

## **UTILITIES DISTRICT OF WESTERN INDIANA REMC**

### **SCHEDULE "WNM" WHOLESALE NET METERING RIDER**

#### **DEFINITION**

"Net Metering" means calculating the difference in an applicable billing period between: 1) the charges for the electricity supplied by the Cooperative to Member under their applicable rate schedule, and 2) the payment to the member for electricity generated by such Member that is delivered to the Cooperative.

#### **AVAILABILITY**

This Rider is available to any Member of the Utilities District of Western Indiana Cooperative (the "Cooperative") that is currently being billed under a singlephase rate schedule who has a qualified distributed generation system ("DG System") and who desire to interconnect such DG System with the Cooperative's distribution system.

In order to qualify for this Rate Schedule, the Member must meet the DG System Requirements and Interconnection Requirements specified below:

#### **TYPE OF SERVICE**

Service under this schedule shall be alternating current, sixty (60) Hertz, single phase at voltage of approximately 120/240 volts three wire, or other voltage as might be mutually agreed upon.

#### **BILLING**

The charges for the electricity supplied by the Cooperative to a qualifying Member shall be determined by the appropriate rate schedule for that service. The applicable wholesale power cost adjustment will be applied to all kWh sold.

The payment to the Member served for electricity generated by the Member that is delivered to the Cooperative shall be determined using a rate study that calculates the average avoided energy costs. For 2023, this number has been calculated as:

\$0.04951 per kWh

The Member's bill will be calculated by subtracting the payment to the Member from the Cooperative's charges to the Member. If the payment to the Member for energy

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purchased from the Member is greater than the Cooperative's charges for energy sold to the Member, the Member's bill for energy shall be zero and the Member shall be billed an amount equal to the Member charge for the current billing cycle with the difference credited to the Member's energy charges in subsequent billing cycles. When the Member discontinues Net Metering Rider service, any unused credit will revert to the Cooperative.

### **METERING**

If the existing Cooperative meter is capable of measuring electricity in both directions, it will be used for purposes of this Rider. If the existing Cooperative meter is not capable of measuring electricity in both directions, the Member will pay the incremental cost for the Cooperative to install a meter that is capable of measuring electricity in both directions. The Cooperative's Service Rules and Regulators Applicable to Electric Service will govern meter testing procedures. In addition, the Cooperative reserves the right to install, at its own expense, a meter to measure the output of the Member's generator.

### **GENERATOR SYSTEM REQUIREMENTS**

The Member's generator system must meet the following requirements:

1. The nameplate rating of Member's DG System must not be greater than 50 kW.
2. The generator system must be owned and operated by the Member and must be located on the Member's premises;
3. All single-phase motors or apparatuses with an inrush current in excess of 250 amps at 240 volts shall require Cooperative approval.
4. The Member's generator system must be intended primarily to offset part or all of the Member's requirements for electricity;
5. The generator system must operate in parallel with the Cooperative's distribution facilities; and
6. The generator system must satisfy the Interconnection Requirements as the same may be amended from time to time.

### **INTERCONNECTION REQUIREMENTS**

1. The Member shall comply with the Cooperative's technical interconnection requirements. The Cooperative's technical requirements consist of:
  - a) The current version of IEEE 1547, "IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems" (IEEE 1547). Inverter based systems listed by Underwriters Laboratories (UL) to UL Standard 1741 (UL 1741) are accepted by the Cooperative as meeting the technical requirements of IEEE 1547 tested by UL 1741.
  - b) Current version of ANSI/NFPA 70, "National Electrical Code" (NEC).
  - c) Any other applicable local building codes. The interconnection must be inspected by local code officials prior to its operation to ensure compliance with applicable local codes, and certification of said compliance provided to the Cooperative.
  - d) All other applicable safety and performance standards

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2. <Reserved for Insurance Requirements>Ask Buddenbaum
3. The Member's DG System when operated in parallel with the Cooperative's system must be designed and capable of immediately and automatically ceasing interconnected operation during any outages on the Cooperative's system and during other emergency or abnormal conditions as specified by applicable codes and standards. The Member must cease parallel operation of its DG System immediately upon notification by the Cooperative if such operation is deemed unsafe or interferes with the supply of service to others, or, interferes with system operation or maintenance. The Cooperative accepts no responsibility for damage or injury to any person or property caused by the failure of the Member to operate in compliance with the Cooperative's or any other requirements.
4. Conformance with these requirements does not convey any liability to the Cooperative for injuries or damages arising from the installation or operation of the generator system.
5. The Member shall execute the Cooperative's standard Net Metering Interconnection Application form and provide other information reasonably requested by the Cooperative for service under this Rider. The Cooperative shall require proof of qualified installation prior to acceptance and completion of the interconnection agreement. Certification by a licensed electrician shall constitute acceptable proof.
6. The cooperative shall provide the Member with written notice that it has received the Net Metering Interconnection Application and any supporting documents within 10 business days of receipt. The Member shall not begin parallel operations until the Member has received this written notice.

**TERMS AND CONDITIONS OF SERVICE**

1. The Member shall make such application and enter into such interconnection agreements as the Cooperative shall require from time to time.
2. Service under this schedule shall be limited to one meter for the same Member at the same location where the service can be adequately supplied from a single service. In the case of cogeneration, net metering or an additional meter may be necessary. The cost of the upgrade or second meter shall be at the expense of the Member and ownership will be by the Cooperative.
3. Any characteristic of the Member's DG System, including but not limited to generation and interconnection facilities, that degrades or otherwise compromises the quality of service provided to other Cooperative Members will not be permitted.
4. Service shall be provided based upon the Cooperative's rules and regulations on file at the Cooperative office as the same may be amended from time to time.
5. The Member shall agree that the Cooperative shall at all times have immediate access to the Member's metering, control, and protective equipment.
6. The Member shall install, operate and maintain the net metering facility in accordance with the manufacturer's suggested practices for safe, efficient and reliable operation in parallel with the Cooperative's system.

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7. The Cooperative may, at its own discretion, isolate any net metering facility if the Cooperative has reason to believe that continued interconnection with the net metering facility creates or contributes to a system emergency.
8. A disconnecting device must be located at the point of common coupling for all interconnections. The disconnecting device must be accessible to Cooperative personnel at all times and be suitable for use by the Cooperative as a protective tagging location. The disconnecting device shall have a visible open gap when in the open position and be capable of being locked in the open position. The cost and ownership of the main disconnect switch shall reside with the Member.
9. The Cooperative reserves the right to witness compliance testing at the time of installation and maintenance testing of the interconnection system for compliance with these conditions of service.
10. The Member is responsible for establishing a program for and performing periodic scheduled maintenance on the net metering facility's interconnection system (relays, interrupting devices, control schemes and batteries that involve the protection of the Cooperative's distribution system). A periodic maintenance program is to be established in accordance with the requirements of IEEE 1547. The Cooperative may examine copies of the periodic test reports or inspection logs associated with the periodic maintenance program. Upon the Cooperative's request, the Cooperative shall be informed of the next scheduled maintenance and be able to witness the maintenance performed and any associated testing.
11. The interconnection system hardware and software design requirements in the conditions of service are intended to assure protection of the Cooperative's distribution system. Any additional hardware and software necessary to protect equipment at the net metering facility is solely the responsibility of Member to determine, design and apply.
12. The Member agrees that the Cooperative shall not be liable for any damage to or breakdown of the Member's equipment operated in parallel with the Cooperative's electric system.
13. Failure of the Member to comply with any of these requirements shall result in disconnection of service to the Member from the Cooperative's system. The Cooperative will be under no obligation to reconnect the Member until the Member's DG System either complies with the requirements or is permanently disconnected from any parallel operation with Cooperative's system.
14. The Member shall agree to release, indemnify, and hold harmless the Cooperative from any and all claims for injury to persons or damage to property due to or in any way connected with the operation of Member-owned equipment and/or generators.

**SYSTEM MODIFICATIONS**

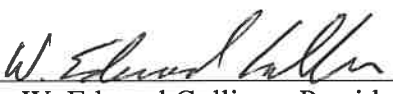
If it is necessary for the Cooperative to modify portions of its existing system to provide larger capacity facilities or metering to accommodate the purchase of electricity from the Member pursuant hereto, the Member will be responsible for the entire cost of said upgrades. Should system modification be necessary, the Cooperative, at the Member's expense, shall perform all work on the Cooperative's side of the meter.

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**APPLICATION**

The interpretation of, or the application by Cooperative of, all rates, rules and regulations included in its tariff or adopted by the Cooperative shall be subject to review and interpretation by the Board of Directors of the Cooperative.

Effective: April 1, 2023

Approved:   
W. Edward Cullison, President