

**U**nder this heading will appear the text of proposed rules and changes. The notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This is set out in the Purpose section with each rule. Also required is a citation to the legal authority to make rules. This appears following the text of the rule, after the word "Authority."

**E**ntirely new rules are printed without any special symbolology under the heading of the proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules which are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

**A**n important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

**I**f an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

**A**n agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close of comments date will be used as the beginning day in the ninety (90)-day-count necessary for the filing of the order of rulemaking.

**I**f an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice and file a new notice of proposed rulemaking and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

**Boldface text indicates new matter.**

*[Bracketed text indicates matter being deleted.]*

## Title 4—DEPARTMENT OF ECONOMIC DEVELOPMENT

### Division 240—Public Service Commission Chapter 20—Electric Utilities

#### PROPOSED AMENDMENT

**4 CSR 240-20.065 Net Metering.** The commission is amending subsections (1)(A), (3)(E), (5)(C), (6)(C), and (7)(B); adding new sections (3) and (8), subsections (1)(G), (1)(I), and (9)(B), and paragraph (9)(A)1.; renumbering sections (3)–(8) and subsection (7)(C); and deleting the Interconnection Application form currently in the *Code of State Regulations* and replacing it with an updated Interconnection Application form.

**PURPOSE:** *This amendment eliminates various inconsistencies between rule 4 CSR 240-20.065 Net Metering and rule 4 CSR 240-20.100 Electric Utility Renewable Energy Standard Requirements and defines the rate that at which the electric utilities must credit cus-*

*tomer-generators for the electric energy they generate which exceeds their needs.*

#### (1) Definitions.

(A) Avoided fuel cost means *[the current annual average cost of fuel for the electric utility as calculated from information contained in the most recent annual report submitted to the commission pursuant to 4 CSR 240-3.165. Annual average cost of fuel will be calculated from information on the Steam-Electric Generating Plant Statistics Sheets of the annual report. This annual average cost of fuel shall be identified in the net metering tariffs on file with the commission and shall be updated annually within thirty (30) days after the electric utility's annual report is submitted.]* avoided costs as used to calculate the electric utility's cogeneration rate as required by 4 CSR 240-3.155(4). The information used to calculate this rate is provided to the commission biennially and maintained for public inspection.

(G) REC means Renewable Energy Credit or Renewable Energy Certificate which is tradable, and represents one (1) megawatt-hour of electricity that has been generated from a renewable energy resource.

[(G)](H) Renewable energy resources means electrical energy produced from 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.

(I) Staff means the staff of the Public Service Commission of the state of Missouri.

(3) REC Ownership. RECs associated with customer-generated net-metered renewable energy resources shall be owned by the customer-generator until explicitly transferred to another entity. Nothing in this rule gives the electric utility any preferential entitlement to the RECs generated by the customer-generator's qualified electric energy generation system.

#### [(3)](4) Electric Utility 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 electric utility'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, no electric utility shall be required to approve any application for interconnection if the total rated generating capacity of all applications for interconnection already approved to date by said electric utility in said calendar year equals or exceeds one percent (1%) of said electric utility'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.

(C) The availability of the net metering program shall be disclosed annually to each of its customers with the method and manner of disclosure being at the discretion of the electric utility.

(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 electric utility shall have no liability absent clear and convincing evidence of fault on the part of the supplier.



(E) Any costs incurred under this rule by an electric utility not recovered directly from the customer-generator, as identified in [(5)](6)(F), shall be recoverable in that electric utility's rate structure.

(F) No fee, charge, or other requirement not specifically identified in this rule shall be imposed unless the fee, charge, or other requirement would apply to similarly situated customers who are not customer-generators.

#### [(4)](5) Customer-Generator Liability Insurance Obligation.

(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; however, any tariff or contract offered by a utility to customer-generators shall contain language stating that absent clear and convincing evidence of fault on the part of the retail electric supplier, those retail electric suppliers cannot be held liable for any action or cause of action relating to any damages to property or persons caused by the generation unit of a customer-generator or the interconnection thereof pursuant to section 386.890.11, RSMo. [Supp. 2008.] Further, any tariff or contract offered by utilities to customer-generators shall state that customer-generators 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.

#### [(5)](6) 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 and UL 1741.

(B) The electric utility may require 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 an electric utility worker the ability to manually and instantly disconnect the unit from the electric utility's distribution system.

(C) No consumer shall connect or operate an electric generation unit in parallel phase and synchronization with any electric utility without written approval by said electric utility that all of the requirements under subsection [(7)](B)](9)(C) of this rule have been met. For a customer-generator who violates this provision, an electric utility 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 electric utility to install additional distribution equipment to accommodate the customer-generator's facility, the customer-generator shall reimburse the electric utility 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 electric utility, 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 electric utility's system. Disconnecting the net metering unit from the electric utility'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 electric utility.

1. If the customer-generator is unable to provide a copy of the test results upon request, the electric utility 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 electric utility[;].

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 electric utility within thirty (30) days of receiving a request from the electric utility or the results of the test provided to the electric utility show that the unit is not functioning correctly, the electric utility may immediately disconnect the net metering unit[; and].

4. The net metering unit shall not be reconnected to the electric utility's electrical system by the customer-generator until the net metering unit is repaired and operating in a normal and safe manner.

#### [(6)](7) Determination of Net Electrical Energy. Net electrical energy measurement shall be calculated in the following manner:

(A) For a customer-generator, an electric utility 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 electric utility 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 electric utility during a billing period, the customer-generator shall be billed for the appropriate customer charges for that billing period in accordance with section [(3)](4) of this rule and shall be credited *[an amount at least equal to the avoided fuel cost of]* with the product of the excess kilowatt-hours generated during the billing period, *with this credit applied to/* and the rate identified in the electric utility's net metering tariff sheet filed with the commission in the following billing period. This rate is calculated from the electric utility'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 electric utility.

(8) Net Metering Rates. Each electric utility shall file on or before January 15 of each odd-numbered year for the commission's approval in the electric utility's tariff, a rate schedule with a net metering rate that is the same rate as the utility's cogeneration rate. The electric utility's cogeneration rate is filed for the commission's approval in the electric utility's tariff on or before January 15 of every odd-numbered year as required in 4 CSR 240-3.155 Requirements for Electric Utility Cogeneration Tariff Filings section (4). The cogeneration rate is stated in dollars per kilowatt-hour or cents per kilowatt-hour on the cogeneration rate



tariff sheet 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.

*[(7)](9)* Interconnection Agreement.

(A) Each customer-generator and electric utility shall enter into the interconnection agreement included herein.

1. If the electric utility so chooses, it may allow customers to apply electronically through the electric utility's website.

A. The interconnection agreement on the electric utility's website shall substantially be the same as the interconnection agreement included herein.

B. The electronic agreement shall be reviewed by staff prior to being placed on the electric utility's website.

C. The electric utility shall notify staff of any revisions to the electronic agreement on its website within ten (10) working days of when the electronic agreement is revised.

(B) References to a solar rebate in the interconnection agreement included herein are not required for electric utilities that are not required to offer solar rebates.

*[(B)](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 electric utility 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 electric utility's system, the customer-generator will furnish the electric utility a certification from a qualified professional electrician or engineer that the installation meets the requirements of subsections *[(5)](6)(A)* and *[(5)](6)(B)*. If the application for interconnection is approved by the electric utility 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.

*[(C)](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.

*[(8)](10)* Electric Utility Reporting Requirements. Each year prior to April 15, every electric utility shall:—

(A) Submit an annual net metering report to the commission and make said report available to a consumer of the electric utility upon request, including the following information for the previous calendar year:

1. The total number of customer-generator facilities connected to its distribution system;

2. The total estimated generating capacity of customer-generators that are connected to its distribution system; and

3. The total estimated net kilowatt-hours received from customer-generators; and

(B) Supply to the manager of the energy department of the commission a copy of the standard information regarding net metering and interconnection requirements provided to customers or posted on the electric utility's website.

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

For Customers Applying for Interconnection:

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

If you wish to apply for interconnection to [Utility Name]'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 [Utility Name] at:

[Utility Mailing Address]

The company will provide notice of approval or denial within thirty (30) days of receipt by [Utility Name] for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by [Utility Name] 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 [Utility Name], it shall become a binding contract and shall govern your relationship with [Utility Name].

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, complete sections E and F of this Application, and forward this Application to [Utility Name] for review and completion of section G at:

[Utility Mailing Address]

Prior to the interconnection of the qualified generation unit to [Utility Name] system, the customer-generator will furnish [Utility name] a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application. If the application for interconnection is approved by [Utility Name] 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.

[Utility Name] will complete the utility portion of section G and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, schedule a date for interconnection of the Customer-Generator System to [Utility Name]'s electrical system within fifteen (15) days of receipt by [Utility Name] if electric service already exists to the premises, unless the Customer-Generator and [Utility Name] 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, [Utility Name] will schedule a date for interconnection of the Customer-Generator System to [Utility Name]'s electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and [Utility Name] agree to a later date.



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 [Utility Name] at:

[Utility Mailing Address]

[Utility Name] will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by [Utility Name] 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.

A. Customer-Generator's Information

Name: \_\_\_\_\_

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

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

Service/Street Address (if different from above): \_\_\_\_\_

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

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

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

[Utility Name] 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/Thermal ☐ Wind ☐ Fuel Cell ☐ Thermal ☐ Photovoltaic ☐ Hydroelectric ☐ Other  
(describe) \_\_\_\_\_

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

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

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

Are required System Plans, Specifications, & Writing Diagram 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 ☐

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: \_\_\_\_\_ 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 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of [Utility Name]. The proposed System has a lockable, visible disconnect device, accessible at all times to [Utility Name] personnel. The System is only required to include one lockable, visible disconnect device, accessible to [Utility Name]. 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 [Utility Name]'s electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when [Utility Name]'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 [Utility Name]'s electrical system when the electrical system is not energized or not operating normally.

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

Name (Print): \_\_\_\_\_

#### D. Additional Terms and Conditions

In addition to abiding by [Utility Name]'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 [Utility Name], 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 [Utility Name]'s electrical system, [Utility Name] may immediately disconnect and lock-out the Customer-Generator's System from [Utility Name]'s electrical system. The Customer-Generator shall permit [Utility Name]'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 (10kW), 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 [Utility Name]



to install additional distribution equipment to accommodate the customer-generator's facility, the customer-generator shall reimburse [Utility Name] 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 [Utility Name], 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) Energy Pricing and Billing

The net electric energy delivered to the Customer-Generator shall be billed in accordance with rate schedule(s) [Utility's Applicable Rate Schedules]. The value of the electric energy delivered by the Customer-Generator to [Utility Name] shall be credited in accordance with rate schedule(s) [Utility's Applicable Rate Schedules].

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 for that billing period and shall be credited an amount at least equal to the avoided fuel cost of the excess kilowatt-hours generated during the billing period, with this credit applied to the following billing period.

(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.

#### 5) Terms and Termination Rights

This Agreement becomes effective when signed by both the Customer-Generator and [Utility Name], 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 [Utility Name] 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 [Utility Name]'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 [Utility Name]. 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.

#### 6) 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. [Utility Name] 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 [Utility Name], before the existing Customer-Generator System can remain interconnected with [Utility Name]'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, [Utility Name] will assess no charges or fees for this transfer. [Utility Name] 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. [Utility Name] 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 [Utility Name]'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 [Utility Name] a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

#### 7) Dispute Resolution

If any disagreements between the Customer-Generator and [Utility Name] 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.

#### 8) 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 [Utility Name]'s electrical system. Disconnecting the net metering unit from [Utility Name]'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 [Utility Name], shall provide a copy of the test results to [Utility Name]. If the Customer-Generator is unable to provide a copy of the test results upon request, [Utility Name] 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 [Utility Name], 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 [Utility Name]'s system. If the Customer-Generator does not provide results of a test to [Utility Name] within thirty (30) days of receiving a request from [Utility Name] or the results of the test provided to [Utility Name] show that the Customer-Generator's net metering unit is not functioning correctly, [Utility Name] may immediately disconnect the Customer-Generator's System from [Utility Name]'s system. The Customer-Generator's System shall not be reconnected to [Utility Name]'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 8 of this Application/Agreement.

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

E. Electrical Inspection

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: \_\_\_\_\_

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 [Utility Name]'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 [Utility Name]'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 [Utility Name]'s electrical system, I shall disconnect the Customer-Generator System and not reconnect it to [Utility Name]'s electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify [Utility Name] 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 [Utility Name].

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

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

G. Utility Application Approval (*completed by* [Utility Name])

[Utility Name] 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 [Utility Name] on this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year).

[Utility Name] Representative Name (print): \_\_\_\_\_

Signed [Utility Name] Representative: \_\_\_\_\_ ]



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

[Utility Name and Mailing Address]

**For Customers Applying for Interconnection:**

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

If you wish to apply for interconnection to [Utility Name]'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 [Utility Name] at the address above. The company will provide notice of approval or denial within thirty (30) days of receipt by [Utility Name] for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by [Utility Name] 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 [Utility Name], it shall become a binding contract and shall govern your relationship with [Utility Name].

**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, complete sections E and F of this Application, and forward this Application to [Utility Name] for review and completion of section I at the address above. Prior to the interconnection of the qualified generation unit to [Utility Name] system, the customer-generator will furnish [Utility Name] a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application. If the application for interconnection is approved by [Utility Name] 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.

[Utility Name] will complete the utility portion of section I and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, schedule a date for interconnection of the Customer-Generator System to [Utility Name]'s electrical system within fifteen (15) days of receipt by [Utility Name] if electric service already exists to the premises, unless the Customer-Generator and [Utility Name] 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, [Utility Name] will schedule a date for interconnection of the Customer-Generator System to [Utility Name]'s electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and [Utility Name] agree to a later date.

**For Customers Who Are Installing Solar Systems:**

Upon completion of section G and H, a rebate of \$2/watt up to 25,000 watts (25kW) is available from [Utility Name] on an expanded or new system that becomes operational after 12/31/2009 with a maximum rebate of \$50,000.



**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, F, and H of this Application/Agreement and forward to [Utility Name] at the address above. [Utility Name] will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by [Utility Name] 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.



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

Name on [Utility Name] Electric Account: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Service/Street Address (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
Emergency Contact Phone: \_\_\_\_\_  
[Utility Name] Account No. (from Utility Bill): \_\_\_\_\_  
If account has multiple meters, provide the meter number to be used for net metering: \_\_\_\_\_

**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.: \_\_\_\_\_  
Inverter/Interconnection Equipment Location (describe): \_\_\_\_\_  
Outdoor Manual/Utility Accessible & Lockable Disconnect Switch Distance from meter: \_\_\_\_\_  
Describe the location of the disconnect switch: \_\_\_\_\_  
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.**

**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 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of [Utility Name]. The proposed System has a lockable, visible AC disconnect device, accessible at all times to [Utility Name] personnel. The System is only required to include one lockable, visible disconnect device, accessible to [Utility Name]. 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 [Utility Name]'s electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when [Utility Name]'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 [Utility Name]'s electrical system when the electrical system is not energized or not operating normally.

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

#### **D. Additional Terms and Conditions**

In addition to abiding by [Utility Name]'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 [Utility Name], 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 [Utility Name]'s electrical system, [Utility Name] may immediately disconnect and lock-out the Customer-Generator's System from [Utility Name]'s electrical system. The Customer-Generator shall permit [Utility Name]'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 [Utility Name] to install additional distribution equipment to accommodate the customer-generator's facility, the customer-generator shall reimburse [Utility Name] 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 [Utility Name], 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 until explicitly transferred to another entity. Nothing in this contract gives [Utility Name] any preferential entitlement to the RECs generated by the customer-generator's system.

**5) Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with net metering rate schedule(s) [Utility's Applicable Rate Schedules]. The value of the electric energy delivered by the Customer-Generator to [Utility Name] shall be credited in accordance with rate schedule(s) [Utility's Applicable Rate Schedules].

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 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 [Utility Name'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 [Utility Name], 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 [Utility Name] 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 [Utility Name]'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 [Utility Name]. 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.

**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. [Utility Name] 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 [Utility Name], before the existing Customer-Generator System can remain interconnected with [Utility Name]'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, F, and H of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, [Utility Name] will assess no charges or fees for this transfer. [Utility Name] 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. [Utility Name] will then complete section I 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 [Utility Name]'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 [Utility Name] 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 [Utility Name] 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.

#### **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 [Utility Name]'s electrical system. Disconnecting the net metering unit from [Utility Name]'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 [Utility Name], shall provide a copy of the test results to [Utility Name]. If the Customer-Generator is unable to provide a copy of the test results upon request, [Utility Name] 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 [Utility Name], 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 [Utility Name]'s system. If the Customer-Generator does not provide results of a test to [Utility Name] within thirty (30) days of receiving a request from [Utility Name] or the results of the test provided to [Utility Name] show that the Customer-Generator's net metering unit is not functioning correctly, [Utility Name] may immediately disconnect the Customer-Generator's System from [Utility Name]'s system. The Customer-Generator's System shall not be reconnected to [Utility Name]'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.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_  
Must be signature of [Utility Name] account holder (customer)

#### E. Electrical Inspection

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: \_\_\_\_\_

#### 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 [Utility Name]'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 [Utility Name]'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 [Utility Name]'s electrical system, I shall disconnect the Customer-Generator System and not reconnect it to [Utility Name]'s electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify [Utility Name] 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 [Utility Name].

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

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

**G. Solar Rebate (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  
System Installation Date: \_\_\_\_\_

**Solar system must be permanently installed on the applicant's premises for a valid application**

**Required documents to receive solar rebate (required to be attached for a valid application):**

- 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

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

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 [Utility Name].

I understand that the solar system must be permanently installed and remain in place on premises for the duration of its useful life – a minimum of 10 years.

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

I understand a rebate of \$2/watt up to 25,000 watts (25 kW) is available from [Utility Name] on expanded or new systems that become operational after 12/31/2009 with a maximum rebate of \$50,000.

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

I understand business corporations receiving a rebate of \$600 or more will receive a 1099. (Please consult your tax advisor with any questions.)

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.

\_\_\_\_\_  
Applicant's Signature

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

\_\_\_\_\_  
Print Solar Rebate Applicant's Name

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



**I. Utility Application/Agreement Approval (*completed by* [Utility Name])**

[Utility Name] 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 [Utility Name] on this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year).  
[Utility Name] Representative Name (print): \_\_\_\_\_

Signed [Utility Name] Representative: \_\_\_\_\_

**AUTHORITY:** section 386.250, RSMo 2000, and section 386.890.9, RSMo Supp. 2011. Original rule filed March 11, 2003, effective Aug. 30, 2003. Amended: Filed June 17, 2008, effective Feb. 28, 2009. Amended: Filed Feb. 20, 2009, effective Oct. 30, 2009. Amended: Filed Jan. 26, 2012.

**PUBLIC COST:** This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

**PRIVATE COST:** This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

**NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS:** Anyone may file comments in support of or in opposition to this proposed amendment with the Missouri Public Service Commission, Steven C. Reed, Secretary of the Commission, PO Box 360, Jefferson City, MO 65102. To be considered, comments must be received at the commission's offices on or before April 2, 2012, and should include a reference to Commission Case No. EX-2012-0193. Comments may also be submitted via a filing using the commission's electronic filing and information system at <http://www.psc.mo.gov/efis.asp>. A public hearing regarding this proposed amendment is scheduled for Tuesday, April 3, 2012, at 10:00 a.m. in Room 305 of the commission's offices in the Governor Office Building, 200 Madison Street, Jefferson City, Missouri. Interested persons may appear at this hearing to submit additional comments and/or testimony in support of or in opposition to this proposed amendment and may be asked to respond to commission questions.

**SPECIAL NEEDS:** Any persons with special needs as addressed by the Americans with Disabilities Act should contact the Missouri Public Service Commission at least ten (10) days prior to the hearing at one of the following numbers: Consumer Services Hotline 1-800-922-4274 (voice) or Relay Missouri at 711.

## Title 5—DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

### Division 20—Division of Learning Services Chapter 100—Office of Quality Schools

#### PROPOSED RULE

##### 5 CSR 20-100.250 Charter Schools

**PURPOSE:** This rule establishes policies and procedures for the Missouri Department of Elementary and Secondary Education to evaluate charter sponsors relating to the standards for sponsorship, as authorized by section 160.400.14, RSMo Supp. 2011.

(1) Charter sponsorship and continued receipt of state funds to defray the expense of charter sponsorship shall be based on the determination that a charter sponsor remains in good standing with the sponsorship obligations outlined in sections 160.400 to 160.420, RSMo, and section 167.349, RSMo.

(2) In determining good standing under this section, the Department of Elementary and Secondary Education (department) shall evaluate charter sponsor policies and practices in the following areas:

- (A) Charter application approval;
- (B) Required charter agreement terms and content;
- (C) Sponsor performance evaluation and compliance monitoring; and
- (D) Charter renewal, intervention, and revocation decisions.

(3) The charter sponsor's approval process shall include an application that provides sufficient information for a rigorous evaluation of

the proposed charter and provides clear documentation of a quality education program; effective governance and management structures; and a sustainable operational plan.

(4) A charter approved by the charter sponsor should include a description of the obligations and responsibilities of the charter school, as outlined in sections 160.400 to 160.420, RSMo, and section 167.349, RSMo, and provide for—

(A) An annual review of the charter school's compliance with statutory standards, including:

1. Participation in the statewide system of assessments, as designated by the State Board of Education (board) pursuant to section 160.518, RSMo;

2. Assurances for the completion and distribution of an annual report card as prescribed in section 160.522, RSMo;

3. The collection of baseline data during at least the first three (3) years of operation to determine the longitudinal success of the charter school;

4. A method to measure pupil progress toward the pupil academic standards adopted by the board pursuant to section 160.514, RSMo; and

5. Publication of each charter school's Annual Performance Report (APR);

(B) Procedures, consistent with the *Missouri Financial Accounting Manual*, for monitoring the financial accountability of the charter, which shall include:

1. An annual audit by a certified public accountant, published audit reports and annual financial reports as provided in Chapter 165, RSMo;

2. Compliance with all federal audit requirements established for charter schools with local education agency status; and

3. Compliance with the requirements of any audit by petition under section 29.230, RSMo, for a political subdivision of the state;

(C) Pre-opening requirements for applications that require that potential sponsors meet or exceed safety and other legal requirements prior to opening; and

(D) Procedures in place in the event of charter school closure, including:

- 1. The archival of student records;
- 2. The archival of business operations records;
- 3. Submission of final financial reports;
- 4. Resolution of any remaining financial obligations; and
- 5. The disposition of charter school assets.

(5) For charter schools that are recipients of a federal Charter School Program Grant, a determination that—

(A) Each authorized charter in the state operates under a legally binding charter or performance contract between itself and the school's authorized public chartering agency that describes the obligations and responsibilities of the school and the public chartering agency; conduct annual, timely, and independent audits of the school's financial statements that are filed with the sponsor; and demonstrate improved student academic achievement; and

(B) Sponsors use increases in student academic achievement for all groups of students, as described in section 1111(b)(2)(C)(v) of the Elementary and Secondary Education Act, as the most important factor when determining to renew or revoke a school's charter.

(6) Intervention, renewal, and revocation policies of the charter sponsor shall outline the conditions in which the charter sponsor may intervene in the operation of the charter school, along with actions and consequences that may ensue, and the conditions for renewal of the charter at the end of the term. These policies shall include the following minimum standards:

(A) Intervention policies during the charter term should give schools clear, adequate, evidence-based, and timely notice of contract violations or performance deficiencies and should mandate intervention based upon findings of the board of the following:



