

WHEATLAND ELECTRIC COOPERATIVE, INC.

All Territory

Schedule 25 – PGS – R

Parallel Generation Service Rider

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AVAILABILITY

Service is available under this Parallel Generation Service Rider (Rider) at points on the Cooperative's delivery system for Customers that desire to interconnect a Distributed Energy System (DES) owned by the Customer to the Cooperative's delivery and metering system, that is designed to Export excess electrical power generated by the Customer's DES to the Cooperative's distribution system. This Listed device will be installed on the Customer's secondary system behind the Customer's active retail electric meter.

The Cooperative will make parallel generation service under this Rider available to Customers on a first-come, first-served basis until the Cooperative's aggregate Export capacity from all Distributed Energy Systems, including systems that are subject to this Rider and systems that are subject to the Cooperative's Net Metering Service Rider, equals or exceeds the following:

1. Commencing on July 1, 2025, 6% of the Cooperative's historic peak demand;
2. commencing on July 1, 2026, 7% of the Cooperative's historic peak demand; and
3. commencing on July 1, 2027, and each year thereafter, 8% of the Cooperative's historic peak demand.

Upon reaching any of the above-described limits, no further service shall be available under this Rider unless approved by the Cooperative.

Historic peak demand for the purpose of this Rider and the Net Metering Service Rider shall not include the additional demand of any new or expanded facility of an industrial, commercial or data center customer that receives electric service at a voltage of 34.5 kV or higher and commences service on or after July 1, 2025. The provisions of this subparagraph addressing Historic peak demand not including service of 34.5 kV or higher expires on July 1, 2026.

Customer may elect to change between this Rider and the Net Metering Rider if applicable and with approval from the Cooperative.

APPLICABILITY

This Rider is applicable to Distributed Energy Systems with a Cooperative-approved and signed interconnection agreement where the Customer is in good standing with the Cooperative and taking

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service under one of the Cooperative's normal rate schedules; provided, however, this Rider shall not be applicable to any Customer that has a new or expanded facility that receives electric service at a voltage of 34.5 kV or higher and commences service on or after July 1, 2025, unless approved by the Cooperative.

The Export capacity of a Customer's DES shall be appropriately sized to the Customer's anticipated electric load, calculated as follows:

1. Divide the Customer's historic consumption in kilowatt-hours for the previous 12-month period by 8,760 and divide such quotient by a capacity factor of 0.288. If the Customer does not have historic consumption data that adequately reflects the Customer's consumption at such premises, the Customer's historic consumption for the previous 12-month period shall be 7.15 kilowatt-hours per square foot of conditioned space; and
2. round the determined system size up to the nearest one kilowatt alternating current power increment and the resultant shall represent the highest nameplate alternating current capacity that the Customer is allowed to interconnect under this Rider for that service.

CHARACTER OF SERVICE

Alternating current, 60 cycles, at the voltage and phase of the Cooperative's established secondary distribution system immediately adjacent to the service location.

BILLING AND PAYMENT

The Cooperative shall render a bill for consumption at approximately 30-day intervals during its normal billing process. Billing by the Cooperative to the Customer shall be in accordance with its applicable rate schedule. For electrical energy delivered by the Customer to the Cooperative from the Distributed Energy System (DES), the Cooperative shall pay per kilowatt hour 100% of its Avoided Cost of purchased energy as a credit to the Customer's electric bill. If the Cooperative utilizes the Locational Marginal Price method to determine its Avoided Cost, the Cooperative may credit the Customer's bill on an annual basis. In no case will the Cooperative issue an invoice to the Customer for the energy Exported to the Cooperative by the customer's DES.

DEFINITIONS

1. **Avoided Cost** – means the incremental cost to the Cooperative of electric energy that it would

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generate itself or purchase from another source and as such term is interpreted by the Federal Energy Regulatory Commission from time to time. The Avoided Cost of energy delivered by the Customer to the Cooperative from the DES shall be: (i) the kilowatt hour rate derived from the cost of market energy and fuel purchases as billed to Cooperative pursuant to its wholesale power provider Energy Cost Adjustment for the period in which energy was delivered to the Cooperative; or (ii) the Locational Marginal Price as defined herein. The Cooperative shall have the discretion to determine which of the foregoing methods to apply.

2. Distributed Energy System (or DES) – means any device or assembly of devices and supporting facilities that are capable of feeding excess electric power generated by a customer's energy producing system into the Cooperative's system, such that all energy output and all other services will be fully consumed by the Customer or the Cooperative.
3. Export/Exported – means power that flows from a Customer's electrical system through such Customer's billing meter and onto the Cooperative's electricity lines. Export includes the sum of power on all phase conductors.
4. Locational Marginal Price – means the day-ahead hourly locational marginal price of alternating current energy per kilowatt hour in the Southwest Power Pool Integrated Marketplace established at the locational marginal pricing node of Cooperative's wholesale power provider and matched to the hourly energy exported by the Customer's DES, as calculated by Cooperative's wholesale power provider.
5. Witness Test – means a Cooperative representative who measures or verifies a specific setting or operational condition.
6. Permission to Operate – means the operational date of the Customer's listed Distributive Energy System (DES), as determined by the Cooperative.
7. Listed – means that the device or equipment has been tested and certified to meet the institute of electrical and electronics engineers safety standards that specifically pertain to the intended function of the device or equipment.

#### TERMS AND CONDITIONS

Service under this Rider is also subject to and rendered pursuant to the Cooperative's Small Generator Interconnection Procedures, the terms and conditions of the Interconnection Agreement between the Cooperative and the Customer, the Cooperative's Rules and Regulations, and to include:

1. No such Customer's DES shall cause damage to Cooperative's system or present an undue hazard to the Cooperative's personnel.

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2. Any DES Customer has the right to be on a retail rate schedule that is identical to the same class that the Customer is otherwise qualified.
  3. The Cooperative shall furnish, own and maintain, at its expense, all necessary meters and associated equipment utilized for billing.
  4. The Cooperative may install, at its expense, load research meters and equipment to monitor Customer generation and load. The Customer shall provide, at no expense to the Cooperative, a suitable location for such meters and equipment.
  5. The Cooperative has the right to require the Customer, at certain times, and as electrical operating conditions warrant, to limit the production of electrical energy from the generating facility of the DES to an amount no greater than the load at the Customer's facility of which the generating facility is a part.
  6. The Customer shall install, operate, and maintain in good order and repair, at the Customer's expense, a listed DES that is suitable for the operation of the Customer's DES in parallel with the Cooperative's system.
  7. The Cooperative may install a disconnecting device located near the electric meter or may require that a customer's DES contain a feature that may be accessed by the Cooperative at any time and would provide the ability to manually disconnect the Customer's DES from the Cooperative's electric distribution system.
  8. All interconnection facilities between the Customer's and the Cooperative's equipment shall be accessible at all reasonable times to the Cooperative's personnel.
  9. After Permission to Operate is provided, the Customer shall notify the Cooperative prior to the initial energizing and start-up testing of the Customer's DES.
  10. Prior to granting Permission to Operate, at its discretion, the Cooperative may require:
    - a. A Witness Test of the Customer's DES and interconnection facilities;
    - b. the Customer is to provide a certificate of inspection of its DES completed pursuant to any municipal ordinance or code requirements or a certification from an electrician or electrical engineer licensed in Kansas that the system is installed according to applicable codes and standards; and
    - c. the Customer to provide documentation that the Customer's DES was constructed and installed under the direction of a person who is certified by the north American board of certified energy practitioners or either a master electrician or electrical contractor licensed under the provisions of K.S.A. 12-1525 et seq., and amendments thereto.
  11. The Cooperative at its discretion may periodically require a Witness Test of the Customer's Distributive Energy System (DES) and interconnection facilities throughout the provision of parallel generation service.

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**Authority to Disconnect Parallel Generation Service**

1. The Cooperative shall have the authority to disconnect and isolate a Customer's DES without notice and at its sole discretion when:
  - a. Electric service to a Customer's premises is discontinued for any reason;
  - b. adverse electrical effects, such as power quality problems, are occurring or are believed to be occurring on the Cooperative's or the electrical equipment of another Cooperative customer;
  - c. hazardous conditions on the Cooperative's system are believed to be occurring as a result of the operation of the DES or protective equipment;
  - d. the Cooperative identifies uninspected or unapproved equipment or modifications to the DES after initial approval;
  - e. there is recurring abnormal operation, substandard operation or inadequate maintenance of the DES;
  - f. the Customer fails to remit payment to the Cooperative for any amounts owed, including, but not limited to, amounts invoiced;
  - g. the Customer does not comply with the obligations of the interconnection agreement, except that, if such noncompliance is not an emergency situation, the Cooperative shall give the customer 90 days to cure the noncompliance prior to disconnecting and isolating the DES; or
  - h. such disconnection is necessary due to emergency or maintenance purposes. In the event that the Cooperative disconnects the DES for maintenance, it shall make reasonable efforts to reconnect the DES as soon as practicable.
2. The Customer shall retain the authority to temporarily disconnect its DES from the Cooperative's system at any time. Any such temporary disconnection shall not be construed as the Customer's termination of the interconnection agreement without an express action to terminate such agreement pursuant to the terms and conditions of the agreement.
3. The Cooperative may also limit the export capacity of additional Distributive Energy Systems to be connected to the Cooperative's distribution system due to the capacity of the distribution line to which such DES will be connected.
4. The Cooperative shall not be required to make parallel generation service available to any customer who has a new or expanded facility that receives electric service at a voltage of 34.5 kilovolts or higher and commences such electric service on or after July 1, 2025. The provisions in this subparagraph 4 expires on July 1, 2026.

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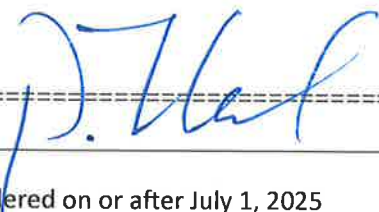
**Customer's Export-Limiting Device Obligations**

1. For any Customer with a Distributive Energy System (DES):
  - a. Shall own and maintain any necessary export-limiting device;
  - b. shall put in place protections to restrict the export-limiting device settings to qualified persons;
  - c. the Cooperative shall have the option to require a Witness Test of the export-limiting device's functions or settings prior to granting Permission to Operate and at any time while the Distributive Energy System (DES) is connected to the Cooperative's system;
  - d. the export capacity of the DES shall not be increased without prior approval of the Cooperative;
  - e. shall allow the Cooperative to perform periodic Witness Tests of the export-limiting device's functions or settings upon request;
  - f. if the export-limiting device's functions or settings are incorrect or if the device fails to limit the export of power below the designed export capacity for more than 15 minutes in any single event, the Customer shall cease operation of the system until repair or reprogramming of the export-limiting device is completed;
  - g. the Cooperative may require and conduct a Witness Test prior to authorizing the Customer to resume operation of the DES; and
  - h. the Cooperative shall not restrict the brand or model of the export-limiting device if the device is approved by the manufacturer of a Listed DES or is Listed to perform such operations in conjunction with the Customer's DES.

**Parallel Generation Service to Schools**

1. The governing body of any school desiring parallel generation service shall, prior to taking any action permitted under these rules and regulations, must make a finding that either:
  - a. Net energy cost savings will accrue to the school from such renewable generation over a 20-year period; or
  - b. that such renewable generation is a science project being conducted for educational purposes and that such project may not recoup the expenses of the project through energy cost savings.

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