

**LEVEL 2**  
**Application For Interconnection And Net Metering**

*Use this Application form when generating facility is not inverter-based or is not certified by a nationally recognized testing laboratory to meet the requirements of UL 1741 or does not meet any of the additional requirements under Level 1.*

Submit this Application along with application fee of \$100 to: Meade County Rural Electric Cooperative Corporation  
PO Box 489  
1351 Highway 79  
Brandenburg KY 40108

If you have questions regarding this Application or its status, contact the Cooperative at: 270-422-2162 (Phone)  
270-422-4705 (Fax)  
[webmaster@mccecc.com](mailto:webmaster@mccecc.com)

Customer Name: \_\_\_\_\_ Account Number: \_\_\_\_\_

Customer Address: \_\_\_\_\_

Project Contact Person: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Email Address (Optional): \_\_\_\_\_

Provide names and contact information for other contractors, installers, or engineering firms involved in the design and installation of the generating facilities:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Generating Capacity of Generating Facility: \_\_\_\_\_

Type of Generator:    Inverter-Based    Synchronous    Induction

Power Source:    Solar    Wind    Hydro    Biogas    Biomass

Adequate documentation and information must be submitted with this application to be considered complete. Typically this should include the following:

1.      Single-line diagram of the customer's system showing all electrical equipment from the generator to the point of interconnection with the Cooperative's distribution system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformers, current transformers, wire sizes, equipment ratings, and transformer connections.
2.      Control drawings for relays and breakers.
3.      Site Plans showing the physical location of major equipment.
4.      Relevant ratings of equipment. Transformer information should include capacity ratings, voltage ratings, winding arrangements, and impedance.
5.      If protective relays are used, settings applicable to the interconnection protection. If programmable relays are used, a description of how the relay is programmed to operate as applicable to interconnection protection.

6. A description of how the generator system will be operated including all modes of operation.
7. For inverters, the manufacturer name, model number, and AC power rating. For certified inverters, attach documentation showing that inverter is certified by a nationally recognized testing laboratory to meet the requirements of UL 1741.
8. For synchronous generators, manufacturer and model number, nameplate ratings, and impedance data ( $X_d$ ,  $X'_d$ , &  $X''_d$ ).
9. For induction generators, manufacturer and model number, nameplate ratings, and locked rotor current.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**LEVEL 2**  
**INTERCONNECTION AGREEMENT**

**THIS INTERCONNECTION AGREEMENT** (Agreement) is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_ (Meade County Rural Electric Cooperative Corporation), and \_\_\_\_\_ (Customer). Cooperative and Customer are hereinafter sometimes referred to individually as "Party" or collectively as "Parties".

**WITNESSETH:**

**WHEREAS**, Customer is installing, or has installed, generating equipment, controls, and protective relays and equipment (Generating Facility) used to interconnect and operate in parallel with Cooperative's electric system, which Generating Facility is more fully described in Exhibit A, attached hereto and incorporated herein by this Agreement, and as follows:

Location: \_\_\_\_\_

Generator Size and Type: \_\_\_\_\_

**NOW, THEREFORE**, in consideration thereof, Customer and Cooperative agree as follows:

Cooperative agrees to allow Customer to interconnect and operate the Generating Facility in parallel with the Cooperative's electric system and Customer agrees to abide by Cooperative's Net Metering Tariff and all the Terms and Conditions listed in this Agreement including any additional conditions listed in Exhibit A.

**Terms and Conditions:**

To interconnect to the Cooperative's distribution system, the Customer's generating facility shall comply with the following terms and conditions:

1. The Cooperative shall provide Customer net metering services, without charge for standard metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. If the Customer requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Customer's expense.
2. Customer shall install, operate, and maintain, at Customer's sole cost and expense, any control, protective, or other equipment on the Customer's system required by the Cooperative's technical interconnection requirements based on IEEE 1547, the NEC, accredited testing laboratories such as Underwriters Laboratories, and the manufacturer's suggested practices for safe, efficient, and reliable operation of the generating facility in parallel with Cooperative's electric system. Customer shall bear full responsibility for the installation, maintenance, and safe operation of the generating facility. Upon reasonable request from the Cooperative, Customer shall demonstrate generating facility compliance.
3. The generating facility shall comply with, and Customer shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by the Institute of Electrical and Electronics Engineers (IEEE) and accredited testing laboratories such as Underwriters Laboratories (UL); (b) the National Electrical Code (NEC) as may be revised from time to time; (c) Cooperative's rules, regulations, and Cooperative's Service Regulations as contained in Cooperative's Retail Electric Tariff as may be revised from time to time with the approval of the Kentucky Public Service Commission (Commission); (d) the rules and regulations of the Commission, as such rules and regulations may be revised from time to time by the Commission; and (e) all other applicable local, state, and federal codes and laws, as the same may be in effect from time to time. Where required by law, Customer shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.

4. Any changes or additions to the Cooperative's system required to accommodate the generating facility shall be considered excess facilities. Customer shall agree to pay Cooperative for actual costs incurred for all such excess facilities prior to construction.
5. Customer shall operate the generating facility in such a manner as not to cause undue fluctuations in voltage, intermittent load characteristics or otherwise interfere with the operation of Cooperative's electric system. At all times when the generating facility is being operated in parallel with Cooperative's electric system, Customer shall so operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Cooperative to any of its other customers or to any electric system interconnected with Cooperative's electric system. Customer shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Cooperative's ability to meet its primary responsibility of furnishing reasonably adequate service to its customers.
6. Customer shall be responsible for protecting, at Customer's sole cost and expense, the generating facility from any condition or disturbance on Cooperative's electric system, including, but not limited to, voltage sags or swells, system faults, outages, loss of a single phase of supply, equipment failures, and lightning or switching surges, except that the Cooperative shall be responsible for repair of damage caused to the generating facility resulting solely from the negligence or willful misconduct on the part of the Cooperative.
7. After initial installation, Cooperative shall have the right to inspect and/or witness commissioning tests, as specified in the Level 1 or Level 2 Application and approval process. Following the initial testing and inspection of the generating facility and upon reasonable advance notice to Customer, Cooperative shall have access at reasonable times to the generating facility to perform reasonable on-site inspections to verify that the installation, maintenance and operation of the generating facility comply with the requirements of this tariff.
8. For Level 2 generating facilities, where required by the Cooperative, an eligible Customer shall furnish and install on Customer's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Customer's energy generating equipment from Cooperative's electric service under the full rated conditions of the Customer's generating facility. The external disconnect switch (EDS) shall be located adjacent to Cooperative's meters or the location of the EDS shall be noted by placing a sticker on the meter and shall be of the visible break type in a metal enclosure which can be secured by a padlock. If the EDS is not located directly adjacent to the meter, the Customer shall be responsible for ensuring the location of the EDS is properly and legibly identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Cooperative personnel at all times. The Cooperative may waive the requirement for an EDS for a generating facility at its sole discretion, and on a case-by-case basis, upon review of the generating facility operating parameters and if permitted under the Cooperative's safety and operating protocols.

The Cooperative shall establish a training protocol for line workers on the location and use of the EDS, and shall require that the EDS be used when appropriate, and that the switch be turned back on once the disconnection is no longer necessary.

9. Cooperative shall have the right and authority at Cooperative's sole discretion to isolate the generating facility or require the Customer to discontinue operation of the generating facility if Cooperative believes that: (a) continued interconnection and parallel operation of the generating facility with Cooperative's electric system creates or contributes (or may create or contribute) to a system emergency on either Cooperative's or Customer's electric system; (b) the generating facility is not in compliance with the requirements of this tariff, and the noncompliance adversely affects the safety, reliability or power quality of Cooperative's electric system; or (c) the generating facility interferes with the operation of Cooperative's electric system. In non-emergency situations, Cooperative shall give Customer notice of noncompliance including a description of the specific noncompliance condition and allow Customer a reasonable time to cure the noncompliance prior to isolating the Generating Facilities. In emergency situations, where the Cooperative is unable to immediately isolate or cause the Customer to isolate only the generating facility, the Cooperative may isolate the Customer's entire facility.
10. Customer shall agree that, without the prior written permission from Cooperative, no changes shall be made to the generating facility as initially approved. Increases in generating facility capacity will require a new "Application for Interconnection and Net Metering" which will be evaluated on the same basis as any other new application. Repair and replacement of existing generating facility components not resulting in increases in generating facility capacity is allowed without approval.
11. To the extent permitted by law, the Customer shall protect, indemnify, and hold harmless the Cooperative and its directors, officers, employees, agents, representatives and contractors against and from all loss, claims, actions or suits, including costs and attorneys fees, for or on account of any injury or death of persons or damage to property caused by the Customer or the Customer's employees, agents, representatives and contractors in tampering with, repairing, maintaining, or operating the Customer's generating facility or any related equipment or any facilities owned by the Cooperative except where such injury, death or damage was caused or contributed to by the fault or negligence of the Cooperative or its employees, agents, representatives, or contractors.  
  
The liability of the Cooperative to the Customer for injury to person and property shall be governed by the tariff(s) for the class of service' under which the Customer is taking service.
12. The Customer shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy). Customer shall provide Cooperative with proof of such insurance at the time that application is made for net metering.
13. By entering into an Interconnection Agreement, or by inspection, if any, or by non-rejection, or by approval, or in any other way, Cooperative does not give any warranty, express or implied, as to the adequacy, safety, compliance with applicable codes or requirements, or as to any other characteristics, of the generating facility equipment, controls, and protective relays and equipment.
14. A Customer's generating facility is transferable to other persons or service locations only after notification to the Cooperative has been made and verification that the installation is in compliance with this tariff. Upon written notification that an approved generating facility is being transferred to another person, customer, or location, the Cooperative will verify that the installation is in compliance with this tariff and provide written notification to the customer(s) within 20 business days. If the installation is no longer in compliance with this tariff, the Cooperative will notify the Customer in writing and list what must be done to place the facility in compliance.
15. The Customer shall retain any and all Renewable Energy Credits (RECs) that may be generated by their generating facility.

**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) Customer 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 the Customer to continue ongoing operation of the generating facility; (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, tariff, 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) the Cooperative may terminate by giving the Customer at least thirty (30) days notice in the event that there is a material change in an applicable law, regulation, or statute affecting this Agreement or which renders the system out of compliance with the new law or statute.

**IN WITNESS WHEREOF**, the Parties have executed this Agreement, effective as of the date first above written.

**MEADE COUNTY RURAL ELECTRIC  
COOPERATIVE CORPORATION**

**CUSTOMER**

By: \_\_\_\_\_

By: \_\_\_\_\_

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title:

\_\_\_\_\_  
Title: