing under the rates above and for the determination of the Minimum Monthly Bill.

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ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009  
1201 Walnut, Kansas City, Mo. 64106

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# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

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Original

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Cancelling P.S.C. MO. No.

7

Fourth

Original

Revised

WPD-6  
Tariff Sheets  
Page 3289 of 4512  
Sheet No. 9B

Sheet No. 9B

For Missouri Retail Service Area

## SMALL GENERAL SERVICE Schedule SGS

(Continued)

### RATE FOR SERVICE AT PRIMARY VOLTAGE:

#### A. CUSTOMER CHARGE:

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

##### Metered Service:

0 - 24 kW \$15.25

25-199 kW \$42.27

200-999 kW \$85.87

1000 kW or above \$733.16

Unmetered Service: \$6.39

#### ADDITIONAL METER CHARGE (FROZEN):

Separately metered space heat: \$1.97

#### B. FACILITIES CHARGE:

Per kW of Facilities Demand per month

First 26 kW \$ .000

All kW over 26 kW \$2.399

#### C. ENERGY CHARGE:

	Summer Season	Winter Season
First 180 Hours Use per month:	\$0.13297 per kWh	\$0.10333 per kWh
Next 180 Hours Use per month:	\$0.06310 per kWh	\$0.05044 per kWh
Over 360 Hours Use per month:	\$0.05620 per kWh	\$0.04551 per kWh

DATE OF ISSUE: July 8, 2009

ISSUED BY: Curtis D. Blanc  
Sr. Director

DATE EFFECTIVE: September 1, 2009

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# KANSAS CITY POWER & LIGHT COMPANY

WPD-6  
Tariff Sheets  
Page 3290 of 4512

P.S.C. MO. No. 7 Second

Original  
 Revised

Sheet No. 9C

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

Original  
 Revised

Sheet No. 9C

For Missouri Retail Service  
Area

## SMALL GENERAL SERVICE Schedule SGS

(Continued)

### MINIMUM MONTHLY BILL:

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

### UNMETERED SERVICE:

Unmetered secondary service refers to electric service which is not measured by a kWh meter or by a kWh/demand meter. This type of service usually applies to delivery points for which it is impractical or difficult to install and read meters. The usages and demands are calculated by using typical hours of use and rated equipment loads.

### 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.

DATE OF ISSUE: December 28, 2006

ISSUED BY: Chris B. Giles  
Vice-President

DATE EFFECTIVE: ~~January 29, 2007~~

1201 Walnut, Kansas City, Mo. 64106

Jan. 1, 07

ER-2006-0314

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Missouri Public  
Service Commission

FORM NO. 13

P. S. C. MO. No. 7

WPD-6  
Tariff Sheets  
First { Original Page 12, 9D  
Revised } SHEET No. 9D

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

{ Original } SHEET No. 9D  
{ Revised }

KANSAS CITY POWER & LIGHT COMPANY

Name of Issuing Corporation or Municipality

For... Missouri Retail Service Area

Community, Town or City  
**Missouri Public  
Service Commission**

**SMALL GENERAL SERVICE  
Schedule SGS**

REC'D OCT 08 1998

(Continued)

**DETERMINATION OF DEMANDS:**

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

**MONTHLY MAXIMUM DEMAND:**

The Monthly Maximum Demand is defined as the sum of:

- a. The highest demand indicated in any 30-minute interval during the month on all non-space heat and non-water heat meters.
- b. Plus, the highest demand indicated in any 30-minute interval during the month on the space heat meter, if applicable.
- c. Plus, the highest demand indicated in any 30-minute interval during the month on the water heat meter, if applicable.

**FACILITIES DEMAND:**

Facilities Demand shall be equal to the highest Monthly Maximum Demand occurring in the last twelve (12) months including the current month. The following exception applies to the Facilities Demand used for the billing of the Facilities Charge only:

For customers receiving service under the SC and SR rate schedules prior to July 9, 1996, the Monthly Maximum Demand used for the determination of the Facilities Demand shall be based on On-Peak hours only. The Company shall either install hourly metering equipment to measure the Maximum On-Peak Demand or estimate such On-Peak demand based upon the overall maximum demand. On-Peak hours are defined to be the hours between 11:00 a.m. and 7:00 p.m., Monday through Friday, during the period of June 1 through September 30 and the hours between 8:00 a.m. and 8:00 p.m., Monday through Friday, during the period of December 1 through February 28 (February 29 in Leap Years). Holiday and weekend hours are excluded from the On-Peak hours definition. Holidays are New Year's Day, Independence Day, Labor Day, and Christmas Day, or any day celebrated as such.

**Missouri Public  
Service Commission**

FILED NOV 08 1998

KCPL Form 661H002 (Rev 1/97)

October 8, 1998

November 8, 1998

DATE OF ISSUE ..... month ..... day ..... year ..... DATE EFFECTIVE ..... month ..... day ..... year

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

**CITY POWER & LIGHT COMPANY**

P.S.C. MO. No. 7 First

Original  
 Revised

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

Original  
 Revised

Sheet No. 9E

For Missouri Retail Service Area

**SMALL GENERAL SERVICE  
Schedule SGS**

**(Continued)**

**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. Determination of Hours Use in the Winter Season excludes any separately metered space heat kW and kWh 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 compensation metering equipment, or by 2.34% 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 2.29%, 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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ISSUED BY: Chris B. Giles  
Vice-President

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1201 Walnut, Kansas City, Mo. 64106