

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7

Sixth

Revised Sheet No. 34

Canceling P.S.C. MO. No. 7

Fifth

Revised Sheet No. 34

For Missouri Retail Service Area

**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
**Schedule NM**

**DEFINITIONS**

- A. Avoided fuel cost means avoided costs described in 4 CSR 240-20.060 used to calculate the Company's cogeneration rate filed in compliance with 4 CSR 240-3.155. The information used to calculate this rate is provided to the commission biennially and maintained for public inspection.
- B. Commission means the Public Service Commission of the State of Missouri.
- C. Customer-Generator means the owner or operator of a qualified electric energy generation unit which:
  - (1) Is powered by a renewable energy resource;
  - (2) Is an electrical generating system with a capacity of not more than one hundred kilowatts (100 kW);
  - (3) Is located on premises that are owned, operated, leased, or otherwise controlled by the Customer-Generator;
  - (4) Is interconnected and operates in parallel phase and synchronization with the Company and has been approved for interconnection by said Company;
  - (5) Is intended primarily to offset part or all of the Customer-Generator's own electrical energy requirements;
  - (6) Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities; and
  - (7) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity onto the Company's electrical lines whenever the flow of electricity to the Customer-Generator is interrupted.
  - (8) For purposes of qualified electric energy generation systems powered by solar energy, Customer-Generator also includes a customer with solar generating equipment that is owned or operated by a third party, located on the Customer's premises pursuant to an equipment lease, services agreement or other similar arrangement with such third party, and otherwise meets the requirements set forth in sections (1) – (7) above.
- D. Distribution system means facilities for the distribution of electric energy to the ultimate consumer thereof.
- E. KCP&L or Supplier means Kansas City Power and Light Company.
- F. Net metering means using metering equipment sufficient to measure the difference between the electrical energy supplied to a Customer-Generator by the Company and the electrical energy supplied by the Customer-Generator to the Company over the applicable billing period.
- G. Operational means all of the major components of the on-site system have been purchased and installed on the Customer-Generator's premises and the production of rated net electrical generation has been measured by the Company.
- H. REC means Renewable Energy Credit or Renewable Energy Certificate which is tradable, and represents that one (1) megawatt-hour of electricity has been generated from a renewable energy resource.

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**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
**Schedule NM**

DEFINITIONS (continued)

- I. Renewable energy resources means, when used to produce electrical energy, the following: wind, solar thermal sources, hydroelectric sources, photovoltaic cells and panels, fuel cells using hydrogen produced by one (1) of the above-named electrical energy sources, and other sources of energy that become available after August 28, 2007, and are certified as renewable by the Missouri Department of Natural Resources or Missouri Department of Economic Development's Division of Energy.
- J. Staff means the staff of the Public Service Commission of the state of Missouri.

APPLICABILITY

Applicable to Customer-Generators with a Company approved interconnection agreement. This schedule is not applicable where the Customer's electrical generating system exceeds 100 kW.

REC OWNERSHIP

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator; however, as a condition of receiving solar rebates for systems operational after August 28, 2013, customers transfer to the electric system all right, title and interest in and to the RECs associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten (10) years from the date the Company confirmed the solar electric system was installed and operational.

COMPANY OBLIGATIONS

- A. Net metering shall be available to Customer-Generators on a first-come, first-served basis until the total rated generating capacity of net metering systems equals five percent (5%) of the Company's Missouri jurisdictional single-hour peak load during the previous year. The Commission may increase the total rated generating capacity of net metering systems to an amount above five percent (5%). However, in a given calendar year, the Company shall not be required to approve any application for interconnection if the total rated generating capacity of all applications for interconnection already approved to date by the Company in said calendar year equals or exceeds one percent (1%) of the Company's single-hour peak load for the previous calendar year.
- B. A tariff or contract shall be offered that is identical in electrical energy rates, rate structure, and monthly charges to the contract or tariff that the Customer would be assigned if the Customer were not an eligible Customer-Generator but shall not charge the Customer-Generator any additional standby, capacity, interconnection, or other fee or charge that would not otherwise be charged if the Customer were not an eligible Customer-Generator.

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COMPANY OBLIGATIONS (continued)

- C. The availability of the net metering program shall be disclosed annually to each Customer with the method and manner of disclosure being at the discretion of the Company.
- D. For any cause of action relating to any damages to property or person caused by the generation unit of a Customer-Generator or the interconnection thereof, the Company shall have no liability absent clear and convincing evidence of fault on the part of the Company.
- E. Any costs incurred under this tariff by the Company not recovered directly from the Customer-Generator, as identified in the Qualified Electric Customer-Generator Obligations section, shall be recoverable in the Company's rate structure.
- F. No fee, charge, or other requirement not specifically identified in this tariff shall be imposed unless the fee, charge, or other requirement would apply to similarly situated Customers who are not Customer-Generators.

CUSTOMER-GENERATOR LIABILITY INSURANCE OBLIGATIONS

- A. Customer-Generator systems greater than ten kilowatts (10 kW) shall carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the net metering unit. Insurance may be in the form of an existing policy or an endorsement on an existing policy.
- B. Customer-Generator systems ten kilowatts (10 kW) or less shall not be required to carry liability insurance.

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QUALIFIED ELECTRIC CUSTOMER-GENERATOR OBLIGATIONS

- A. Each qualified electric energy generation unit used by a Customer-Generator shall meet all applicable safety, performance, interconnection, and reliability standards established by any local code authorities, the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers (IEEE), and Underwriters Laboratories (UL) for distributed generation; including, but not limited to, IEEE 1547, UL 1703 and UL 1741.
- B. The Company requires that a Customer-Generator's system contain a switch, circuit breaker, fuse, or other easily accessible device or feature located in immediate proximity to the Customer-Generator's metering equipment that would allow a Company worker the ability to manually and instantly disconnect the unit from the Company's distribution system.
- C. No Customer-Generator shall connect or operate an electric generation unit in parallel phase and synchronization with the Company without written approval by the Company that all of the requirements under Paragraph C of the Interconnection Application/Agreement section of this tariff have been met. For a Customer-Generator who violates this provision, the Company may immediately and without notice disconnect the electric facilities of said Customer-Generator and terminate said Customer-Generator's electric service.
- D. A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced and consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for the Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse the Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by the Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.
- E. Each Customer-Generator shall, at least once every year, conduct a test to confirm that the net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero (0)) within two (2) seconds of being disconnected from the Company's system. Disconnecting the net metering unit from the Company's electric system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test.
- F. The Customer-Generator shall maintain a record of the results of these tests and, upon request, shall provide a copy of the test results to the Company.
  - (1) If the Customer-Generator is unable to provide a copy of the test results upon request, the Company shall notify the Customer-Generator by mail that the Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide the results of a test to the Company.

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QUALIFIED ELECTRIC CUSTOMER-GENERATOR OBLIGATIONS (continued)

- (2) If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the net metering unit.
- (3) If the Customer-Generator does not provide the results of a test to the Company within thirty (30) days of receiving a request from the Company or the results of the test provided to the Company show that the unit is not functioning correctly, the Company may immediately disconnect the net metering unit.
- (4) The net metering unit shall not be reconnected to the Company's electrical system by the Customer-Generator until the net metering unit is repaired and operating in a normal and safe manner.

DETERMINATION OF NET ELECTRICAL ENERGY

Net electrical energy measurement shall be calculated in the following manner:

- A. For a Customer-Generator, the Company shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for Customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- B. If the electricity supplied by the Company exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the Company in accordance with normal practices for Customers in the same rate class;
- C. If the electricity generated by the Customer-Generator exceeds the electricity supplied by the Company during a billing period, the Customer-Generator shall be billed for the appropriate Customer charges for that billing period in accordance with the Company Obligations section of this tariff and shall be credited with the product of the excess kilowatt-hours generated during the billing period and the rate identified in Schedule PG, Sheet 31A in the following billing period. This rate is calculated from the Company's avoided fuel cost; and
- D. Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the Company.

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NET METERING RATES

The Company shall file on or before January 15 of each odd-numbered year for the Commission's approval in the Company's tariff, a rate schedule with a net metering rate that is the same rate as the utility's cogeneration rate. The Company's cogeneration rate is filed for the Commission's approval in the Company's tariff on or before January 15 of every odd-numbered year as required in 4 CSR 240-3.155 Requirements for Company Cogeneration Tariff Filings section (4). The cogeneration rate is stated in dollars per kilowatt-hour or cents per kilowatt-hour on the Parallel Generation rate tariff sheet (Parallel Generation Contract Service, Schedule PG) and, likewise, the net metering rate shall be stated in dollars per kilowatt-hour or cents per kilowatt-hour on the net metering rate tariff sheet.

INTERCONNECTION APPLICATION/AGREEMENT

- A. Each Customer-Generator and Company shall enter into the interconnection application/agreement included herein.
- B. The solar rebate reference in the interconnection application/agreement is applicable to the Company.
- C. Applications by a Customer-Generator for interconnection of a qualified electric energy generation unit to the distribution system shall be accompanied by the plan for the Customer-Generator's electrical generating system including, but not limited to, a wiring diagram and specifications for the generating unit, and shall be reviewed and responded to by the Company within thirty (30) days of receipt for systems ten kilowatts (10 kW) or less and within ninety (90) days of receipt for all other systems. Prior to the interconnection of the qualified generation unit to the Company's system, the Customer-Generator will furnish the Company a certification from a qualified professional electrician or engineer that the installation meets the requirements of paragraph A and B of the Qualified Electric Customer-Generator Obligations section of this tariff. If the application for interconnection is approved by the Company and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.
- D. Upon the change in ownership of a qualified electric energy generation unit, the new Customer-Generator shall be responsible for filing a new application/agreement.

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## APPLICATION STANDARDS

When applying for approval of any renewable net metering installations or solar rebates, the Company will only accept and review applications adhering to the following application standards:

### A. Net Metering Interconnection Agreements and Solar Rebate:

- (1) Applications shall be legible.
- (2) All applicable fields will be completely filled out as required. Incomplete applications will be returned.
- (3) The name and address on the application must match the name and address on the Customer bill. Otherwise, additional documentation should be provided to support the applicants association with the account holder.
- (4) Application signatures must be made by persons who are, or officially represent established Customers of the Company.
- (5) Net Metering systems are to be sized to offset part or all of the Customer-Generator's own electrical energy requirements.
  - (a) For customers with twelve (12) months usage:  
Last 12 month's net usage / 8760 hours in a year / capacity factor = maximum size of PV system that can be installed.
  - (b) For customers with less than twelve (12) months usage:  
Load Worksheet is available on KCPL.com
  - (c) The Solar capacity factor is 0.144 and for Wind is 0.311

### B. Single-line diagrams:

- (1) Diagrams will be project specific. Generic line drawings from specification manuals will not be accepted.
- (2) Diagrams must be legible. Drafting quality is preferred.

### C. Installation plan:

- (1) A legible general site or plan drawing of the installation will be included. Detail architectural or construction drawings are not required.
- (2) A legible map of the location will be included. The general location of the installation and the location of the associated meter should be depicted.

### D. Equipment specifications (Electrical requirements as defined in paragraph A and B of the Qualified Electric Customer-Generator Obligations section of this tariff):

- (1) Photovoltaic (PV) panel, Wind turbine, and Power inverter specification sheets are required proving UL certification, such as UL1703. Non-UL certified equipment will not be accepted
- (2) If another certification agency is referenced in the specification sheet, please provide necessary documentation to associate the certification back to a UL standard. .

### E. Application submittal:

- (1) Applications will be accepted in hardcopy or electronic PDF format.
- (2) Hard-copy applications will only be accepted via mail delivery to the address on the Interconnection Application/Agreement.
- (3) Electronic-copy applications shall be submitted in a single file email, presented in PDF format.
  - (a) Unless the file size exceeds email limitations, multiple files will not be accepted.
- (4) Electronic-copy applications shall be emailed to: [NetMeteringApp@kcpl.com](mailto:NetMeteringApp@kcpl.com).
- (5) All applications will be uniquely numbered and processed in the order received.

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APPLICATION STANDARD (continued)

F. Pre-approval notification:

- (1) Pre-approval of your project will be provided by email after the Company review.
- (2) Pre-approval of projects prior to installation is preferred, but is not required.
  - (a) Projects installed prior to pre-approval may be subject to rework to bring the systems into compliance with this tariff.
  - (b) Rework resulting from early installation will be the responsibility of the Customer-Generator.
- (3) Incorrect or deficient applications will be rejected and the basis for the rejection provided.
- (4) An appeal or resubmittal of the application based on the rejection may be requested. If you choose to exercise an appeal or resubmittal of your application, please note that you will have one opportunity to make corrections in response to the conditions for rejection listed above.
  - (a) Appeal - a rejected application may be appealed once within 5 business days of the rejection of the application. An appeal should be based upon the conditions for rejection as indicated. An appealed application will not be returned to the end of the line during the appeal consideration. An appeal is not considered a re-submission of an application and should contain the following:
    - i. The reason for the customer's appeal.
    - ii. Detailed documentation of the appeal.
  - (b) Resubmittal - a rejected application may be re-submitted within 5 business days of the rejection of the application. One re-review will be allowed in order to address the omissions or deficiencies identified in the rejection. The one-time re-review will not be returned to the end of the line.

G. Project completion notification and request for inspection:

- (1) Notification of project completion will be in the form of email to: NetMeteringApp@kcpl.com
- (2) The notification will reference the following:
  - (a) Name of Applicant (customer)
  - (b) Address of installation
  - (c) Photos of the meter, disconnect, and solar installation
- (3) Installations that deviate from plans provided during pre-approval are subject to additional engineering review. Rework resulting from this deviation will be the responsibility of the Customer-Generator and may delay the operational date of the system.
- (4) The Company may apply a service charge for additional inspections or site visits. The service charge will be \$81 per occurrence.

H. Solar rebate payment:

- (1) Please see Schedule SR, Sheets 46 – 46B for details concerning the solar rebate.

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**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING  
SYSTEMS WITH CAPACITY OF ONE HUNDRED KILOWATTS (100 kW) OR LESS**

**KCP&L  
PO Box 418679  
Kansas City, MO 64141-9679  
Attn: Solar Rebates/Net Metering**

**For Customers Applying for Interconnection**

If you are interested in applying for interconnection to KCP&L's electrical system, you should first contact KCP&L and ask for information related to interconnection of parallel generation equipment to KCP&L's system and you should understand this information before proceeding with this Application.

If you wish to apply for interconnection to KCP&L's electrical system, please complete sections A, B, C, and D, and attach the plans and specifications, including, but not limited to, describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator's System") and submit them to KCP&L at the address above. The Company will provide notice of approval or denial within thirty (30) days of receipt by KCP&L for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by KCP&L for Customer-Generators of greater than ten kilowatts (10 kW). If this Application is denied, you will be provided with the reason(s) for the denial. If this Application is approved and signed by both you and KCP&L, it shall become a binding contract and shall govern your relationship with KCP&L.

**For Customers Who Have Received Approval of  
Customer-Generator System Plans and Specifications**

After receiving approval of your Application, it will be necessary to construct the Customer-Generator System in compliance with the plans and specifications described in the Application, sign and complete sections E and F of this Application, and forward this Application to KCP&L for review and completion of section G at the address above. Prior to the interconnection of the qualified generation unit to KCP&L system, the Customer-Generator will furnish KCP&L a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application. If a local Authority Having Jurisdiction (AHJ) requires permits or certifications for construction or operation of the qualified generation unit, a Customer-Generator must show the permit number and approval certification to KCP&L prior to interconnection. If the application for interconnection is approved by KCP&L and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.

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**For Customers Who Have Received Approval of  
Customer-Generator System Plans and Specifications (continued)**

Within 21 days of when the Customer-Generator completes submission of all required post construction documentation, including sections E and F, other supporting documentation and local AHJ inspection approval (if applicable) to the electric utility, the electric utility will make any inspection of the Customer-Generator's interconnection equipment or system it deems necessary and notify the Customer-Generator:

1. That the net meter has been set and parallel operation by Customer Generator is permitted; or,
2. That the inspection identified no deficiencies and the net meter installation is pending; or,
3. That the inspection identified no deficiencies and the timeframe anticipated for the electric utility to complete all required system or service upgrades and install the meter; or,
4. Of all deficiencies identified during the inspection that need to be corrected by the Customer-Generator before parallel operation will be permitted; or,
5. Of any other issue(s), requirement(s), or condition(s) impacting the installation of the net meter or the parallel operation of the system.

**For Customers Who Are Installing Solar Systems**

Customer-Generators who are Missouri electric utility retail account holders will receive a solar rebate, if available, based on the capacity stated in the application, or the installed capacity of the Customer-Generator System if it is lower, if the following requirements are met:

- a. KCP&L must have confirmed the Customer-Generator's system is operational; and,
- b. Sections H and I of this Application must be completed.

The amount of the rebate will be based on the system capacity measured in direct current. The rebate will be based on the schedule below up to a maximum of 25,000 watts (25kW).

- \$2.00 per watt for systems operational on or before June 30, 2014;
- \$1.50 per watt for systems operational between July 1, 2014 and June 30, 2015;
- \$1.00 per watt for systems operational between July 1, 2015 and June 30, 2016;
- \$0.50 per watt for systems operational between July 1, 2016 and June 30, 2019;
- \$0.25 per watt for systems operational between July 1, 2019 and June 30, 2020;
- \$0.00 per watt for systems operational after June 30, 2020.

**For Customers Who Are Assuming Ownership or Operational  
Control of an Existing Customer-Generator System**

If no changes are being made to the existing Customer-Generator System, complete sections A, D, and F of this Application/Agreement and forward to KCP&L at the address above. KCP&L will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by KCP&L if the new Customer-Generator has satisfactorily completed Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator System if no modifications are being proposed to that System.

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**A. Customer-Generator's Information**

Name on KCP&L Electric Account: \_\_\_\_\_

Service/Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Mailing Address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

E-mail address (if available): \_\_\_\_\_

Electric Account Holder Contact Person: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Emergency Contact Phone: \_\_\_\_\_

KCP&L Account No. (from Utility Bill): \_\_\_\_\_

If account has multiple meters, provide the meter number to which generation will be connected:  
\_\_\_\_\_

KCP&L Account No. (from Utility Bill): [Shall be inserted at the top of each page.]

**B. Customer-Generator's System Information**

Manufacturer Name Plate Power Rating: \_\_\_\_\_ kW AC or DC (circle one)

Voltage: \_\_\_\_\_ Volts

System Type:  Wind  Fuel Cell  Solar Thermal  Photovoltaic  Hydroelectric  Other (describe) \_\_\_\_\_

Inverter/Interconnection Equipment Manufacturer: \_\_\_\_\_

Inverter/Interconnection Equipment Model No.: \_\_\_\_\_

Outdoor Manual/Utility Accessible & Lockable Disconnect Switch Distance from Meter: \_\_\_\_\_

Certify that the disconnect switch will be located adjacent to the Customer-Generator's electric service meter or explain where and why an alternative location of the disconnect switch is being requested:  
\_\_\_\_\_  
\_\_\_\_\_

Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts

Service Character:  Single Phase  Three Phase

Total capacity of existing Customer-Generator System (if applicable): \_\_\_\_\_ kW

**System Plans, Specifications, and Wiring Diagram must be attached for a valid application.**

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**C. Installation Information/Hardware and Installation Compliance**

Company Installing System: \_\_\_\_\_

Contact Person of Company Installing System: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Contractor's License No. (if applicable): \_\_\_\_\_

Approximate Installation Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Person or Agency Who Will Inspect/Certify Installation: \_\_\_\_\_

The Customer-Generator's proposed System hardware complies with all applicable National Electrical Safety Code (NESC), National Electrical Code (NEC), Institute of Electrical and Electronics Engineers (IEEE), and Underwriters Laboratories (UL) requirements for electrical equipment and their installation. As applicable to System type, these requirements include, but are not limited to, UL 1703, UL 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of KCP&L. The proposed System has a lockable, visible AC disconnect device, accessible at all times to KCP&L personnel and switch is located adjacent to the Customer-Generator's electric service meter (except in cases where the Company has approved an alternate location). The System is only required to include one lockable, visible disconnect device, accessible to KCP&L. If the interconnection equipment is equipped with a visible, lockable, and accessible disconnect, no redundant device is needed to meet this requirement. The Customer-Generator's proposed System has functioning controls to prevent voltage flicker, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to KCP&L's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when KCP&L's electric system is not energized or operating normally. If the proposed System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed System includes a parallel blocking scheme for this backup source that prevents any backflow of power to KCP&L's electrical system when the electrical system is not energized or not operating normally.

Printed Name (Installer): \_\_\_\_\_

Signed (Installer): \_\_\_\_\_

Date: \_\_\_\_\_

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**D. Additional Terms and Conditions**

In addition to abiding by KCP&L's other applicable rules and regulations, the Customer-Generator understands and agrees to the following specific terms and conditions:

1. Operation/Disconnection

If it appears to KCP&L, at any time, in the reasonable exercise of its judgment, that operation of the Customer-Generator's System is adversely affecting safety, power quality, or reliability of KCP&L's electrical system, KCP&L may immediately disconnect and lock-out the Customer-Generator's System from KCP&L's electrical system. The Customer-Generator shall permit KCP&L's employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator's System.

2. Liability

Liability insurance is not required for Customer-Generators of ten kilowatts (10 kW) or less. For generators greater than ten kilowatts (10 kW), the Customer-Generator agrees to carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the Customer-Generator's System. Insurance may be in the form of an existing policy or an endorsement on an existing policy. Customer-Generators, including those whose systems are ten kilowatts (10 kW) or less, may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator's negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

3. Metering and Distribution Costs

A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for KCP&L to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse KCP&L for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by KCP&L, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.

4. Ownership of Renewable Energy Credits or Renewable Energy Certificates (RECs)

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator; however, if the Customer-Generator receives a solar rebate, the Customer-Generator transfers to KCP&L all rights, title, and interest in and to the RECs associated with the new or expanded solar electric system that qualified the Customer-Generator for the solar rebate for a period of ten (10) years from the date the electric utility confirms the solar electric system was installed and operational.

**KANSAS CITY POWER AND LIGHT COMPANY**

**P.S.C. MO. No.** 7

First

Revised Sheet No. 34M

Canceling P.S.C. MO. No. 7

Original Sheet No. 34M

For Missouri Retail Service Area

**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
**Schedule NM**

**D. Additional Terms and Conditions (continued)**

**5. Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with the Utility's Applicable Rate Schedules. The value of the net electric energy delivered by the Customer-Generator to KCP&L shall be credited in accordance with the net metering rate schedule(s). The Customer-Generator shall be responsible for all other bill components charged to similarly situated customers.

Net electrical energy measurement shall be calculated in the following manner:

- (a) For a Customer-Generator, a retail electric supplier shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- (b) If the electricity supplied by the supplier exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the supplier in accordance with normal practices for customers in the same rate class;
- (c) If the electricity generated by the Customer-Generator exceeds the electricity supplied by the supplier during a billing period, the Customer-Generator shall be billed for the appropriate customer charges as specified by the applicable Customer-Generator rate schedule for that billing period and shall be credited an amount for the excess kilowatt-hours generated during the billing period at the net metering rate identified in KCP&L's tariff filed at the Public Service Commission, with this credit applied to the following billing period; and
- (d) Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the supplier.

**6. Terms and Termination Rights**

This Agreement becomes effective when signed by both the Customer-Generator and KCP&L, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator may terminate this Agreement at any time by giving KCP&L at least thirty (30) days prior written notice. In such event, the Customer-Generator shall, no later than the date of termination of Agreement, completely disconnect the Customer-Generator's System from parallel operation with KCP&L's system. Either party may terminate this Agreement by giving the other party at least thirty (30) days prior written notice that the other party is in default of any of the terms and conditions of this Agreement, so long as the notice specifies the basis for termination, and there is an opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and KCP&L. This agreement may also be terminated, by approval of the commission, if there is a change in statute that is determined to be applicable to this contract and necessitates its termination.

**KANSAS CITY POWER AND LIGHT COMPANY**

P.S.C. MO. No. 7

Second

Revised Sheet No. 34N

Canceling P.S.C. MO. No. 7

First

Revised Sheet No. 34N

For Missouri Retail Service Area

<b>NET METERING INTERCONNECTION APPLICATION AGREEMENT</b> Schedule NM
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**D. Additional Terms and Conditions (continued)**

7. Transfer of Ownership

If operational control of the Customer-Generator's System transfers to any other party than the Customer-Generator, a new Application/Agreement must be completed by the person or persons taking over operational control of the existing Customer-Generator System. KCP&L shall be notified no less than thirty (30) days before the Customer-Generator anticipates transfer of operational control of the Customer-Generator's System. The person or persons taking over operational control of Customer-Generator's System must file a new Application/Agreement, and must receive authorization from KCP&L, before the existing Customer-Generator System can remain interconnected with KCP&L's electrical system. The new Application/Agreement will only need to be completed to the extent necessary to affirm that the new person or persons having operational control of the existing Customer-Generator System completely understand the provisions of this Application/Agreement and agree to them. If no changes are being made to the Customer-Generator's System, completing sections A, D, and F of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, KCP&L will assess no charges or fees for this transfer. KCP&L will review the new Application/Agreement and shall approve such, within fifteen (15) days if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. KCP&L will then complete section G and forward a copy of the completed Application/Agreement back to the new Customer-Generator, thereby notifying the new Customer-Generator that the new Customer-Generator is authorized to operate the existing Customer-Generator System in parallel with KCP&L's electrical system. If any changes are planned to be made to the existing Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics, then the Customer-Generator shall submit to KCP&L a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

8. Dispute Resolution

If any disagreements between the Customer-Generator and KCP&L arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the Missouri Public Service Commission by either party, through an informal or formal complaint. Procedures for filing and processing these complaints are described in 4 CSR 240-2.070. The complaint procedures described in 4 CSR 240-2.070 apply only to retail electric power suppliers to the extent that they are regulated by the Missouri Public Service Commission.

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**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
Schedule NM

**D. Additional Terms and Conditions (continued)**

**(9) Testing Requirement**

IEEE 1547 requires periodic testing of all interconnection related protective functions. The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator's net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from KCP&L's electrical system. Disconnecting the net metering unit from KCP&L's electrical system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test. The Customer-Generator shall maintain a record of the results of these tests and, upon request by KCP&L, shall provide a copy of the test results to KCP&L. If the Customer-Generator is unable to provide a copy of the test results upon request, KCP&L shall notify the Customer-Generator by mail that Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide to KCP&L, the results of a test. If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from KCP&L's system. If the Customer-Generator does not provide results of a test to KCP&L within thirty (30) days of receiving a request from KCP&L or the results of the test provided to KCP&L show that the Customer-Generator's net metering unit is not functioning correctly, KCP&L may immediately disconnect the Customer-Generator's System from the KCP&L's system. The Customer-Generator's System shall not be reconnected to KCP&L's electrical system by the Customer-Generator until the Customer-Generator's System is repaired and operating in a normal and safe manner.

I have read, understand, and accept the provisions of section D, subsections 1 through 9 of this Application/Agreement.

Printed name (Customer-Generator): \_\_\_\_\_

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

Must be signature of the KCP&L account holder (customer)

**E. Electrical Inspection**

If a local Authority Having Jurisdiction (AHJ) governs permitting/inspection of project:

Authority Having Jurisdiction (AHJ): \_\_\_\_\_

Permit Number: \_\_\_\_\_

Applicable to all installations:

The Customer-Generator System referenced above satisfies all requirements noted in section C.

Inspector Name (print): \_\_\_\_\_

Inspector Certification: Licensed Engineer in Missouri \_\_\_\_\_ Licensed Electrician in Missouri \_\_\_\_\_

License No. \_\_\_\_\_

Signed (Inspector): \_\_\_\_\_ Date: \_\_\_\_\_

**KANSAS CITY POWER AND LIGHT COMPANY**

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Second

Revised Sheet No. 34P

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Revised Sheet No. 34P

For Missouri Retail Service Area

**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
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**F. Customer-Generator Acknowledgement**

I am aware of the Customer-Generator System installed on my premises and I have been given warranty information and/or an operational manual for that system. Also, I have been provided with a copy of KCP&L's parallel generation tariff or rate schedule (as applicable) and interconnection requirements. I am familiar with the operation of the Customer-Generator System.

I agree to abide by the terms of this Application/Agreement and I agree to operate and maintain the Customer-Generator System in accordance with the manufacturer's recommended practices as well as KCP&L's interconnection standards. If, at any time and for any reason, I believe that the Customer-Generator System is operating in an unusual manner that may result in any disturbances on KCP&L's electrical system, I shall disconnect the Customer-Generator System and not reconnect it to KCP&L's electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify KCP&L no less than thirty (30) days prior to modification of the components or design of the Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics. I acknowledge that any such modifications will require submission of a new Application/Agreement to KCP&L.

I agree not to operate the Customer-Generator System in parallel with KCP&L's electrical system until this Application/Agreement has been approved by KCP&L.

System Installation Date: \_\_\_\_\_

Printed name (Customer-Generator): \_\_\_\_\_

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

**G. Utility Application/Agreement Approval (completed by KCP&L)**

KCP&L does not, by approval of this Application/Agreement, assume any responsibility or liability for damage to property or physical injury to persons due to malfunction of the Customer-Generator's System or the Customer-Generator's negligence.

This Application is approved by KCP&L on this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year).

KCP&L Representative Name (print): \_\_\_\_\_

Signed KCP&L Representative: \_\_\_\_\_

**H. Solar System Data (For Solar Installations only)**

Solar Module Manufacturer: \_\_\_\_\_ Inverter Rating: \_\_\_\_\_ kW

Solar Module Model No.: \_\_\_\_\_ Number of Modules/Panel: \_\_\_\_\_

Module rating: \_\_\_\_\_ DC Watts System rating (sum of solar panels): \_\_\_\_\_ kW

Module Warranty: \_\_\_\_\_ years (circle on spec sheet)

Inverter Warranty: \_\_\_\_\_ years (circle on spec sheet)

Location of modules: \_\_\_ Roof \_\_\_ Ground Installation type: \_\_\_ Fixed \_\_\_ Ballast

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For Missouri Retail Service Area

**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
Schedule NM

**H. Solar System Data (For Solar Installations only) (continued)**

**Solar system must be permanently installed on the applicant’s premises for a valid application**  
**Required documents to receive solar rebate to be attached OR provided before KCP&L authorizes the rebate payment:**

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system
- Completed Taxpayer Information Form
- Customer Affidavit

**I. Solar Rebate Declaration (For Solar Installations only)**

I understand that the complete terms and conditions of the solar rebate program are included in KCP&L's Schedule SR – Solar Photovoltaic Rebate Program.

I understand that this program has a limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified I have been placed on a waiting list for the next year’s rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from KCP&L.

I understand that the solar system must be permanently installed and remain in place on premises for a minimum of 10 years and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the solar system.

I understand the equipment must be new when installed, commercially available, and carry a minimum 10 year warranty.

I understand a rebate may be available from KCP&L in the amount of:

- \$2.00 per watt for systems operational on or before June 30, 2014;
- \$1.50 per watt for systems operational between July 1, 2014 and June 30, 2015;
- \$1.00 per watt for systems operational between July 1, 2015 and June 30, 2016;
- \$0.50 per watt for systems operational between July 1, 2016 and June 30, 2019;
- \$0.25 per watt for systems operational between July 1, 2019 and June 30, 2020;
- \$0.00 per watt for systems operational after June 30, 2020.

.I understand an electric utility may, through its tariff, require applications for solar rebates to be submitted up to one hundred eighty-two (182) days prior to the applicable June 30 operational date for the solar rebate.

I understand that a maximum of 25 kilowatts of new or expanded system capacity will be eligible for a rebate.

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**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
Schedule NM

**I. Solar Rebate Declaration (For Solar Installations only) (continued)**

I understand the DC wattage rating provided by the original manufacturer and as noted in section H will be used to determine rebate amount.

I understand I may receive an IRS Form related to my rebate amount. (Please consult your tax advisor with any questions.)

I understand that as a condition of receiving a solar rebate, I am transferring to KCP&L, all rights, title, and interest in and to the solar renewable energy credits (SRECs) associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten years (10) from the date KCP&L confirmed that the solar electric system was installed and operational understand that, for systems of ten kilowatts (10 kW) or greater, a notarized affidavit must be provided to KCP&L, in addition to this declaration, before KCP&L will make a rebate payment.

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

Installer's Signature \_\_\_\_\_

Print Installer's Name \_\_\_\_\_

Customer-Generator's Signature \_\_\_\_\_

Print Solar Rebate Customer-Generator's Name \_\_\_\_\_

If System not owned by Customer-Generator, Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

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Revised Sheet No. 34S

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For Missouri Retail Service Area

**NET METERING INTERCONNECTION APPLICATION AGREEMENT**  
Schedule NM (continued)

**J. Solar Rebate Affidavit (Required For Solar Installations only)**

I \_\_\_\_\_, certify that I am the Customer-Generator and the Solar system installed matches the design submitted.

Customer has the legal right and authority to transfer the Solar Energy Renewable Credits ("SRECs") to the Company, the SRECs were derived from a Missouri eligible technology, the SRECs being transferred to the Company have not been sold or promised for sale to any other party, nor have they been used to meet the requirements of any other local or state mandate; and 3) the SRECs will not be offered for sale or sold to any other party for ten years from the system operational date.

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

IN WITNESS WHEREOF, I HAVE EXECUTED THIS DOCUMENT ON BEHALF  
OF \_\_\_\_\_ ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company Name

Subscribed and sworn to before me, a notary public, by the above named affiant this \_\_\_\_\_  
Day of \_\_\_\_\_.

\_\_\_\_\_  
Notary Public