

B. Member-Generator's System Information

Manufacturer's Name Plated Output: AC Power Rating: (rated) 6.105 kW; (max) 6.162 kW

Voltage: 240 Volts

System Type: Solar Wind Biomass Fuel Cell Other (describe) _____

Service/Street Address: 367 Cedar Valley Rd Hollister MO 65672

Inverter/Interconnection Equipment Manufacturer: Jinko

Inverter/Interconnection Equipment Model No.: Primo 6.0

Are Required Wiring Diagram, System Plans & Specifications Attached? Yes No

Inverter/Interconnection Equipment Location (describe): Exterior West Side of Home

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

Less than 4' From the meter

Location and Description of Automatic Mechanism to Disable the System and Prevent Back-feed:

Exterior West Side of Home

Existing Electrical Service Capacity: 200 Amperes Voltage: 240 Volts

Service Character: Single Phase Three Phase

C. Installation Information

County / City Permit Number (if applicable): _____

Person or Company Installing: Simple Solar

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

Approximate Installation Date: 10/28/2017

Mailing Address: 2514 N Patterson Ave

City: Springfield State: MO Zip Code: 65803

Daytime Phone: 417-986-0360 Fax: _____ E-Mail: dustin@getsimplesolar.com

Cell Phone: _____ Emergency Contact Phone: _____

D. Installation Compliance

Qualified Professional Electrician or Engineer Who Will Inspect/Certify Installation:

Name: Cole Van Horn

Address: 2514 N Patterson Ave

City: Springfield State: MO Zip Code: 65803

Phone: 417-268-7010 Fax: _____ Email: cole@getsimplesolar.com

TERMS AND CONDITIONS:

E. In addition to abiding by the Cooperative's Bylaws, rules, policies and regulations, Member-Generator by completing and signing this Application and Agreement, agrees to comply with the following specific terms and conditions:

1. Required Documentation. Member-Generator shall provide a site specific wiring diagram, the plans and specifications describing the net metering, parallel generation, and interconnection facilities (herein collectively referred to as the "Member-Generator's System") and submit them to the Cooperative as set forth in this Application and Agreement.

2. Binding Contract. When this fully completed and executed Member-Generator Application and Agreement receives final approval from the Cooperative, it shall become a binding contract and shall govern your relationship with Cooperative in regard to interconnection and net metering of the Member-Generator System. All Applications and Agreements receiving final approval from the Cooperative must be acted upon by the Member-Generator within one year of the date of approval.

3. Operation/Disconnection. If it appears to the Cooperative, that at any time and in the reasonable exercise of its judgment, that operation of the Member-Generator's System is adversely affecting safety, power quality or reliability of the Cooperative's electrical system, the Cooperative may immediately disconnect and lock-out Member-Generator's System from Cooperative's electrical system. Member-Generator shall permit the Cooperative's employees and inspectors reasonable access to inspect, test, and examine MemberGenerator's System to determine if same is adversely affecting safety, power quality or reliability of the Cooperative's electrical system.

4. Metering Equipment. Member-Generator's System shall be equipped with sufficient metering equipment capable of measuring the net amount of electrical energy both produced and consumed by the Member-Generator, either by employing a single, bi-directional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Member-Generator's consumption and production of electricity.

5. Costs of Generator System, Additional Metering and Other Equipment. Member-Generator shall, at Member-Generator's cost and expense, install, operate, maintain, repair, and inspect, and otherwise be fully responsible for Member-Generator's System. Member-Generator further agrees to pay or reimburse the Cooperative for all costs of additional metering beyond the Member-Generator's existing meter equipment and any additional distribution equipment necessary for the Cooperative to interconnect the Member-Generator's System. The Cooperative shall in its sole discretion determine the specific type of metering equipment necessary for the Cooperative to interconnect the Member-Generator's System.

Upon written request of the Member-Generator the Cooperative may initially pay the costs of additional metering and distribution equipment necessary for the Cooperative to interconnect the Member-Generator's System. Thereafter, such costs, including a reasonable interest charge, shall be repaid by the Member-Generator to the Cooperative over the course of the twelve billing cycles following interconnection of the Member-Generator's System.

Members-Generator's payment or reimbursement of the Cooperative's costs for additional metering and other equipment shall be construed as aid to construction only and Member-Generator will not acquire any ownership interest in meters, wiring, safety devices or other equipment installed by the Cooperative at Members-Generator's site. The Cooperative may install and maintain, at its expense, load research metering for monitoring the Member's energy generation and usage and thereafter use or disclose to others all data collected in any manner deemed appropriate by the Cooperative.

6. Severability. If any portion or provision of this Application and Agreement is held or adjudged to be invalid or illegal or unenforceable by any court of competent jurisdiction, such portion shall be deemed separate and independent, and the remainder of this Application and Agreement shall remain in full force and effect.

7. Counterparts. This Agreement may be signed and executed in two or more counterparts, each of which shall be deemed an original, but all of which shall constitute but one and the same instrument.

8. Meter Reading. The meter reading necessary to determine the net amount of electrical energy produced and consumed by the Member-Generator shall be conducted by the Cooperative monthly. The term "monthly" for billing purposes shall mean the period between any two consecutive regular readings by the Cooperative for the meter(s) at the Member-Generator's System, such readings to be taken as nearly as may be practicable every thirty (30) days.

Member-Generator shall supply, without cost to the Cooperative, an accessible and suitable location, as mutually agreed to between Member-Generator and the Cooperative, for the meter(s) used for billing, load research and emergency disconnection equipment. All meters used for billing, load research and emergency disconnection equipment shall be accessible at all times to the Cooperative's personnel.

9. Energy Value and Billing. Section 386.890 RSMo. Supp. 2007, sets forth the method and manner of valuation and billing of electric energy provided by the Cooperative to Member-Generator and by Member-Generator to the Cooperative.

The value of that amount of electric energy delivered by the Cooperative and consumed by Member-Generator in excess of the amount of electric energy generated by the Member-Generator's System shall be billed in accordance with the Cooperative's rate schedule applicable to members in the same rate class as the Member-Generator.

The value of that amount of electric energy delivered by Member-Generator to the Cooperative's system in excess of the amount of electric energy consumed by the Member-Generator shall be determined by multiplying the number of excess kWh delivered by Member-Generator to the Cooperative by the average monthly avoided fuel cost of Associated Electric Cooperative, Inc. (AECI) during the billing period. The Member-Generator shall receive credits equal to the value of the electric energy delivered to the Cooperative. Credits will be applied to the next billing period following issuance of the credits. The credits shall expire without any compensation at the earlier of either twelve months after their issuance or when the Member-Generator disconnects service or terminates the net metering relationship with the Cooperative.

Credits may, at the option of the Cooperative, be provided to the Member-Generator by the Cooperative's wholesale provider of electric energy (G & T Cooperative) and/or Associated Electric Cooperative Inc., the wholesale generator supplying electric energy to (G & T Cooperative).

10. Cooperative's Limited Liability. With respect to the Cooperative's provision of electric service to Member-Generator and the services provided by the Cooperative pursuant to this Application and Agreement, the Cooperative's liability shall be limited to claims, losses, costs and expenses that result from the Cooperative's gross negligence or other willful misconduct, shown by clear and convincing evidence, in connection with the operation or maintenance of its electric distribution system.

11. No Energy Sales to Cooperative. Member-Generator agrees that interconnection of the Member-Generator's System with the Cooperative's electrical system does not grant Member-Generator the right to export power, nor does it constitute an agreement by the Cooperative to purchase power or wheel Member-Generator's excess power.

12. Terms and Termination Rights. This Application and Agreement becomes effective when signed by all parties hereto, and shall continue in effect until terminated. Thereafter, Member-Generator may terminate this Application and Agreement at any time by giving the Cooperative at least thirty (30) days prior written notice. In such event, Member-Generator shall, no later than the date of termination of the Application and Agreement, completely disconnect Member-Generator's System from parallel operation with the Cooperative's electric distribution system. A representative of the Cooperative shall be present to witness the disconnect of the Member-Generator's System or thereafter have the right to examine the Member-Generator's System so as to verify that it has been physically disconnected from the Cooperative's electrical system. Any party may terminate this Agreement by giving the other parties at least thirty (30) days prior written notice that another party is in default of any of the terms and conditions of this Application and Agreement, except default by Member-Generator in payment of their power bill from the Cooperative, so long as the notice specifies the basis for termination, and there is a reasonable opportunity to cure the default. If Member-Generator is in default because of failure to timely pay their power bill, the Cooperative may terminate this Application and Agreement upon disconnection of electric service by the Cooperative to Member-Generator under the Cooperative's applicable policies. This Application and Agreement may also be terminated at any time by mutual written agreement of the parties hereto.

13. Transfer of Ownership. If ownership or operational control of Member-Generator's System transfers to any other party than Member-Generator, a new Application and Agreement must be completed by the person or persons taking over ownership or operational control of the existing Member-Generator's System. The Cooperative shall be notified in writing no less than thirty (30) days before Member-Generator anticipates transferring ownership or operational control of Member-Generator's System. The person or persons taking over operational control of Member-Generator's System must receive written authorization from the Cooperative before the existing Member-Generator System can remain interconnected with the Cooperative's electrical system.

14. Maintenance and Operation. Member-Generator agrees to maintain their system and facilities in accordance with applicable manufacturer's recommended maintenance schedule and standard prudent engineering practices. Member-Generator covenants and agrees to operate their system, facilities and equipment so as to minimize the likelihood for a malfunction or other disturbance, damaging or otherwise affecting or impairing the Cooperative's electrical system. Member-Generator shall comply with all applicable laws, regulations, zoning, building codes, safety rules and other environmental regulations or restrictions applicable to the design, installation, operation and maintenance of the Member-Generator's System.

Member-Generator must, at least once every year, conduct a test to confirm that Member-Generator's System automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from the Cooperative's electrical system. Disconnecting the Member-Generator's System from the Cooperative'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. Member-Generator shall maintain a record of the results of these tests and, upon request by the Cooperative, shall provide a copy of the test results to the Cooperative. If Member-Generator is unable to provide a copy of the test results upon request, the Cooperative shall notify Member-Generator by mail that Member-Generator has thirty (30) days from the date Member-Generator receives the request to provide the Cooperative with the results of a test. If Member-Generator does not provide the Cooperative with the test results within the thirty (30) day time period or if the test results provided to the Cooperative show that Member-Generator's net metering unit is not functioning correctly, the Cooperative may immediately disconnect Member-Generator's System from the Cooperative's electrical system. If Member-Generator's equipment ever fails this test, Member-Generator shall immediately disconnect Member-Generator's System from the Cooperative's electrical system. Member-Generator's System shall not be reconnected to Cooperative's electrical system by the Member-Generator until Member-Generator's System is repaired and operating in a normal and safe manner. The Cooperative shall have the right to have a representative present and informed when any such tests are conducted. The Cooperative does not warrant the testing procedures or results by the presence of its representative.

G. Pre-Construction Certification

I, Cole Van Horn (print name), the undersigned, a professional electrician or professional engineer (please circle one) do hereby certify that:

The Member-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, IEEE 9292000, and IEEE 1547-2003. The proposed installation complies with all applicable state regulations, local electrical codes and all reasonable safety requirements of Cooperative. The proposed System has a lockable, visible, manual disconnect device, clearly marked "Distributed Generation Disconnect" accessible at all times to the Cooperative personnel located at the metering point or other location mutually agreed to between Member-Generator and the Cooperative. In addition to the one lockable, visible disconnect device, the System has a functioning mechanism that automatically disables the Member-Generator’s System and interrupts the flow of electricity back onto the Cooperative’s distribution system in the event that electrical service to the Member-Generator is interrupted, thereby preventing the possibility of back-feed.

The Member-Generator’s proposed System has functioning controls as specified by IEEE and UL standards, including, but not limited to control to prevent voltage flicker, DC injection, over voltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to the Cooperative's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when the Cooperative’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 the Cooperative’s electrical system when the electrical system is not energized or not operating normally.

Signature: Cole Van Horn Date: 10/23/2017

Print Name: Cole Van Horn

(If Applicable) License # BTC-0007844 Expiration Date: 12/31/17 Issued by: Springfield

H. Post-Construction Certification

I, _____ (print name), the undersigned, a professional electrician or professional engineer (please circle one) do hereby certify that the Member-Generator’s System referenced herein and now fully constructed satisfies all requirements noted in Section G, as set forth above.

Signature: _____ Date: _____

Print Name: _____

(If Applicable) License # _____ Expiration Date: _____ Issued by: _____

I. Approval of Application and Agreement. The Cooperative does not, by approval of this Application and Agreement, assume any responsibility or liability for damage to property or physical injury to persons due to malfunction of Member-Generator's System or Member-Generator's negligence.

This Application and Agreement is approved by:

Cooperative Representative Name and Title (print): _____

Signature of Cooperative Representative: _____

Date: _____

[G & T Cooperative] Representative Name and Title (print): _____

Signature [G & T Cooperative] Representative: _____

Date: _____

AECI Representative Name and Title (print): _____

Signature AECI Representative: _____

Date: _____

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