

Application for Member - Owned Distribution Generation

This application is for the interconnection and net-metering of solar PV systems sized 10kW dc or less, and must be completed and returned to the Cooperative to begin processing. The complete Interconnection 100.51 and Net-Metering 100.50 policies can be found on our website at recc.coop. Agreements covering these policies must be signed and submitted before receiving final approval. For additional information, contact Jeff Lancaster, Chris Bridges, or Nick Hays at (217) 438 - 6197.

Member / Owner Information

Name : _____ Account #: _____
 Address: _____ County: _____
 City: _____ State: _____ Zip Code: _____
 Phone #: _____ Email: _____

Installer / Electrical Contractor

Company: _____ License/Reg. #: _____
 Address: _____ Contact Name: _____
 City: _____ State: _____ Zip Code: _____
 Phone #: _____ Email: _____

Facilities: Equipment specifications, component location, and generation capacity

Total AC Load kW _____ Residential _____ Commercial _____
 Total DC Watts _____ Panel Watts _____ Total Panels _____
 Inverter kW Rating _____ Manufacturer _____ Annual kW _____
 Location of Array _____ UL Listed _____ Start Date _____

Draw a one-line diagram showing arrays, inverter, disconnect, and cooperative meter

Exhibit A: Point of Interconnection

Attach specification sheets with UL listings for inverter & panels listed on application

I have fully read, understand, and accept all provisions, terms and conditions set forth in Rural Electric Convenience Cooperative Policy 100.50 – Net Metering: Eligible Member Generated Electricity and Policy 100:51 – Interconnection and Parallel Operations of Distributed Generation. I also agree to pay the \$500 non-refundable fee to the Cooperative prior to accepting this application.

Member Signature: _____ Date: _____

Checklist to be completed by Rural Electric Convenience Cooperative

Hard Copy PDF Date Received: _____ Map# ____ _

Application Review

- Verify eligibility and system less than 10 kW (dc)
- UL listed documentation for inverter & panels
- Approval of application and notify to proceed

Net-Metering Set Up & Compatibility

- Generate service order for all meter changes
- Program meter to record net-metering readings
- Remove any incentive meters (grain or dual meters)

Inspection & On-site Visit

- Verify installed equipment matches application
- Count all panels and calculate total watts (dc)
- Take photos of system and all components
- Accessible disconnect which locks visibly open
- Placards attached to disconnect and RECC meter
- Complies with Policies 100.50 and 100.51

Contracts & Record Keeping

- Member signed interconnection & net metering agreements
- Insurance requirement of \$1,000,000 documented
- \$500.00 for application, inspection, and meter reprogram paid
- Authorization to Energize form filled out and signed by member
- Sign hard copy documents or sign & send electronic version
- Received resubmitted PDF file as one complete document
- Notify billing when system is approved for net-metering
- Submit completed service orders to be closed and documented
- Agreements, specs, insurance, and check submitted to vault
- Update Solar Database and email copies to staff members
- Notify installer/member when system can generate power
- Sign and send Authorization to Energize document to member

Checklist Completed By: _____ Date: _____

**AGREEMENT FOR INTERCONNECTION AND PARALLEL
OPERATION OF DISTRIBUTED GENERATION UNDER 10KW**

DATE OF AGREEMENT: _____

Rural Electric Convenience Cooperative hereinafter “Cooperative”

_____ hereinafter “Member”

This Agreement for Interconnection and Parallel Operation of Distributed Generation (hereinafter “Agreement”) is made and entered the date indicated above between Rural Electric Convenience Cooperative, (hereinafter referred to as “Cooperative”), an electric cooperative organized under the laws of the State of Illinois, and _____, (hereinafter referred to as “Member”), a member/owner of the Cooperative presently receiving electric service from Cooperative, each hereinafter sometimes referred to individually as “Party” or both referred to collectively as the “Parties”.

In consideration of the mutual covenants set forth herein, and other good and valuable consideration, the sufficiency and receipt thereof is hereby acknowledged, the Parties agree as follows:

1. Scope of Agreement – This Agreement addresses the conditions under which the Cooperative and Member agree that one or more generating facilities (herein “distributed generation” and more particularly described in the Application for Member-Owned Distribution Generation, which is owned and/or operated by Member with a nameplate capacity of 10 KW (dc) or less, can be interconnected at 120/240(V) or less (collectively hereinafter sometimes referred to as the “Facilities” to the Cooperative’s electric power distribution system (hereinafter sometimes referred to as the “System”). This Agreement shall not entitle the Member to electric service beyond the terms of a separate membership agreement for service and to the Cooperative’s rules, policies, regulations, by-laws and rates (hereinafter collectively “Requirements”).

2. Establishment of Point of Interconnection –Cooperative and Member agree to interconnect the Facilities at the location(s) specified in Exhibit A “Point of Interconnection” detailed in the Application for Member - Owned Distribution Generation in accordance with the terms of the Cooperative’s policy on Interconnection and Parallel Operation of Distributed Generation and the Institute of Electrical and Electronic Engineers (IEEE) Standards 1547, 1547.1 and UL Standard 1741.

3. Responsibilities of Cooperative and Member for Installation, Operation and Maintenance of Facilities – Member will, at member’s cost and expense, install, operate, maintain, repair, and inspect, and shall be fully responsible for its facilities and interconnection facilities specified in the Application for Member-Owned Distribution Generation. Member shall conduct operations of its facilities and interconnection facilities in compliance with all aspects of the cooperative’s requirements and in accordance with industry standards and prudent engineering practice. Maintenance of facilities and interconnection facilities shall be performed in accordance with the applicable manufacturers’ recommended maintenance schedule. Member agrees to cause its facilities and interconnection facilities to be constructed in accordance with Policy 100.51 Interconnection and Parallel Operation of Distributed Generation. The Cooperative shall have the right to inspect and require changes prior to energizing. Phase, frequency and voltage of the member’s interconnected generation shall be compatible with that provided by the cooperative.

Member shall comply with all applicable Federal, State and local laws, regulations, zoning codes, building codes, safety rules and environmental restrictions applicable to the design, installation, operation and maintenance of its facilities and interconnection facilities.

The Cooperative will notify Member if there is evidence that the facilities’ or interconnection facilities’ operation causes disturbance, disruption or deterioration of service to other members served from the System or if the facilities’ or interconnection facilities’ operation causes damage to the System. If this condition persists, the Cooperative shall have the right to disconnect Member from the System. Member will notify the Cooperative of any emergency or hazardous condition or occurrence with Member’s facilities or interconnection facilities which could affect safe operation of the System.

4. Operator in Charge – Member shall provide a phone number and address of an individual contact person with knowledge of this agreement, familiar with the installation, maintenance and operation of the interconnection facilities and with the authority to disconnect the facility from the system in the event the cooperative requires doing so.

5. No Power Sales to Cooperative - Interconnection of the Facilities with the System does not grant Member the right to export power nor does it constitute an agreement by the Cooperative to purchase or wheel power. Purchase of excess facility capacity is governed by the Cooperative's Net Metering and Cooperative Purchase of Excess Member Owned Generation Capacity.

6. Limitation of Liability and Indemnification

a. Notwithstanding any other provision in this Agreement, with respect to the Cooperative's provision of electric service to Member and the services provided by the Cooperative pursuant to this Agreement, Cooperative's liability to Member shall be limited as set forth in the Cooperative's rules, bylaws, policies, contracts, and terms and conditions for electric service, which are incorporated herein by reference, and in no event shall the Cooperative be liable for loss of profit, loss of operation time, or loss of or reduction in use of any facilities or any portion thereof, increased expense of construction, operation or maintenance, or for any special, indirect, incidental, or consequential damages resulting from the construction, operation or maintenance of the member's facility.

b. For the purposes of this Agreement, a Force Majeure event is any event beyond the reasonable control of the affected party that the affected party is unable to prevent or provide against by exercising reasonable diligence this includes but is not limited to public disorder, rebellion or insurrection, floods, hurricanes, earthquakes, lightning, storms or other natural calamities, explosions or fires, strikes, work stoppages or labor disputes, embargoes, and sabotage. If a Force Majeure event prevents a party from fulfilling any obligations under this Agreement, such party will promptly notify the other party in writing and will keep the other party informed on a continuing basis as to the scope and duration of the Force Majeure event. The affected party will specify the circumstances of the Force Majeure event, its expected duration and the steps that the affected party is taking to mitigate the effect of the event on its performance. The affected party will be entitled to suspend or modify its performance of obligations under this Agreement but will use reasonable efforts to resume its performance as soon as possible.

c. Member shall be responsible for the safe installation, maintenance, repair and condition of lines, wires, switches, or other equipment or property on its side of the point of interconnection. The Cooperative does not assume any duty of inspecting Member's lines, wires, switches, or other equipment or property and will not be responsible therefore. Member assumes all responsibility for the electric service supplied hereunder and the facilities used in connection therewith at or beyond the point of interconnection.

7. Testing and Testing Records – Member shall perform or cause to be performed such tests as the Cooperative may reasonably require and shall provide to the Cooperative all records of testing. Testing of protection systems shall comply with existing industry standards and practices. These records shall include testing at the start of operation and periodic testing thereafter. Factory testing of pre-packaged interconnection facilities and the protective systems of small units shall be acceptable in the absence of reasonable grounds for additional testing. In the case of a factory test, Member shall provide a written description and certification by the factory of the test, the test results, and the qualification of any independent testing laboratory. In addition, Member shall obtain approval by the Cooperative of the settings of the equipment being installed prior to operation.

8. Right of Access, Equipment Installation, Removal & Inspection – The Cooperative shall have free access to the member's small generation facility and interconnection equipment at all times to monitor operation of the member's equipment, cooperative-supplied service equipment connected to such system, or to disconnect for good cause, without prior notice to the member, member's equipment from the cooperative's distribution system.

The Cooperative shall also have access to Member's premises and to operational records for any reasonable purpose in connection with the interconnection described in this Agreement, the Requirements, or to provide service to its members.

9. Disconnection of Facilities – Member retains the option to disconnect its facilities from the System, provided that Member notifies the Cooperative of the member's intent to disconnect by giving the Cooperative at least thirty (30) days' prior written notice. Such disconnection shall not be a termination of this Agreement unless Member exercises rights under Section 12 that do not lead to a resolution of the issue.

Member shall disconnect Facilities from the System upon the effective date of any termination resulting from and required by actions under Section 12.

The Cooperative may disconnect the electric generation facilities from its system whenever, in the sole opinion of the cooperative, such action is required by an emergency, for reasons of safety or due to interference with service to other members. The facility shall also be subject to the cooperative's requirements for maintaining voltage standards of output and the production of reactive power.

10. Metering – The Cooperative shall be reimbursed for all costs of interconnection, including all carrying and metering costs, incurred by the Cooperative in connecting the member generation facility to the distribution system. Metering shall meet accuracy standards required for equivalent electrical services and can be accomplished with standard meters or any devices that meet data collection and accuracy requirements.

11. Insurance – Throughout the term of this agreement, Member shall carry a liability insurance policy issued by a licensed insurance carrier with an A. M. Best rating of B+ or better that provides protection against claims for damages resulting from (i) bodily injury, including wrongful death; and (ii) property damage arising out of the member's ownership and/or operation of the DG Facility under this agreement. The limits of such policy for a small generation facility shall be at least \$1,000,000 per occurrence. The member shall provide a certificate of insurance containing a minimum 30 day notice of cancellation to the Cooperative prior to connection of the member's facility to the Cooperative system.

As an alternative to providing insurance coverage, the member may choose to self insure by providing proof of financial responsibility satisfactory to the cooperative and agrees to indemnify the cooperative, its officers, agents, and employees against all loss, damage, expense and liability to any persons, including members, for injury to or death of persons or injury to property, including but not limited to consequential damages, interest, punitive damages, member's fees and court costs, proximately caused by the indemnifying party's construction, ownership, interconnection, operation, or maintenance of, or by failure of, any of such member's works or facilities used in connection with the operation of the generating facility.

12. Effective Term and Termination Rights – This Agreement becomes effective when executed by both Parties and shall continue in effect until terminated. This Agreement may be terminated as follows: (a) Member may terminate this Agreement at any time by giving the Cooperative at least sixty (60) days' written notice; (b) Cooperative may terminate upon failure by Member to generate energy from the Facilities within six (6) months after completion of the interconnection; (c) either Party may terminate 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 the Agreement or the Rules or any rate schedule, regulation, contract, or policy of the Cooperative, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) Cooperative may terminate by giving Member at least sixty (60) days notice in the event that there is a material change in an applicable law, or any change in policy or procedure pertaining to distributed generation by the Cooperative's wholesale electric supplier or requirement of any transmission utility, independent

system operator or regional transmission organization having responsibility for the operation of any part of the System; (e) Cooperative may terminate this Agreement upon three (3) business days notice in the event Member ceases to receive electric service from Cooperative or is in default of terms or conditions for electric service; in the event that a Party (i) makes a general assignment or arrangement for the benefit or creditors; (ii) commences an action or proceeding under any bankruptcy, insolvency or similar law for the protection of debtors or creditors, or has commenced against it any such action or proceeding which is not withdrawn or dismissed within thirty (30) days; (iii) otherwise is adjudicated a debtor in bankruptcy or insolvent; (iv) is unable (or admits in writing its inability) generally to pay its debts as they become due; (v) is dissolved or has a resolution passed for its winding-up or liquidation (other than pursuant to a consolidation, acquisition or merger); (vi) seeks or becomes subject to the appointment of an administrator, assignee, conservator, receiver, trustee or similar official for substantially all of its assets; (vii) has a secured party take possession of all or substantially all of its assets or has all, or has substantially all of its assets become subject to an attachment, execution, levy, sequestration or other legal process which is not dismissed, discharged, stayed or restrained within thirty (30) days; (viii) causes or is subject to any event that has an effect analogous to any of the events enumerated in clauses (i) through (vii); or (ix) takes any action in furtherance of, or indicates its consent to, approval of, or acquiescence in any of the foregoing acts or events; then, in such event, this Agreement shall terminate automatically without notice and without any other action by either Party.

13. Compliance with Laws, Rules and Regulations– Member shall be responsible for complying with all federal, state and local laws. In the event Member's facilities, interconnection or disposition of electricity generated by the distributed generation are, or become, subject to Federal, State or local regulation, Member is, and shall be, responsible for regulatory compliance. The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the Rules and the Cooperative's policies governing interconnection of distributed generation. The Cooperative reserves the right to change the Rules and policies at any time.

14. Severability – If any portion or provision of this Agreement is held or adjudged for any reason 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 Agreement, shall remain in full force and effect.

15. Amendment – This Agreement may be amended only upon mutual agreement of the Parties, which amendment will not be effective until reduced to writing and executed by the Parties.

16. Entirety of Agreement – This Agreement, including the requirements contained in the attached Exhibits and Facilities Schedules, which are expressly made a part hereof for all purposes, constitutes the entire agreement and understanding between the Parties with regard to the interconnection of the facilities of the Parties at the Points of Interconnection expressly provided for in this Agreement. The Parties are not bound by or liable for any statement, representation, promise, inducement, understanding, or undertaking of any kind or nature (whether written or oral) with regard to the subject matter hereof not set forth or provided for herein or in Member’s application, or other written information provided by the Member in compliance with these requirements.

17. Assignment – This Agreement may be assigned to a party receiving electric service from the Cooperative at the site of the Facilities only upon the express written consent of the Cooperative. The assignee will be responsible for the proper operation and maintenance of the Facilities, and must agree in writing to be subject to all provisions of this Agreement. Cooperative may assign the Agreement to another entity with the written approval of Member. Required consents shall not be withheld unreasonably.

18. Notices – Notices given under this Agreement are deemed to have been duly delivered once received by United States certified mail, return receipt requested, postage prepaid, to:

*Rural Electric Convenience Cooperative
P.O. Box 19
Auburn, IL 62615*

Member Name and Address

The above-listed names, titles, and addresses of either Party may be changed by written notification to the other.

19. Invoicing and Payment – Invoicing and payment terms for services associated with this Agreement shall be consistent with applicable cooperative policies.

20. No PURPA Interconnection – The parties agree that the member’s facility is not a qualifying small power production facility or qualifying cogeneration facility as defined in the Public Utility Regulatory Policies Act of 1978 and that nothing herein confers any rights or obligations on either party by application of that Act.

21. No Third-Party Beneficiaries – This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations herein assumed are solely for the use and benefit of the Parties.

22. Waiver - The failure of either party to insist, on any occasion, upon strict performance of any provision of this Agreement will not be considered to waive the obligations, rights or duties of the provisions in this Agreement.

23. Governing Law and Jurisdiction – It is agreed that this Agreement shall be construed and governed in accordance with the laws of the State of Illinois and that the circuit court of Sangamon county has jurisdiction on all matters relating to the enforcement of this Agreement.

24. In the event of a dispute, either party shall provide the other Party with a written Notice of Dispute describing in detail the nature of the dispute. If the dispute has not been resolved within two Business Days after receipt of the Notice, either Party may request assistance from a reputable dispute resolution service for assistance in resolving the dispute. The service will select an appropriate dispute resolution venue, (e.g., mediation, settlement judge, early neutral evaluation, or technical expert) to assist the Parties in resolving their dispute. Each party agrees to conduct all negotiations in good faith and will be responsible for one-half of any costs paid to neutral third-parties utilized in the attempt to resolve the dispute. If neither party elects to seek assistance from a dispute resolution service, or if the attempted dispute resolution fails, then either Party may exercise whatever rights and remedies it may have in equity or law consistent with the terms of this agreement and the rules and policies of the Cooperative.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be signed by their duly authorized representatives.

Rural Electric Convenience Cooperative

Member Signature

BY: _____

TITLE _____

AGREEMENT FOR PHOTOVOLTAIC SYSTEM UNDER 10 KW METERING: ELIGIBLE MEMBER GENERATED ELECTRICITY

1. DEFINITIONS

Eligible Renewable Electrical Generating Facility (EREGF) means a generator powered by photovoltaic (PV) electric energy. For purposes of this agreement and policy 100.50, an EREGF must have a nameplate rating of 10 kW (dc) or less.

An Eligible Cooperative member is entitled to only one net metering facility per membership number. Eligible Cooperative Member means a cooperative member that owns and operates an EREGF with a rated capacity of not more than 10 kilowatts (dc) that is located on the member's premise. The EREGF is intended only to offset the member's own electrical requirements for use on the member's premise. A premise means any location defined by a property Tax ID Number.

Net Electricity Metering (or "net metering") means the measurement, during the billing period applicable to an eligible member, of the net amount of electricity supplied by the cooperative to the member's premises or provided to the cooperative by the member.

Nameplate Rating is measured at the source of the EREGF, NOT at the inverter output. For example, the maximum cumulative electricity production capability of an EREGF, specified in kilowatts, as stated on the device(s) placards or nameplates or in the manufacturer's specifications.

2. APPLICABILITY

This net metering agreement and policy 100.50 applies to eligible cooperative members and on their premise that choose to interconnect their eligible renewable electrical generating facilities with the cooperative's distribution system and operate same in parallel with the cooperative system.

3. PROVISIONS

- A. The eligible cooperative member shall first comply with the provisions of the Cooperative's Policy 100.51 Interconnection and Parallel Operation of Distributed Generation.
- B. The cooperative will install and maintain metering equipment capable of measuring the flow of electricity both into and out of the customer's facility at the same rate and ratio. If member's existing meter is not capable of meeting this requirement, the cost of installing and maintaining same shall be paid by the member.
- C. Member will not be eligible for any sub meter rates or incentive programs after installation of EREGF system.
- D. For EREGFs with a nameplate rating of 10 kW (dc) and below, the cooperative shall measure and charge or credit for the net electricity supplied to eligible cooperative members or provided by eligible cooperative members as follows:

1. If the amount of electricity used by the member during the billing period exceeds the amount of electricity produced by the member, the cooperative shall charge the member for the net electricity supplied to and used by the member at the retail rates the member would be charged if not a net metering member.
 2. If the amount of electricity produced by a member during the billing period exceeds the amount of electricity used by the member during that billing period, the cooperative will apply a 1:1 kilowatt-hour credit to a subsequent bill for service to the member for the net electricity supplied to the cooperative. The cooperative shall continue to carry over any excess kilowatt-hour credits earned and apply those credits to subsequent billing periods to offset any member-generator consumption in those billing periods until the earlier of the date upon which all credits are used or until the end of the calendar quarter year in which such credit was earned i.e. credits earned shall not be carried beyond the end of the calendar quarter in which such credit was earned.
 3. At the end of the calendar quarter year that service is supplied by means of net metering, or in the event that the member terminates service with the cooperative during a calendar quarter year period, any remaining credits in the member's account shall expire.
 4. An eligible member remains responsible for all taxes, fees, and applicable non-electric energy-based charges, for example facilities charges, security light charges or other fixed charges.
- E. All renewable energy credits, greenhouse gas emission credits and renewable energy attributes related to any electricity produced by the EREGF and purchased by the cooperative shall be treated as owned by the eligible member.
- F. The cooperative shall provide net metering to eligible members until total load of all its net metering members with installed EREGF including pending applications to install EREGF equals 3% of the total cooperative system peak demand supplied by the cooperative during the previous calendar year. The cooperative reserves the right to modify such limitation upon installation of EREGF by its members.
- G. This policy is subject to all federal, state and local laws, the cooperative's articles of incorporation, bylaws and existing policies and the terms and conditions of the cooperative's existing power supply contracts and loan agreements. To the extent any provision of this policy conflicts with those obligations, the provisions of the policy are deemed null and void.

IN WITNESS, WHEREOF, the Parties have caused this Agreement to be signed by their duly authorized representatives.

Rural Electric Convenience Cooperative

Member Signature

BY: _____

TITLE: _____

DATE: _____

Authorization to Energize Distribution Generation (DG)

Your request to interconnect the _____kW (dc) _____kW (ac) Photovoltaic (PV) system with Rural Electric Convenience Cooperative (RECC) has been approved.

The PV equipment installed at your residence was inspected and met the requirements outlined in the Cooperative's interconnection policy. As an RECC member, you are hereby authorized to energize the above PV equipment.

This Authorization to Energize applies exclusively to the DG Facility owned by the Member _____, located at _____, and which will be provided electric service by RECC.

The undersigned Member/Owner has executed an agreement for Interconnection and Parallel Operation of Distributed Generation and has paid in full any initial setup costs cost or fees stipulated in the interconnection construction agreement.

The Member has provided documentation of liability insurance and agreed to continue specified coverage while DG Facility is interconnected. Member shall provide RECC with a certificate of insurance containing 30 day notice of cancelation.

The signatures on this Authorization to Energize is a representation that the above DG Facility is ready and able to be safely energized and safely undertake Parallel Operations with the Cooperative's electric system.

Rural Electric Convenience Cooperative

Member Signature

BY: _____

DATE: _____

DATE: _____