

**INTERCONNECTION APPLICATION/AGREEMENT FOR RENEWABLE SOURCE
NET METERING SYSTEMS WITH CAPACITY OF 100 kW OR LESS
KANSAS**

1. For Customers Applying for Interconnection: If you are interested in applying for interconnection to Kansas City Power & Light Company's (KCPL) electrical system, you should first contact KCPL and ask for information related to interconnection of parallel generation equipment to KCPL's system and you should understand this information before proceeding with this Application. If you wish to apply for interconnection to KCPL's electrical system, please complete sections A, B, C, and D, and attach the plans and specifications describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator's System") and submit them to KCPL at:

**Kansas City Power & Light Company
Energy Solutions, P.O. Box 418679, Kansas City, MO 64141-9679**

You will be provided with an approval or denial of this Application within ninety (90) days of receipt by KCPL. 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 KCPL, it shall become a binding contract and shall govern your relationship with KCPL. The owner and operator of the Customer-Generator System shall be referred to hereinafter as the "Customer-Generator".

2. 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's System in compliance with the plans and specifications described in the Application, complete sections E and F of this Application, and forward this Application to KCPL for review and completion of section G at:

**Kansas City Power & Light Company
Energy Solutions, P.O. Box 418679, Kansas City, MO 64141-9679**

KCPL will complete the utility portion of section G and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, permit interconnection of the Customer-Generator's System to KCPL's electrical system within fifteen (15) days of receipt by KCPL if electric service already exists to the premises, unless the Customer-Generator and KCPL agree to a later date. Similarly, upon receipt of a completed Application/Agreement form and payment of any applicable fees, if electric service does not exist to the premises, KCPL will permit interconnection of the Customer-Generator's System to KCPL's electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and KCPL agree to a later date.

3. For Customers Who Are Assuming Ownership or Operational Control of an Existing Customer-Generator's System: If no changes are being made to the existing Customer-Generator's System, complete sections A and D of this Application/Agreement and forward to KCPL at:

**Kansas City Power & Light Company
Energy Solutions, P.O. Box 418679, Kansas City, MO 64141-9679**

KCPL will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by KCPL if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator's System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator's System if no modifications are being proposed to that System.

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A. Customer-Generator Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Service/Street Address (if different from above):

City: _____ State: _____ Zip Code: _____

Daytime Phone: _____ Fax: _____ E-Mail: _____

Emergency Contact Phone: _____

KCPL Account No: (from Utility Bill): _____

B. Customer-Generator's System Information

Manufacturer Name Plate (if applicable) AC Power Rating: _____ kW Voltage: _____ (Volts)

System Type: Solar ____ Wind ____ Biomass ____ Fuel Cell ____

Inverter/Interconnection Equipment Manufacturer: _____

Inverter/Interconnection Equipment Model No: _____

Are Required System Plans & Specifications Attached? Yes ____ No ____

Inverter/Interconnection Equipment Location (describe): _____

Outdoor Manual/Utility Accessible & Lockable Disconnect Switch Location (describe):

Existing Electrical Service Capacity: _____ Amperes: _____ Voltage: _____ (Volts)

Service Character: Single Phase ____ Three Phase ____

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C. Installation Information/Hardware and Installation Compliance

Person or Company Installing: _____

Contractor's License No. (If applicable): _____

Approximate Installation Date: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: _____ Fax: _____ E-Mail: _____

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 Electric 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 1741 and IEEE 929-2000. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of KCPL. The proposed System has a lockable, visible disconnect device, accessible at all times to KCPL personnel. The system is only required to include one lockable, visible disconnect device, accessible to KCPL. 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, over voltage, under voltage, over frequency, under frequency, and over current, and to provide for System synchronization to KCPL's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when KCPL'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 KCPL's electrical system when the electrical system is not energized or not operating normally.

Signed (Customer-Generator): _____ Date: _____

Name (Print): _____

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D. Additional Terms and Conditions In addition to abiding by KCPL'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 KCPL, 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 KCPL's electrical system, KCPL may immediately disconnect and lock-out the Customer-Generator's System from KCPL's electrical system. The Customer-Generator shall permit KCPL's employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator's System.

2) Liability

The Customer-Generator agrees to carry no less than \$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.

3) Customer-Generator Costs

The Customer-Generator shall, at the Customer-Generator's cost and expense, install, operate, maintain, repair, and inspect, and shall be fully responsible for the Customer-Generator's System. The Customer-Generator further agrees to pay or reimburse to KCPL for additional tests or analyses of the effects of the Operation of the Customer-Generator's System on KCPL's local distribution system

4) Terms and Termination Rights

This Agreement becomes effective when signed by both the Customer-Generator and KCPL, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator or KCPL may terminate this Agreement at any time by giving the other party 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 KCPL'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 a reasonable opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and KCPL. 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.

5) 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. KCPL 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 KCPL, before the existing Customer-Generator System can remain interconnected with KCPL'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 (Continued).

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Application/Agreement and agrees 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, KCPL will assess no charges or fees for this transfer. KCPL 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's System. KCPL 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's System is authorized to operate the existing Customer-Generator's System in parallel with KCPL's electrical system. If any changes are planned to be made to the existing Customer-Generator's System that in any way may degrade or significantly alter that System's output characteristics, then the Customer-Generator shall submit to KCPL a new Application/Agreement for the entire Customer-Generator's System and all portions of the Application/Agreement must be completed.

6) Dispute Resolution

If any disagreements between the Customer-Generator and KCPL arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the respective State Commission by either party, through an informal or formal complaint.

7) Testing Requirement

The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator's System net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from KCPL's electrical system. Disconnecting the net metering unit from KCPL'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 KCPL, shall provide a copy of the test results to KCPL. If the Customer-Generator is unable to provide a copy of the test results upon request, KCPL 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 KCPL, the results of a test. If the Customer-Generator's System equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from KCPL's system. If the Customer-Generator does not provide results of a test to KCPL within thirty (30) days of receiving a request from KCPL or the results of the test provided to KCPL show that the Customer-Generator's System net metering unit is not functioning correctly, KCPL may immediately disconnect the Customer-Generator's System from KCPL's system. The Customer-Generator's System shall not be reconnected to KCPL'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 7 of this Application/Agreement.

Signed (Customer-Generator): _____ **Date:** _____

Name (Print): _____

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E. Electrical Inspection: The Customer-Generator's System referenced above satisfies all requirements noted in Section C.

Inspector Name (print): _____ Inspector Certification:

In the State of Kansas I am a licensed: Engineer _____ Electrician _____ or Contractor _____

License No. _____

Signed (Inspector): _____ Date: _____

Printed Name: _____

F. Customer-Generator Acknowledgement: I am aware of the Customer-Generator's 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 KCPL's parallel generation tariff or rate schedule (as applicable) and interconnection requirements. I am familiar with the operation of the Customer-Generator's System.

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

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

Signed (Customer-Generator): _____ Date: _____

Printed Name: _____

G. Utility Approval (completed by KCPL): KCPL 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/Agreement is approved by KCPL on this ____ day of _____ (month), _____ (year)

Signed KCPL Representative): _____

Printed Name: _____

Approved as to Legal Form
PJV 10/1/07
KCPL Law Dept.