

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

**ELECTRONIC INVESTIGATION OF
INTERCONNECTION AND NET METERING
GUIDELINES**

)
)
)

**CASE NO.
2020-00302**

CERTIFICATE

**STATE OF KENTUCKY)
)
COUNTY OF OWEN)**

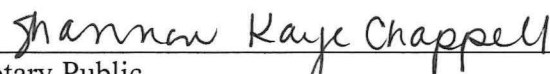
Andrew Long, being duly sworn, states that he has supervised the preparation of the response of Owen Electric Cooperative, Inc. to the Public Service Commission Staff's First Request for Information in the Appendix dated June 30, 2026, in the above-referenced case, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Witness my hand this 14 day of July, 2026



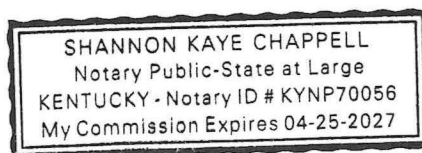
Andrew Long

Subscribed and sworn before me this 14th day of July, 2026



Notary Public

My Commission expires 4-25-27



OWEN ELECTRIC COOPERATIVE, INC.
PSC CASE NO. 2020-00302
ELECTRONIC INVESTIGATION OF INTERCONNECTION
AND NET METERING GUIDELINES
RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION
CONTAINED IN THE APPENDIX TO THE ORDER DATED JUNE 30, 2026

REQUEST 1

RESPONSIBLE PARTY: Andrew Long

Request 1: Refer to Case No. 2008-00169, *Development of Guidelines for Interconnection and Net Metering for Certain Generators with Capacity up to Thirty Kilowatts* (Ky. PSC Jun. 8, 2009), Appendix A.

a. Provide red-lined tariff sheets for any updates or changes made to the utility's tariff regarding the interconnection and net-metering guidelines since the implementation of such guidelines in Case No. 2008-00169.

b. Provide any safety or engineering requirements currently required or available to net metering and interconnection customers to help ensure safety and reliability that are not required under the Commission's Interconnection and Net Metering Guidelines.

c. Provide the current percent of cumulative capacity of the utility's single hour peak load during calendar year 2025. Explain how the utility calculated this percentage.

d. Provide the case number where each change or update was approved.

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REQUEST 1 (continued)

RESPONSIBLE PARTY: Andrew Long

Response 1a: Owen Electric Cooperative's red-lined tariff sheet 96 – Rate Schedule NM – Net Metering is included as page 3 of 3 of this response.

Response 1b: All safety and engineering requirements are contained in the application for interconnection.

Response 1c: Owen Electric Cooperative's current percentage of cumulative capacity of its single hour peak load for 2025 was 0.7193%. This was calculated by taking Owen Electric Cooperative's net metering capacity and dividing by its single hour peak load (which includes its entire load).

Response 1d: Case No. 2019-00440

Owen Electric Cooperative, Inc.

(Name of Utility)

FOR Entire Territory Served
Community, Town or City
P.S.C. KY. NO. 6
~~2nd1st~~ Revised SHEET NO. 96
CANCELLING P.S.C. KY. NO. 6
~~1st Revised~~ Original SHEET NO. 96

RULES AND REGULATIONS

RATES SCHEDULE NM—NET METERING

AVAILABILITY OF NET METERING SERVICE

Net Metering is available to eligible member-generators in Owen Electric Cooperative's service territory, upon request, and on a first-come, first-served basis up to a cumulative capacity of one percent (1%) of the Owen Electric Cooperative's single hour peak load during the previous year. If the cumulative generating capacity of net metering systems reaches 1% of a supplier's single hour peak load during the previous year, upon Commission approval, Owen Electric Cooperative's obligation to offer net metering to a new member-generator may be limited. An eligible member-generator shall mean a member retail electric member of Owen Electric Cooperative with a generating facility that:

- 1) Generates electricity using solar energy, wind energy, biomass or biogas energy, or hydro energy;
- 2) Has a rated capacity of not greater than ~~forty-five (45) thirty (30)~~ kilowatts;
- 3) Is located on the member's premises;
- 4) Is owned and operated by the member;
- 5) Is connected in parallel with Owen Electric Cooperative's electric distribution system; and
- 6) Has the primary purpose of supplying all or part of the member's own electricity requirements.

At its sole discretion, Owen Electric Cooperative may provide Net Metering to other member-generators not meeting all the conditions listed above on a case-by-case basis.

METERING

Owen Electric Cooperative shall provide net metering services, without any cost to the Member for metering equipment, through a standard kilowatt-hour metering system capable of measuring the flow of electricity in two (2) directions. This provision does not relieve Member of his or her responsibility to pay metering costs embedded in the Owen Electric Cooperative's Commission-approved base rates. Net metered electricity shall be measured in accordance with standard metering practices established by Owen Electric Cooperative using metering equipment capable of measuring and recording energy flows, on a kWh basis, from Owen Electric Cooperative to the member-generator and from the member-generator to Owen Electric Cooperative, with each directional energy flow recorded independently. If time-of-day or time-of-use metering is used, the electricity fed back to the electric grid by the member-generator shall be metered and accounted for at the specific time it is fed back to the electric grid in accordance with the time-of-day and time-of-use billing agreement currently in place.

Any additional meter, meters, or distribution upgrades needed to monitor the flow in each direction shall be installed at the Member's expense.

DATE OF ISSUE December 11, 2019 April 3, 2009
Month / Date / Year

DATE EFFECTIVE January 1, 2020 April 3, 2009
Month / Date / Year

ISSUED BY _____
(Signature of Officer)

TITLE Interim President/CEO
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

IN CASE NO. 2019-00440 2008-00169 Dated
December 9, 2019 January 8, 2009

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REQUEST 2

RESPONSIBLE PARTY: Andrew Long

Request 2: Describe how many net-metering and interconnection customers the utility has, including what type of generating facility and energy storage, if applicable, each customer has.

Response 2: Owen Electric Cooperative has 470 individual net-metering and interconnection agreement member installations; one wind installation, the remaining are solar, 38 of which have battery storage.

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REQUEST 3

RESPONSIBLE PARTY: Andrew Long

Request 3: Provide a breakdown of the approximate costs for the utility associated with interconnection for the past five years. In this response, separate the approximate costs associated with level 1 and level 2 applications.

Response 3: Owen Electric Cooperative does not track the cost for interconnection. However, Owen Electric Cooperative has made a high-level estimate for purposes of this response. Owen Electric Cooperative looked at the costs associated for equipment, overhead and labor for the net metering applications received and the costs would be somewhere between \$200 and \$300 per application. If the applicant then interconnects, Owen Electric Cooperative would also have lost revenues associated with that interconnection.

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REQUEST 4

RESPONSIBLE PARTY: Andrew Long

Request 4: Provide an overview of how the interconnection application and agreement process works. In this overview, explain approximately how long each step in the process takes, who is responsible for initiating each step of the process, when progress is communicated to the applicant, and what costs are associated with this process for the utility and applicants. Also explain, if a customer does not qualify or is ineligible during the review process, the protocols and considerations for coming to that determination and communicating that decision to the applicant.

Response 4: Please see Owen Electric Cooperative's tariff sheets 96 through 118.

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REQUEST 5

RESPONSIBLE PARTY: Andrew Long

Request 5: Explain whether the utility recovers in rates any expenses for the interconnection application process. If not, explain why.

Response 5: No, because this is a non-recurring expense and is completed as ordinary business. There are no recoverable expenses associated with a level 1 interconnection.

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REQUEST 6

RESPONSIBLE PARTY: Andrew Long

Request 6: Explain which IEEE Standard is currently applicable for purposes of interconnection. If IEEE Standard 1547-2018 is not currently applicable, explain the utilities' position for implementing IEEE Standard 1547-2018.

Response 6: In Owen Electric Cooperative's application IEEE Standard 1547 is referenced. It is understood that the current version of the standard is applicable.

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REQUEST 7

RESPONSIBLE PARTY: Andrew Long

Request 7: Explain the interconnection requirements if a customer does not qualify or is ineligible during the review process for a level one application; a level two application; and both levels.

Response 7: If a customer does not qualify, then that customer cannot interconnect.

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REQUEST 8

RESPONSIBLE PARTY: Andrew Long

Request 8: Explain how behind the meter battery energy storage resources are considered under the existing tariff for both net-metering and non-net metering customers.

Response 8: A battery storage system with solar is treated the same as an energy system without storage and total output capacity of inverter or combined solar/storage, whichever is lesser is used in modeling. There are no known battery only systems installed on Owen Electric Cooperative's system.

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REQUEST 9

RESPONSIBLE PARTY: Andrew Long

Request 9: Explain what safety and technical standards are used to safely and reliably integrate behind-the-meter battery energy storage resources. Explain, if applicable, what changes to software, communications, billing, and utility systems would need to change in order to accommodate third party DER-aggregation. If not applicable, explain why not.

Response 9: The safety and technical standard are the IEEE 1547 standard current version. Per PSC order 2012-00169, EKPC acts as the aggregator, and third-party aggregators are not allowed.