

SIKESTON BOARD OF MUNICIPAL UTILITIES (BMU)
INTERCONNECTION APPLICATION
NET METERING SYSTEMS (100 KW OR LESS)

Instructions

1. Customers applying for a new interconnection or modifying an existing generator system shall complete the application form and attach plans and specifications describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator System") and submit them at the offices of BMU or send to BMU at:

Board of Municipal Utilities
107 E. Malone
P.O. Box 370
Sikeston, MO 63801
Attn: Net Metering

2. For Systems greater than 10 kW, BMU will provide written approval or denial of this Application within ninety (90) days of receipt by BMU. For Systems of 10kW or less, BMU will provide written approval or denial of this Application within thirty (30) days. If denied, the customer will be provided with the reasons for the denial. If approved, this Application shall become a binding contract and shall govern the customer's relationship with BMU. **Do not begin construction of the Customer-Generator System until written approval of your application has been received.**

3. After receiving approval of this Application, the Customer must obtain the proper construction permits from the City of Sikeston (City Hall, 105 E Center St, Sikeston, MO 63801). Construction of the Customer-Generator System must be in compliance with the City's permits and the plans and specifications described in the Application. During and after the construction, the City's Code Enforcement inspector will inspect the construction for compliance with the City permits. After the construction has been completed, the customer must hire an electrical inspector, approved by the BMU, to inspect the Customer-Generator System. The BMU will provide a list of local approved inspectors. The electrical inspector and the City Code Enforcement inspector must then complete and sign the "Post-Installation Electrical Inspection" section of the application. The Customer must then sign the "Post-Installation Customer-Generator Acknowledgement" section and return the completed Application to BMU. BMU will provide written notice of acceptance or denial of completed "Post-Installation Electrical Inspection" and "Post-Installation Customer-Generator Acknowledgement" sections. If the "Post Installation Electrical Inspection" and/or "Post-Installation Customer-Generator Acknowledgement" sections are disapproved, BMU will provide written notification of the reasons for the disapproval.

4. Customers assuming ownership or operational control of an existing Customer-Generator System shall complete the Application form and forward to BMU at the address listed above. If changes are necessary, please follow step 1 above. BMU will approve or deny the Application within thirty (30) days of receipt. BMU will provide written approval or denial of this Application within thirty (30) days. If denied, the customer will be provided with the reasons for the denial. If approved, this Application shall become a binding contract and shall govern the customer's relationship with BMU. **Do not begin any changes to the Customer-Generator System until written approval of your application has been received from BMU.**

5. A completed interconnection agreement shall consist of fully executed copies of the following:
(1) An approved application, (2) City of Sikeston building department permit, (3) Generator Installation Information, (4) Post-Installation Inspection and Acknowledgement, (5) BMU Notice of acceptance of Post-Installation documentation, and (6) Additional Terms & Conditions.

**SIKESTON BOARD OF MUNICIPAL UTILITIES (BMU)
INTERCONNECTION APPLICATION
NET METERING SYSTEMS (100 KW OR LESS)
APPLICATION**

APPLICATION NUMBER: _____

CUSTOMER INFORMATION

NAME: _____
SERVICE ADDRESS: _____
CITY: _____ STATE: _____ ZIP CODE: _____
MAILING ADDRESS (IF DIFFERENT FROM ABOVE): _____
CITY: _____ STATE: _____ ZIP CODE: _____
DAYTIME PHONE: _____ FAX: _____ EMAIL: _____
EMERGENCY CONTACT PHONE: _____
BMU ACCOUNT NO. (FROM UTILITY BILL): _____
I HAVE READ, UNDERSTAND, AND ACCEPT THE PROVISIONS OF THIS APPLICATION.
SIGNED (CUSTOMER): _____ DATE: _____
NAME (PRINT): _____

GENERATOR SYSTEM INFORMATION

MANUFACTURER NAME PLATE (IF APPLICABLE) AC POWER RATING: _____ KW VOLTAGE: _____ VOLTS
SYSTEM TYPE: SOLAR _____ WIND _____ BIOMASS/FUEL CELL _____ OTHER (describe) _____
SERVICE/STREET ADDRESS: _____
INVERTER/INTERCONNECTION EQUIPMENT MANUFACTURER: _____
INVERTER/INTERCONNECTION EQUIPMENT NO.: _____
ARE REQUIRED SYSTEM PARTS & SPECIFICATIONS ATTACHED? YES _____ NO _____
INVERTER/INTERCONNECTION EQUIPMENT LOCATION (describe): _____
DISCONNECT SWITCH LOCATION (describe): _____
(Site drawings are preferred for describing equipment locations)
EXISTING ELECTRICAL SERVICE CAPACITY: _____ AMPERES _____ VOLTS
SERVICE CHARACTER: SINGLE PHASE _____ THREE PHASE _____

____ APPROVED ____ DENIED

SIGNED: _____ DATE: _____

NAME: _____ TITLE: _____

GENERATOR INSTALLATION INFORMATION

PERSON OR COMPANY INSTALLING: _____
CONTRACTOR'S LICENSE NO. (IF APPLICABLE): _____
APPROXIMATE INSTALLATION DATE: _____
MAILING ADDRESS (IF DIFFERENT FROM ABOVE): _____
CITY: _____ STATE: _____ ZIP CODE: _____
DAYTIME PHONE: _____ FAX: _____ EMAIL: _____
PERSON OR AGENCY WHO WILL INSPECT/CERTIFY INSTALLATION: _____

The proposed Customer-Generator's System complies with all applicable National Electric 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 City of Sikeston electrical codes, City of Sikeston permit requirements, and all reasonable safety requirements of BMU. The Customer-Generator's System is only required to include one lockable, visible disconnect device, accessible to BMU. If the interconnection equipment is equipped with a visible, lockable, and accessible disconnect, no redundant device is needed to meet this requirement. The proposed Customer-Generator's System has functioning controls to prevent voltage flicker, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for system synchronization to SBMU's electrical system. The proposed Customer-Generator's System must comply with BMU's Power Quality Standards, Service Standards, and Rules and Regulations. The proposed Customer-Generator's System has an anti-islanding function that prevents the generator from continuing to supply power when BMU's electrical system is not energized or operating normally. If the proposed Customer-Generator's System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed Customer-Generator's System includes a parallel blocking scheme for this backup source that prevents any backflow of power to BMU's electrical system when the electrical system is not energized or not operating normally.

SIGNED (INSTALLER): _____ DATE: _____

NAME (PRINT): _____

POST-INSTALLATION ELECTRICAL INSPECTION

I hereby certify that the Customer-Generator's System referenced above satisfies all requirements noted in the "Generator Installation Information" section of this application.

INSPECTOR'S NAME (PRINT): _____

Inspector's Certification: I am (check one): ___ a professional electrical engineer registered in Missouri;
or ___ I am a qualified electrician licensed in Sikeston, Missouri.

LICENSE NO.: _____

SIGNED (INSPECTOR): _____

DATE: _____

I hereby certify that the Customer-Generator's System referenced above satisfies all City of Sikeston requirements noted in the "Generator Installation Information" section of this application.

CODE ENFORCEMENT NAME (PRINT): _____

SIGNED (SIKESTON CODE ENFORCEMENT): _____

DATE: _____

POST-INSTALLATION 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 and operational manual for that system. Also, I have been provided with a copy of BMU's interconnection requirements. I am familiar with the operation of the Customer-Generator's System. I agree to abide by the terms of this Application and I agree to operate and maintain the Customer-Generator's System in accordance with the manufacturer's recommended practices as well as BMU's Interconnection Standards. If, at any time and for any reason, I believe that the Customer-Generator's System is operating in and unusual or defective manner that may result in any disturbances on BMU's electrical system, I shall disconnect the Customer-Generator's System and not reconnect it to BMU's electrical system until the Customer-Generator's System is operating normally after repair or inspection. Further, I agree to notify BMU 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 to and approval by BMU. I understand and agree that BMU has the right to disconnect and lock-out the Customer Generator's System from BMU's electrical system for any reason, at any time. I agree not to operate the Customer-Generator's System in parallel with BMU's electrical system until the "Post-Installment Electrical Inspection" and "Post-Installation Customer-Generator Acknowledgement" sections of this Application have been approved by SBMU.

SIGNED (CUSTOMER-GENERATOR): _____ **DATE:** _____

NAME (PRINTED): _____

Additional Terms and Conditions

This Agreement and Customer-Generator electrical service shall be governed by BMU's rules, regulations, and policies and the following specific terms and conditions:

1) Operation / Disconnection

Existing Electrical Service Capacity: Amperes:_____ Voltage:_____

At its sole discretion, BMU may disconnect and lock-out the Customer-Generator's System from BMU's electrical system at any time in order to maintain safety or power quality or to protect BMU's electrical system. The Customer-Generator's System shall permit BMU's employees and inspectors access at all times to inspect, test, and examine the Customer-Generator's System.

2) Insurance and 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 System. Insurance may be in the form of an existing policy or an endorsement on an existing policy. Approval of this Application or the plans for or construction of the Customer-Generator System shall not relieve the Customer-Generator of his or her responsibility for the proper installation, operation, maintenance, repair, or inspection of the Customer-Generator System. BMU does not, by any such approval or by any inspection, assume any responsibility or liability due to the Customer-Generator System or the Customer-Generator's acts or omissions. No insurance shall be required for Customer-Generators with Systems of 10 kW or less.

3) Interconnection Costs and Maintenance and Operation

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 BMU all of BMU's Interconnection Costs. Interconnection Costs are the reasonable costs incurred by BMU for: (1) additional metering, and (2) any necessary controls. These Interconnection Costs must be related to the installation of the physical facilities necessary to permit interconnected operation of the Customer-Generator's System with BMU's system, including metering equipment required to individually measure both the electric energy produced and the electric energy consumed by the Customer-Generator during each billing period. Interconnection Costs shall not include those costs normally incurred by BMU in providing electric service without an interconnection. Upon request, BMU shall provide the Customer-Generator with an estimate of BMU's Interconnection Costs based upon the plans and specifications provided by the Customer-Generator to BMU.

4) Energy Pricing and Billing

BMU shall bill and credit Customer-Generator for electric energy according to BMU's applicable rate schedules. You may obtain copies of these schedules on request.

5) Term

This Agreement becomes effective when signed by both the Customer-Generator and BMU, and shall continue in effect until terminated. Either party may terminate this Agreement by giving thirty (30) days' written notice to the other party. Sections 1, 3, 9, 10, and 11 shall survive termination of this Agreement.

6) Assignment

Customer-Generator shall not assign this Agreement and shall not transfer operational control of Customer-Generator's System without the written consent of BMU. Customer-Generator shall notify BMU in writing at least thirty (30) days before any proposed assignment of this Agreement or transfer of operational control of Customer-Generator's System. If Customer-Generator is assuming ownership or operational control of an existing Customer-Generator's System, then he or she shall be bound by all previous

Applications, requirements, approvals, and denials for such Customer-Generator's System, except as modified herein.

7) Testing Requirement

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 BMU's electrical system. Customer-Generator Systems of 10 kW or less shall not be required to perform this test. Disconnecting the net metering unit from BMU'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 test must be performed by a professional electrical engineer licensed in the State of Missouri or a qualified electrician licensed in the City of Sikeston, Missouri. If the Customer-Generator's equipment fails any test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from BMU's system. The Customer-Generator shall maintain a record of the results of these tests and, upon request by BMU, shall provide a copy of the test results to BMU. BMU may immediately disconnect the Customer-Generator's System if (1) the test results show that the Customer-Generator's System is not functioning properly, or (2) the Customer-Generator does not provide a copy of the test results within 30 days of BMU's request. The Customer-Generator's System shall not be reconnected to BMU's electrical system by the Customer-Generator until the Customer-Generator's System is repaired and operating in a normal and safe manner.

8) Modifications

Customer-Generator shall not modify the Customer-Generator's System without prior written approval from BMU.

9) Indemnification

Customer-Generator shall indemnify, defend, and hold harmless BMU, its officers, directors, agents, and employees, from and against all claims, damages, losses, and expenses, including attorney's fees, arising out of this Agreement caused by Customer-Generator's acts or omissions or by Customer-Generator's System, except to the extent that such claims, etc. are caused by the negligence of BMU. This indemnification agreement shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Customer-Generator under workers' compensation acts, disability benefit acts, or other employee benefit acts.

10) No Third Party Beneficiaries

This Application is solely for the benefit of the parties hereto and there are no third party beneficiaries of this Application. Nothing contained herein shall create or assume any duty to anyone who is not a party to this Application.

11) Governing Law, Arbitration, and Venue

This Application shall be governed by Missouri law. Any controversy or claim arising out of or relating to this Application shall be settled by arbitration in accordance with the Rules of the American Arbitration Association under its Commercial Arbitration Rules. The venue for all arbitrations arising out of this Application shall be Scott County, Missouri.

12) Entire Agreement

This Application and all written approvals and denials given in connection with it are the entire agreement and supersede all other prior oral and written agreements pertaining to the subject matter hereof. This Application may only be modified by a writing signed by the parties. THIS CONTRACT CONTAINS A BINDING ARBITRATION PROVISION THAT MAY BE ENFORCED BY THE PARTIES.

IN WITNESS WHEREOF, this Agreement is executed by the duly authorized officers or representatives of the Parties as of the day and year stated below.

APPROVED THIS _____ DAY OF _____, 20_____

CUSTOMER-GENERATOR

By _____

Owner, _____

Print Name

BOARD OF MUNICIPAL UTILITIES OF THE CITY OF SIKESTON, MISSOURI

By _____

Rick Landers, General Manager