

FOR All Territory Served
Community, Town or City

P.S.C. KY. NO. 9

Original SHEET NO. 321.12

CANCELLING P.S.C. KY. NO. 5

Original SHEET NO. 108

Shelby Energy Cooperative, Inc.
(Name of Utility)

LEVEL 1

Application for Interconnection and Net Metering

Use this application form only for a generating facility that is inverter based and certified by a nationally recognized testing laboratory to meet the requirements of UL1741.

Submit this Application to: **Shelby Energy Cooperative, Inc.**
620 Old Finchville Rd
Shelbyville, KY 40065

If you have questions regarding this Application or its status, contact the Cooperative at:

(502) 633-4420 or (800) 292-6585 or by e-mail at shelbyenergy@shelbyenergy.com

Member Name: _____ Account Number: _____

Member Address: _____

Member PhoneNo.: _____ Member E-Mail Address: _____

Project Contact Person: _____

Phone No. _____ E-mail Address (Optional): _____

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

Energy Source: Solar Wind Hydro Biogas Biomass

Inverter Manufacturer and Model #: _____

Inverter Power Rating: _____ Inverter Voltage Rating: _____

Power Rating of Energy Source (i.e., solar panels, wind turbine): _____

Is Battery Storage Used: No Yes If Yes, Battery Power Rating: _____

DATE OF ISSUE January 5, 2016
Month / Date / Year

DATE EFFECTIVE February 5, 2016
Month / Date / Year

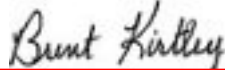
ISSUED BY 
(Signature of Officer)

TITLE President & CEO

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO. _____ DATED _____

KENTUCKY
PUBLIC SERVICE COMMISSION

JEFF R. DEROUEN
EXECUTIVE DIRECTOR

TARIFF BRANCH


EFFECTIVE
2/5/2016
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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Shelby Energy Cooperative, Inc.
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Attach documentation showing that inverter is certified by a nationally recognized testing laboratory to meet the requirements of UL 1741.

Attach site drawing or sketch showing locations of Cooperative's meter, energy source, Cooperative accessible disconnect switch and inverter.

Attach single line drawing showing all electrical equipment from the Cooperative's metering location to the energy source including switches, fuses, breakers, panels, transformers, inverters, energy source, wire size, equipment ratings, and transformer connections.

Expected Start-up Date: _____

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(Signature of Officer)

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KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH <i>Brent Kirtley</i>
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Original SHEET NO. 321.14

Shelby Energy Cooperative, Inc.
(Name of Utility)

CANCELLING P.S.C. KY. NO. 5

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TERMS AND CONDITIONS:

- 1) Shelby Energy Cooperative shall provide the Member 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 Member requests any additional meter or meters or distribution upgrades are needed to monitor the flow in each direction, such installations shall be at the Member's expense.

- 2) The Member shall install, operate, and maintain, at Member's sole cost and expense, any control, protective, or other equipment on the Member's system required by Shelby Energy 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 Shelby Energy Cooperative's electric system. The Member shall bear full responsibility for the installation, maintenance and safe operation of the generating facility. Upon reasonable request from Shelby Energy Cooperative, the Member shall demonstrate generating facility compliance.

- 3) The generating facility shall comply with, and the Member shall represent and warrant its compliance with: (a) any applicable safety and power quality standards established by IEEE and accredited testing laboratories such as Underwriters Laboratories; (b) the NEC as may be revised from time to time; (c) Shelby Energy Cooperative's rules, regulations, and Service Regulations as contained in Shelby Energy 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, Member shall pass an electrical inspection of the generating facility by a local authority having jurisdiction over the installation.

- 4) Any changes or additions to Shelby Energy Cooperative's system required to accommodate the generating facility shall be considered excess facilities. Member shall agree to pay Shelby Energy Cooperative for actual costs incurred for all such excess facilities prior to construction.

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Shelby Energy Cooperative, Inc.
(Name of Utility)

CANCELLING P.S.C. KY. NO. 5

Original SHEET NO. 111

- 5) The Member 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 Shelby Energy Cooperative's electric system. At all times when the generating facility is being operated in parallel with Shelby Energy Cooperative's electric system, the Member shall operate the generating facility in such a manner that no adverse impacts will be produced thereby to the service quality rendered by Shelby Energy Cooperative's to any of its other members or to any electric system interconnected with Shelby Energy Cooperative's electric system. The Member shall agree that the interconnection and operation of the generating facility is secondary to, and shall not interfere with, Shelby Energy Cooperative's ability to meet its primary responsibility of furnishing reasonably adequate service to its members.
- 6) The Member shall be responsible for protecting, at Member's sole cost and expense, the generating facility from any condition or disturbance on Shelby Energy 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 Shelby Energy 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 Shelby Energy Cooperative.
- 7) After initial installation, Shelby Energy 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 the Member, Shelby Energy 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 1 and 2 generating facilities, an eligible Member shall furnish and install on the Member's side of the point of common coupling a safety disconnect switch which shall be capable of fully disconnecting the Member's energy generating equipment from Shelby Energy Cooperative's electric service under the full rated conditions of the Member's generating facility. The external disconnect switch (EDS) shall be located adjacent to Shelby Energy 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 Member shall be responsible for ensuring that the location of the EDS is properly and legible

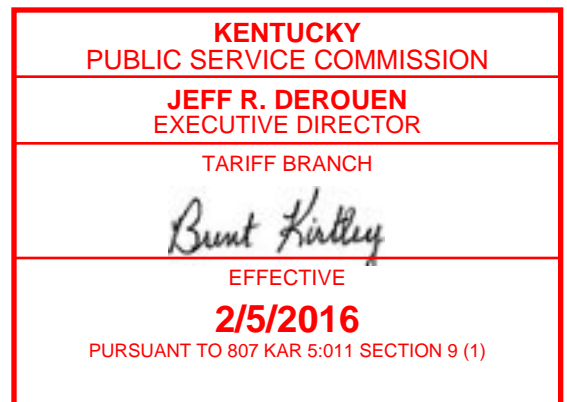
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Shelby Energy Cooperative, Inc.
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CANCELLING P.S.C. KY. NO. 5

 Original SHEET NO. 112

identified for so long as the generating facility is operational. The disconnect switch shall be accessible to Shelby Energy Cooperative personnel at all times. Shelby Energy 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 Shelby Energy Cooperative's safety and operating protocols.

- 9) Shelby Energy Cooperative shall have the right and authority at Shelby Energy Cooperative's sole discretion to isolate the generating facility or require the Member to discontinue operation of the generating facility if Shelby Energy Cooperative believes that: (a) continued interconnection and parallel operation of the generating facility with Shelby Energy Cooperative's electric system may create or contribute to a system emergency on either Shelby Energy Cooperative's or the Member'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 Shelby Energy Cooperative's electric system; or (c) the generating facility interferes with the operation of Shelby Energy Cooperative's electric system. In non-emergency situations, Shelby Energy Cooperative shall give the Member notice of noncompliance including a description of the specific noncompliance condition and allow the Member a reasonable time to cure the noncompliance prior to isolating the generating facilities. In emergency situations, when the Shelby Energy Cooperative is unable to immediately isolate or cause the Member to isolate only the generating facility, Shelby Energy Cooperative may isolate the Member's entire facility.
- 10) The Member shall agree that, without the prior written permission from Shelby Energy 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 with like components that meet UL 1741 certification requirements for Level 1 facilities and not resulting in increases in generating facility capacity is allowed without approval.

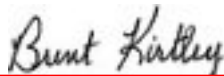
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Shelby Energy Cooperative, Inc.
(Name of Utility)

11) To the extent permitted by law, the Member shall protect, indemnify, and hold harmless Shelby Energy 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 Member or the Member's employees, agents, representatives and contractors in tampering with, repairing, maintaining, or operating the Member's generating facility or any related equipment or any facilities owned by Shelby Energy Cooperative except where such injury, death or damage was caused or contributed to by the fault or negligence of Shelby Energy Cooperative or its employees, agents, representatives, or contractors.

The liability of Shelby Energy Cooperative to the Member for injury to person and property shall be governed by the tariff(s) for the class of service under which the Member is taking service.

12) The Member shall maintain general liability insurance coverage (through a standard homeowner's, commercial, or other policy) for both Level 1 and Level 2 generating facilities. The Member shall, upon request, provide Shelby Energy 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, Shelby Energy 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 Member's generating facility is transferable to other persons or service locations only after notification to Shelby Energy 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, member, or location, Shelby Energy Cooperative will verify that the installation is in compliance with this tariff and provide written notification to the member(s) within 20 business days. If the installation is no longer in compliance with this tariff, Shelby Energy Cooperative will notify the Member in writing and list what must be done to place the facility in compliance.

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Shelby Energy Cooperative, Inc.
(Name of Utility)

CANCELLING P.S.C. KY. NO. 5

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15) The Member 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) The Member may terminate this Agreement at any time by giving Shelby Energy Cooperative at least sixty (60) days' written notice; (b) Shelby Energy Cooperative may terminate upon failure by the Member 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 Shelby Energy Cooperative, so long as the notice specifies the basis for termination and there is opportunity to cure the default; (d) Shelby Energy Cooperative may terminate by giving the Member 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.

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Shelby Energy Cooperative, Inc.
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CANCELLING P.S.C. KY. NO. 5

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I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true, and I agree to abide by all the Terms and Conditions included in this Application for Interconnection and Net Metering and Shelby Energy Cooperative's Net Metering Tariff.

Member Signature _____ Date _____

Title _____

COOPERATIVE APPROVAL SECTION

When signed below by a Cooperative representative, Application for Interconnection and Net Metering is approved subject to the provisions contained in this Application and as indicated below.

Cooperative inspection and witness test: Required Waived

If inspection and witness test is required, the Member shall notify the Cooperative within 3 business days of completion of the generating facility installation and schedule an inspection and witness test with the Cooperative to occur within 10 business days of completion of the generating facility installation or as otherwise agreed to by the Cooperative and the Member. Unless indicated below, the Member may not operate the generating facility until such inspection and witness test is successfully completed. Additionally, the Member may not operate the generating facility until all other terms and conditions in the Application have been met.

Call _____ to schedule an inspection and witness test.

Pre-Inspection operational testing not to exceed two hours: Allowed Not Allowed

If inspection and witness test is waived, operation of the generating facility may begin when installation is complete, and all other terms and conditions in the Application have been met.

Additions, Changes, or Clarifications to Application Information:

None As specified here: _____

Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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