



December 29, 2009

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

RE: Request Commission Approval of Tariff Sheet No. 46 through 46A
Solar Photovoltaic Rebate Program

Dear Secretary:

Kansas City Power & Light Company ("KCP&L" or "Company") seeks approval from the Missouri Public Service Commission of the enclosed Solar Photovoltaic Rebate Program tariff. This tariff is filed pursuant to §393.1030, RSMo, the Missouri Renewable Energy Standard.

In compliance with the terms of the section, the Solar Photovoltaic Rebate Program (Program) provides rebates to Missouri electric utility retail customers who install new or expanded Solar Electric Systems that become operational after December 31, 2009. This Program is established in advance of the Renewable Energy Standard Rulemaking and may be subject to change given the outcome of that effort. This tariff will be revised to comply with the final rule.

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

Sincerely,

A handwritten signature in black ink that reads "Brad Lutz". The signature is written in a cursive, flowing style.

Brad Lutz
Regulatory Affairs

Enclosure:
Proposed tariff sheet with updated Table of Contents

cc: C Blanc
T Rush
L Liechti
Office of Public Council

PSC Mo. No. 7 Original Sheet No. 46, and 46A
PSC Mo. No. 7 Revised Sheet No. TOC-1

LETTER OF TRANSMITTAL

Kansas City Power & Light Company
December 29, 2009

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. 46, and 46A
PSC Mo. No. 7 Revised Sheet No. TOC-1
Effective, January 28, 2010.

A handwritten signature in black ink, reading "Brad Lutz". The signature is written in a cursive style with a large, looped "B" and a stylized "L".

Brad Lutz, Lead Analyst – Regulatory Affairs

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7



Original

Sheet No. 46



Revised

Cancelling P.S.C. MO. No.



Original

Sheet No.



Revised

For Missouri Retail Service Area

SOLAR PHOTOVOLTAIC REBATE PROGRAM

Schedule SR

PURPOSE:

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

AVAILABILITY:

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

DEFINITIONS:

Solar Electric System – a permanently installed, new or expanded system, interconnected and operated in parallel phase and synchronization with an electric utility that has been approved for interconnection by said electric utility, which uses solar modules to convert light into electricity. Systems are declared by the Customer to remain in place on the Customer's premises for the duration of its useful life which shall be deemed to be ten (10) years unless determined otherwise by the Commission. The system must consist of equipment that is commercially available and factory new when installed on the Customer's premises and the principal system components (i.e. photovoltaic modules and inverters) shall be covered by a functional warranty from the manufacturer for a minimum period of ten (10) years. Principal system components must be of those certified by the California Energy Commission and appear on their List of Eligible Equipment.

PROGRAM REBATE:

Customers with installed and interconnected Solar Electric Systems may be eligible to receive a rebate of two (\$2) dollars per installed watt up to a maximum of twenty-five (25) kilowatts (kW) per retail account (\$50,000). Customers will be required to complete a rebate application. Applications will be accepted for pre-approval starting January 1, 2010. Customers will be notified in writing, by letter or email, that the rebate application has been accepted or that the rebate application has not been accepted. The Customer must notify the Company when the Solar Electric System is ready for interconnection. The Company will verify the Solar Electric System installation at the time of interconnection. A rebate payment will be issued within thirty (30) days of verification. Rebates will be paid on a first-come, first-served basis, as determined by the Solar Electric Systems operational date. Any rebate applications that are received in a particular calendar year but not approved due to Program funding limitations will be the first applications considered in the following calendar year. Applications accepted by the Company will expire 12 months after receipt if the Customer has not satisfied the terms of this tariff or if the Solar Electric System has not become operational. All Application forms may be obtained from the Company's website www.KCPL.com.

DATE OF ISSUE: December 29, 2009

DATE EFFECTIVE: January 28, 2010

ISSUED BY: Curtis D. Blanc,
Sr. Director

1200 Main, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.

7



Original

Sheet No. 46A



Revised

Cancelling P.S.C. MO. No.



Original

Sheet No.



Revised

For Missouri Retail Service Area

SOLAR PHOTOVOLTAIC REBATE PROGRAM

Schedule SR

(Continued)

PROGRAM REBATE: (Continued)

For the purpose of determining the amount of rebate, the Solar Electric System wattage rating shall be established as the direct current wattage rating provided by the original manufacturer, as adjusted using the California Energy Commission's AC rating (CEC AC) as follows:

$$\text{CEC AC System Rating (kW)} = \text{Quantity of Solar Modules} \times \text{CEC Rating of Solar Modules} \times \text{CEC Inverter Efficiency}$$

SOLAR ELECTRIC SYSTEM INTERCONNECTION AND INSPECTION:

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

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

SOLAR RENEWABLE ENERGY CREDIT (S-REC):

The Customer retains ownership of all S-REC's created by the operation of the solar electric system.

RENEWABLE ENERGY STANDARD RULEMAKING:

This program is established in advance of the Renewable Energy Standard Rulemaking and may be subject to change given the outcome of that effort. This tariff will be revised to comply with the final rule. Rebates and S-REC purchases negotiated under this program and before the final rule is enacted, will be held to the terms and conditions in place at the time of the transaction.

DATE OF ISSUE: December 29, 2009

ISSUED BY: Curtis D. Blanc,
Sr. Director

DATE EFFECTIVE: January 28, 2010

1200 Main, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Eighth ☐ Original ☒ Revised Sheet No. TOC-1

Cancelling P.S.C. MO. No. 7 Seventh ☐ Original ☒ Revised Sheet No. TOC-1

For Missouri Retail Service Area

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DATE OF ISSUE: December 29, 2009
ISSUED BY: Chris Giles, Vice-President

DATE EFFECTIVE: January 28, 2010
1201 Walnut, Kansas City, Mo. 64106

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Eighth ☐ Original Sheet No. TOC-1 Deleted: Seventh
☒ Revised

Cancelling P.S.C. MO. No. 7 Seventh ☐ Original Sheet No. TOC-1 Deleted: Sixth
☒ Revised

For Missouri Retail Service Area

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