

KCP&L Missouri DSM Programs

Applications, Recommendations, & Orders

KCP&L Missouri DSM Programs

Program	Date Filed	Status	Tariff #	Tariff Tracking #	Case #
Affordability					
Low-income Weatherization	Dec. 2005	Approved (12/1/05)	43H-I	YE-2006-0331	ET-2006-0194
Low-income Weatherization - Revision	Sept. 2007	Approved (10/14/07)	43H-I	JE-2008-0169	
Energy Efficiency - Residential					
Online Energy Information - Residential	Dec. 2005	Approved (12/21/05)	43J	JE-2006-0385	ET-2006-0257
Cool Homes	Feb. 2007	Approved (3/30/07)	43Q-S	JE-2007-0594	ET-2007-0318
Energy Star	Dec. 2007	Approved (1/23/08)	43T, 43U, 43V	JE-2008-0373	
Energy Star New Homes	Mar. 2008	Approved (4/6/2008)	43W, 43X, 43Y	JE-2008-0546	EO-2005-0329
Energy Efficiency - C&I					
C&I Audit, C&I Custom Rebate - Retrofit, C&I Custom Rebate - New Construction	May. 2006	Approved (7/3/06)	43L-M	YE-2006-0883	ET-2006-0458
Building Operator Certification	Jan. 2007	Approved (2/2/2007)	43N-O	JE-2007-0456	
Demand Response					
Air Conditioner Cycling	Oct. 2005	Approved (10/14/05)	43F-G	JE-2008-0156	ET-2006-0338
MPOWER Rider	Jan. 2006	Approved (3/8/06)	21 - 21E	JE-2007-0562	ET-2006-0562
MPOWER Tariff Revision	May. 2007	Approved (5/5/07)	21, 21A, 21B, 21C, 21D	JE-2007-0723	ET-2007-0380
MPOWER Tariff Revision	Apr. 2008	Approved (5/30/08)	21	JE-2008-0652	

Affordability Program

YE-2006-0331

Low Income Weatherization Tariff

Sheet No. 43H and 43I

Case #ET-2006-0194



Kansas City Power & Light®

November 1, 2005

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of Low-Income Weatherization (LIW) tariff

Dear Sir:

Kansas City Power and Light Company (KCP&L) seeks approval from the Commission of the enclosed Low-Income Weatherization (LIW) tariff. This tariff is filed per the Regulatory Plan of Kansas City Power and Light, Case. No. EO-2005-0329, Appendix C.

The following provides documentation to better explain KCP&L's intent with respect to advertising and publicity, post-program (tariff) effectiveness evaluation and program cost-effectiveness documentation.

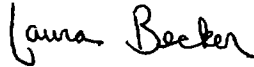
The LIW program will be administered by Social Agencies that have access to potential candidates that may qualify for LIW program assistance. KCP&L can also aid in identifying potential candidates based on customers who have a Cold Weather Rule plan, LIHEAP benefits or other assistance. Also, KCP&L will have a press release to inform customers about our partnership with the social agencies that will be receiving funding.

Post-program effectiveness will be measured the first two years based upon borrowed analysis from other utility programs. Within six months of the end of the second full year of implementation, KCP&L will perform a billing analysis to estimate impacts of the LIW program.

Program cost-effectiveness documentation included performing the cost-effectiveness Societal Test. The result of this test yielded a benefit cost ratio greater than one (1) and was therefore at an acceptable level.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,



Laura Becker
Regulatory Affairs

Enclosures

1 - Proposed Tariff Sheets 43H and 43I

Cc C Giles
T Rush
L Liechti
D Nickelson
OPC
AmerenUE
Aquila
Trigen
Atmos Energy
Independence Power & Light

PSC Mo. No. 7 Original Sheet No's. 43H and 43I.

LETTER OF TRANSMITTAL

Kansas City Power & Light Company
November 1, 2005

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No's. 43H and 43I.
Effective, December 1, 2005.



Chris B. Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43H
☐ Revised
 Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

**LOW-INCOME WEATHERIZATION
Schedule LIW**

PURPOSE:

This voluntary Program is intended to assist residential customers in reducing their energy usage by weatherizing a qualified customer's home. The Company's participation in this Program is limited to the funds set forth in Appendix C, described in the "Affordability" section referring to Low-Income Weatherization of the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

This Program is available to any Customer currently receiving service under any generally available residential rate schedule for a minimum of one year prior to completion of an application for weatherization assistance and also meets the additional customer eligibility requirements defined in the agreement between the Company and KCMO or the Social Agency.

PROGRAM ADMINISTRATION:

The Program will be administrated by the City of Kansas City, Missouri (KCMO) and other Missouri-based Social Agencies that are directly involved in qualifying and assisting customers under this program. As a term of its agreement with the Agencies, the Company agrees that it will consult with Staff and The Office of the Public Counsel during the term of the Program.

PROGRAM ADMINISTRATION COSTS:

Program funds cannot be used for administrative costs except those incurred by KCMO or the Social Agency that is directly related to qualifying and assisting customers under this program. The amount of reimbursable administrative costs per participating household shall not exceed \$350 for each participating household.

PROGRAM GRANTS:

The total amount of grants offered to a customer will be defined in the agreement between the Company and KCMO or the Social Agency using established criteria for Low-Income Weatherization. The total amount of grants offered to a customer shall not exceed \$3,000, and is expected to average \$1,500.

CUSTOMER ELIGIBILITY:

KCMO or the Social Agency will select customers eligible for Low-Income Weatherization using the following criteria: The customer's household earnings at or below 185% of the current year Federal Poverty Level guidelines for the number of persons in the residence, the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application, the residence must have energy

DATE OF ISSUE: November 1, 2005
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: December 1, 2005
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 431
☐ Revised
 Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

**LOW-INCOME WEATHERIZATION
Schedule LIW**

(Continued)

CUSTOMER ELIGIBILITY: (continued)

consumption greater than 3,000 kWh per year, the customer has received electric service from KCP&L for a minimum of one year prior to completion of an application, and other eligibility requirements defined in the agreement between the Company and KCMO or the Social Agency.

PROGRAM REPORTING:

The Company, with the assistance from KCMO and all other Social Agencies that administrate the weatherization program, will submit a report on the program to the Staff, the Office of the Public Counsel and the Department of Natural Resources Energy Center on or before April 16, 2006 and on the same date for each succeeding year in which the program continues. Each report will address the progress of the Program, and provide an accounting of the funds received and spent on the program during the preceding calendar year. The report will include the following information with breakdowns for each of the participating social agencies:

- a: Program funds provided by Company
- b: Amount of program funds, if any, rolled over from previous year,
- c: Amount of administrative funds retained by the social agency,
- d: Number of weatherization jobs completed and total cost (excluding administrative funds) of jobs completed,
- e: Number of weatherization jobs "in progress" at the end of the calendar year.

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

PROGRAM FUNDING:

To the extent the funds set forth in Appendix C for the Low-Income Weatherization program exceeds the total cost expended on the program, the amount of excess shall be "rolled over" to be utilized for the weatherization program in the succeeding year. After five years from the effective date of the Low-Income Weatherization program, if there is excess funding the amount shall be available for other affordability programs.

DATE OF ISSUE: November 1, 2005
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: December 1, 2005
1201 Walnut, Kansas City, Mo. 64106

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Low-Income Weatherization)
Tariff of Kansas City Power & Light Company) Case No. ET-2006-0194

STAFF RECOMMENDATION

Comes now the Staff of the Missouri Public Service Commission (Staff) in response to the Missouri Public Service Commission's Notice Opening Case issued on November 3, 2005 and submits the attached Staff Recommendation (Appendix A) requesting that the Missouri Public Service Commission (Commission) approve the tariff sheets filed on November 1, 2005 by Kansas City Power & Light Company (KCPL) to implement a Low Income Weatherization Program consistent with the terms of the KCPL Experimental Regulatory Plan approved by the Commission in Case No. EO-2005-0329 on July 28, 2005. The tariff sheets for which Commission approval is sought have an effective date of December 1, 2005. The program which is recommended for Commission approval was reviewed by the Customer Programs Advisory Group (CPAG) as provided for in the KCPL Experimental Regulatory Plan. The Low Income Weatherization Program is one of the Affordability programs to be addressed by KCPL relating to the KCPL Experimental Alternative Regulatory Plan.

Wherefore the Staff requests that the Commission either permit these tariff sheets with an effective date of December 1, 2005 to go into effect by operation-of-law or approve these tariff sheets filed by KCPL to effectuate a Low Income Weatherization Program.

Respectfully submitted,

DANA K. JOYCE
General Counsel

/s/Steven Dottheim
Steven Dottheim
Chief Deputy General Counsel
Missouri Bar No. 29149

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-7489 (Telephone)
(573) 751-9285 (Fax)
e-mail: steve.dottheim@psc.mo.gov

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, or transmitted by facsimile or electronic mail to all counsel of record this 18th day of November 2005.

/s/ Steven Dottheim

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2006-0194, File No. YE-2006-0331
Kansas City Power & Light Company

FROM: James Watkins, Manager, Economic Analysis, Project Coordinator
Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

James Watkins / 11-18-05 Steven Dottheim 11-18-05
Energy Department / Date General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheets Filed To Implement A Low Income Weatherization Program

DATE: November 17, 2005

On November 1, 2005, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Missouri Public Service Commission (Commission) two (2) tariff sheets titled "Low Income Weatherization Schedule LIW" with a proposed effective date of December 1, 2005 to implement a Low Income Weatherization Program (Program). This filing is made pursuant to the agreement by KCPL to file tariffs for each of the Company's Demand Response, Efficiency and Affordability Programs proposed to be implemented as a part of its Experimental Regulatory Plan approved by the Commission in its July 28, 2005 Report And Order in Case No. EO-2005-0329. The Program is one of the affordability programs described in Appendix C of the Stipulation and Agreement.

KCPL's Demand Response, Efficiency and Affordability Programs are a part of the Experimental Regulatory Plan. The Customer Programs Advisory Group (CPAG) established by the Experimental Regulatory Plan reviewed this Program. The following Signatory Parties to the Experimental Regulatory Plan participating in the CPAG regarding this program are:

1. Mo. PSC Staff
2. Office of the Public Counsel
3. Department of Natural Resources - Energy Center
4. Praxair, Inc.
5. City of Kansas City
6. The Empire District Electric Company

The objective of this Program is to assist participating residential customers (participants) to reduce their energy usage by weatherizing a participant's home. The Program will work directly with City of Kansas City, Missouri (KCMO) and community agencies that provide weatherization services to low income customers under the direction of the Missouri Department of Natural Resources, Energy

Center. The Company's participation in this Program is \$350,000 for the first year and is estimated to increase an additional \$50,000 for each of the next four years of the Program.

2005-2006	\$350,000
2006-2007	\$400,000
2007-2008	\$450,000
2008-2009	\$500,000
2009-2010	\$550,000

On a formula based on the estimated number of eligible customers, the funds will be allocated to the City of Kansas City, West Central Missouri Community Action Agency (WCMCAA), Missouri Valley Community Action Agency (MVCAA), and Central Missouri Counties Human Development Corporation (CMCHDC) (Weatherization Agencies) that serve KCPL customers

The total amount of a grant offered to a customer is determined using established criteria for low income weatherization in the Weatherization Agencies' contract and guidelines. The total amount of the KCPL grant to a customer shall not exceed \$3,000, and is expected to average \$1,500. The amount of reimbursable administrative costs per participating household shall not exceed \$350 for each participating household.

The program will be administered by KCMO and the other Missouri-based Weatherization Agencies that follow the protocol under the current federal and state guidelines and that are directly involved in qualifying and assisting customers under this program. Qualified customers will be determined by the KCMO or Weatherization Agency using the following criteria:

- 1) Participants are to be an owner-occupied KCPL residential customer in a one to four-unit structure.
- 2) Renters will also be allowed to participate if the landlord pays 50% of the weatherization cost and agrees not to raise the rent for a pre-agreed period of time.
- 3) Participant's household earnings at or below 185% of the current year federal poverty level guidelines for the number of persons in the residence.
- 4) Participant has received either energy assistance or food pantry assistance within the past 12 months from the time of application.
- 5) Participant's residence must have energy consumption greater than 3,000 kWh per year.
- 6) Participant has received electric service from KCPL for a minimum of one year prior to completion of an application.
- 7) Additional participant eligibility requirements defined in the agreement between the Company and KCMO or Weatherization Agency.

A Program report will be submitted by the Company, KCMO and other participating Weatherization Agencies on or before April 16, 2006 and each succeeding year of the Program to Staff, Office of the Public Counsel and Department of Natural Resources, Energy Center. The report will address the progress of the Program and provide an accounting of the funds received and spent during the preceding calendar year. The report will also include breakdowns for each of the participating agencies.

Any funds remaining after the Program year will be placed in the succeeding year's Program. At the termination of the Program, the amount of excess shall be available for other affordability programs.

The Commission's Energy Department Staff (Staff) has reviewed the filed tariff sheets. The Company has provided the supporting information required by 4 CSR 240-3.150 (3) for Promotional Practices tariff filings. Staff therefore recommends that the Commission issue an Order approving the following proposed tariff sheets, as filed on November 1, 2005, to become effective on December 1, 2005, as requested in KCPL's cover letter, or permit the tariff sheets to go into effect by operation of law:

P.S.C. MO. No. 7
Original Sheet No. 43H
Original Sheet No. 43I

The Staff has verified that this Company is not delinquent on any assessment or the filing of its annual report. The following electric cases involving KCPL are also before the Commission at this time:

EF-2004-0512	EO-2000-210
EF-2005-0498	EO-2004-0590
	EO-2006-0094
	EO-2006-0142
	EO-2006-0192
	EO-2006-0193

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Low-Income Weatherization)
Tariff of Kansas City Power & Light Company) Case No. ET-2006-0194

ADDITIONAL STAFF RECOMMENDATION

Comes now the Staff of the Missouri Public Service Commission (Staff) in response to November 23, 2005 Order Directing Filing of the Missouri Public Service Commission (Commission) and the November 22, 2005, filing of Kansas City Power & Light Company (KCPL) of two (2) substitute tariff sheets to remove the customer eligibility requirement that “the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application.” Removal of this provision significantly expands the availability of this program. Although removal of this requirement was discussed with KCPL prior to the Staff filing its Staff Recommendation on November 18, 2005, KCPL did not agree to this change until November 21, 2005, when KCPL verified that it had inadvertently left in old language from a previous contract with the City of Kansas City that contained the eligibility requirement that “the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application.”

The Staff Recommendation filed on November 18, 2005 recommended that the Commission either issue an Order approving the two (2) proposed tariff sheets, as filed on November 1, 2005, or permit the two (2) tariff sheets to go into effect by operation-of-law. The two (2) substitute tariff sheets filed on November 22, 2005 by KCPL replace the two (2) tariff sheets that KCPL filed on November 1, 2005. As indicated in the attached Staff Recommendation (Appendix A), the Staff has reviewed the substitute tariff sheets and

recommends that the Commission issue an Order approving the following proposed tariff sheets, substituted on November 22, 2005, to become effective on December 1, 2005, or permit the substituted tariff sheets to go into effect by operation-of-law:

P.S.C. MO. No. 7
Original Sheet No. 43H
Original Sheet No. 43I

Wherefore, to effectuate a KCPL Low Income Weatherization Program, the Staff requests that the Commission either permit the two (2) substitute tariff sheets, with an effective date of December 1, 2005, to go into effect by operation-of-law, or approve the two (2) substitute tariff sheets submitted by KCPL as replacements for the two (2) tariff sheets filed on November 1, 2005.

Respectfully submitted,

DANA K. JOYCE
General Counsel

/s/Steven Dottheim
Steven Dottheim
Chief Deputy General Counsel
Missouri Bar No. 29149

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-7489 (Telephone)
(573) 751-9285 (Fax)
e-mail: steve.dottheim@psc.mo.gov

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, or transmitted by facsimile or electronic mail to all counsel of record this 28th day of November 2005.

/s/ Steven Dottheim

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2006-0194, File No. YE-2006-0331
Kansas City Power & Light Company

FROM: James Watkins, Manager, Economic Analysis, Project Coordinator
Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

/s/ James Watkins/11-28-05 /s/ Steven Dottheim/11-28-05
Energy Department / Date General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheets Filed To Implement A Low
Income Weatherization Program, **as Substituted**

DATE: November 28, 2005

On November 1, 2005, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Missouri Public Service Commission (Commission) two (2) tariff sheets titled "Low Income Weatherization Schedule LIW" with a proposed effective date of December 1, 2005 to implement a Low Income Weatherization Program (Program).

On November 22, 2005, KCPL filed two (2) substitute tariff sheets to remove the customer eligibility requirement that "the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application." Removal of this provision will significantly expand the availability of this program.

Although removal of this requirement was discussed with KCPL prior to the Staff filing its recommendation on November 18, 2005, KCPL did not agree to this change until November 21, 2005, when KCPL verified that it had "inadvertently left in some very old language" from a previous contract with the City of Kansas City that contained the eligibility requirement that "the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application."

The Staff has reviewed the substitute tariff sheets and recommends that the Commission issue an Order approving the following proposed tariff sheets, as filed on November 1, 2005, and substituted on November 22, 2005, to become effective on December 1, 2005, as requested in KCPL's cover letter, or permit the tariff sheets to go into effect by operation of law:

P.S.C. MO. No. 7
Original Sheet No. 43H
Original Sheet No. 43I

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of the Low Income Weatherization)	<u>Case No. ET-2006-0194</u>
Tariff of Kansas City Power & Light Company)	Tariff No. YE-2006-0331

ORDER APPROVING TARIFF IN COMPLIANCE
WITH COMMISSION ORDER

Issue Date: November 29, 2005

Effective Date: December 1, 2005

On July 28, 2005, in Case No. EO-2005-0329, the Commission issued a Report and Order that approved KCPL's experimental regulatory plan. That order also approved a Stipulation and Agreement, which included a low-income weatherization program.

To implement its low-income weatherization program, KCPL filed tariff sheets P.S.C. MO. No. 7, Original Sheets Nos. 43H and 43I, on November 1, 2005, effective December 1, 2005. On November 18, the Staff of the Commission filed its Recommendation. Staff stated that the tariff sheets comply with applicable statutes, and that Staff does not object to the tariff sheets taking effect on December 1.

KCPL filed substitute tariff sheets on November 22. KCPL did so because it had inadvertently included some incorrect language that contained the eligibility requirement that the customer has received either energy assistance or food pantry assistance within the past 12 months from time of application. Staff filed an Additional Staff Recommendation on November 28, recommending that the Commission either permit the

substitute sheets to go into effect by operation of law, or that the Commission approve the substitute sheets.

The Commission has reviewed the substitute tariff sheets and the Additional Staff Recommendation. The Commission determines that the substitute tariff sheets comply with the applicable statutes. The Commission will approve the substitute tariff sheets.

IT IS THEREFORE ORDERED:

1. That the following tariff sheets in Tariff No. YE-2006-0331 issued November 1, 2005, as substituted on November 22, 2005, are hereby approved to become effective on December 1, 2005:

P.S.C. MO. No. 7

Original Sheet 43H

Original Sheet 43I

2. That this order shall become effective on December 1, 2005.
3. That this case may be closed on December 2, 2005.

BY THE COMMISSION



Colleen M. Dale
Secretary

(S E A L)

Ronald D. Pridgin, Regulatory Law Judge,
by delegation of authority pursuant to
Section 386.240, RSMo 2000.

Dated at Jefferson City, Missouri,
on this 29th day of November, 2005.

JE-2008-0169

**First Revision to Low Income
Weatherization Tariff**

Sheet No. 43H and 43I

Case #

September 14, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of First Revision to Low-Income Weatherization
Tariff - Sheet No. 43H and 43I

Dear Secretary:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed revision to the Low-Income Weatherization Tariff (LIW Tariff). This Tariff was originally filed pursuant to the Regulatory Plan of KCP&L, Case No. EO-2005-0329 and approved by the Commission on December 1, 2005

The purpose of this filing is to revise key terms in the LIW Tariff to make them consistent with terms already utilized by the Social Agencies and as a result, help reduce their administrative effort associated with the Program. Following discussions with Social Agencies responsible for administering the Program, the Missouri Department of Natural Resources, and Missouri Gas Energy the following changes are requested:

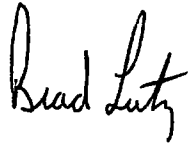
- Modify the Social Agency Program Administration Cost terms to match the 13% of Total Program Funds administrative limits already in use by the Agencies.
- Change the Program Grant terms to use the "Adjusted Average Expenditure Limit" defined annually by the Department of Energy for weatherization programs.
- Change the Customer Eligibility terms to include both Federal and State poverty limits making the eligibility more consistent with those terms already employed by the Agencies.

Additionally, a number of minor changes were made to make the tariff more consistent with the language and style used by the Company in other tariffs. The proposed changes are expected to reduce the allowable Social Agency administrative costs associated with the Program. Using the 2007 Program year as an example, Social Agency Program administration costs would have been reduced by up to \$36,000 under the new limits. In future periods all Program administration cost savings will be applied to weatherization project grants.

All of these revisions have been prepared with the cooperation of the Commission Staff.

Thank you for your consideration of this revision. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Brad Lutz". The signature is fluid and cursive, with the first name "Brad" and last name "Lutz" clearly distinguishable.

Brad Lutz
Regulatory Affairs

Enclosures

1 – Proposed Tariff Sheet 43H and 43I

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

PSC Mo. No. 7 First Revision Sheet No. 43H and 43I

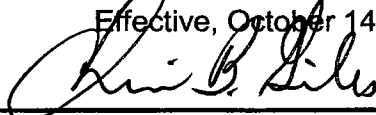
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
September 14, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 First Revision Sheet No. 43H and 43I.
Effective, October 14, 2007.



Chris B. Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First ☐ Original Sheet No. 43H
☒ Revised
 Cancelling P.S.C. MO. No. 7 ☒ Original Sheet No. 43H
☐ Revised
 For Missouri Retail Service Area

LOW-INCOME WEATHERIZATION
Schedule LIW

PURPOSE:

This voluntary Program is intended to assist residential Customers in reducing their energy usage by weatherizing a qualified Customer's home. The Company's participation in this Program is limited to the funds set forth in the "Affordability" section of Appendix C of the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 for Low-Income Weatherization.

AVAILABILITY:

This Program is available to any Customer currently receiving service under any generally available residential rate schedule for a minimum of one year prior to completion of an application for weatherization assistance and who also meets the additional Customer eligibility requirements defined in the agreement between the Company and KCMO or the Social Agency.

PROGRAM ADMINISTRATION:

The Program will be administrated by the City of Kansas City, Missouri (KCMO) and other Missouri-based Social Agencies that are directly involved in qualifying and assisting Customers under this Program.

PROGRAM ADMINISTRATION COSTS:

Program funds cannot be used for administrative costs except those incurred by KCMO or the Social Agency that is directly related to qualifying and assisting Customers under this Program. The amount of reimbursable administrative costs per Program year shall not exceed 13% of the total Program funds that are utilized by KCMO or Social Agency within a Program year, as defined in the agreement between the Company and KCMO or the Social Agency.

PROGRAM GRANTS:

The total amount of grants offered to a qualifying Customer will be defined in the agreement between the Company and KCMO or the Social Agency using established criteria for Low-Income Weatherization. The total amount of grants offered to a qualifying Customer shall not exceed the Adjusted Average Expenditure Limit for weatherization determined by the U.S. Department of Energy that is applicable for the month that the weatherization is completed.

DATE OF ISSUE: September 14, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: October 14, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First ☐ Original Sheet No. 43I
☒ Revised
 Cancelling P.S.C. MO. No. 7 ☒ Original Sheet No. 43I
☐ Revised
 For Missouri Retail Service Area

**LOW-INCOME WEATHERIZATION
Schedule LIW**

(Continued)

CUSTOMER ELIGIBILITY:

KCMO or the Social Agency will select Customers eligible for Low-Income Weatherization using the following criteria: The Customer's household earnings at or below 185% of the current year Federal Poverty Level guidelines or below 60% of the state median income, whichever is higher for the number of persons in the residence, the residence must have energy consumption greater than 3,000 kWh per year, the Customer has received electric service from the Company for a minimum of one year prior to completion of an application, and other eligibility requirements defined in the agreement between the Company and KCMO or the Social Agency.

PROGRAM REPORTING:

The Company, with the assistance from KCMO and all other Social Agencies that administrate the Program, will submit a report on the Program to the Commission Staff, the Office of the Public Counsel and the Department of Natural Resources Energy Center on or before April 16, 2006 and on the same date for each succeeding year in which the Program continues. Each report will address the progress of the Program, and provide an accounting of the funds received and spent on the Program during the preceding calendar year. The report will include the following information with breakdowns for each of the participating Social Agencies:

- a: Program funds provided by Company;
- b: Amount of program funds, if any, rolled over from previous year;
- c: Amount of administrative funds retained by the social agency;
- d: Number of weatherization jobs completed and total cost (excluding administrative funds) of jobs completed; and
- e: Number of weatherization jobs "in progress" at the end of the calendar year.

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

PROGRAM FUNDING:

To the extent the funds set forth in Appendix C for the Low-Income Weatherization Program exceeds the total cost expended on the Program, the amount of excess shall be "rolled over" to be utilized for the weatherization Program in the succeeding year. After five years from the effective date of the Low-Income Weatherization Program, if there is excess funding the amount shall be available for other Affordability programs.

DATE OF ISSUE: September 14, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: October 14, 2007
 1201 Walnut, Kansas City, Mo. 64106

Energy Efficiency - Residential Program

JE-2006-0385

**Online Energy Information (OEI)
Tariff**

Sheet No. 43J

Case # ET-2006-0257



Kansas City Power & Light®

November 21, 2005

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of Online Energy Information (OEI) tariff

Dear Sir:

Kansas City Power and Light Company (KCP&L) seeks approval from the Commission of the enclosed Online Energy Information (OEI) tariff. This tariff is filed per the Regulatory Plan of Kansas City Power and Light, Case No. EO-2005-0329, Appendix C.

The following provides documentation to better explain KCP&L's intent with respect to advertising and publicity, post-program (tariff) effectiveness evaluation and program cost-effectiveness documentation.

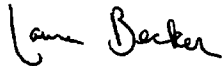
The OEI program will be accessible through KCP&L's website utilizing NEXUS Energy Software. The program advertising, publicity, and communication are based on a multi-channel touch point strategy. Customer's who currently use KCP&L's Website will receive online and e-mail messaging. General external communications will be through mass media such as news releases, bill messages, and bill inserts as well as promotion and demonstrations at local events.

Since this is an informational program, any potential savings that a customer might realize would be difficult, if not impossible, to measure. KCP&L will monitor and report the number of customers that access the program.

Program cost-effectiveness was not determined for this program since effects on energy savings are not measurable.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,



Laura Becker
Regulatory Affairs

Enclosure

1 - Proposed Tariff Sheets 43J

Cc C Giles
T Rush
L Liehti
D Nickelson
OPC
AmerenUE
Aquila
Trigen
Atmos Energy
Independence Power & Light

PSC Mo. No. 7 Original Sheet No's. 43J.

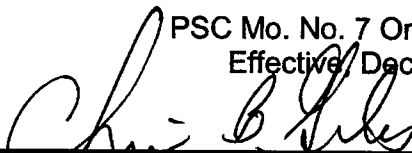
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
November 21, 2005

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43J.
Effective, December 21, 2005.



Chris B. Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43J
☐ Revised
Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
For Missouri Retail Service Area

ONLINE ENERGY INFORMATION
Schedule OEI**PURPOSE:**

This Program allows all residential customers with access to the Internet to retrieve their billing information, make comparisons of electric usage on a monthly or yearly basis, analyze electric usage on an end use basis, and research energy savings by end use through a searchable resource center. Customers can also compare their bills to analyze changes from one month to another. Residential customers can also compare their home to a similar home in terms of average energy usage using the Energy Guide label concept. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

This Program is available to any Customer currently receiving service under any generally available residential rate schedule. Company may limit the number of participants.

DATE OF ISSUE: November 21, 2005
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: December 21, 2005
1201 Walnut, Kansas City, Mo. 64106

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Online Energy)	
Information Program Tariff of Kansas)	Case No. ET-2006-
City Power & Light Company)	

STAFF RECOMMENDATION

Comes now the Staff of the Missouri Public Service Commission (Staff) in response to the tariff sheet filed on November 21, 2005 by Kansas City Power & Light Company (KCPL) to implement an Online Energy Information Program consistent with the terms of the KCPL Experimental Regulatory Plan approved by the Commission in Case No. EO-2005-0329 on July 28, 2005. The Staff hereby submits the attached Staff Recommendation (Appendix A) requesting that the Missouri Public Service Commission (Commission) approve the tariff sheet filed on November 21, 2005 or permit the tariff sheet to go into effect by operation-of-law. The tariff sheet for which Commission approval is sought has an effective date of Wednesday, December 21, 2005. The program which is recommended for Commission approval was reviewed by the Customer Programs Advisory Group (CPAG) as provided for in the KCPL Experimental Regulatory Plan.

The Online Energy Information Program is one of the efficiency programs proposed by KCPL relating to its Experimental Regulatory Plan. The projected cumulative cost of the program for five (5) years for KCPL is approximately \$578,000, with the approximate cost for the first year of the program being \$145,000.

Wherefore the Staff requests that the Commission either permit the tariff sheet titled "Online Energy Information – Schedule OEI," with an effective date of Wednesday, December 21, 2005, to go into effect by operation-of-law or approve the tariff sheet as filed by KCPL.

Respectfully submitted,

DANA K. JOYCE
General Counsel

/s/Steven Dottheim

Steven Dottheim
Chief Deputy General Counsel
Missouri Bar No. 29149

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-7489 (Telephone)
(573) 751-9285 (Fax)
e-mail: steve.dottheim@psc.mo.gov

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, or transmitted by facsimile or electronic mail to all counsel of record this 14th day of December 2005.

/s/ Steven Dottheim

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2006-xxxx, File No. JE-2006-0385
Kansas City Power & Light Company

FROM: James Watkins, Manager, Economic Analysis, Project Coordinator
Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

/s/ James Watkins/ 12-14-05 /s/ Steven Dottheim/ 12-14-05
Energy Department / Date General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheet Filed To Implement An Online
Energy Information Program

DATE: December 14, 2005

On November 21, 2005, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Missouri Public Service Commission (Commission) one (1) tariff sheet titled "Online Energy Information - Schedule OEI" with a proposed effective date of December 21, 2005 to implement an Online Energy Information Program (Program). This filing is made pursuant to the agreement by KCPL to file tariffs for each of the Company's Demand Response, Efficiency and Affordability Programs proposed to be implemented as a part of its Experimental Regulatory Plan approved by the Commission in its July 28, 2005 Report And Order in Case No. EO-2005-0329. The Program is one of the efficiency programs described in Appendix C of the Stipulation and Agreement. The Customer Programs Advisory Group (CPAG) established by the Experimental Regulatory Plan reviewed this Program.

The objective of this Program is to allow residential customers internet access to their billing information and a tool to analyze their usage on a daily, weekly, monthly or annual basis. This tool will analyze and identify what end uses make up what percent of a residential customer's usage, and provide information to that customer on ways to save energy by end use through a searchable electronic resource center. This tool also allows the user to analyze why his/her bill may have changed from one month to another. The tool also provides a comparison of the customer's usage versus average usage in similar homes.

The projected cost of the Company's participation in this Program is approximately \$145,000 for the first year and is to change for each of the next four years of the Program with the approximate amounts stated below:

2005-2006	\$145,000
2006-2007	\$115,000
2007-2008	\$104,000
2008-2009	\$106,000
2009-2010	<u>\$108,000</u>
Total	\$578,000

Since this is an informational program and any potential savings will be difficult, if not impossible, to accurately measure, KCPL does not propose to evaluate the program for energy savings. KCPL will provide reports on customer participation to the CPAG members.

Any funds remaining after each Program year will be placed in the succeeding year's Program. At the termination of the Program, any excess funds will be available for other efficiency programs.

The Commission's Energy Department Staff (Staff) has reviewed the filed tariff sheet. Because this program does not qualify as a promotional practice, the supporting information required by 4 CSR 240-3.150 (3) for Promotional Practices tariff filings is not required for this filing. Staff therefore recommends that the Commission issue an Order approving the following proposed tariff sheet, as filed on November 21, 2005, to become effective on December 21, 2005, as requested in KCPL's cover letter, or permit the tariff sheet to go into effect by operation-of-law:

P.S.C. MO. No. 7
Original Sheet No. 43J

The Staff has verified that this Company is not delinquent on any assessment or the filing of its annual report. The following electric cases involving KCPL are also before the Commission at this time:

EF-2004-0512	EO-2000-210	ET-2006-0194
EF-2005-0498	EO-2004-0590	
	EO-2006-0094	
	EO-2006-0142	
	EO-2006-0192	
	EO-2006-0193	

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Online Energy Information)
Program Tariff of Kansas City Power & Light) **Case No. ET-2006-0257**
Company.) **Tariff No. JE-2006-0385**

NOTICE CLOSING CASE

Issue Date: January 12, 2006

Effective Date: January 12, 2006

Kansas City Power & Light Company filed with the Missouri Public Service Commission one tariff sheet titled "Online Energy Information – Schedule OEI" with a proposed effective date of December 21, 2005. The Staff of the Commission filed its recommendation on December 14, 2005. Staff recommended that the Commission either approve the tariff sheet or allow it to go into effect by operation of law. The tariff sheet went into effect by operation of law on December 21, 2005.

There remains no further action in this matter. Therefore, this case may be closed.

BY THE COMMISSION



Colleen M. Dale
Secretary

(S E A L)

Dated at Jefferson City, Missouri,
on this 12th day of January, 2006.

Jones, Regulatory Law Judge

MISSOURI PUBLIC SERVICE COMMISSION

January 12, 2006

Case No. ET-2006-0257

General Counsel's Office
P.O. Box 360
200 Madison Street, Suite 800
Jefferson City, MO 65102

Lewis R. Mills, Jr.
P.O. Box 2230
200 Madison Street, Suite 650
Jefferson City, MO 65102

Enclosed find a certified copy of a NOTICE in the above-numbered case(s).

Sincerely,

A handwritten signature in black ink, appearing to read 'Colleen M. Dale', written over a horizontal line.

**Colleen M. Dale
Secretary**

JE-2007-0594

Cool Homes Tariff

Sheet No. 43Q, 43R and 43S

Case # ET-2007-0318

February 28, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Cool Homes Tariff - Sheet Nos. 43Q, 43R,
and 43S

Dear Sir:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed Cool Homes tariff. This tariff is filed pursuant to the Regulatory Plan of KCP&L in Case No. EO-2005-0329.

The Cool Homes program is intended to encourage residential customers to have existing cooling systems evaluated and, if feasible, brought back to factory specifications (re-commissioned). All participating customers will be offered recommendations to replace existing, less efficient but working equipment with high efficiency cooling systems.

KCP&L will contract with an outside vendor to implement the Cool Homes program. A copy of the Promotional Plan is attached. The program will be accomplished through the following actions:

- Identifying high cooling intensity customers;
- Identifying and training HVAC Contractors to properly evaluate existing systems through a standardized testing process (Procter Engineering Group CheckME!™);
- Matching customers with qualifying HVAC Contractors; and
- Providing incentives, through HVAC Contractors, of \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above rated equipment to help offset equipment costs and provide for quality installation practices.

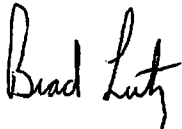
Potential customers will be identified by analyzing KCP&L electric usage data. The potential customers will be contacted and linked with a participating HVAC Contractor. The HVAC Contractors will complete an evaluation of the customer's central cooling system using CheckME!™ and will offer to re-commission the system if feasible. The customer will also receive a recommendation for replacement with a high-efficiency system. The customer may choose to re-commission, if feasible or replace. Compact Florescent Lights (CFLs) will be given as a reward to customers who receive the initial CheckME!™ analysis. The vendor will be responsible for managing the interaction

between customers, contractors, and KCP&L including market research, advertising, training, customer tracking, customer care, incentive payments, and invoicing KCP&L.

The program will be submitted to both Missouri and Kansas jurisdictions and, provided the program is approved in both states, KCP&L estimates that approximately 13,035 system evaluations will be performed. Of that total, approximately 7,170 customers are expected to re-commission their existing cooling systems and approximately 3,258 are expected to retire their existing units to install high efficiency systems. Additionally, approximately 52,140 CFLs are expected to be distributed to participating customers. Total program costs for both jurisdictions are expected to total \$9,629,491 through the five-year term of the program. The expected cost of this program is significantly different than that estimated in Appendix C of the Stipulation and Agreement (EO-2005-0329), which was \$6,425,000. Cost changes are related to the re-commissioning/early replacement program design (versus paying a smaller incentive to incorporate high efficiency at failure of equipment) and the additional cost of the CFLs. Even though this program is more expensive than the original program, this program design is also more cost-effective, based on the benefit/cost model. All program modifications have been presented to the Missouri Customer Programs Advisory Group (CPAG).

Thank you for your consideration of this tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

- 1 – Proposed Tariff Sheets 43Q, 43R, and 43S
- 1 – KCP&L Promotional Plan

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

**Cool Homes Promotional Practice
Planned Advertising/Publicity and
Documentation for Program Cost-Effectiveness**

Product Overview: The Cool Homes program will 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.

Through the program, KCP&L will provide financial incentives to offset re-commissioning costs or a portion of the new equipment's higher initial cost and ensure quality installation through the use of CheckMe!™. Incentives, provided through HVAC contractors, will be \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above. The program is also expected to encourage contractors and distributors to use energy efficiency as a marketing tool, thereby stocking and selling more efficient units and moving the entire regional cooling system market toward greater energy efficiency. In addition the program will provide more energy efficiency through quality installation practices and through the distribution of Compact Florescent Light bulbs (CFLs). Since minimum federal standards for manufacturing cooling equipment increased from 10.0 SEER to 13.0 SEER in 2006, KCP&L will provide incentives only for SEER levels of 14.0 and above.

One important feature of the program that will begin immediately is training for HVAC contractors in the CheckMe!™ process. The CheckMe!™ system, developed by Proctor Engineering Group, assures central cooling system commissioning that consistently, effectively, and verifiably addresses issues such as incorrect refrigerant charge and low evaporator coil airflow. CheckMe!™ is highly effective both for re-commissioning existing cooling systems and for assuring that new units are installed correctly to operate at manufacturers' specifications. This is important given the growing body of evidence that suggests that most new equipment, both standard efficiency and high efficiency, is improperly installed. Recent studies suggest that the manner in which equipment is installed may have a much greater impact on actual operating efficiency than whether or not it has a high efficiency rating. In order to qualify for incentives, contractors' technicians who test and re-commission or replace central cooling systems must have undergone this training and must utilize CheckMe!™.

This program is not intended to be a load building program but rather to encourage transition to higher efficiency equipment. Any incentives associated with cooling systems installed in this Program will be available for either a conventional central air conditioning or heat pump system, provided the system installed meets the Program's stipulated efficiency requirements. KCP&L will include in the evaluation the effect this program has on the equipment decisions made by the participant.

The utility shall provide the following supporting information for each promotional practice:

(A) A description of the advertising or publicity to be employed with respect to the promotional practice:

The two major marketing communication strategies will be direct marketing to targeted residential customers, and recruitment of quality HVAC dealers. Conservation Services Group (CSG) will develop the direct mail pieces, obtain KCPL approval, do the mailing, and follow-up. HVAC contractors will be recruited through manufacturers and distributors, and through local chapters of organizations such as ACCA. Other external communications will include local media, KCP&L speakers' bureau presentations to community groups and a list of participating dealers on our Internet site. Internal marketing will include the Customer Care Center, the KCPL Intranet Website, and all KCP&L employees.

(B) For promotional practices that are designed to evaluate the cost-effectiveness of potential demand-side resources, a description of the evaluation criteria, the evaluation plan and the schedule for completing the evaluation:

Goals

- (a) As described above, the goals for this program will include both production goals, and energy savings goals, and demand reduction goals.
 - a. Production goals for the five-year pilot will include approximately:
 - 1. 13,035 Initial visit system checks
 - 2. 7,170 Recommissioned units
 - 3. 3,258 Early retirements with quality installations
 - 4. 52,140 CFLs distributed
 - b. Energy savings and demand reduction goals for the five-year pilot will include:
 - 1. 20,746,506 kWh, or 4,559,934kWh per year after the first year ramp-up.
 - 2. 11,074 kW, or 2,434kW per year after the first year ramp-up.
- (b) Opinion Dynamics (ODC) will conduct evaluation of the program. The Process Evaluation will analyze how efficiently the program was implemented. This evaluation will occur approximately six to nine months after program rollout. KCP&L is estimating this to be near the end of Fall 2007. The Impact Evaluation will analyze how effective the program was in saving energy. This evaluation will most likely occur in Fall 2007 for units installed prior to the cooling season. ODC is proposing a simulation analysis approach using an hourly building energy simulation model to calculate impacts from the Cool Homes program for participants and non-participants. This will be augmented with pre-post billing analysis.

(C) For promotional practices that are designed to acquire demand-side resources, documentation of the criteria used and the analysis performed to determine that the demand-side resources are cost-effective.

KCP&L estimated costs for program delivery, administration, marketing, and customer incentives. These costs and benefits were input into a benefit-cost model with other inputs such as avoided energy and capacity costs, etc. Results of this pre-implementation screening provided the following benefit-cost ratios:

Total Resource Cost Test:	3.73
Societal Test:	3.83
Participant Test:	4.39
Ratepayer Impact Measure Test	0.94
Utility Cost Test:	3.05

Estimated Program Cost

2007	\$1,805,746
2008	\$1,856,768
2009	\$1,984,321
2010	\$1,963,451
2011	\$2,019,205

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43Q
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 For Missouri Retail Service Area

**COOL HOMES PROGRAM
Schedule CHP**

PURPOSE:

This 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.

Key activities of the Program include:

- Identifying high cooling intensity Customers;
- Identifying and training HVAC contractors to properly evaluate existing systems using a standard testing process (Procter Engineering Group CheckME!™);
- Matching Customers with qualifying HVAC contractors; and
- Providing incentives, through HVAC contractors to help offset equipment costs and provide for quality installation practices.

The intent of KCP&L'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 and Agreement).

AVAILABILITY:

This Program is available to any Customer currently 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 the initial contractor group. Other HVAC contractors wishing to participate in the program may contact KCP&L directly for consideration. Prospective contractors will be required to complete training courses conducted by the Program Vendor to participate.

PROGRAM PROCESS:

Prospective Customer 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 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 HVAC contractor or KCP&L directly. A listing of participating HVAC contractors will be posted on the KCP&L website.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43R
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 For Missouri Retail Service Area

COOL HOMES PROGRAM
Schedule CHP

(Continued)

PROGRAM PROCESS: (Continued)

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

- The Program Vendor will assign prospective Customers to a HVAC contractor for service.
- The HVAC contractor will evaluate the Customer's cooling system using a standardized testing process (Procter Engineering Group CheckME!™). The test will evaluate performance measures such as refrigerant charge and airflow over the evaporator coil.
- Customers 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 participating Customers will receive a recommendation for replacement of their system with a higher efficiency system. The Customer will be responsible for the cost of the replacement equipment less the applicable incentives.
- The Customer can choose to do nothing.
- Four Compact Florescent Lights will be given to all Customers 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.

PROGRAM ADMINISTRATION:

The Program will be implemented by a third party vendor. The Program Vendor will be responsible for market research, mass marketing, 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 Program Vendor.

PROGRAM COST:

Program related services and incentives will be paid initially by the Program Vendor and will then be billed to KCP&L on a per unit basis. Unit pricing is defined in agreements with the Program Vendor. Incentive amounts of \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above rated equipment will be paid to the HVAC contractor. The HVAC contractor will pass the equipment incentive to the Customer in the form of an itemized credit on the transaction documents.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43S
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 For Missouri Retail Service Area

COOL HOMES PROGRAM
Schedule CHP

(Continued)

PROGRAM COST (continued):

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	\$1,805,746
2008	\$1,856,768
2009	\$1,984,321
2010	\$1,963,451
2011	\$2,019,205

Program expenditures are not to exceed a maximum of \$9,629,491 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, pursuant to the terms defined in agreements with the Program Vendor.

EVALUATION:

Program evaluation 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.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

PSC Mo. No. 7 Original Sheet No. 43Q, 43R, and 43S

LETTER OF TRANSMITTAL

Kansas City Power & Light Company
February 28, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43Q, 43R, and 43S
Effective, March 30, 2007.



Chris B. Giles, Vice-President Kansas City Power & Light Company

March 20, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

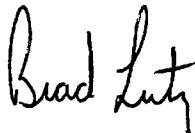
RE: Submittal of Substitute Cool Homes Tariff - Sheet Nos. 43Q, 43R, and 43S

Dear Secretary:

Kansas City Power & Light Company (KCP&L) asks the Commission to substitute the enclosed Cool Homes tariff (CH) for the one submitted February 28, 2007. Missouri Staff and KCP&L have been in discussion concerning this tariff and have agreed on the need for minor changes to the original filing. The primary change was to include a Definitions section to the tariff. Because these changes do not materially affect the Program's intent, KCP&L is asking that the original effective date remain as March 30, 2007.

Thank you for your consideration of this tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

- 1 - Substitute Proposed Tariff Sheets 43Q, 43R, and 43S
- 1 - Substitute KCP&L Promotional Plan

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

KCP&L's Cool Homes Program

Program Description and Promotional Practice Filing Requirements

Product Overview

The Kansas City Power & Light Company's (KCP&L or Company) Cool Homes Program (CHP or Program) will encourage residential customers to have existing cooling systems evaluated and:

- if feasible, replace older less efficient components of the unit to restore operational efficiency of the system to near the original factory specifications (re-commissioned), or
- replace the less efficient, working central cooling systems with high efficiency central cooling systems.

Through the Program, KCP&L will provide financial incentives to offset re-commissioning costs or a portion of the new equipment's higher initial cost and ensure quality installation through the use of CheckMe!®. Incentives, provided through CHP heating, ventilation, air conditioning (CHP HVAC) contractors, will be \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above. The Program is also expected to encourage contractors and distributors to use energy efficiency as a marketing tool, thereby stocking and selling more efficient units and moving the entire regional cooling system market toward greater energy efficiency. In addition the Program will provide more energy efficiency through quality installation practices and through the distribution of Compact Florescent Light bulbs (CFLs). Since minimum federal standards for manufacturing cooling equipment increased from 10.0 SEER to 13.0 SEER in 2006, KCP&L will provide incentives only for SEER levels of 14.0 and above.

EER or Energy Efficiency Ratio is calculated by dividing the amount of cooling output by an air conditioning system IN BTUH, divided by the amount of energy input to it IN KW. If the air conditioning capacity of a heat pump is 48,000 BTUH, and the compressor, fan and pumps consume 3.43 kW (3,430 watts), the EER is: $48,000 / 3,430 = 14.0$

SEER, or Seasonal Energy Efficiency Ratio, rating, is defined as the total cooling output (in British thermal units or Btu) provided by the unit during its normal annual usage period divided by its total energy input (in watt-hours) during the same period. The efficiency of central air conditioning units is governed by U.S. law and regulated by the U.S. Department of Energy (DOE). The higher the SEER, the more efficient the unit. And, the more efficient the unit, the lower the operating costs. Like its "mpg" counterpart in the automotive industry, the SEER gives an indication of the performance efficiency of the system.

The relationship between SEER and EER is relative depending on where you live because equipment performance is dependent of air temperatures, humidities, and pressures.

One important feature of the Program that will begin immediately is training for CHP HVAC contractors in the CheckMe!® process. The CheckMe!® system, developed by Proctor Engineering Group, assures central cooling system commissioning that consistently, effectively, and verifiably addresses issues such as incorrect refrigerant charge and low evaporator coil airflow. CheckMe!® is highly effective both for re-commissioning existing cooling systems and for assuring that new units are installed correctly to operate at manufacturers' specifications. This is important given the growing body of evidence that suggests that most new equipment, both standard efficiency and high efficiency, is improperly installed. Recent studies suggest that the manner in which equipment is installed may have a much greater impact on actual operating efficiency than whether or not it has a high efficiency rating. In order to qualify for incentives, contractors' technicians who test and re-commission or replace central cooling systems must have undergone this training and must utilize CheckMe!®.

Key Activities

1. Identifying high cooling intensity customers.
 - a. Customer electric usage and dwelling square footage data will be evaluated to obtain high cooling use or high cooling intensity. We will map for concentration and then market to these high intensity users.
 - b. CHP HVAC contractors may identify any of their existing customers.
 - c. Customers interested in the Program may contact a CHP HVAC contractor or KCP&L directly. Contractors will be listed on the KCP&L website, www.kcpl.com.
2. Identifying and training CHP HVAC contractors.
 - a. Use customer concentrations from 1.a. above to focus on contractor recruitment.
 - b. Market research will be used to understand the local residential HVAC contractor community and determine prospective CHP HVAC contractors.
 - c. Contractor profile: 1) quality providers selling name brand equipment, 2) demonstrate an aptitude and desire for high levels of training, 3) adoption of new technologies and methods, 4) computer intellect, 5) Contractors who do not offer low first-cost and little else.
 - d. Contractors who fit the CHP HVAC profile (2.c. above) will mostly be in the "elite dealer networks" associated with major manufacturers such as Trane and Lennox.
 - e. Training contractors to properly evaluate existing systems using a standard testing process named CheckMe!® developed by a third party vendor. This test will evaluate performance measures such as refrigerant charge and airflow over the evaporator coil.
 - f. Training contractors in "Manual J" which is the industry standard residential

- load calculation method. This calculation allows the proper sizing of equipment.
3. Matching Participating Customers (participants) with CHP HVAC contractors.
 - a. By participant brand preference or contractor preference, if that contractor is participating in the program
 - b. By geographic area
 - c. By equipment requirements
 4. Providing incentives to evaluate existing systems and to help offset equipment costs.
 - a. Incentives will be paid by the Administrator to the CHP HVAC Contractor. The CHP HVAC contractor will pass the equipment incentive to the Participant as a credit on the transaction document. The Administrator will bill KCP&L on a per unit basis.
 - b. Four compact florescent lights (CFLs) will be given to all Participants completing the initial CheckMe!® analysis regardless of their choice moving forward.
 - c. No cost to the Participant to return equipment that can be re-commissioned to as close as possible to manufacturer specifications, to operate above an EER rating of 8.0.
 - d. Incentive of \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment.
 - e. Incentive of \$850 per unit for installation of SEER 16.0 or above rated equipment.

Marketing

The Administrator will focus marketing and advertising efforts using two channels: a) direct marketing to high intensity cooling customers, and b) actively supporting contractors in marketing to their current customers and recruiting new customers.

1. Direct Marketing: To target residential customers by geographical concentrations tied to recruited and trained contractor capability and ranked by cooling load intensity. The Administrator will market to customers with over 200% of the average summer cooling load and then to customers with between 150% and 200% of the average. It is most effective for the marketing materials to include a direct appeal from the sponsoring utility.
2. HVAC Dealer Recruitment: HVAC contractors will be recruited through manufacturers and distributors, and through local chapters of organizations such as Air Conditioning Contractors of America (ACCA). The Administrator will support contractor marketing efforts through the design of materials to be used by contractors and through coop advertising where appropriate, especially in concert with marketing campaigns by major manufacturers. Many medium to large HVAC contractors send out a mailing or newsletter 2 or 4 times per year to their customers promoting tune-ups and specials. These newsletters have proven very effective in carrying the Program message. A particular focus will be to work with contractors to understand

and sell to their existing customers. A few contractors keep detailed computerized customer records including model numbers and install dates of existing air conditioning and heat pump equipment.

3. KCP&L Marketing and Communications Capabilities: The Administrator will work with KCP&L's customer call centers, marketing department, corporate communications department, other utility program managers serving the same customer base, and utility account representatives. These interconnections would support KCP&L's goal of providing superior customer service, enhancing KCP&L's brand and allowing KCP&L's full capabilities to be brought to support the goals of the Program.
4. Federal Tax Credits: Purchasers of high efficiency central air conditioners or heat pumps can take advantage of tax credits offered through the Energy Policy Act of 2005. Participants who install central air conditioners or heat pumps between January 1, 2006 through December 31, 2007 that are 15 SEER (12.5 EER) are eligible for a \$300 tax credit. There is a \$500 taxpayer cap for existing home credits.

These tax credits will have a very positive impact on the Program. First, they will leverage Program incentives providing additional financial motivation to the Participant's decision. Second, they add the imprimatur of the federal government to KCP&L's, thus further legitimating higher efficiency equipment. Third, they encourage Program participants to go beyond SEER 14 to SEER 15 and even higher.

This Program is not intended to be a load building Program but rather to encourage transition to higher efficiency equipment. Any incentives associated with cooling systems installed in this Program will be available for either a conventional central air conditioning or heat pump system, provided the system installed meets the Program's stipulated efficiency requirements. KCP&L will include in the evaluation the effect this Program has on the equipment decisions made by the participant.

4 CSR 240-3.150 Filing Requirements for Electric Utility Promotional Practices**(3) The utility shall provide the following supporting information for each promotional practice:****(A) A description of the advertising or publicity to be employed with respect to the promotional practice:**

The two major marketing communication strategies will be direct marketing to targeted residential customers, and recruitment of quality HVAC dealers. The Program Administrator will conduct the direct marketing effort. The Program Administrator will develop the direct mail pieces, obtain KCP&L approval, do the mailing, and follow-up. HVAC contractors will be recruited through manufacturers and distributors, and through local chapters of organizations such as ACCA. Other external communications will include local media, KCP&L speakers' bureau presentations to community groups and a list of participating dealers on our Internet site. Internal marketing will include the Customer Care Center, the KCP&L Intranet Website, and all KCP&L employees.

(B) For promotional practices that are designed to evaluate the cost-effectiveness of potential demand-side resources, a description of the evaluation criteria, the evaluation plan and the schedule for completing the evaluation:**Goals****(a) Goals will include production goals, energy savings goals, and demand reduction goals.****a. Production goals for the Missouri jurisdiction during the five-year pilot will include approximately:**

1. Initial visit system checks = 6,713
2. Re-commissioned units = 3,692
3. Early retirements with quality installations = 1,677
4. CFLs distributed = 26,852

b. Energy savings and demand reduction goals for the Missouri jurisdiction during the five-year pilot will include approximately:

1. Total energy savings = 10,684,451 kWh
2. Energy per year (after first year ramp-up) = 2,348,366 kWh.
3. Total demand reduction savings = 5,703 kW
4. Demand reduction per year (after first year ramp-up) = 1,253 kW.

(b) Opinion Dynamics Corporation (ODC) will conduct evaluation of the Program. The Process Evaluation will analyze how efficiently the Program was implemented. This evaluation will occur approximately six to nine months after Program rollout. KCP&L is estimating this to be near the end of Fall 2007. The Impact Evaluation will analyze how effective the Program was in saving energy. This evaluation will most likely occur in Fall 2007 for units installed prior to the cooling season. ODC is proposing a

simulation analysis approach using an hourly building energy simulation model to calculate impacts from the Cool Homes Program for participants and non-participants. This will be augmented with pre-post billing analysis.

(C) For promotional practices that are designed to acquire demand-side resources, documentation of the criteria used and the analysis performed to determine that the demand-side resources are cost-effective.

KCP&L estimated costs for Program delivery, administration, marketing, and Participant incentives. These costs and benefits were input into a benefit-cost model with other inputs such as avoided energy and capacity costs, etc. Results of this pre-implementation screening provided the following benefit-cost ratios:

Total Resource Cost Test:	3.73
Societal Test:	3.83
Participant Test:	4.39
Ratepayer Impact Measure Test	0.94
Utility Cost Test:	3.05

<u>Estimated Program Cost – Missouri and Kansas</u>		<u>Missouri (51.5%)</u>
2007	\$1,805,746	\$ 929,959
2008	\$1,856,768	\$ 956,236
2009	\$1,984,321	\$1,021,925
2010	\$1,963,451	\$1,011,177
2011	<u>\$2,019,205</u>	<u>\$1,039,891</u>
Total	\$9,629,491	\$4,959,188

PSC Mo. No. 7 Original Sheet No. 43Q, 43R, and 43S (Substitute)

LETTER OF TRANSMITTAL

Kansas City Power & Light Company
March 21, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43Q, 43R, and 43S (Substitute)
Effective, March 30, 2007.



Kevin Bryant, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43Q
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 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.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43R
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 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.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43S
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 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.

DATE OF ISSUE: February 28, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: March 30, 2007
1201 Walnut, Kansas City, Mo. 64106

**BEFORE THE PUBLIC SERVICE COMMISSION
STATE OF MISSOURI**

In the Matter of the Cool Homes Tariff of Kansas City Power & Light Company))	<u>Case No. ET-2007-0318</u> Tariff No. JE-2007-0594
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STAFF'S RECOMMENDATION TO APPROVE TARIFF SHEETS

COMES NOW the Staff of the Missouri Public Service Commission (Staff) and, for its Recommendation the Commission approve three tariff sheets Kansas Power and Light Company (KCPL) filed on February 28, 2007, states:

1. In the attached Memorandum, which is labeled Appendix A, the Staff recommends the Missouri Public Service Commission approve three tariff sheets KCPL filed on February 28, 2007. The tariff sheets have a proposed effective date of March 30, 2007. In carrying out the terms of the Stipulation and Agreement the Commission approved and ordered in Case No. EO-2005-0329, the Experimental Regulatory Plan was created. In accordance with the terms of that Stipulation and Agreement, KCPL made this filing pursuant to the Demand Response, Efficiency and Affordability Programs section of that agreement. The three tariff sheets KCPL filed, and the three substitute tariff sheets filed March 21, 2007, are designed to implement the Cool Homes Program (CHP or Program). As submitted, the Program is designed to: (1) encourage residential customers to have existing working cooling systems evaluated for efficient operation, (2) restore the existing cooling system to factory specifications (re-commission) at no cost to the customer, and (3) if re-commissioning is not feasible, financial incentives will be offered to facilitate the replacement of the less efficient, working central cooling systems with high efficiency central cooling systems.

2. Because the tariff sheets comply with the Commission's Report and Order Approving Stipulation and Agreement in Case No. EO-2005-0329, the Staff recommends the Commission issue an order approving the proposed tariff sheets, to become effective March 30, 2007, or permit the tariff sheets to go into effect by operation-of-law on the proposed effective date of March 30, 2007.

WHEREFORE, the Staff of the Missouri Public Service Commission recommends the Commission approve, or allow to become effective by operation of law, the three tariff sheets Kansas Power and Light Company filed on February 28, 2007, to become effective March 30, 2007, to wit:

P.S.C. MO. NO. 7

Original Sheet No. 43Q

Original Sheet No. 43R

Original Sheet No. 43S

Respectfully submitted,

/s/ Blane Baker

Blane Baker

Legal Counsel

Missouri Bar No. 58454

Attorney for the Staff of the
Missouri Public Service Commission

P. O. Box 360

Jefferson City, MO 65102

(573) 751-5472 (Telephone)

(573) 751-9285 (Fax)

blane.baker@psc.mo.gov

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or emailed to all counsel of record this 21st day of March, 2007.

/s/ Blane Baker

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2007-0318, Tariff No. JE-2007-0594
Kansas City Power & Light Company

FROM: James Watkins, Manager, Economic Analysis
Tom Imhoff, Rate & Tariff Examination Supervisor
Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

/s/ Thomas Imhoff 03/21/07
Energy Department / Date

/s/ Blane Baker 03/21/07
General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheets Filed To Implement a Cool Homes Program

DATE: March 21, 2007

On February 28, 2007, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Commission three (3) tariff sheets with a proposed effective date of March 30, 2007. On March 21, 2007, KCPL filed three (3) substitute tariff sheets at the request of the Commission's Energy Department Staff (Staff) to clarify the tariff language. These sheets describe the Cool Homes Program, Schedule CHP. The Cool Homes Program (CHP or Program), a voluntary program, is designed to encourage residential customers to have existing working cooling systems evaluated for efficient operation. If necessary and feasible, the Program will restore the existing cooling system to factory specifications (re-commissioning) at no cost to the customer. If re-commissioning is not feasible, financial incentives will be offered to facilitate the replacement of the less efficient, working central cooling systems with high efficiency central cooling systems. These financial incentives will offset a portion of the cost of the new equipment.

This filing is made pursuant to the Demand Response, Efficiency and Affordability Programs section of Appendix C of the Stipulation and Agreement which comprises the Experimental Regulatory Plan approved by the Commission in its July 28, 2005 Report And Order in Case No. EO-2005-0329. The Customer Programs Advisory Group (CPAG) has reviewed the Program.

Description of Program

Cool Homes Program is a Heating Ventilation and Air Conditioning (HVAC) contractor-focused program to encourage energy efficient choices by residential cooling customers. This program will require a combination of technical excellence, strong marketing, professional and ethical sales methods, and strong quality assurance and quality control systems.

The Program is available to any KCPL customer with a working central air conditioning system presently receiving service under any generally available residential rate schedule.

Tariff No. JE-2007-0594
Kansas City Power & Light Company
Page 2 of 3

Description of Program (continued)

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. KCPL will maintain oversight of the Program through monthly, quarterly, and yearly status reports and meetings with the Administrator.

The Program is voluntary and designed to encourage residential customers to have existing cooling systems evaluated and either:

- re-commission the existing working cooling systems if feasible, or
- replace less efficient, working central cooling systems with high efficiency central cooling systems.

The Program's long-range goal is to encourage CHP HVAC contractors to:

- use energy efficiency as a marketing tool,
- stock and sell more efficient units, and
- move the entire central air conditioning and heat pump market in the KCPL service area toward greater energy efficiency.

Key activities of the Program include:

- Identifying high cooling intensity customers for the CHP either by KCPL observing customer's records on electric usage, or by CHP HVAC contractors observing their customers cooling systems.
- Identifying HVAC contractors for the CHP through manufacturers and distributors and local chapters of organizations such as Air Conditioning Contractors of America (ACCA).
- Training CHP HVAC contractors using a standard testing process.
- Matching Participants with qualifying CHP HVAC contractors with geographic area and equipment requirements.
- Providing incentives to evaluate existing systems, re-commission existing systems where feasible and to help offset new system costs when needed.
 - a. Incentive of \$650 per unit for installation of SEER 14.0 or SEER 15.0 rated equipment.
 - b. Incentive of \$850 per unit for installation of SEER 16.0 or above rated equipment.

Marketing

The Administrator will focus marketing and advertising efforts using the two channels: a) direct marketing to high intensity cooling customers, and b) actively supporting CHP HVAC contractors in marketing to their current customers and recruiting new customers.

Costs

KCPL has estimated the following annual costs for program delivery, administration, marketing, and customer incentives:

Tariff No. JE-2007-0594
 Kansas City Power & Light Company
 Page 3 of 3

Costs (continued)

	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

This Program is being submitted for approval in both the Missouri and Kansas jurisdictions. KCPL has budgeted a total of \$4,959,188 for the five-year duration of this program in Missouri. 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.

Evaluation

A third party will conduct a comprehensive evaluation of the Program. The Program evaluation will include random on-site inspections, engineering analysis, process analysis and impact analysis. Spot metering, run-time data will be collected to verify the connected load and full load hour estimates in the engineering analysis along with pre-post billing analysis. A process evaluation will analyze how efficiently the program was implemented. An impact evaluation will analyze how effective the program was in saving energy. Upon approval, a detailed evaluation plan will be developed.

Staff Recommendation

The Commission's Energy Department Staff (Staff) has reviewed the filed tariff sheets, and is of the opinion that they are filed in a timely manner and remain in compliance with the Stipulation and Agreement approved by the Commission's Report And Order in Case No. EO-2005-0329. The Staff therefore recommends that the Commission issue an order approving the following proposed tariff sheets, as filed on February 28, 2007, and substituted on March 21, 2007, to become effective on March 30, 2007, as requested by KCPL, or permit the tariff sheets to go into effect by operation-of-law:

P.S.C. MO. No. 7
 Original Sheet No. 43Q
 Original Sheet No. 43R
 Original Sheet No. 43S

The Staff has verified that this Company is not delinquent on any assessment or the filing of its annual report. The Staff is not aware of any other matter pending before the Commission that affects or is affected by this tariff filing.

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

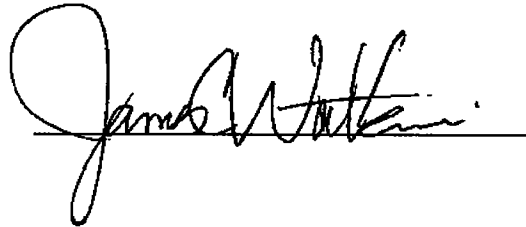
In the matter of KCPL requests Commission approval of
Cool Homes Tariff

Case No. ET-2007-0318
Tariff No. JE-2007-0594

AFFIDAVIT OF JAMES C. WATKINS

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

James C. Watkins, of lawful age, on oath states: that he has participated in the preparation of the foregoing Staff Recommendation; that he has knowledge of the matters set forth in such recommendation; and that such matters are true to the best of his knowledge and belief.



Subscribed and sworn to before me this 21st day of March, 2007.



SUSAN L. SUNDERMEYER
My Commission Expires
September 21, 2010
Callaway County
Commission #06942086



Notary Public

My commission expires 9-21-10

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Cool Homes Tariff)
of Kansas City Power & Light Company) **Case No. ET-2007-0318**

NOTICE CLOSING CASE

Issue Date: April 3, 2007

This notice confirms the closing of the above-captioned case, to satisfy
the requirements of the Commission's Electronic Filing and Information System.

BY THE COMMISSION



Colleen M. Dale
Secretary

(S E A L)

Dated at Jefferson City, Missouri,
on this 3rd day of April, 2007.

Pridgin, Senior Regulatory Law Judge

Energy Efficiency – C&I Program

YE-2006-0883

**Energy Audit and Energy Savings
Measures Rider**

Sheet No. 43L and 43M

Case # ET-2006-0458

May 30, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of Energy Audit and Energy Saving
Measures Rider

Dear Sir:

Kansas City Power and Light Company (KCP&L) seeks approval from the Commission of the enclosed Energy Audit and Energy Saving Measures (ER) Rider. This rider is filed per the Regulatory Plan of Kansas City Power and Light, Case No. EO-2005-0329, Appendix C.

This program is intended to provide rebates to qualified customers for energy audits and energy-saving new construction and retrofit projects. The detailed description of this program can be found in the tariff sheets and in the attached program plan. The following provides documentation to better explain KCP&L's intent with respect to advertising and publicity, post-program (rider) effectiveness evaluation and program cost-effectiveness documentation.

The overall ER program advertising, publicity and communication are based on a multi-channel touch point strategy. KCP&L will utilize its internal sales channels and our trade allies to provide collateral materials, rebate calculation tools and process instructions to customers. The focus of general external communications will be on creating awareness and stimulating participation through mass media such as news releases, testimonials, bill inserts, bill messages, and the KCP&L Internet.

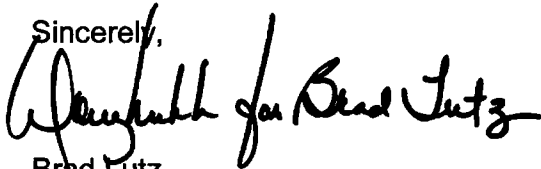
Project effectiveness will be estimated by the detailed engineering analysis that will be completed before a project is approved. Also, once the program has been in effect for two years, a consultant that specializes in evaluation of energy-related programs will evaluate the program. Those results will be submitted to the Missouri Public Service Commission Staff within 6 months after the end of the second year of the program.

KCP&L has been working with the Customer Programs Advisory Group (CPAG) consisting of representatives from the Public Service Commission Staff, the

Office of Public Council, Missouri Department of Natural Resources, City of Kansas City, Praxair, and Empire District Electric Company. These parties have been instrumental in addressing this program. Program evaluation documentation included performing the Societal Cost Benefit and Total Resource Cost Tests. The result of this test yielded a benefit cost ratio greater than one (1) and was therefore at an acceptable level.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 654-1689.

Sincerely,

A handwritten signature in black ink, appearing to read "Brad Lutz", written over the word "Sincerely,".

Brad Lutz
Regulatory Affairs

Enclosures

- 1 - Proposed Tariff Sheets 43L and 43M
- 2 - Plan

Cc C Giles
 T Rush
 L Liehti
 D Nickelson
 S Nathan
 G Phillips
 C Dorando
 OPC

PSC Mo. No. 7 Original Sheet No's. 43L and 43M.

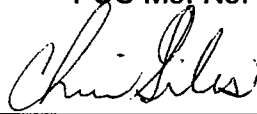
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
May 30, 2006

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedules issued by the Kansas City Power & Light Company are sent to you for filing in compliance with the requirements of the Public Service Commission Law and agreed to in Case No. EO-2005-0329.

PSC Mo. No. 7 Original Sheet No's. 43L and 43M.
Effective, July 3, 2006.



Chris Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANYP.S.C. MO. No. 7☒ Original
☐ RevisedSheet No. 43L

Canceling P.S.C. MO. No. _____

☐ Original
☐ Revised

Sheet No. _____

For Missouri Retail Service Area**ENERGY AUDIT AND ENERGY SAVING MEASURES RIDER**
Schedule ER**PURPOSE:**

The Kansas City Power & Light Company's (Company) Energy Audit Program and Energy Saving Measures Program (Programs) are designed to encourage more effective utilization of electric energy through energy efficiency improvements in the building shell, installation of efficient electrical equipment in new construction, or the replacement of inefficient electrical equipment with efficient electrical equipment. The Programs provide rebates for an energy audit and subsequent improvements in the energy efficiency of the building space and/or equipment.

These Programs are set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

These Programs are available to any of the Company's customers served under SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules. The total amount of all rebates shall not exceed the funds for the Energy Audit Program and Energy Saving Measures Program set forth in Appendix C of the Stipulation and Agreement. These Programs will terminate five (5) years after the original effective date of these tariff sheets. All rebates will be distributed by the Company. Customer applications will be evaluated and the rebates will be distributed on a first-come basis according to the date of the customer's application.

TERMS:

Energy Audit Program: This Program provides a rebate for an energy audit. To become a Participant in the Energy Audit Program and receive a rebate for an energy audit the customer must have an energy audit performed by a certified commercial energy auditor, implement at least one of the audit recommendations and submit an application form through the Company's website (www.kcpl.com) or on paper. The recommendation implemented must qualify for the Energy Saving Measures Program below. The rebate amount will be 50% of the audit cost up to \$300 for Participants with facilities less than 25,000 square feet. For Participants with facilities greater than 25,000 square feet, the rebate amount will be 50% of the audit cost up to \$500. Entities with multiple facilities may apply to become Participants and receive multiple audit rebates subject to Program limitations. The amount of all Energy Audit Programs rebates shall not exceed \$23,920 per year.

Energy Saving Measures Program: This Program provides a rebate for installing qualifying higher energy efficiency equipment or systems, or replacing or retrofitting HVAC systems, motors, lighting, pumps or other qualifying equipment or systems with higher energy efficiency equipment or systems. Both new construction projects and retrofit projects are eligible to apply. To become a Participant in the Energy Saving Measures Program Customers must request a rebate for an energy saving measures project by submitting an application through the Company's website (www.kcpl.com) or on paper. Rebates can be for either new construction or retrofit projects.

DATE OF ISSUE: May 30, 2006
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: July 3, 2006
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43M
☐ Revised
 Canceling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

ENERGY AUDIT AND ENERGY SAVING MEASURES REBATE RIDER
Schedule ER (Continued)

Energy Saving Measures Program: (continued)

The total amount of Energy Saving Measures rebates that a Participant can receive during a Program year is limited based upon the rate schedule. Rebate applications for different Energy Saving Measures at the same facility may be submitted. An entity with multiple facilities may participate for each facility by submitting an application for each facility. The maximum amount of each rebate will be calculated as the lesser of the buy down to a two-year payback or 50% of the incremental cost of the higher efficiency equipment, system, or energy saving measure. The rebate for the measure and/or audit will be issued upon completion of the project.

SGS or SGA rates – Retrofit Project: customer total \$7,299 New Construction: customer total \$9,124

MGS or MGA rates – Retrofit Project: customer total \$11,853 New Construction: customer total \$14,816

LGS or LGA rates – Retrofit Project: customer total \$41,821 New Construction: customer total \$52,276

The total dollar amount of Energy Saving Measures rebates that will be issued during each Program year is limited based upon the rate schedule of each facility. Customers may participate by applying for more than one rebate during a Program year. After the Company reviews projects approved and/or paid during the first six months of a Program year, the Company may approve application for additional rebates if the Program funds are available.

SGS or SGA rates – Retrofit Project: program total \$72,992 New Construction: program total \$91,241

MGS or MGA rates – Retrofit Project: program total \$118,526 New Construction: program total \$148,157

LGS or LGA rates – Retrofit Project: program total \$167,282 New Construction: program total \$209,103

FUNDING:

If the funds set forth above for the Energy Audit Program and Energy Saving Measures Program are not distributed in any Program year, the amount of excess shall be "rolled over" to be utilized for the Programs in the succeeding year and the maximum amount of the rebates will be adjusted accordingly; however, at the end of the fifth year any remaining excess shall be made available for other energy efficiency programs. Projects that have been approved may be scheduled in the succeeding Program year but not beyond the end of the fifth year of the Programs.

DATE OF ISSUE: May 30, 2006
 ISSUED BY: Chris B. Giles
 Vice-President

DATE EFFECTIVE: July 3, 2006
1201 Walnut, Kansas City, Mo. 64106

C&I Energy Audit and Custom Rebate Plan

KCP&L will offer a rebate program to encourage commercial and industrial customers to install energy efficient equipment to reduce their energy use and lower demand. The program has three components: 1) an energy audit program, 2) a rebate program for existing customers and 3) a rebate program for new construction. The program is available to all commercial and industrial customers.

Product/Service Description/Provisioning

The C&I Rebate program consists of three individual components:

1. C&I Energy Audit Program

This program will offer rebates to help customers cover the cost of an energy audit. In order to receive the rebate, the customer must implement at least one of the audit recommendations that qualify under the Custom Rebate Retrofit Program. The energy audit rebate will be set at 50% of the audit cost up to \$300 for customers with facilities less than 25,000 square feet and up to \$500 for customers with facilities over 25,000 square feet. Approved commercial energy auditors must perform energy audits. Customers may choose their own auditor from an approved contractor list. Customers with multiple buildings will be eligible for multiple rebates up to the limits shown in Table 1.

2. C&I Custom Rebate Retrofit Program

This program provides rebates to C&I customers that install, replace or retrofit qualifying electric savings measures including HVAC systems, motors, lighting, pumps, etc. All custom rebates will be individually determined and analyzed to ensure that they pass the Societal Benefit/Cost Test. To be pre-qualified a measure must produce a Societal Benefit/Cost Test result of 1.0 or higher.

Custom rebates are calculated as the lesser of the following:

- A buy down to a two year payback
- 50% of the incremental cost

One customer may submit multiple rebate applications for different measures. Each individual measure will be evaluated on its own merits. Similar measures that are proposed in different facilities or buildings will be evaluated separately. Customers with multiple buildings will be eligible for multiple rebates, up to the limits shown in Table 1.

3. C&I Custom Rebate New Construction Program

This program will focus on the New Construction market and provide rebates to C&I customers that install qualifying electric savings measures including HVAC

systems, motors, lighting, pumps, etc. As with the C&I Custom Rebate Retrofit Program, all rebates will be pre-qualified to ensure that they pass the Societal Benefit/Cost Test and the Total Resource Cost Test. To be pre-qualified a measure must produce a Societal Benefit/Cost Test and a Total Resource Cost Test result of 1.0 or higher.

Custom rebates are calculated as the lesser of the following:

- A buy down to a two year payback
- 50% of the incremental cost

One customer may submit multiple rebate applications for different measures. Each individual measure will be evaluated on its own merits. Similar measures that are proposed in different facilities or buildings will be evaluated separately. Customers with multiple buildings will be eligible for multiple rebates, up to the limits shown in Table 1.

Market Segment Focus and Market Potential

The C&I Rebate Programs are targeted at all Commercial and Industrial (C&I) accounts:

- Small commercial and industrial customers (less than 25kW)
- Mid-sized commercial and industrial customers (25kW-200kW)
- Large commercial and industrial customers (greater than 200kW)

Program Objectives

The following objectives have been identified

- Fund the program fairly and equitably for customers. To this end, KCP&L will try to qualify as many customers as possible and will perform as broad an outreach as possible.
- Test the market in all customer size categories. For each of the 3 categories (audit, retrofit rebate, and new construction rebate), the budget will be divided into 3 portions based on revenue contributions of small, medium and large C&I customers for at least the initial allocation during the program year.
- Get efficiency projects implemented.
- Identify barriers to energy efficiency implementation.

Based on the above, the funding is divided into 3 portions. One portion each for small general service (0-25 kW), medium general service (25-200kW), and large general service/large power service (over 200 kW), as defined by existing tariffs, and based on the contribution of that C&I customer class to overall C&I revenues. During the first 6 months of the program, funding from each portion will be determined with a cap per customer of 10%, 10% and 25% respectively. After the initial six months of the program, other proposals from the same customer that puts them above the cap for the year can be considered but the funding must stay within the appropriate segments portion. Since six months might not be soon enough for

some projects to be completed, KCP&L will not have any requirement for completion date. KCP&L will require receiving demonstration of an earnest commitment for the funding to be reserved

Table 1
Customer Incentive by Program for Missouri

C&I Energy Audit	Program Total	MO %: 59.8 MO Total	Small General Service	Medium General Service	Large General or Large Power Service
Year 1	\$ 40,000	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Year 2	\$ 40,000	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Year 3	\$ 40,000	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Year 4	\$ 40,000	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Year 5	\$ 40,000	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Initial round rebate cap % per customer			10%	10%	25%

C&I Custom Rebate - Retrofit	Program Total	MO %: 59.8 MO Total	Small General Service	Medium General Service	Large General or Large Power Service
Year 1	\$ 600,000	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Year 2	\$ 600,000	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Year 3	\$ 600,000	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Year 4	\$ 600,000	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Year 5	\$ 600,000	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Initial round rebate cap % per customer			10%	10%	25%

C&I Custom Rebate - New Construction	Program Total	MO %: 59.8 MO Total	Small General Service	Medium General Service	Large General or Large Power Service
Year 1	\$ 750,000	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Year 2	\$ 750,000	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Year 3	\$ 750,000	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Year 4	\$ 750,000	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Year 5	\$ 750,000	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Initial round rebate cap % per customer			10%	10%	25%

It is difficult to estimate the number and relative size of eligible projects in KCP&L's C&I customer base. There are many factors which influence the demand for these types of programs including rate of new construction, health of the national and regional economy, cost of energy, financial health of the public sector (e.g., schools, state and city government, etc.), state and federal regulations and new technologies.

It is anticipated that the program will undergo a ramp up as knowledge of the programs and understanding on how they work begins to spread through the C&I customer base and our trade allies.

Customer Recruiting and Marketing Strategy

Custom rebate program leads need to be developed at a steady rate to ensure that the incentive budget is fully utilized. To that end, a marketing program has been developed. The overall C&I Rebate Program marketing plan is based on a multi-channel touch point strategy. This marketing plan has been developed to achieve the desired level of participants to meet program goals.

The broad approach will be to create awareness of the program through a three pronged approach: 1) Targeted promotions through our sales channels and through trade allies. 2) A strong Public Relations effort targeting the business media, and business and trade associations. 3) A targeted advertising campaign focused on the customer base, using bill inserts and messages, direct mail, the KCP&L website, and local business publications where appropriate.

Contingency Plans

If the C&I programs do not meet the energy and load reduction goals, three contingency options are available:

- ☐ Modify the marketing strategy
- ☐ Provide more technical support
- ☐ Increase rebate levels

Economics of the program will be a major factor in the long and short-run success. Estimates of program costs indicate it is cost effective. The Pilot Program is designed to determine the actual long-run costs and market interest. In the long-term, the cost to acquire customers will need to be closely reviewed to determine whether it is possible to sustain the needed participation rates without increasing incentives. Changes in long-run avoided generation and delivery costs will also be considered.

Monitoring and Evaluation

Evaluation:

- Energy Audits: KCP&L will track the effectiveness of this program through C&I Custom Rebate Program evaluations.
- Custom Rebates--Retrofit: By design, the custom rebate program is self-evaluating. Impacts are based upon detailed engineering analysis. The evaluation contractor will independently determine impacts.

- **Custom Rebates—New Construction:** By design, the custom rebate program is self-evaluating. Impacts are based upon detailed engineering analysis. The evaluation contractor will independently determine impacts.

KCP&L has chosen a partnership of Opinion Dynamics Corporation and Summit Blue Consulting to conduct the process and impact evaluations. Once the contract has been finalized a detailed evaluation plan for each program will be developed.

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43L
☐ Revised
 Canceling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

ENERGY AUDIT AND ENERGY SAVING MEASURES RIDER
Schedule ER

PURPOSE:

The Kansas City Power & Light Company's (Company) Energy Audit Program and Energy Saving Measures Program (Programs) are designed to encourage more effective utilization of electric energy through energy efficiency improvements in the building shell, installation of efficient electrical equipment in new construction, or the replacement of inefficient electrical equipment with efficient electrical equipment. The Programs provide rebates for an energy audit and subsequent improvements in the energy efficiency of the building space and/or equipment.

These Programs are set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

These Programs are available to any of the Company's customers served under SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules. The total amount of all rebates shall not exceed the funds for the Energy Audit Program and Energy Saving Measures Program set forth in Appendix C of the Stipulation and Agreement. These Programs will terminate five (5) years after the original effective date of these tariff sheets. All rebates will be distributed by the Company. Customer applications will be evaluated and the rebates will be distributed on a first-come basis according to the date of the customer's application.

TERMS:

Energy Audit Program: This Program provides a rebate for an energy audit. To become a Participant in the Energy Audit Program and receive a rebate for an energy audit the customer must have an energy audit performed by a certified commercial energy auditor, implement at least one of the audit recommendations and submit an application form through the Company's website (www.kcpl.com) or on paper. The recommendation implemented must qualify for the Energy Saving Measures Program below. The rebate amount will be 50% of the audit cost up to \$300 for Participants with facilities less than 25,000 square feet. For Participants with facilities greater than 25,000 square feet, the rebate amount will be 50% of the audit cost up to \$500. Entities with multiple facilities may apply to become Participants and receive multiple audit rebates subject to Program limitations. The amount of all Energy Audit Programs rebates shall not exceed \$23,920 per year.

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DATE OF ISSUE: April 28, 2006
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE:
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43M
☐ Revised
 Canceling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

ENERGY AUDIT AND ENERGY SAVING MEASURES REBATE RIDER
Schedule ER **(Continued)**

Energy Saving Measures Program: (continued)

The total amount of Program rebates that a Participant can receive during a Program year is limited based upon each facility rate schedule. Rebate applications for different energy saving measures at the same facility may be submitted. An entity with multiple facilities may participate for each facility by submitting an application for each facility. The maximum amount of each rebate will be calculated as the lesser of the buy down to a two-year payback or 50% of the incremental cost of the higher efficiency equipment, system, or energy saving measure. The rebate for the measure and/or audit will be issued upon completion of the project.

SGS or SGA rates – Retrofit Project: customer total \$ 7,299 New Construction: customer total \$ 9,124

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LGS or LGA rates – Retrofit Project: customer total \$41,821 New Construction: customer total \$52,276

The total dollar amount of Energy Saving Measures rebates that will be issued during each Program year is limited based upon the rate schedule of each facility. Customers may participate by applying for more than one rebate during a Program year. After the Company reviews projects approved and/or paid during the first six months of a Program year, the Company may approve application for additional rebates if the Program funds are available.

SGS or SGA rates – Retrofit Project: program total \$ 72,992 New Construction: program total \$ 91,241

MGS or MGA rates – Retrofit Project: program total \$118,526 New Construction: program total \$148,157

LGS or LGA rates – Retrofit Project: program total \$167,282 New Construction: program total \$209,103

FUNDING:

If the funds set forth above for the Energy Audit Program and Energy Saving Measures Program are not distributed in any Program year, the amount of excess shall be "rolled over" to be utilized for the Programs in the succeeding year and the maximum amount of the rebates will be adjusted accordingly; however, at the end of the fifth year any remaining excess shall be made available for other energy efficiency programs. Projects that have been approved may be scheduled in the succeeding Program year but not beyond the end of the fifth year of the Programs.

DATE OF ISSUE: April 28, 2006
 ISSUED BY: Chris B. Giles
 Vice-President

DATE EFFECTIVE:
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43L
☐ Revised
 Canceling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

ENERGY AUDIT AND ENERGY SAVING MEASURES RIDER
Schedule ER

PURPOSE:

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DATE OF ISSUE: May 30, 2006
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: July 3, 2006
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43M
☐ Revised
 Canceling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

ENERGY AUDIT AND ENERGY SAVING MEASURES REBATE RIDER
Schedule ER (Continued)

Energy Saving Measures Program: (continued)

The total amount of Program rebates that a Participant can receive during a Program year is limited based upon each facility rate schedule. Rebate applications for different energy saving measures at the same facility may be submitted. An entity with multiple facilities may participate for each facility by submitting an application for each facility. The maximum amount of each rebate will be calculated as the lesser of the buy down to a two-year payback or 50% of the incremental cost of the higher efficiency equipment, system, or energy saving measure. The rebate for the measure and/or audit will be issued upon completion of the project.

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DATE OF ISSUE: May 30, 2006
 ISSUED BY: Chris B. Giles
 Vice-President

DATE EFFECTIVE: July 3, 2006
1201 Walnut, Kansas City, Mo. 64106

**BEFORE THE PUBLIC SERVICE COMMISSION
STATE OF MISSOURI**

Kansas City Power & Light Company Energy Audit)
and Energy Saving Measures Rider Schedule ER) Case No. ET-2006-0458

STAFF'S RECOMMENDATION TO APPROVE TARIFF SHEETS

COMES NOW the Staff of the Missouri Public Service Commission (Staff) and, for its Recommendation the Commission approve Tariff Sheets Kansas City Power & Light Company (KCPL) filed on May 30, 2006, as substituted on June 7, 2006, states:

1. In the attached Memorandum, which is labeled Appendix A, the Staff recommends the Missouri Public Service Commission approve the two tariff sheets KCPL filed on May 30, 2006, as substituted on June 7, 2006, to implement an energy audit and energy savings measures program for commercial and industrial customers required as part of the Regulatory Plan of KCPL (Appendix C) approved and ordered by the Commission in Case No. EO-2005-0329.

2. As filed, the tariff sheets bore an effective date of July 3, 2006; however, at the Staff's request, on June 23, 2006, KCPL extended the effective date to July 10, 2006.

3. Because the tariff sheets, as substituted, comply with Appendix C to the Stipulation and Agreement the Commission approved and ordered the parties to perform in Case No. EO-2005-0329, the Staff recommends the Commission issue an order approving the proposed tariff sheets, as substituted June 7, 2006, to be effective July 10, 2006.

WHEREFORE, the Staff of the Missouri Public Service Commission recommends the Commission approve the Tariff Sheets Kansas City Power & Light Company filed on May 30, 2006, as substituted on June 7, 2006, to become effective July 10, 2006, to wit:

P.S.C. MO. No. 7
Original Sheet No. 43L
Original Sheet No. 43M

Respectfully submitted,

/s/ Nathan Williams
Nathan Williams
Senior Counsel
Missouri Bar No. 35512

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-8702 (Telephone)
(573) 751-9285 (Fax)
nathan.williams@psc.mo.gov (e-mail)

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, transmitted by facsimile or electronically mailed to all counsel of record this 26th day of June, 2006.

/s/ Nathan Williams

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2006-0458, File No. YE-2006-0883
Kansas City Power & Light Company

FROM: Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

/s/ Tom Imhoff 6/26/06
Energy Department / Date

/s/ Nathan Williams 06/26/06
General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheets Filed To Implement An
Energy Audit And Energy Saving Measures Rider For Non-Residential
Customers

DATE: June 22, 2006

On May 30, 2006, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Commission two (2) tariff sheets with a proposed effective date of July 3, 2006. These sheets describe the Energy Audit Program and Energy Saving Measures Program (Programs) offered by KCPL to commercial and industrial customers to encourage more effective utilization of electric energy through energy efficiency improvements in the building shell, the replacement of inefficient electrical equipment with efficient electrical equipment or installation of efficient electrical equipment in new construction.

On June 5, 2006, KCPL filed substitute tariff sheets to make minor changes as requested by the Commission's Energy Department Staff (Staff). On June 7, 2006, KCPL filed substitute tariff sheets to correct the footer as requested by the Staff. On June 23, 2006 KCPL extended the requested effective date to July 10, 2006 as requested by the Staff. This filing is made pursuant to the Demand Response, Efficiency and Affordability Programs section of Appendix C of the Stipulation and Agreement which comprises the Experimental Regulatory Plan approved by the Commission in its July 28, 2005 Report And Order in Case No. EO-2005-0329. The Customer Programs Advisory Group (CPAG) has reviewed the Programs.

Description of Programs

KCPL will administer the Programs with assistance from the partnership of Opinion Dynamics Corporation and Summit Blue Consulting. Applications will be evaluated and approved by the Administrator (KCPL). A Participant is a commercial or industrial customer of KCPL who has an application approved for the Programs. The objectives of the Programs are to (1) identify barriers to energy efficiency implementation, (2) test the market in all Participant size categories, (3) get efficiency projects implemented and (4) fund the Programs fairly and equitably for Participants.

KCPL will offer rebates to encourage the installation of energy efficient equipment to reduce energy use and lower demand. The Programs provide rebates for an energy audit and subsequent improvements in the energy efficiency of the building space and/or equipment. The Programs have three components: 1) an energy audit program, 2) a rebate program for existing facilities and 3) a

MO PSC CASE NO. ET-2006-0458
OFFICIAL CASE FILE MEMORANDUM
Page 2 of 4

rebate program for new construction.

Energy Audit Program

This Program will offer rebates to help Participants cover the cost of an energy audit.

1. Commercial energy auditor chosen by the Participant from a list of commercial energy auditors approved by KCPL must perform the energy audit.
2. In order to receive a rebate for the audit, the Participant must implement at least one audit recommendation that qualify under the Custom Rebate Retrofit Program.
3. Rebate will be 50% of the audit cost up to \$300 for Participants with facilities less than 25,000 sq. ft. and up to \$500 for Participants with facilities over 25,000 sq. ft.
4. Participants with multiple buildings will be eligible for multiple rebates up to the limits as described below.

Custom Rebate Retrofit Program

This Program provides rebates to Participants that install, replace or retrofit qualifying electric savings measures including heating, ventilation and air conditioning (HVAC) systems, motors, lighting, pumps, etc.

1. All rebates will be individually determined and analyzed to ensure that the implementation of the measure with the rebate passes the Societal Benefit/Cost Test and the Total Resource Cost Test.
2. Rebates are calculated as the lesser of (a) a buy down to a two year payback or (b) 50% of the incremental cost.
3. A Participant may submit multiple rebate applications for different measures. Each individual measure will be evaluated on its own merits.
4. Similar measures that are proposed in different facilities or buildings will be evaluated separately.
5. Participants with multiple buildings will be eligible for multiple rebates, up to the limits as described below.

Custom Rebate New Construction Program

This Program will focus on the New Construction market and provide rebates to Participants that install qualifying electric savings measures including HVAC systems, motors, lighting, pumps, etc. This Program has the same qualifications as the Custom Rebate Retrofit Program.

Funding

All rebates will be distributed by the Company on a first-come, first awarded basis according to the date of the Participant's application. The funding is divided into three general service customer classes and based on the revenue contribution of each customer class to the overall commercial and industrial revenue:

Small General Service is 0 – 25 kW with a rounded contribution of 20%

Medium General Service is 25 – 200 kW with a rounded contribution of 33%

Large General Service/Large Power Service is over 200 kW with a rounded contribution of 47%

During the first six months of the Programs, funding from each customer class will be determined with a cap per Participant of 10% for small general service, 10% for medium general service and 25% for large general service/large power service.

MO PSC CASE NO. ET-2006-0458
 OFFICIAL CASE FILE MEMORANDUM
 Page 3 of 4

After the initial six months of the Programs, the same Participant may submit an additional application that puts that Participant above the Participant cap for the year, but the funding must stay within the same customer class. Since six months may not be long enough for a completed project, KCPL will not have any requirement for a completion date. KCPL will require receiving demonstration of an earnest commitment from the Participant for the funding to be reserved.

Funds not distributed in a Programs year shall be rolled over to be utilized in the succeeding Programs year and the maximum amount of the rebates will be adjusted as needed to any of the three customer classes. If at the end of the fifth year any funds remain, the remaining excess shall be made available for other energy efficiency programs. The total amount of all rebates shall not exceed the funds for the Programs.

Annual Funding For Programs

	Missouri Total	Small General Service Portion	Medium General Service Portion	Large General or Large Power Service Portion
Energy Audit	\$ 23,920	\$ 5,000	\$ 7,902	\$ 11,018
Custom Rebate - Retrofit	\$ 358,800	\$ 72,992	\$ 118,526	\$ 167,282
Custom Rebate - New Construction	\$ 448,500	\$ 91,241	\$ 148,157	\$ 209,103
Customer Cap		10%	10%	25%

Marketing

The Programs marketing plan is based on a multi-channel touch point strategy. The broad approach will be to create awareness of the Programs through a three pronged approach:

1. Targeted promotions through KCPL's sales channels and through trade allies.
2. A strong public relations effort targeting the business media, and business and trade associations.
3. A targeted advertising campaign focused on the customer base, using bill inserts and messages, direct mail, the KCP&L website, and local business publications.

Evaluation

KCPL has chosen a partnership of Opinion Dynamics Corporation and Summit Blue Consulting to conduct the process and impact evaluations. Once the contract has been finalized, a detailed evaluation plan for each component of the Programs will be developed. Once the Programs have been in effect for two years, the consultant will evaluate the Programs.

- Energy Audit Program: KCPL will track the effectiveness of this Program through Custom Rebate Program evaluations.
- Custom Rebate Retrofit Program: By design, this Program is self-evaluating. Impacts are based upon detailed engineering analysis. The evaluation contractor will independently determine impacts.
- Custom Rebate New Construction Program: Same as Customer Rebates Retrofit Program.

The results will be submitted to the Commission Staff for its review within six months after the end of the second year of the Programs.

MO PSC CASE NO. ET-2006-0458
OFFICIAL CASE FILE MEMORANDUM
Page 4 of 4

The Programs will terminate five (5) years after the original effective date of these tariff sheets.

Staff Recommendation

The Staff has reviewed the filed tariff sheets, and is of the opinion that they are in compliance with the Stipulation and Agreement approved by the Commission's Report And Order in Case No. EO-2005-0329. The Staff therefore recommends that the Commission issue an order approving the following proposed tariff sheets, as filed on May 30, 2006, and substituted on June 5 and June 7, 2006, to become effective on July 10, 2006, as requested by KCPL, or permit the tariff sheets to go into effect by operation-of-law:

P.S.C. MO. No. 7
Original Sheet No. 43L
Original Sheet No. 43M

The Staff has verified that this Company is not delinquent on any assessment or the filing of its 2005 annual report. The Staff is not aware of any other matter pending before the Commission that affects or is affected by this tariff filing.

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

Kansas City Power & Light Company)	
Energy Audit and Energy Saving)	Case No. ET-2006-0458
Measures Rider Schedule ER)	YE-2006-0883

AFFIDAVIT OF WILLIAM L. MCDUFFEY

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

William L. McDuffey, of lawful age, on oath states: that he participated in the preparation of the foregoing Staff Recommendation in memorandum form, to be presented in the above case; that the information in the Staff Recommendation was given by him; that he has knowledge of the matters set forth in such Staff Recommendation; and that such matters are true to the best of his knowledge and belief.

William L. McDuffey
William L. McDuffey

Subscribed and sworn to before me this 19th day of June, 2006.



Rosemarie Riedl
Notary Public

June 1, 2009

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light
Company Energy Audit and Energy Saving
Measures Rider Schedule ER

)
)
)
)

Case No. ET-2006-0458
Tariff No. YE-2006-0883

ORDER APPROVING TARIFF IN COMPLIANCE WITH COMMISSION
REPORT AND ORDER

Issue Date: June 27, 2006

Effective Date: July 10, 2006

In a Report and Order issued on July 28, 2005, the Commission approved Kansas City Power & Light Company's ("KCPL") Experimental Regulatory Plan in Case No. EO-2005-0329. This plan included Appendix C describing KCPL's Affordability, Efficiency and Demand Response Programs.

On June 5, 2006, Kansas City Power & Light Company filed two tariff sheets bearing an issue date of May 30, 2006, and an effective date of July 3, 2006. The tariff sheets were filed pursuant to KCPL's Regulatory Plan, Appendix C, and they outline KCPL's Energy Audit and Energy Savings Measure Program. KCPL's proposed Program will provide rebates to qualified customers for energy audits and energy-saving new construction and retrofit projects. At Staff's request, KCPL extended the effective dates of the tariffs to July 10, 2006.

The Staff of the Commission filed a verified recommendation and memorandum on June 26, 2006, which is hereby admitted into evidence. Staff finds that the proposed Program is in compliance with the Stipulation and Agreement approved by the

Commission's Report and Order in Case No. EO-2005-0329. Staff recommends that the Commission approve the submitted tariff to become effective on July 10, as requested by KCPL. No other party filed a recommendation in this case.

The Commission has reviewed the tariff filing and Staff's verified recommendation and memorandum and finds that KCPL's tariff should be approved to become effective on July 10, 2006.

IT IS ORDERED THAT:

1. The tariff sheets filed by Kansas City Power & Light Company, assigned tariff number YE-2006-0883, are approved to become effective on July 10, 2006. The tariff sheets approved are:

P.S.C. Mo. No.7
Original Sheet No. 43L
Original Sheet No. 43M

2. This order shall become effective on July 10, 2006.
3. This case may be closed on July 11, 2006.

BY THE COMMISSION



Colleen M. Dale
Secretary

(S E A L)

Harold Stearley, Regulatory Law Judge,
by delegation of authority pursuant to
Section 386.240, RSMo 2000.

Dated at Jefferson City, Missouri,
on this 27th day of June, 2006.

MISSOURI PUBLIC SERVICE COMMISSION

June 28, 2006

Case No. ET-2006-0458

General Counsel's Office
P.O. Box 360
200 Madison Street, Suite 800
Jefferson City, MO 65102

Lewis R. Mills, Jr.
P.O. Box 2230
200 Madison Street, Suite 650
Jefferson City, MO 65102

Kansas City Power & Light Company
Lois Liechti
1201 Walnut
PO Box 418679
Kansas City, MO 64141-9679

Enclosed find a certified copy of an ORDER in the above-numbered case(s).

Sincerely,

A handwritten signature in black ink, appearing to read 'Colleen M. Dale', written over a horizontal line.

***Colleen M. Dale
Secretary***

JE-2007-0456

Building Operator Certification Tariff

Sheet No. 43N and 43O

Case #

January 2, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Building Operator Certification Tariff - Sheet
Nos. 43N and 43O.

Dear Sir:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed Building Operator Certification tariff. This tariff is filed pursuant to the Regulatory Plan of KCP&L in Case No. EO-2005-0329.

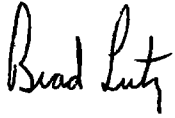
In an effort to support training and certification of building operators in the efficient operation of properties, KCP&L will partner with the Missouri Department of Natural Resources' Energy Center (MDNR) to make the Northwest Energy Efficiency Council's Building Operator Certification Level 1 and Level 2 curriculums available to customers in the Missouri portion of KCP&L's service area. Through this partnership KCP&L intends to reimburse MDNR for the annual cost of licensing the programs. (Similar efforts will be made through the Midwest Energy Efficiency Alliance (MEEA) to cover the Kansas portions of KCP&L's service territory.) Once licensed, MDNR will administer the Missouri certification programs: conducting the coursework, administering the tests, and issuing the certifications.

To provide further incentives for the certification process, KCP&L will offer reimbursements for one half of the tuition cost for each level certification (\$575 per level) to building operators who successfully complete the certifications and are employed by companies having at least one property in the Missouri portion of the KCP&L service area. Building operators will be required to complete a reimbursement request form that will be made available by KCP&L. Reimbursements will be paid by check to the company or individual who paid the initial tuition cost.

KCP&L will promote the certification program and reimbursement through our direct contacts with commercial accounts, information published on KCP&L's corporate website, and related industry publications. These promotions will be in addition to any efforts by MDNR. KCP&L has budgeted \$525,000 (Missouri and Kansas combined) for this five-year certification program. During the first year, only Level 1 certification will be offered. In years two through four, both Level 1 and Level 2 certification will be offered. In year five, only Level 2 certification will be offered. In total, KCP&L expects approximately 120 persons to complete the Level 1 certification and approximately 45 persons to complete the Level 2 certification.

Thank you for your consideration of this tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

- 1 – Proposed Tariff Sheets 43N and 43O
- 1 – KCP&L Promotional Plan

Cc: C. Giles
T. Rush
L. Liehti
D. Nickleson
OPC

PSC Mo. No. 7 Original Sheet No. 43N and 43O

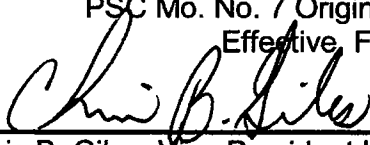
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
January 2, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43N and 43O
Effective, February 2, 2007.

A handwritten signature in cursive script, appearing to read "Chris B. Giles", is written over a horizontal line.

Chris B. Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Original ☒ Original Sheet No. 43N
☐ Revised
 Canceling P.S.C. MO. No. _____ ☐ Original Sheet No. _____
☐ Revised
 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
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: February 2, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

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

**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.

DATE OF ISSUE: January 2, 2007
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: February 2, 2007
1201 Walnut, Kansas City, Mo. 64106

**Building Operator Certification Promotional Practice
Planned Advertising/Publicity and
Documentation for Program Cost-Effectiveness**

Product Overview:

- a) The Building Operator Certification (BOC) program is designed to train facility operators in energy efficient building operations and management (O&M), establish recognition of and value for certified operators, support the adoption of resource-efficient O&M as the standard in building operations, and create a self-sustaining entity for administering and marketing the training.

This program requires a significant amount of effort. KCP&L cannot accomplish the program objectives alone. KCP&L will work with the Missouri Department of Natural Resources and the Midwest Energy Efficiency Alliance (MEEA), the licensee of the Northwest Energy Efficiency Council's Building Operator Certification program, to build a partnership with other Missouri stakeholders (other utility sponsors such as Ameren and Empire District Electric). In Kansas, KCP&L will work with MEEA. Once this has been accomplished, the program will begin to offer customers the Building Operator Training and Certification (BOC) program. Building operators that attend the training course will be expected to pay the cost of the course tuition. KCPL will provide a \$575 rebate per certification level completed to qualified participants upon successful completion of all course requirements and submittal of the rebate request form. Qualified participants are Building Operators who work for companies having at least one commercial property in KCP&L's service territory. The program is expected to attract customers with large facilities (over 50,000 sq. ft.) that employ full-time building operators. If employees pay for the program themselves, the partial rebate will be paid to them directly. In addition to the rebate, KCP&L will pay for the cost of licensing the program in our service area.

- b) The BOC program is a competency-based training and certification program for building operators offering improved job skills and encouraging more comfortable, efficient facilities. Operators earn certification by attending training and completing project assignments in their facilities. Training topics include facility electrical, HVAC and lighting systems, indoor air quality, environmental health and safety, and energy conservation. The program has two levels of certification: Level I - Building Systems Maintenance and Level II - Equipment Troubleshooting and Maintenance. Each level is separate and will be eligible for the \$575 rebate.

The utility shall provide the following supporting information for each promotional practice:

(A) A description of the advertising or publicity to be employed with respect to the promotional practice:

Marketing Communication Strategy:

1. Target audience: The target audience for this program is the day-to-day operator of a commercial building with at least 50,000 square feet.
2. Customer segments:
 - a. Large Accounts: Direct notification by KCP&L Energy Consultants for targeted customers. This will be done through segment specific lunch and learn sessions and direct contact by both mail and phone.
 - b. Medium Accounts: Direct mail notification of these accounts regarding the program.
3. Internal Channels:
 - a. Energy Consultants: Provide information to consultants, which they can share with their accounts. The target audience is largely the key accounts, which the energy consultants manage.
 - b. Business Center: Provide information that can be mailed out to customers enquiring about the program. All non-key account customers are handled by the business center representatives.
4. External Channels:
 - a. Midwest Energy Efficiency Alliance (MEEA): MEEA will have information regarding this program on their website www.boccentral.org
 - b. Missouri Department of Natural Resources Energy Center: The Energy Center will have information on their website <http://www.dnr.mo.gov/energy/index.html>
 - c. Building Owners and Managers Association (BOMA): Notification of BOMA regarding the program and schedule of classes. BOMA offers related program for facility managers and the BOC will tie into their programs.
 - d. Other Utilities: Partner with other utilities to offer the program to their customers in the area.
 - e. www.kcpl.com: Program information online including registration.

(B) For promotional practices that are designed to evaluate the cost-effectiveness of potential demand-side resources, a description of the evaluation criteria, the evaluation plan and the schedule for completing the evaluation:

Goals:

- (a) As described above, the goals for this program will include both Production Goals and Energy Savings Goals.
 - a. Production goals for the five-year pilot will include:
 1. Four Level I classes with an average of 20 students per class

2. Three Level II classes with an average of 20 students per class
- b. Energy Savings goals for the five-year pilot will include:
 1. 1,250,000 kWh saved in each year after the initial year of classes.
- (b) Opinion Dynamics (ODC) will conduct an evaluation of the program's performance.
 - a. Process Approach and Rationale: ODC will develop a pre- and post-training survey to be administered during the certification course. The pre-BOC training survey will ask about building use (to collect pre-participation data), while the post-survey will gather process-feedback about the training itself. ODC will then conduct in-depth follow-up surveys with participants at the time of the impact analysis to gather additional data (both process and impact).
 - b. Impact Approach and Rationale: ODC will use a Calibrated Engineering Algorithm Model to estimate impacts from this program. In conjunction with the process analysis, ODC will survey participants after a significant period of time has elapsed (typically at least six months) to determine whether they have put any of the information they obtained in the training to use in their buildings. ODC will gather enough data through the survey to be able to estimate energy impacts from actions they have taken and equipment they have installed. Some participants will have taken fairly modest actions, but actions that none-the-less produce savings, others will take very significant actions. That variability, plus the relatively small number of participants, makes a billing analysis inappropriate.
 - c. A full, detailed evaluation plan will be developed upon approval.

(C) For promotional practices that are designed to acquire demand-side resources, documentation of the criteria used and the analysis performed to determine that the demand-side resources are cost-effective.

KCP&L estimated costs for program delivery, administration, marketing, and customer incentives. These costs and benefits were inputted into a benefit-cost model with other inputs such as avoided energy and capacity costs, etc.

Results of this pre-implementation screening provided the following benefit-cost ratios:

Total Resource Cost Test	7.66
Societal Test:	7.88
Participant Test:	11.31
Ratepayer Impact Measure Test	1.14
Utility Cost Test	12.27

Estimated Program Cost

2007	\$105,000
2008	\$105,000
2009	\$105,000
2010	\$105,000
2011	\$105,000

A budget for the evaluation of this program will be identified upon development of the detailed evaluation plan.



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

STEVE GAW

ROBERT M. CLAYTON III

LINWARD "LIN" APPLING

Missouri Public Service Commission

**POST OFFICE BOX 360
JEFFERSON CITY MISSOURI 65102
573-751-3234
573-751-1847 (Fax Number)
<http://www.psc.mo.gov>**

WESS A. HENDERSON
Executive Director

DANA K. JOYCE
Director, Administration

ROBERT SCHALLENBERG
Director, Utility Services

WARREN WOOD
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

February 02, 2007

**Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141**

Re: Tariff # JE-2007-0456

Dear Brad Lutz

This letter is to advise you that the Commission reviewed tariff number JE-2007-0456 and determined that no formal action is required at this time. Unless the Commission takes some other action, this tariff will go into effect by operation of law on the tariff effective day.

Once this letter is issued, you may not alter, withdraw or substitute this tariff without the written permission of the Commission.

A stamped copy of the tariff documents is attached herewith and being made effective February 02, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale".

Colleen M. Dale
Secretary

CMD/dc

Enclosure

ORIGINAL TO CARLA BEACHEM

3/5/07 2:56PM

JE-2008-0373

**Home Performance with Energy Star
Tariff**

Sheet No. 43T, 43U, 43V



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

ROBERT M. CLAYTON III

LINWARD "LIN" APPLING

TERRY JARRETT

Missouri Public Service Commission

POST OFFICE BOX 360
JEFFERSON CITY MISSOURI 65102
573-751-3234
573-751-1847 (Fax Number)
<http://www.psc.mo.gov>

WESS A. HENDERSON
Executive Director

DANA K. JOYCE
Director, Administration and
Regulatory Policy

ROBERT SCHALLENBERG
Director, Utility Services

NATELLE DIETRICH
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

January 23, 2008

ORIGINAL TO CARLA

1/31/08.

Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141

Re: Tariff # JE-2008-0373

Dear Brad Lutz

This letter is to advise you that the Commission reviewed tariff number JE-2008-0373 and determined that no formal action is required at this time. Unless the Commission takes some other action, this tariff will go into effect by operation of law on the tariff effective day.

Once this letter is issued, you may not alter, withdraw or substitute this tariff without the written permission of the Commission.

A stamped copy of the tariff documents is attached herewith and being made effective January 23, 2008.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale".

Colleen M. Dale
Secretary

CMD/dc

Enclosure

December 17, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Home Performance with ENERGY STAR®
Tariff - Sheet Nos. 43T, 43U, and 43V

Dear Sir:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed Home Performance with ENERGY STAR® (HPwES) tariff. This tariff is filed pursuant to the Regulatory Plan of KCP&L in Case No. EO-2005-0329.

HPwES is a national program developed by the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE). The Program provides a process to identify significant energy savings through a whole-house energy assessment performed by Building Performance Institute certified Contractors or Consultants. The certified Contractors or Consultants will provide a detailed listing of improvements that may be applied to the home and will coordinate the installation of those improvements as directed by the Customer.

The HPwES Program is already in place in the Kansas City metro area. The Missouri Department of Natural Resources' Energy Center (MDNR), the state sponsor for our area, is partnering with the Metropolitan Energy Center (MEC) to implement the Program in a seven county territory in Missouri and Kansas consisting of Cass, Clay, Jackson, Johnson, Leavenworth, Platte, and Wyandotte counties. Area Agencies, including the Heartland Utilities for Energy Efficiency and The State of Kansas, are providing funding to the Program.

KCP&L intends to support this existing effort by focusing on Program promotion and lead development within our service territory. KCP&L will promote the Program to residential Customers through mediums that may include press releases, direct mailings, bill messages, bill inserts, and website materials. Further, KCP&L will provide an incentive of up to \$600 per home toward the full cost of the initial assessment and a portion of the improvement cost to customers who implement at least one qualifying, energy improvement.

The five-year pilot Program will be submitted to both Missouri and Kansas jurisdictions and, provided the Program is approved in both states, KCP&L estimates it will generate approximately 2,000 additional leads from Customers that will be forwarded to MEC. It is further estimated that those leads will result in 1,000 assessments and 500 incentives

paid to Customers. Program costs for both jurisdictions are expected to total \$707,500 through the five-year term of the Program, as estimated in Appendix C of the Stipulation and Agreement (EO-2005-0329). All Program modifications have been presented to the Missouri Customer Programs Advisory Group (CPAG).

Thank you for your consideration of this tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

- 1 – Proposed Tariff Sheets 43T, 43U, and 43V
- 1 – KCP&L Promotional Plan

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

PSC Mo. No. 7 Original Sheet No. 43T, 43U and 43V

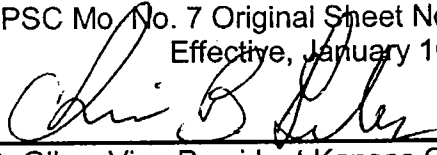
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
December 17, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43T, 43U and 43V
Effective, January 16, 2008.



Chris B. Giles, Vice-President Kansas City Power & Light Company

**Home Performance with Energy Star Promotional Practice
Planned Advertising/Publicity and
Documentation for Program Cost Effectiveness**

Program Description:

Home Performance with Energy Star (HPwES) is a national program from the U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE). It is an innovative program that strives to produce an economically sustainable model that captures significant energy savings by encouraging a whole-house approach to energy efficiency improvements in existing homes. The program begins with a whole-house energy assessment performed by trained and Building Performance Institute (BPI) certified contractors or consultants. The infrastructure is then provided for homeowners to follow through and complete energy improvements to their homes. A local HPwES sponsor is responsible for ensuring that participating contractors maintain high standards for quality. This typically includes providing specialized training for contractors and conducting quality assurance inspections to verify that HPwES projects get done correctly.

Program Framework:

Missouri Department of Natural Resources' Energy Center (MDNR) is the sponsor of a multi-state approach including Illinois, Missouri, and Kansas. MDNR will coordinate efforts with local partners to implement the HPwES program. KCPL will partner regionally with the Metropolitan Energy Center (MEC) to implement a successful program in the Kansas City area. The State of Kansas is also funding a portion of the program.

MDNR will perform the role of coordinating agreements with local partners, produce a multi-state marketing plan, facilitate peer exchange, monitor quality assurance, and report results to the Department of Energy (DOE)/Environmental Protection Agency (EPA) HPwES Program.

MEC will manage the process and flow of the local HPwES Program. This will include contractor recruiting, training and certifications, management of the lead generation process, whole-house performance education for customers, and quality assurance.

With the infrastructure in place, KCPL will work to promote the program throughout KCPL's territory. This effort will include marketing, lead generation, and customer incentives. KCPL's scope will also include an impact evaluation of the program within KCPL's service territory in program year three.

The utility shall provide the following supporting information for each promotional practice:

(A) A description of the advertising or publicity to be employed with respect to the promotional practice:

MDNR will implement a coordinated marketing effort that reflects the multi-state nature of the program, but that allows for local flexibility. KCPL will implement additional marketing to customers within the KCPL service territory. Marketing efforts will include coordination with contractors/consultants. Information and marketing materials will be prepared in order for contractors to leverage KCPL's existing programs that are relevant to HPwES. KCPL will also seek cooperative advertising opportunities with contractors/consultants.

KCPL will consider the following mediums to be utilized as part of the promotional plan:

- Press Release
- Direct Mail
- Bill Inserts
- Bill Messages
- Program Web Page
- Tradeshow

(B) For promotional practices that are designed to evaluate the cost-effectiveness of potential demand-side resources, a description of the evaluation criteria, the evaluation plan and the schedule for completing the evaluation:

Success of the program will be based on meeting or exceeding the minimum set targets. KCPL will conduct an impact analysis in program year three. This will consist of conducting a billing analysis between participants and a control group within the KCPL territory. MDNR will also conduct a 12-month post-HPwES utility bill analysis.

(C) For promotional practices that are designed to acquire demand-side resources, documentation of the criteria used and the analysis performed to determine that the demand-side resources are cost-effective.

KCPL estimated costs for program delivery, administration, marketing, and customer incentives. These costs and benefits were input into a benefit-cost model along with other inputs such as avoided energy and capacity costs, etc. Two different analyses were made based on the uncertainty of what savings might be achieved through this program.

Results of this pre-implementation screening provided the following benefit-cost ratios:

Scenario 1: EPA savings and demand estimates for the Midwest

Total Resource Cost Test:	1.18
Societal Test:	1.33
Participant Test:	3.31
Ratepayer Impact Measure Test:	.66
Utility Cost Test:	1.03

Scenario 2: NYSERDA savings and demand numbers

Total Resource Cost Test:	.78
Societal Test:	.89
Participant Test:	2.73
Ratepayer Impact Measure Test:	.49
Utility Cost Test:	.68

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43T
☐ Revised
 Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 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.

DATE OF ISSUE:	December 17, 2007	DATE EFFECTIVE:	January 23, 2008 January 16, 2008
ISSUED BY:	Chris Giles Vice-President		<u>1201 Walnut, Kansas City, Mo. 64106</u>

KANSAS CITY POWER & LIGHT COMPANYP.S.C. MO. No. 7☒ OriginalSheet No. 43U☐ Revised

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

☐ Original

Sheet No. _____

☐ RevisedFor 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.

DATE OF ISSUE: December 17, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: ~~January 18, 2008~~
January 23, 2008
1201 Walnut, Kansas City, Mo. 64106

FILED
 Missouri Public
 Service Commission

KANSAS CITY POWER & LIGHT COMPANYP.S.C. MO. No. 7☒ OriginalSheet No. 43V☐ Revised

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

☐ Original

Sheet No. _____

☐ RevisedFor Missouri Retail Service Area**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.

DATE OF ISSUE: December 17, 2007
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: ~~January 16, 2008~~
January 23, 2008
1201 Walnut, Kansas City, Mo. 64106

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Missouri Public
Service Commission

Schedule TMR-4

Page 123 of 186

JE-2008-0546

Energy Star New Homes

Sheet No. 43W, 43X, 43Y

Case # EO-2005-0329



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

ROBERT M. CLAYTON III

LINWARD "LIN" APPLING

TERRY JARRETT

Missouri Public Service Commission

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Executive Director

DANA K. JOYCE
Director, Administration and
Regulatory Policy

ROBERT SCHALLENBERG
Director, Utility Services

NATELLE DIETRICH
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

April 04, 2008

Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141

Re: Tariff # JE-2008-0546

Dear Brad Lutz

This letter is to advise you that the Commission reviewed tariff number JE-2008-0546 and determined that no formal action is required at this time. Unless the Commission takes some other action, this tariff will go into effect by operation of law on the tariff effective day.

Once this letter is issued, you may not alter, withdraw or substitute this tariff without the written permission of the Commission.

A stamped copy of the tariff documents is attached herewith and being made effective April 06, 2008.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale", is written over a horizontal line.

Colleen M. Dale
Secretary

CMD/dc

Enclosure

March 7, 2008

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Energy Star New Homes Tariff - Sheet No. 43W, 43X, and 43Y.

Dear Secretary:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed Energy Star New Homes tariff. This tariff is filed pursuant to the Regulatory Plan of KCP&L in Case No. EO-2005-0329.

The Energy Star New Homes Program is intended to improve the energy efficiency of homes built in the residential construction market 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 through the ENERGY STAR® program. The Company will partner with ENERGY STAR® and area Builders to promote the Program in our service territory. The Company will also provide an \$800 per home incentive to Builders toward the incremental cost to meet the ENERGY STAR® requirements. Homes built under the ENERGY STAR® guidelines are typically 20–30% more energy efficient than standard homes and 15% more energy efficient than homes built to the 2004 International Residential Code. A copy of the Promotional Plan is attached.

As an additional element of the Program, KCP&L will target promotional efforts toward residential Customers within the Company service territory area to improve understanding of the benefits of a new home built to ENERGY STAR® requirements.

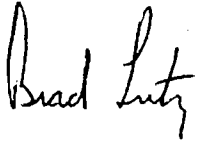
This Program will be submitted to both the Missouri and Kansas jurisdictions. KCP&L estimates that a total of 3500 homes will be built under the ENERGY STAR® requirements and Builders will receive incentives over the five-year duration of the program. KCP&L has budgeted a total of \$6,105,000 for this program, of which \$2,800,000 is targeted for program incentives. 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. The expected cost of this program is significantly different than that estimated in Appendix C of the Stipulation and Agreement (EO-2005-0329), which was \$3,480,000. Cost changes are related to the significant re-design of the program from the originally contemplated education design and the additional cost of paying for the independent inspections. Even though this program is more expensive than the original program, this program design is also more cost-effective, based on the benefit/cost

JE-2008-0546

model. All program modifications have been presented to the Missouri Customer Programs Advisory Group (CPAG).

Thank you for your consideration of this new tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

- 1 – Proposed Tariff Sheets 43W, 43X, and 43Y
- 1 – KCP&L Promotional Plan

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

**ENERGY STAR® New Homes Promotional Practice
Planned Advertising/Publicity and
Documentation for Program Cost Effectiveness**

Program Description:

ENERGY STAR® New Homes (“ESNH”) is a national program from the U.S. Environmental Protection Agency (“EPA”). The program is designed to improve the energy efficiency of the residential construction market by leveraging the ENERGY STAR® brand, the government backed symbol for energy efficiency. To earn the ENERGY STAR® rating, a home must be built at least 15% more energy efficient than homes built to the 2004 International Residential Code. Compliance to the established building standards is established through inspections completed by a Home Energy Rating System (“HERS”) certified inspector.

Program Framework:

Kansas City Power & Light (“KCPL”) will complete the necessary requirements to obtain Partner status with ENERGY STAR® to promote the ESNH Program regionally. KCPL will then work with Builders in the KCPL service territory to help them achieve similar Partner status with ENERGY STAR®.

As necessary to keep up with the number of homes being built, KCPL will expand the availability of inspectors, or HERS raters, certified to evaluate homes under the HERS standards within the KCPL service territory. The HERS program, established by the Residential Energy Services Network, will be used to provide independent, third party verification of ESNH construction.

Builders will construct homes following one of two agreement structures, a performance agreement or a prescriptive agreement. The performance agreement requires builders to submit construction plans for analysis prior to construction. The prescriptive agreement requires builders to apply specific energy efficiency measures, pre-defined by ENERGY STAR® to a new 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.

All homes built under this program will be subject to complete onsite inspections by certified HERS raters. The inspection process will consist of three inspections: two during construction and one following completion of the home to verify compliance with ENERGY STAR® requirements. Inspection costs of up to \$750 per home will be paid by KCPL. HERS Raters retained by Builders of multiple homes may be eligible to apply the Sampling Protocol, as defined by the Residential Energy Services Network and adopted by ENERGY STAR®, to randomly test and inspect a minimum of 15 percent of the builder’s similarly constructed homes.

Builders of homes that achieve the ENERGY STAR® rating may request a rebate of \$800 per home toward the incremental cost of meeting ENERGY STAR® requirements.

KCPL 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. KCPL will also leverage ENERGY STAR® materials to establish a clearinghouse of training materials, marketing resources and tools that can be used by Builders and KCPL to implement and promote the program.

KCPL Program Goals:

Program Year	Energy Star Rated Homes
Year One	0
Year Two	500
Year Three	1000
Year Four	1000
Year Five	1000

Budget:

ESNH Program Budget						
Program Year	Program Delivery	Admin	Incentive	Marketing	Evaluation	Total
Year One	\$60,000	\$0	\$0	\$20,000	\$0	\$80,000
Year Two	\$415,000	\$55,000	\$400,000	\$50,000	\$0	\$920,000
Year Three	\$780,000	\$55,000	\$800,000	\$50,000	\$50,000	\$1,735,000
Year Four	\$780,000	\$55,000	\$800,000	\$50,000	\$0	\$1,685,000
Year Five	\$780,000	\$55,000	\$800,000	\$50,000	\$0	\$1,685,000
Total	\$2,815,000	\$220,000	\$2,800,000	\$220,000	\$50,000	\$6,105,000

KCPL Program Strategy:

Incentive Strategy

KCPL will offer financial incentives to builders who build homes that achieve the ENERGY STAR® rating. Builders of homes receiving the ENERGY STAR® rating will be eligible to receive \$800 per home toward the incremental cost of building to ENERGY STAR® New Homes requirements.

Technical Services

KCPL will offer technical services that may include builder training, development of the HERS infrastructure, and sales training.

Development & Promotional Campaign

KCPL will implement marketing campaigns to customers within the KCPL service territory. Marketing efforts will include coordination with ENERGY STAR® builders. KCPL will also seek co-op advertising opportunities with other local ENERGY STAR® partners including builders, home energy raters, etc. Further, KCPL will pay the cost of completing the HERS inspections, up to \$750 per home, to remove that cost as a potential barrier to participation.

Program Evaluation

Success of the program will be based on meeting or exceeding the minimum set targets. KCPL will conduct an impact analysis in program year three. This will consist of conducting a billing analysis.

The utility shall provide the following supporting information for each promotional practice:

(A) A description of the advertising or publicity to be employed with respect to the promotional practice:

KCPL will promote the program to residential customers within the KCPL service territory as well as builders who are constructing homes in the KCPL service territory.

KCPL will consider the following mediums to be utilized as part of the promotional plan:

- Press Release
- Direct Mail
- Bill Inserts
- Bill Messages
- Program Web Page
- Tradeshows

(B) For promotional practices that are designed to evaluate the cost-effectiveness of potential demand-side resources, a description of the evaluation criteria, the evaluation plan and the schedule for completing the evaluation:

Success of the program will be based on meeting or exceeding the minimum set targets. KCPL will conduct an impact analysis in program year three. This will consist of conducting a billing analysis between participants and a control group within the KCPL territory.

(C) For promotional practices that are designed to acquire demand-side resources, documentation of the criteria used and the analysis performed to determine that the demand-side resources are cost-effective.

KCPL estimated costs for program delivery, administration, marketing, and customer incentives. These costs and benefits were input into a benefit-cost model along with other inputs such as avoided energy and capacity costs, etc.

Results of this pre-implementation screening provided the following benefit-cost ratios:

Total Resource Cost Test:	1.48
Societal Test:	1.73
Participant Test:	2.71
Ratepayer Impact Measure Test:	0.64
Utility Cost Test:	1.57

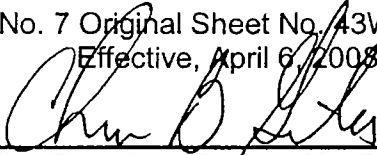
PSC Mo. No. 7 Original Sheet No. 43W, 43X, and 43Y
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
March 7, 2008

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Original Sheet No. 43W, 43X, and 43Y
Effective, April 6, 2008.



Chris B. Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43W
☐ Revised
 Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
 For Missouri Retail Service Area

**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.
- 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.

DATE OF ISSUE: March 7, 2008
ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: April 6, 2008
1201 Walnut, Kansas City, Mo. 64106

FILED
 Missouri Public
 Service Commission

4 CSR 240-3.164 (2) (A-C)

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43X
☐ Revised
Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
For Missouri Retail Service Area

ENERGY STAR® New Homes Schedule NH

(continued)

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 KCPL 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.
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 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.

DATE OF ISSUE: March 7, 2008
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: April 6, 2008
1201 Walnut, Kansas City, Mo. 64106

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Missouri Public
Service Commission

4 CSR 240-3.164 (2) (A-C)

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 ☒ Original Sheet No. 43Y
☐ Revised
Cancelling P.S.C. MO. No. ☐ Original Sheet No.
☐ Revised
For Missouri Retail Service Area

ENERGY STAR® New Homes Schedule NH

(continued)

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.

DATE OF ISSUE: March 7, 2008
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: April 6, 2008
1201 Walnut, Kansas City, Mo. 64106

FILED
Missouri Public
Service Commission

Demand Response Program

JE-2006-0562

**Revised Air Conditioner Cycling
Tariff**

Sheet No. 43F and 43G

Case # ET-2006-0338

September 6, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of the Revised Air Conditioner Cycling Tariff -
Sheet No. 43F & 43G.

Dear Secretary:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed revised Air Conditioner Cycling tariff. This tariff was originally filed pursuant to the Regulatory Plan of KCP&L in Case No. EO-2005-0329.

The Air Conditioner Cycling Program (Program) is intended to help reduce system peak load and defer the need for additional capacity by temporarily cycling the Participants' air conditioning unit. The Program was approved in October 2005 and has been branded as the "Energy Optimizer" by the Company. In 2006, the Program provided approximately 12.8 MW of demand response load reduction.

In an effort to continue this success, KCP&L is proposing the following modifications the Program:

1. Add the Medium General Service customer class and remove the tonnage limits from the Program Availability. By adding the Medium General Service class to the availability of the tariff, we will be able to offer a demand response option to all customers. Absent this modification, some customers in the Medium General Service class do not meet the requirements to participate in the Program and have also been excluded from participation in our MPower demand response program. Removing the tonnage limit will allow us to include selected, smaller Residential systems that can economically contribute to the Program. We believe expanding the Program is an effective way to serve our customer base and continue to meet our demand response goals.
2. Add the Energy Optimizer brand name to the tariff. The Energy Optimizer is the official brand name of the Program, developed after the approval of the tariff, and has served to provide a recognizable identity to our customers. The Energy Optimizer name ties directly to labeling on the programmable thermostat and communicates the savings to be gained by the customer through managing their thermostat settings.

3. Make minor revisions to the tariff language to provide consistency and clarity.
It is our process to evaluate all tariffs for improvements in consistency and clarity. To that end we are requesting a number of small modifications to the tariff to use consistent wording, provide clearer links to other tariffs, and improve the overall readability of the tariff.

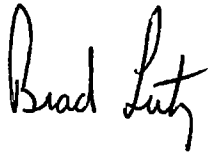
All of these revisions have been prepared with the cooperation of the Commission Staff.

The Program has been well received by our residential customers. As word has spread through our customer groups and vendor channels, opportunities outside the original tariff have been identified. Opportunities with customers in the Medium General Service Class and the Residential class with units smaller than two tons seem to offer the best potential. Expanding the availability of the Program will allow us to include those customers and create greater load reduction in combination with the existing Residential participants. Our desire is to offer the Energy Optimizer to any customer that has a central air conditioning unit that is compatible with the programmable thermostat and will economically contribute to the Program.

These changes will be applied with no additional cost to the Program.

Thank you for your consideration of this new tariff. Please contact me directly at (816) 654-1689 if you require any additional information.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

1 – Proposed Tariff Sheet 43P

CC: C Giles
T Rush
L Liechti
D Nickleson

PSC Mo. No. 7 First Revision Sheet No. 43F & 43G

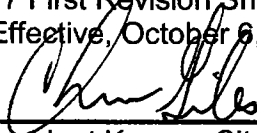
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
September 6, 2007

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 First Revision Sheet No. 43F & 43G.
Effective, October 6, 2007.



Chris Giles, Vice-President Kansas City Power & Light Company

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First ☐ Original Sheet No. 43F
☒ Revised
 Cancelling P.S.C. MO. No. 7 ☒ Original Sheet No. 43F
☐ Revised
 For Missouri Retail Service Area

**RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER
 ENERGY OPTIMIZER PROGRAM
 Schedule ACC**

PURPOSE:

The voluntary Energy Optimizer Program is intended to help reduce system peak load and thus defer the need for additional capacity. The Program accomplishes this by cycling the Participants' air conditioning unit temporarily in a Company coordinated effort to limit overall system peak load. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

The Energy Optimizer Program is available to any Customer currently receiving or requesting service under any residential, small general service or medium general service rate schedule. Customers must also have adequate paging and/or radio coverage and have a working, central air conditioning system of suitable size and technology to be controlled by the programmable thermostat. Other appliances such as pool pumps or electric hot water heaters may be controlled with Participant's permission. 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.

CONTROLS AND INCENTIVES:

Participants will receive a programmable thermostat that can be controlled via radio signals sent to the unit by the Company or its assignees. During a curtailment event, the Company or its assignee will send a radio signal to the thermostat that will cycle the Participants air conditioner and any other equipment. Participants may use the programmable thermostat throughout the year to improve heating and cooling efficiency. Company supplied control devices may be substituted for the programmable thermostat.

CYCLING METHODS:

The Company may elect to cycle Participant's air conditioner units either by raising the thermostat setting, or by directly cycling the compressor unit.

NOTIFICATION:

The Company will notify Participant's of a curtailment event via a website and/or on the thermostat. The notification can occur prior to or at the start of a curtailment event.

CURTAILMENT SEASON:

The Curtailment Season will extend from June 1 to September 30.

DATE OF ISSUE: September 6, 2007
 ISSUED BY: Chris Giles
 Vice-President

DATE EFFECTIVE: October 6, 2007
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First ☐ Original Sheet No. 43G
☒ Revised
 Cancelling P.S.C. MO. No. 7 ☒ Original Sheet No. 43G
☐ Revised
 For Missouri Retail Service Area

**RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER
 ENERGY OPTIMIZER PROGRAM
 Schedule ACC (Continued)**

CURTAILMENT LIMITS:

The Company may call a curtailment event any weekday, Monday through Friday, excluding Independence Day and Labor Day, or any day officially designated as such. A curtailment event occurs whenever the thermostat is being controlled by the Company. The Company may call a maximum of one curtailment event per day lasting no longer than four (4) hours per Participant. The Company is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

CURTAILMENT OPT OUT PROVISION:

A Participant may opt out of one air conditioning cycling curtailment event each month during the Curtailment Season by notifying the Company at any time prior to or during a curtailment event. Notification must be communicated to the Company by using the Company's website (www.kcpl.com) or by calling the Company at the telephone number provided with the air conditioner cycling agreement. If a curtailment event does not occur on the day the Participant requested to opt out, the Participant is not considered as having used their once-per-month opt out provision.

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 reasons 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.

CONTRACT TERM:

Initial contracts will be for a period of three years, terminable thereafter on 90 days written notice. At the end of the initial term, the 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. The Company may retain ownership of Company supplied control equipment after the initial term. If the Participant leaves the Program prior to the end of the initial contract, the Company will have 60 days thereafter to remove the thermostat and/or other control equipment; otherwise, it becomes the Participant's property.

DATE OF ISSUE: September 6, 2007
 ISSUED BY: Chris B. Giles
 Vice-President

DATE EFFECTIVE: October 6, 2007
1201 Walnut, Kansas City, Mo. 64106



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

STEVE GAW

ROBERT M. CLAYTON III

LINWARD "LIN" APPLING

Missouri Public Service Commission

**POST OFFICE BOX 360
JEFFERSON CITY MISSOURI 65102
573-751-3234
573-751-1847 (Fax Number)
<http://www.psc.mo.gov>**

WESS A. HENDERSON
Executive Director

DANA K. JOYCE
Director, Administration

ROBERT SCHALLENBERG
Director, Utility Services

WARREN WOOD
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

October 05, 2007

Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141

ORIGINAL TO CARLA

10/11/2007

Re: Tariff # JE-2008-0156

Dear Brad Lutz

This letter is to advise you that the Commission reviewed tariff number JE-2008-0156 and determined that no formal action is required at this time. Unless the Commission takes some other action, this tariff will go into effect by operation of law on the tariff effective day.

Once this letter is issued, you may not alter, withdraw or substitute this tariff without the written permission of the Commission.

A stamped copy of the tariff documents is attached herewith and being made effective October 06, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale".

Colleen M. Dale
Secretary
CMT/dc

Enclosure

JE-2007-0562

MPOWER Rider

Sheet No. 21 through 21E

Case # ET-2006-0562



Kansas City Power & Light®

February 27, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval o

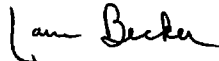
Dear Sir:

Kansas City Power and Light Company (KCP&L) has requested the Commission to substitute the enclosed MPOWER rider (M) for the one submitted January 20, 2006. MPSC Staff and KCP&L have been in discussion, and agree on the need for a minor change to the original filing, namely, the effective date of March 3, 2006 will now be March 8, 2006.

JE - 2007 - 0562
Commission to
submitted January 20,

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,



Laura Becker
Regulatory Affairs

Enclosures

1 - Proposed Tariff Sheets 21, 21A, 21B, 21C, 21D, and 21E

Cc C Giles
T Rush
L Liechti
D Nickelson
OPC

JE-2006-0562
ET-2006-0338



February 9, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of MPOWER Rider

Dear Sir:

Kansas City Power and Light Company (KCP&L) asks the Commission to substitute the enclosed MPOWER rider (MP) for the one submitted January 20, 2006. MPSC Staff and KCP&L have been in discussion, and agree on the need for a minor change to the original filing, namely, the original effective date of February 20, 2006 will now be March 3, 2006.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Becker".

Laura Becker
Regulatory Affairs

Enclosures

1 - Proposed Tariff Sheets 21, 21A, 21B, 21C, 21D, and 21E

Cc C Giles
T Rush
L Liehti
D Nickelson
OPC

JE-2006-0562
ET-2006-0338

K A N S A S C I T Y P O W E R & L I G H T C O M P A N Y

1201 WALNUT • P.O. BOX 418679 • KANSAS CITY, MO 64141-9679 • 816-556-2200 • WWW.KCPL.COM

January 20, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of MPOWER Rider

Dear Sir:

Kansas City Power and Light Company (KCP&L) seeks approval from the Commission of the enclosed MPOWER Rider. This rider is filed per the Regulatory Plan of Kansas City Power and Light, Case. No. EO-2005-0329, Appendix C. Please understand that the intent of the MPOWER tariff is to replace our current curtailment rider known as Peak Load Curtailment Credit (PLCC) rider.

The following provides documentation to better explain KCP&L's intent with respect to this rider:

This voluntary rider is available to any customer receiving or requesting electric service under any generally available non-residential rate schedule that has a capability to curtail a minimum of 200 kW. The length of an MPOWER contract between KCP&L and the customer can be for either one, three or five years, each contract having different terms associated with it. Terms that vary based upon length of contract include the length of the curtailment season, amount of notification time given before a curtailment begins, the compensation received, and the maximum number of curtailment events per year a customer can be called upon. Terms of a contract that are the same for all customers include potential curtailment days and hours (Monday – Friday, 12 noon to 10 pm), no curtailments on major holidays, calculation of Firm Power level and Estimated Peak Demand and penalty charges for non-compliance. The detailed description of the rider can be found in the tariff sheets and in the attached MPOWER Plan.

Anticipated customer participation and budgeted customer compensations for the Missouri service territory are listed as follows:



<u>Year</u>	<u>Curtailed Demand (kW)</u>	<u>Total Compensation</u>
2006	34,576	\$1,236,461
2007	40,652	\$1,415,299
2008	55,066	\$1,830,225
2009	79,319	\$2,664,683

KCP&L has been working with the Customer Programs Advisory Group (CPAG) consisting of representatives from the Public Service Commission Staff, the Office of Public Council, Missouri Department of Natural Resources, City of Kansas City, Praxair, and Empire District Electric Company. These parties have been instrumental in addressing this program.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,

Laura Becker
Regulatory Affairs

Enclosures

- 1 - Proposed Tariff Sheets 21, 21A, 21B, 21C, 21D, and 21E
- 1 - MPOWER PLAN

Cc C Giles
T Rush
L Liechti
D Nickelson
OPC

LETTER OF TRANSMITTAL

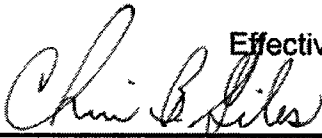
Kansas City Power & Light Company
January 20, 2006

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedules issued by the Kansas City Power & Light Company are sent to you for filing in compliance with the requirements of the Public Service Commission Law and agreed to in Case No. EO-2005-0329.

As fully described in the accompanying memorandum PSC Mo. No. 7 Revised Sheet No's. 21 through 21D replace our current curtailment rider program, PLCC with a new curtailment rider program, MPOWER. As well, current PSC Mo. No. 7 Revised Sheet No. 21E is hereby deemed "For Future Use".

Effective, February 20, 2006.



Chris B. Giles, Vice-President Kansas City Power & Light Company

The Plan

KCP&L offers a load curtailment program, called MPower, which will offer load curtailment through voluntary customer contracts. These contracts will be one-year, three-year and five-year contracts. Longer-term contracts offer greater value, to both the customer and the company, than shorter-term contracts.

The plan is to contract with commercial and industrial customers to reduce KCP&L's Capacity Load Serving Responsibility. The method by which the customer reduces their load is up to the customer, but the most typical option is to reduce their loads during curtailments or turn on their self-generation. Any environmental permitting is the responsibility of the customer.

The MPower Rider is a commercial and industrial load curtailment program. MPower is designed to improve curtailment program customer features based on customer surveys. The program offers customers capacity and curtailment event payments, limits curtailments to three consecutive days, provides the opportunity to opt-out one time per curtailment season and, for economic load curtailments, buy energy at a price determined by KCP&L on the day of the curtailment event. Multi-year contracts provide KCP&L greater value and the greater value is reflected in additional benefits to the customer with multi-year commitments.

MPower Features

Attributes	MPower
Minimum load curtailment	200 kW
Curtailment days	Monday-Friday
Curtailment hours	12:00 p.m. – 10:00 p.m.
Maximum curtailment hours per year	120 hours
Maximum duration per curtailment event	8 hours
Maximum number of consecutive curtailment days	3 days
Reasons for curtailment	Operational or Economic
Curtailment opt-out	1 day per season
Curtailment event payment	\$0.36/kW/event
Energy purchase option	Available at KCP&L determined price*
Excess curtailment	Energy from excess curtailment will be deducted from monthly energy bill
Non-compliance penalty	\$1.25/kWh above Firm Power Level

**Available during economic curtailments only.*

MPOWER Contract Term Options

4 CSR 240-3.164 (2) (A-C)

Attributes		MPOWER	
Term	1-Year	3-Year	5-Year
Curtailment season	5 months (May-September)	5 months (May-September)	12 months (January-December)
Notification period	4 hours	2 hours	1 hour
Number of events per year	25	25	30
Participation payment	About 30% of curtailment value	About 40% of curtailment value	About 50% of curtailment value
Payment types	Participation payment Event incentive	Initial payment Annual participation payment Event payment	Initial payment Annual participation payment Event payment

Contract value

The contract value is determined by the load curtailed and energy not delivered during curtailments.

- Capacity value is derived from the avoided long-term capacity purchases or new construction of gas combustion turbines.
- Energy value is derived from the marginal energy market price during curtailment hours.

Customer benefits

- Customers receive participation payments based on their curtailable load.
- Curtailment event payments provide customers value for each curtailment event.
- During a curtailment, the customer will purchase less energy from KCP&L, thus lowering their monthly energy purchase.
- During economic curtailments customers can purchase energy at a price determined by KCP&L on the curtailment day. The price will include the market energy cost plus a delivery charge and administrative fee.

Contract term and value

Customers can contract for load curtailment in one, three and five-year terms.

The three- and five-year term provides additional value to the customer and the customer provides additional curtailment opportunities to KCP&L.

- Under the one-year contract, the customer receives \$16 per kW per season for the contracted curtailment and \$.36 per kW for each curtailment event.
- Under a three-year contract, 40% of KCP&L's net present value of the curtailment is provided as incentive to the customer.
- Under a five-year contract, 50% of KCP&L's NPV is used for customer payments.
- KCP&L's NPV parameters are determined at the beginning of each year. These parameters include annual capacity value and energy cost.
- For each year, all customers are treated the same under each contract term.
- The annual participation payment calculated for multi-year contracts can be reduced to provide the customer with an initial payment that can be used to help offset the customer's investment required to participate in the program.

Payments and penalties

4 CSR 240-3.164 (2) (A-C)

- Participation payments will be applied as bill credits equally for each month of the curtailment season.
- All event payments will be paid in the month of October.
- Penalties would be applied to the October bill.
- If mutually agreed, load curtailment can increase during the contract and the customer will receive additional payments.
- If load curtailment is reduced during the contract term, the value of the curtailment will be recalculated and the customer will be required to refund part or all of the payments received.
- If a customer through self-generation provides more curtailment than their load during Company requested curtailments and with Company approval and some of the energy flows from the customer to the utility system, the energy coming back to the utility system will be measured and deducted from the customer's monthly usage.
- If the customer elects to receive a check instead of bill credits, the check will be issued in October.

Curtailment

- The Estimated Peak Demand will be the average of the customer's maximum actual demand in the months of May through September from the summer preceding the start of the contract. The EPD may be adjusted based on evidence that the Customer's actual peak demand has or is likely to change.
- The customer will determine their Firm Power Level as the usage below which they will remain during all hours of a curtailment event.
- The difference between the EPD and FPL will be the contracted Curtailable Load.

Program promotion

The program will be marketed to customers with 200 kW or more of load curtailment potential. Direct marketing will be by assigned Energy Consultants to the largest 330 customers. The program will also be marketed to smaller customers that have participated in past load curtailment programs. Any customer who can curtail 200 kW is eligible.

Program evaluation

The program will be evaluated for market, process and impact. These three areas will be evaluated and reported on following each summer curtailment season.

Special notes

- No energy is to be purchased or sold by the customer to the wholesale market.
- As it relates to incentive calculations, all customers will be treated the same. Payments will be based solely on the customer's capability to provide load curtailment when curtailments are called during the term of the contract.
- All evaluations and analysis for each contract will be retained for confidential regulatory review.



February 9, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of MPOWER Rider

Dear Sir:

Kansas City Power and Light Company (KCP&L) asks the Commission to substitute the enclosed MPOWER rider (MP) for the one submitted January 20, 2006. MPSC Staff and KCP&L have been in discussion, and agree on the need for a minor change to the original filing, namely, the original effective date of February 20, 2006 will now be March 3, 2006.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,

A handwritten signature in black ink, appearing to read "Laura Becker".

Laura Becker
Regulatory Affairs

Enclosures

1 - Proposed Tariff Sheets 21, 21A, 21B, 21C, 21D, and 21E

Cc C Giles
T Rush
L Liechti
D Nickelson
OPC



Kansas City Power & Light®

February 27, 2006

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Request Commission approval of MPOWER Rider

Dear Sir:

Kansas City Power and Light Company (KCP&L) asks the Commission to substitute the enclosed MPOWER rider (MP) for the one submitted January 20, 2006. MPSC Staff and KCP&L have been in discussion, and agree on the need for a minor change to the original filing, namely, the effective date of March 3, 2006 will now be March 8, 2006.

Thank you for your time and effort devoted to this project. Please contact me if you require any additional information at (816) 556-2274.

Sincerely,

A handwritten signature in cursive script, appearing to read "Laura Becker".

Laura Becker
Regulatory Affairs

Enclosures

1 - Proposed Tariff Sheets 21, 21A, 21B, 21C, 21D, and 21E

Cc C Giles
T Rush
L Liechti
D Nickelson
OPC

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Kansas City Power &)	
Light Company's Tariff Filing to)	Case No.ET-2006-
Implement the MPower Rider)	

STAFF RECOMMENDATION

Comes now the Staff of the Missouri Public Service Commission (Staff) in response to the filing by Kansas City Power & Light Company (KCPL) of tariff sheets comprising an "MPower Rider" on January 20, 2006, and recommends that the Missouri Public Service Commission (Commission) either issue an Order approving these tariff sheets or permit the tariff sheets to go into effect on March 8, 2006 by operation-of law, pursuant to the tariff sheets being filed with at least 30 days notice and now having an effective date of March 8, 2006. The tariff sheets propose an "MPower Rider" to replace KCPL's current Peak Load Curtailment Credit Rider (PLCC).

Wherefore the Staff recommends that the Commission either issue an Order approving these tariff sheets to go in effect on March 8, 2006 or permit the tariff sheets to go into effect on March 8, 2006 by operation-of law.

Respectfully submitted,

/s/Steven Dottheim

Steven Dottheim
Chief Deputy General Counsel
Missouri Bar No. 29149

Attorney for the Staff of the
Missouri Public Service Commission
P. O. Box 360
Jefferson City, MO 65102
(573) 751-7489 (Telephone)
(573) 751-9285 (Fax)
e-mail: steve.dottheim@psc.mo.gov

Certificate of Service

I hereby certify that copies of the foregoing have been mailed, hand-delivered, or transmitted by facsimile or electronic mail to all counsel of record this 2nd day of March 2006.

/s/ Steven Dottheim

MEMORANDUM

TO: Missouri Public Service Commission Official Case File
Case No. ET-2006-____, File No. JE-2006-0562
Kansas City Power & Light Company

FROM: James Watkins, Manager, Economic Analysis, Project Coordinator
Henry Warren, Regulatory Economist II
Mack McDuffey, Rate & Tariff Examiner II

/s/ James Watkins/ 03-02-2006 /s/ Steven Dottheim/ 03-02-2006
Energy Department / Date General Counsel's Office / Date

SUBJECT: Staff Recommendation For **Approval** of Tariff Sheets Filed To Replace Peak Load
Curtailment Credit Rider (PLCC) with MPower Rider

DATE: March 2, 2006

On January 20, 2006, Kansas City Power & Light Company (KCPL or Company) of Kansas City, Missouri, filed with the Missouri Public Service Commission (Commission) six (6) tariff sheets with a proposed effective date of February 20, 2006. On February 9, 2006, KCPL extended the effective date to March 3, 2006, and on February 27, 2006, KCPL submitted substitute tariff sheets to extended the effective date to March 8, 2006, at the request of the Commission's Energy Department Staff (Staff). The tariff sheets propose an "MPower Rider" (MPower) to replace the current Peak Load Curtailment Credit Rider (PLCC). Like PLCC, MPower is a demand response program as defined in Section 1252 (Smart Metering) of the Energy Policy Act of 2005. This filing is made pursuant to the Demand Response, Efficiency and Affordability Programs section of Appendix C of the Stipulation and Agreement which comprises the Experimental Regulatory Plan approved by the Commission in its July 28, 2005 Report And Order in Case No. EO-2005-0329. The Customer Programs Advisory Group (CPAG) has reviewed this Program.

MPower was designed by KCPL to enhance its load curtailment program based on customer feedback. The most significant modification to PLCC is the addition of a Curtailment Occurrence Payment that provides compensation to customers each time they participate in a load curtailment. This payment is in addition to the fixed Program Participation Payment that provides the same compensation to customers whether or not any curtailments are called, or how many curtailments are called. The MPower Program Participation Payment and Curtailment Occurrence Payment were

Staff Recommendation: File No. JE-2006-0562
 Kansas City Power & Light Company
 Page 2 of 3

designed to provide the same annual compensation to customers that they received under PLCC in 2003 when there were eleven (11) Curtailments.

The table below shows the comparison of the present PLCC rider to the proposed MPower rider.

Common Attributes	PLCC	MPower
Minimum curtailable load	200 kW	
Total curtailment hours per year	120 hours	
Curtailment days	Monday-Friday	
Curtailment hours	12:00 p.m. - 10:00 p.m.	
Duration of curtailment (max.)	8 hours	
Non-compliance penalty	\$1.25/kWh above Firm Power Level	
Reasons for curtailment	Operational or Economic	
Modifications	PLCC	MPower
Program Participation Payment	\$20/kW/year	\$16/kW/year
Curtailment Occurrence Payment	None	\$0.36/kW/event
Initial Payment	To purchase specific equipment necessary for participation	None
Contract length	1 year	See Below
Number of curtailments per year	25	See Below
Notification period	4 hours	See Below
Consecutive curtailment days	5 days	3 days
Curtailment opt-out	None	1 day per season
Energy buy-through option	None	Yes

Contract Term	PLCC	MPower	5 year
Curtailment season	May - September	May - September	January - December
Notification period	4 hours	2 hours	1 hour
Curtailments per year	25	25	30

KCPL anticipates customer participation to provide the following levels of peak load reduction:

Year	Peak Load Reduction (kW)
2006	34,576
2007	40,652
2008	55,066
2009	79,319

The Staff has reviewed the filed tariff sheets, and is of the opinion that they were filed in a timely manner and are in compliance with the Commission's Report And Order. The Staff therefore

Staff Recommendation: File No. JE-2006-0562
 Kansas City Power & Light Company
 Page 3 of 3

recommends that the Commission issue an order approving the following proposed tariff sheets, as filed on January 20, 2006, and substituted on February 27, 2006, to become effective on March 8, 2006, as requested by KCPL, or permit the tariff sheets to go into effect by operation-of-law:

P.S.C. MO. No. 7

Fifth	Revised Sheet No. 21,	Cancelling Fourth	Revised Sheet No. 21
Fifth	Revised Sheet No. 21A,	Cancelling Fourth	Revised Sheet No. 21A
Fifth	Revised Sheet No. 21B,	Cancelling Fourth	Revised Sheet No. 21B
Fourth	Revised Sheet No. 21C,	Cancelling Third	Revised Sheet No. 21C
Fourth	Revised Sheet No. 21D,	Cancelling Third	Revised Sheet No. 21D
Fourth	Revised Sheet No. 21E,	Cancelling Third	Revised Sheet No. 21E

The Staff has verified that this Company is not delinquent on any assessment or the filing of its annual report. The Staff is not aware of any other matter pending before the Commission that affects or is effected by this tariff filing.

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the matter of Kansas City Power & Light
Company's Tariff Filing to Implement The
MPower Rider

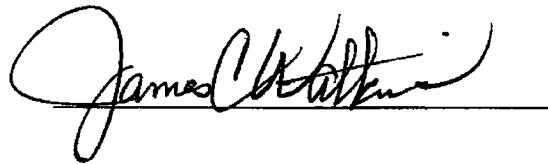
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Case No. ET-2006-
File No. JE-2006-0562

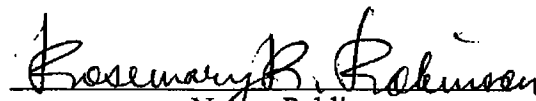
AFFIDAVIT OF JAMES C. WATKINS

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

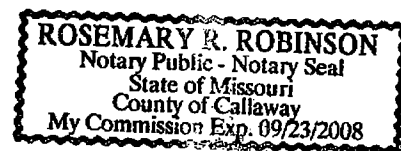
James C. Watkins, of lawful age, on oath states: that he has participated in the preparation of the foregoing Staff Recommendation; that he has knowledge of the matters set forth in such recommendation; and that such matters are true to the best of his knowledge and belief.



Subscribed and sworn to before me this 2nd day of March, 2006.


Notary Public

My commission expires 9-23-2008



BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI

In the Matter of Kansas City Power & Light)	
Company's Tariff Filing to Implement the)	<u>Case No. ET-2006-0338</u>
Mpower Rider)	Tariff No. JE-2006-0562

ORDER APPROVING TARIFF IN COMPLIANCE
WITH COMMISSION ORDER

Issue Date: March 3, 2006

Effective Date: March 8, 2006

On July 28, 2005, in Case No. EO-2005-0329, the Commission issued a Report and Order that approved KCPL's experimental regulatory plan. That order also approved a Stipulation and Agreement, which included demand response, efficiency and affordability programs.

To implement those programs, KCPL filed tariff sheets P.S.C. MO. No. 7, Fifth Revised Sheets Nos. 21, 21A, 21B, 21C, 21D, 21E on January 20, 2006, and substituted on February 27, 2006, effective March 8, 2006. On March 2, the Staff of the Commission filed its Recommendation. Staff stated that the tariff sheets comply with the Commission's Report and Order in Case No. EO-2005-0329, and that Staff does not object to the tariff sheets taking effect on March 8.

The Commission has reviewed the substitute tariff sheets and the Staff Recommendation. The Commission determines that the substitute tariff sheets comply with the applicable statutes. The Commission will approve the substitute tariff sheets.

IT IS ORDERED THAT:

1. The following tariff sheets in Tariff No. JE-2006-0562 issued January 20, 2006, as substituted on February 27, 2006, are hereby approved to become effective on March 8, 2006:

P.S.C. MO. No. 7

Fifth Revised Sheet 21, Canceling Fourth Revised Sheet No. 21
Fifth Revised Sheet 21A, Canceling Fourth Revised Sheet No. 21A
Fifth Revised Sheet 21B, Canceling Fourth Revised Sheet No. 21B
Fifth Revised Sheet 21C, Canceling Fourth Revised Sheet No. 21C
Fifth Revised Sheet 21D, Canceling Fourth Revised Sheet No. 21D
Fifth Revised Sheet 21E, Canceling Fourth Revised Sheet No. 21E

2. This order shall become effective on March 8, 2006.
3. This case may be closed on March 9, 2006.

BY THE COMMISSION



Colleen M. Dale
Secretary

(S E A L)

Ronald D. Pridgin, Regulatory Law Judge,
by delegation of authority pursuant to
Section 386.240, RSMo 2000.

Dated at Jefferson City, Missouri,
on this 3rd day of March, 2006.

MISSOURI PUBLIC SERVICE COMMISSION

March 03, 2006

Case No. ET-2006-0338

General Counsel's Office
P.O. Box 360
200 Madison Street, Suite 800
Jefferson City, MO 65102

Lewis R. Mills, Jr.
P.O. Box 2230
200 Madison Street, Suite 650
Jefferson City, MO 65102

Kansas City Power & Light Co
Legal Department
1201 Walnut
Kansas City, MO 64106

Enclosed find a certified copy of an ORDER in the above-numbered case(s).

Sincerely,

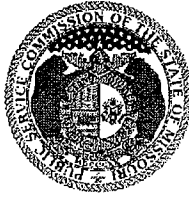
A handwritten signature in black ink, appearing to read 'Colleen M. Dale', with a stylized, cursive script.

**Colleen M. Dale
Secretary**

JE-2007-0723

MPOWER Tariff Revision

Sheet No. 21, 21A, 21B, 21C, 21D



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

STEVE GAW

ROBERT M. CLAYTON III

LINWARD "LIN" APPLING

Missouri Public Service Commission

**POST OFFICE BOX 360
JEFFERSON CITY MISSOURI 65102
573-751-3234
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WESS A. HENDERSON
Executive Director

DANA K. JOYCE
Director, Administration

ROBERT SCHALLENBERG
Director, Utility Services

WARREN WOOD
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

May 04, 2007

Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141

Re: Tariff # JE-2007-0723

Dear Brad Lutz:

This letter is to advise you that the Commission has approved tariff number JE-2007-0723 in case ET-2007-0380 effective May 05, 2007.

A stamped copy of the tariff documents is attached herewith and being made effective May 05, 2007.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale", is written over a rectangular stamp.

Colleen M. Dale
Secretary

CMD/dc

Enclosure

ORIGINAL TO CARLA 5/10/07 11:05AM

April 5, 2007

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Revised MPower Tariff - Sheet Nos. 21, 21A, 21B, 21C, and 21D

Dear Secretary:

Kansas City Power & Light Company (KCP&L) seeks approval from the Missouri Public Service Commission of the enclosed MPower tariff revision.. All suggested changes are intended to increase customer participation in the program and to increase the overall effectiveness of the program as an operational resource to KCP&L.

Since approval, the MPower program has garnered limited customer interest and participation. The program was available to Missouri customers for the 2006 curtailment season with only one customer committed 3,000 kW for the 2006 season, and one more signed a contract at the beginning of 2007 for 5,500 kW.

With nearly a year of MPower customer feedback and market research acquired, it is our opinion that some changes need to be made to the MPower tariff for the program to be accepted by customers and help the program achieve its intended results. Toward this end, KCP&L has conducted several market studies related to the program, examined successful Demand Response programs around the country, and most importantly, held formal meetings with our customers for the specific purpose of designing a program which meets their needs and fulfills KCP&L's capacity objectives.

This research, taken in aggregate, revealed several common issues with the existing program:

- Program payments were too low to cover many C&I customers' variable cost of curtailing.
- Penalties were perceived as being too high to justify the risk of participation.
- Customers were not comfortable committing to 25 to 30 events or 120 hours of potential curtailment per season.
- Customers felt their performance was unfairly measured against their May through September average peak demand, when curtailments typically occur during the months of July and August.

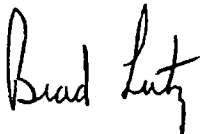
- Many first-time program participants were unwilling to commit to a multi-year contract due to their lack of experience with demand response programs and uncertainty about their ability to perform during a curtailment. Additionally, it is becoming increasingly common for corporate purchasing and finance departments to disallow the signing of multi-year contracts.

The proposed modified tariff is designed to address these points and achieve the desired level of customer participation and peak load reduction. The primary changes are as follows:

- Customers pick the maximum number of annual curtailments for which they will commit.
- Enrollment payments are based on the number of events for which a customer commits.
- Event payments are based on kWh rather than kW.
- Customers can sign up for one, three and five-year contracts. Those who can't commit to a multi-year contract can "earn their way" into the benefits of a multi-year contract through signing consecutive one-year contracts.
- Penalties are assessed in the form of reduced enrollment and event payments.
- Performance is measured against June through September peak demand. (The shoulder month of May is no longer included.)
- Minimum curtailable load is reduced to 25 kW.

We appreciate your consideration of this revised tariff and look forward to providing you with timely responses to any questions or data requests you may have.

Sincerely,



Brad Lutz
Regulatory Affairs

Enclosures

1 – Proposed Tariff Sheet Nos. 21, 21A, 21B, 21C, and 21D

CC: C Giles
T Rush
L Liechti
D Nickleson
OPC

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7Sixth☐ OriginalSheet No. 21☒ Revised

Canceling P.S.C. MO. No.

7Fifth☐ OriginalSheet No. 21☒ RevisedFor Missouri Retail Service Area**MPOWER RIDER
Schedule MP****PURPOSE:**

This voluntary rider (MPOWER Rider or Rider) is designed to reduce customer load during peak periods to help defer future generation capacity additions and provide for improvements in energy supply. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

This Rider is available to any Customer currently receiving or requesting electric service under any generally available non-residential rate schedule. The Customer must have a load curtailment capability of at least 25 kW during the Curtailment Season and within designated Curtailment Hours, and must agree to establish Firm Power Levels as set forth herein. Availability is further subject to the economic and technical feasibility of the installation of required Company equipment. The Company reserves the right to limit the total Curtailable Load determined under this Rider. MPOWER is a replacement for the PLCC Rider (PLCC). References to PLCC found in other tariffs shall be considered references to MPOWER.

TERM OF CONTRACT:

Contracts under this Rider shall be for a one-year, three-year or five-year term. Thereafter, Customers may enter into a new contract for a term of one-year, three, or five years subject to the terms and conditions of this Rider as may be modified from time to time. Written notice by either the Customer or Company to terminate a contract must be given at least thirty (30) days prior to commencement of the Curtailment Season.

CURTAILMENT SEASON:

The Curtailment Season shall be June 1 through September 30. The Curtailment Season will exclude Independence Day and Labor Day, or the days celebrated as such.

CURTAILMENT HOURS:

Curtailment will occur during the hours of 12:00 noon through 10:00 pm, Monday through Friday during the Curtailment Season. The Curtailment Hours associated with a Curtailment Event will be established at the time of the Curtailment Notification.

CURTAILMENT NOTIFICATION:

Customers will receive curtailment notification a minimum of four (4) hours prior to the start time of a Curtailment Event.

DATE OF ISSUE: April 5, 2007
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: May 5, 2007
1201 Walnut, Kansas City, Mo. 64106

ET-2007-0380**Filed**Missouri Public
Service Commission**Schedule TMR-4**

Page 172 of 186

4 CSR 240-3.164 (2) (A-C)

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

Sixth

☐ Original
☒ Revised

Sheet No. 21A

Canceling P.S.C. MO. No.

7

Fifth

☐ Original
☒ Revised

Sheet No. 21A

For Missouri Retail Service Area

MPOWER RIDER Schedule MP

(continued)

CURTAILMENT LIMITS:

The Customer contract shall specify the Maximum Number of Curtailment Events for which the Customer agrees to curtail load during each Curtailment Season. The Maximum Number of Curtailment Events shall be at least one (1) but shall not exceed ten (10) separate occurrences per Curtailment Season. Each Curtailment Event shall be no less than two and no more than eight consecutive hours and no more than one occurrence will be required per day. The Company may call a Curtailment Event no more than three consecutive days per calendar week. The cumulative hours of Curtailment Hours per Customer shall not exceed eighty (80) hours in any Curtailment Season.

ESTIMATED PEAK DEMANDS:

The Estimated Peak Demand is the average of the Customer's Monthly Maximum Demand for Monday through Friday between 12:00 noon and 10:00 pm for June 1 through September 30 from the previous year.

The Company may use such other data or methodology as may be appropriate to establish the Estimated Peak Demand.

ESTIMATED PEAK DEMAND MODIFICATIONS:

The Company may review and, if necessary, adjust the Customer's Estimated Peak Demand based on evidence that the Customer's actual peak demand has changed, or will change, significantly from the Estimated Peak Demand currently being used to calculate the Customer's Curtailable Load. If a change in the Customer's Estimated Peak Demand results in a change in its Curtailable Load, the Customer shall lose and/or repay its curtailment compensation proportional to the number of days curtailment was not available and the change in the Curtailable Load.

FIRM POWER LEVELS:

During the months of June through September, the Customer's Firm Power Level, which is the maximum demand level to be drawn during a Curtailment Event, shall be set at least 25 kW less than the Customer's Estimated Peak Demand.

The Company may use a Test Curtailment to establish the Firm Power Levels for the Customer.

FIRM POWER LEVEL MODIFICATIONS:

After the Curtailment Season, and upon ninety (90) days written notice by the Customer, the Firm Power Level may be modified to reflect significant change in Customer load, subject to verification and approval by the Company. At any time the Company may adjust the Customer's Firm Power Level downward based on evidence that the Customer's actual demand has dropped, or will drop, significantly from the Estimated Peak Demand. Any adjusted Firm Power Level shall continue to provide for a Curtailable Load of at least 25 kW. Future customer compensation will be adjusted accordingly for any change in Firm Power Level.

DATE OF ISSUE: April 5, 2007
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: May 5, 2007
1201 Walnut, Kansas City, Mo. 64106

ET-2007-0380

Filed

Missouri Public
Service Commission
Schedule TMR-4
Page 173 of 186

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7Sixth☐ OriginalSheet No. 21B☒ Revised

Canceling P.S.C. MO. No.

7Fifth☐ OriginalSheet No. 21B☒ RevisedFor Missouri Retail Service Area**MPOWER RIDER
Schedule MP**

(continued)

FIRM POWER LEVEL MODIFICATIONS: (continued)

Additionally, for any change in Firm Power Level that decreases Curtailable Load for the Customer shall result in re-evaluation of all curtailment compensation to the Customer including any payment or credits made in advance of the Curtailment Season. The Customer shall repay the Company prior payments/credits made in excess of the curtailment compensation due based on the decreased level of Curtailable Load.

CURTAILABLE LOAD:

Curtailable Load shall be that portion of a Customer's Estimated Peak Demand that the Customer is willing and able to commit for curtailment, and that the Company agrees to accept for curtailment. The Curtailable Load shall be the same amount for each month of the contract. Under no circumstances shall the Curtailable Load be less than 25 kW. Curtailable Load is calculated as the difference between the Estimated Peak Demand as determined above, and the Firm Power Level.

CUSTOMER COMPENSATION:

Customer compensation shall be defined within each Customer contract and will be based on contract term, Maximum Number of Curtailment Events and the number of actual Curtailment Events per Curtailment Season. Timing of all payments/credits shall be specified in the curtailment contract with each Customer. Payments shall be paid to the Customer in the form of a check or bill credit as specified in the contract. The credits shall be applied before any applicable taxes. All other billing, operational, and related provisions of other applicable rate schedules shall remain in effect.

Compensation will include:

PROGRAM PARTICIPATION PAYMENT: For each Curtailment Season, Customer shall receive a payment/credit based upon the contract term, the number of consecutive years under contract, and the Maximum Number of Curtailment Events. The Program Participation Payment for a Curtailment Season is equal to the per kilowatt of Curtailable Load rate as defined in the table below multiplied by the Maximum Number of Curtailment Events stated in the Customer's contract.

Contract Term	# of Consecutive Years Under Contract	\$/kW of Curtailable Load
One year	1	\$2.50
One year	2	\$2.50
One year	3	\$3.25
One year	4	\$3.25
One year	5 or more	\$4.50
Three years	1 to 3	\$3.25
Three years	4	\$3.25
Three years	5 or more	\$4.50
Five years	Any	\$4.50

The Program Participation Payment will be divided by the number of months in the Curtailment Season and applied as bill credits equally for each month of the Curtailment Season.

DATE OF ISSUE: April 5, 2007
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: May 5, 2007
1201 Walnut, Kansas City, Mo. 64106

ET-2007-0380

Filed

Missouri Public
Service Commission
Schedule TMR-4
Page 174 of 186

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7Fifth☐

Original

Sheet No. 21C☒

Revised

Canceling P.S.C. MO. No.

7Fourth☐

Original

Sheet No. 21C☒

Revised

For Missouri Retail Service Area**MPOWER RIDER
Schedule MP**

(continued)

CUSTOMER COMPENSATION: (continued)

INITIAL PAYMENT: Upon agreement with the Company, a Customer may receive a one-time payment to purchase specific equipment necessary to participate in the MPOWER Rider. The amount of any Initial Payment will be deducted from the net present value (NPV) of the Program Participation Payments expected under the contract as calculated by the Company. The Initial Payment amount, when subtracted from the NPV of the expected Program Participation Payments, may not result in an annual Program Participation Payment of less than \$2.50 per kilowatt of Curtailable Load per Curtailment Event.

CURTAILMENT EVENT PAYMENT: The Customer will also receive \$0.35 per kW of Curtailable Load for each Curtailment Hour during which the Customer's metered demand is less than or equal to the Customer's Firm Power Level.

NEED FOR CURTAILMENT:

Curtailments can be requested for operational or economic reasons. Operational curtailments may occur when physical operating parameters approach becoming a constraint on the generation, transmission, or distribution systems, or to maintain the Company's capacity margin requirement. Economic curtailment may occur when the marginal cost to produce or procure energy, or the opportunity to sell the energy in the wholesale market, is greater than the Customer's retail price.

ENERGY PURCHASE OPTION:

At the Company's option and the Customer's request, during a Curtailment Event called for economic reasons, the Customer may purchase energy above its Firm Power Level from the Company at a price per kilowatt-hour determined at the beginning of a Curtailment Event. A Curtailment Event Payment will not be paid to Customers for Curtailment Events where this option is used. Customer will not have the option to purchase energy during a Curtailment Event called for operational reasons.

PENALTIES:

Failure of the Customer to effect load reduction to its Firm Power Level or lower in response to any Company request for curtailment shall result in the following reduction or refund of Program Participation Payments and Curtailment Occurrence Payments for each such failure as follows:

Reduction of Curtailment Occurrence Payment: Customer will forfeit Curtailment Event Payment for every Curtailment Hour during which it fails to effect load reduction to its Firm Power Level or lower.

Reduction of Program Participation Payment: Customer will receive reduced future Program Participation Payments or a bill debit, in an amount equal to 150% of the Program Participation Payment divided by the Maximum Number of Curtailment Events, the result of which is multiplied by the percentage by which the Customer underperformed during a Curtailment Event.

Any Customer who fails to reduce load to its Firm Power Level on three or more days within any Curtailment Season may be ineligible for this Rider for a period of two years from the date of the third failure.

DATE OF ISSUE:

April 5, 2007

DATE EFFECTIVE: May 5, 2007

ISSUED BY:

Chris Giles
Vice-President1201 Walnut, Kansas City, Mo. 64106**ET-2007-0380****Filed**Missouri Public
Service Commission

Schedule TMR-4

Page 175 of 186

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7Fifth☐ OriginalSheet No. 21D☒ Revised

Canceling P.S.C. MO.

7Fourth☐ OriginalSheet No. 21D☒ RevisedFor Missouri Retail Service Area**MPOWER RIDER
Schedule MP**

(continued)

CURTAILMENT CANCELLATION:

The Company reserves the right to cancel a scheduled Curtailment Event prior to the start time of such Curtailment Event. However, if cancellation occurs with less than two hours of the notification period remaining prior to commencement of a Curtailment Event, the canceled Curtailment Event shall be counted as a separate occurrence with a zero-hour duration.

TEST CURTAILMENT:

The Company reserves the right to request a Test Curtailment once each year and/or within three months after a Customer's failure to effect load reduction to its Firm Power Level or lower upon any Company request for curtailment. Test Curtailments do not count toward the Maximum Number of Curtailment Events. Customers will not be compensated for Test Curtailments.

VOLUNTARY LOAD REDUCTION:

Customers served on this Rider also will be served on the Voluntary Load Reduction Rider (Schedule VLR), subject to the paragraph entitled "Special Provisions for Customers Served on Schedule MP." A separate Contract for service on Schedule VLR is not required for customers served on Schedule MP.

ADDITIONAL VOLUNTARY EVENTS

At any time while the Customer's contract is in effect, the Company may request a Customer to participate, on a voluntary basis, in additional Curtailment Events.. Customers who are asked and who participate in these additional voluntary curtailments will receive Curtailment Event Payments as outlined previously in this Rider, but will not receive additional Program Participation Payments. This provision applies to all Customers whose contracts are still in force, whether or not they have participated in a number of Curtailment Events equal to their chosen Maximum Number of Curtailment Events.

At its sole discretion, the Company will decide to apply the terms of Voluntary Load Reduction or Additional Voluntary Events for a given Curtailment Event.

CURTAILMENT EXCESS OF CUSTOMER LOAD:

Upon Company's request and approval, the Customer may generate energy in excess of its load and deliver the excess energy to the Company. When excess energy is delivered to the Company during Company requested curtailments under this Rider, and with Company approval, such excess energy will be treated as negative energy consumption and will be measured to reduce the Customer's metered energy use for the month.

DATE OF ISSUE: April 5, 2007

ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: May 5, 2007

1201 Walnut, Kansas City, Mo. 64106

ET-2007-0380

FiledMissouri Public
Service Commission

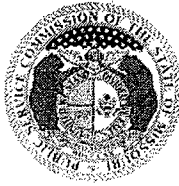
Schedule MP

Page 176 of 186

JE-2008-0652

MPOWER Tariff Revision

Sheet No. 21



Commissioners

JEFF DAVIS
Chairman

CONNIE MURRAY

ROBERT M. CLAYTON III

TERRY JARRETT

KEVIN GUNN

Missouri Public Service Commission

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WESS A. HENDERSON
Executive Director

DANA K. JOYCE
Director, Administration and
Regulatory Policy

ROBERT SCHALLENBERG
Director, Utility Services

NATELLE DIETRICH
Director, Utility Operations

COLLEEN M. DALE
Secretary/Chief Regulatory Law Judge

KEVIN A. THOMPSON
General Counsel

May 30, 2008

Brad Lutz
Kansas City Power & Light Company
1201 Walnut
Kansas City, MO 64141

Re: Tariff # JE-2008-0652

Dear Brad Lutz

This letter is to advise you that the Commission reviewed tariff number JE-2008-0652 and determined that no formal action is required at this time. Unless the Commission takes some other action, this tariff will go into effect by operation of law on the tariff effective day.

Once this letter is issued, you may not alter, withdraw or substitute this tariff without the written permission of the Commission.

A stamped copy of the tariff documents is attached herewith and being made effective May 30, 2008.

Sincerely,

A handwritten signature in black ink, appearing to read "Colleen M. Dale".

Colleen M. Dale
Secretary

CMD/dc

Enclosure

April 30, 2008

Secretary of the Commission
Missouri Public Service Commission
P.O. Box 360
Jefferson City, MO 65102-0360

RE: Requesting Commission Approval of Revised MPower Tariff - Sheet No. 21

Dear Secretary:

Kansas City Power & Light Company (KCPL) seeks approval from the Missouri Public Service Commission of the enclosed MPower tariff revision. The purpose of our requested change is to add terms for aggregating a customer's accounts under the tariff.

The MPower program is designed to reduce customer load during peak periods to help defer future generation capacity additions and provide for improvements in energy supply. This is accomplished by entering into agreements with customers having a load curtailment capability of at least 25 kW. These customers are compensated for their participation through a program participation payment and a curtailment event payment.

The MPower program was redesigned in 2007 based upon research of successful demand response programs around the country and through consultation with past and prospective program participants. The redesign has resulted in significantly higher participation levels for the program.

In continuation of our efforts to address customer needs, we are proposing to add terms for aggregating a customer's multiple accounts under the MPower tariff. Aggregation will allow a customer with multiple account numbers (potentially at various locations) to aggregate all or part of its total curtailable load to participate in the MPower program. Once aggregated, the accounts will be treated as a single account for purposes of calculating the program payments and penalties. Individual accounts must still meet all of the participant requirements of the program, including having a minimum of 25 kW of curtailable load.

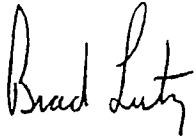
KCPL believes that adding the aggregation option will:

- increase MPower participation, specifically in the smaller commercial and industrial classes,
- improve the operational flexibility and risk exposure for participants, and
- allow customers to take better advantage of centralized energy management systems.

JE-2008-0652

We appreciate your consideration of this revised tariff and look forward to providing you with timely responses to any questions or data requests you may have.

Sincerely,

A handwritten signature in black ink that reads "Brad Lutz". The signature is written in a cursive style with a large, looped "B" and a stylized "L".

Brad Lutz
Regulatory Affairs

Enclosures

- 1 – Proposed Tariff Sheet No. 21
- 1 – Analysis of Aggregation Pilot Study

CC: C Giles
T Rush
L Liehti
D Nickleson
OPC

Kansas City Power & Light Company - MPower Program Analysis of Aggregation Pilot Study March 10, 2008

Purpose:

Allow a business with multiple account numbers (potentially at various locations) owned by a single entity to aggregate all or part of its total curtailable load to participate in the MPower program. In order to participate in the aggregation, each account must still have a minimum of 25 kW of curtailable load. Also at a customer's request and Kansas City Power & Light's (KCPL) discretion, customers with multiple account numbers will be able to combine all or part of the accounts under their ownership.

Benefits to KCPL:

Increase participation in program by providing another option to customers.

- The 2007 aggregation pilot brought 42 new accounts owned by three individual entities into the program.
- Evidence from recent meetings with MPower customers indicates customers are very interested in aggregation.
- Aggregation is a common feature of other successful programs around the country.

Potential Customer Benefits:

Aggregation is set up to provide customers with more options to participate in MPower.

- Flexibility of Operations: Gives the small commercial customer the same kind of operational flexibility and risk exposure that a large industrial may have during a curtailment.
- Many national retailers run their energy management operations out of a single headquarters. Aggregation allows them to continue doing so and to maximize the efficiencies associated with having a sophisticated, centralized energy management system.
- Ease of transaction if one point of contact is managing the customer effort.

2007 Pilot Results:

Pilot Participants: (3) - Wal-Mart, Balls Foods, Kmart - 42 total stores

Pilot Curtailable Load: 3,200 kW

Pilot Parameters: Allow customers to aggregate their total estimated peak demand, curtailable load and firm power level to participate in program, such that one location's over performance can make up for another location's under performance during a curtailment event. Another way of considering this might be to say that if a local grocery chain wants to commit 1,000 kW to the program, KCPL should be indifferent as to which combination of stores the 1,000 kW comes from during any given curtailment.

Customer Performance: 2007 turned out to be an excellent test year as a range of outcomes were exhibited by our pilot participants. During 2007, KCPL called four curtailments, of which Wal-Mart and Kmart participated in all four. Balls Foods participated in just one curtailment as their contract was not effective until August 15th.

MPOWER 2007 Aggregation Pilot Participants					
Customer	# of Participating Accounts		Curtailable Load (kW)		# of 2007 Curtailments Participated
	MO	KS	MO	KS	
Wal-Mart	5	12	600	1400	4
Kmart	2	2	100	100	4
Balls Foods	7	14	344	656	1
Total	14	28	1044	2156	
Both States	42		3200		

Each Kmart store succeeded on its own without aggregation during each of the four curtailments. Kmart's primary benefit was reduced performance risk. They would like to participate in aggregation again.

Balls Foods had a mix of results with a majority of stores hitting their performance levels during the one event in which they participated. The aggregation of accounts had a net positive dollar impact on their event performance versus evaluating each account performance individually. This impact is due to some stores over performance compensating for other stores underperformance. The positive impact resulted in a \$648 benefit to the customer.

Wal-Mart did experience a negative financial impact over the four total events during the aggregation pilot. The majority of Wal-Mart stores did not perform to their curtailable load over the four curtailments. The negative impact resulted in \$464 more in penalties. Wal-Mart's underperformance was determined to be due to an aggressive estimate of their curtailable load and the unexpected weather sensitivity of their load. Both KCPL and Wal-Mart used this experience to better understand the impact of weather sensitivity on curtailment and KCPL has made modifications to its processes to better adjust for this condition. Concerning the aggregation pilot, the process worked as defined and the overestimate of curtailable load and load weather sensitivity would have impacted the customer with or without aggregation.

The entire group of pilot participants plan on taking part in MPOWER during 2008. Setting aside the non-aggregation-related issue of Wal-Mart's curtailable load, aggregation is viewed favorably by all pilot participants, and there are a number of additional customers who have expressed an interest in aggregating their accounts.

Summary

Overall, the aggregation experience has been positive for KCPL and the pilot participants. Customers have more operational flexibility and are able to centralize their participation efforts if they so choose. Aggregation allows KCPL to bring more commercial customers into the program and to fully maximize the potential of the small commercial market.

PSC Mo. No. 7 Revised Sheet No. 21

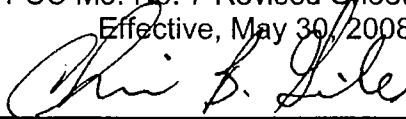
LETTER OF TRANSMITTAL

Kansas City Power & Light Company
April 30, 2008

To the Public Service Commission, State of Missouri, Jefferson City:

Accompanying schedule issued by the Kansas City Power & Light Company is sent you for filing in compliance with the requirements of the Public Service Commission Law.

PSC Mo. No. 7 Revised Sheet No. 21
Effective, May 30, 2008

A handwritten signature in dark ink, appearing to read "Chris B. Giles", is written over a horizontal line.

Chris B. Giles, Vice-President Kansas City Power & Light Company

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KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7

Seventh

☐ Original

Sheet No. 21

☒ Revised

Canceling P.S.C. MO. No.

7

Sixth

☐ Original

Sheet No. 21

☒ Revised

For Missouri Retail Service Area

MPOWER RIDER
Schedule MP

PURPOSE:

This voluntary rider (MPOWER Rider or Rider) is designed to reduce customer load during peak periods to help defer future generation capacity additions and provide for improvements in energy supply. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

AVAILABILITY:

This Rider is available to any Customer currently receiving or requesting electric service under any generally available non-residential rate schedule. The Customer must have a load curtailment capability of at least 25 kW during the Curtailment Season and within designated Curtailment Hours, and must agree to establish Firm Power Levels as set forth herein. Availability is further subject to the economic and technical feasibility of the installation of required Company equipment. The Company reserves the right to limit the total Curtailable Load determined under this Rider. MPOWER is a replacement for the PLCC Rider (PLCC). References to PLCC found in other tariffs shall be considered references to MPOWER.

AGGREGATION OF A CUSTOMER'S MULTIPLE ACCOUNTS:

For the purposes of this Rider only and at the Company's option, a Customer with multiple accounts may request that some or all of its accounts be aggregated with respect to Estimated Peak Demands, Curtailable Loads and Firm Power Levels, so long as each account in the aggregation is able to provide a Curtailable Load of at least 25 kW.

The aggregated account will be treated as a single account for purposes of calculating the Program Participation Payments, Curtailment Occurrence Payments and Penalties.

TERM OF CONTRACT:

Contracts under this Rider shall be for a one-year, three-year or five-year term. Thereafter, Customers may enter into a new contract for a term of one-year, three, or five years subject to the terms and conditions of this Rider as may be modified from time to time. Written notice by either the Customer or Company to terminate a contract must be given at least thirty (30) days prior to commencement of the Curtailment Season.

CURTAILMENT SEASON:

The Curtailment Season shall be June 1 through September 30. The Curtailment Season will exclude Independence Day and Labor Day, or the days celebrated as such.

CURTAILMENT HOURS:

Curtailment will occur during the hours of 12:00 noon through 10:00 pm, Monday through Friday during the Curtailment Season. The Curtailment Hours associated with a Curtailment Event will be established at the time of the Curtailment Notification.

CURTAILMENT NOTIFICATION:

Customers will receive curtailment notification a minimum of four (4) hours prior to the start time of a Curtailment Event.

DATE OF ISSUE: April 30, 2008
ISSUED BY: Chris Giles
Vice-President

DATE EFFECTIVE: May 30, 2008
1201 Walnut, Kansas City, Mo. 64106

FILED
Missouri Public
Service Commission

