

HENDRICKS POWER COOPERATIVE DISTRIBUTED GENERATION RIDER

DEFINITIONS

“Cooperative” means Hendricks County Rural Electric Membership Corporation, d/b/a Hendricks Power Cooperative.

“Distributed Generation” (DG) means electric energy generated from renewable generation sources.

“Renewable Generation Sources” (RGS) include solar, wind, biomass, geothermal or new hydroelectric generation capacity achieved from increased efficiency or additions of new capacity at an existing hydroelectric project.

AVAILABILITY

This rider is available to members of the Cooperative who are provided single-phase or three-phase electric service and who have DG on their premises with a nameplate rating up to 25 kW. Approval of DG systems larger than 25 kW will be considered on a case-by-case basis. To qualify for this Rider, the consumer must meet the Generator System Requirements and Interconnection Requirements specified below.

TYPE OF SERVICE

Alternating current, 60-cycle, single-phase or three-phase service at voltages offered for service by the Cooperative.

METERING & BILLING

The measurement of electricity supplied by the Cooperative and delivered to the Cooperative by the consumer under this rider shall be calculated in the following manner:

The Cooperative’s meter shall have forward and reverse kWh registers to measure electricity delivered by the Cooperative to the consumer and electricity generated by the consumer from their DG and delivered to the Cooperative during the billing period, in accordance with the Cooperative’s normal metering practices. The consumer shall be billed for each kWh delivered by the Cooperative during the billing period per the applicable residential or commercial rate schedule. The consumer will receive a DG energy credit for each kWh generated and delivered to the Cooperative during the billing period. The consumer shall remain responsible for all other energy, demand, power cost adjustment, and minimum monthly charges per the applicable residential or commercial rate schedule.

DG ENERGY CREDIT

Energy Credit:

Off Peak Credit:

\$(0.05475) per kWh

(12:00 am – 4:59 pm and 8:01 pm – 11:59 pm)

Includes weekends and the following holidays: New Year's Day, Memorial Day, 4th of July, Labor Day, Thanksgiving day and Christmas day.

On-Peak Credit:
(5:00 pm – 8:00 pm)
Monday - Friday

\$(0.130) per kWh

Excludes weekends and the following holidays: New Year's Day, Memorial Day, 4th of July, Labor Day, Thanksgiving day and Christmas day.

GENERATOR SYSTEM REQUIREMENTS

The consumer's DG must meet the following requirements:

1. The nameplate rating of consumer's generator system must be 25 kW or less unless a larger system has been approved.
2. The generator system must be owned and operated by the consumer and must be located on the consumer's premises.
3. The consumer's generator system must be intended primarily to offset part, or all, of the consumer's requirements for electricity.
4. The generator system must operate in parallel with the cooperative's distribution facilities.
5. The generator system must comply with the Interconnection Requirements specified below.

INTERCONNECTION REQUIREMENTS

The consumer's DG shall comply with the following:

1. Standards:
 - a. IEEE 1547-2018, "IEEE Standard for Interconnection & Interoperability of Distributed Energy Resources with Associated Electric Power Systems Interfaces" (IEEE 1547).
 - b. Current version of ANSI/NFPA 70, "National Electrical Code" (NEC).
 - c. Any other applicable local building codes.
2. Solar PV inverters will be smart inverters with voltage ride-through, frequency ride-through, and dynamic voltage support features. Inverter based systems listed by Underwriters Laboratories (UL) to UL Standard 1741 SA are accepted by the Cooperative as meeting the technical requirements of IEEE 1547 tested by UL 1741.
3. 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 maintenance of the main disconnect switch shall reside with the consumer.
4. The consumer shall execute the Cooperative's Application for Interconnection of Distributed Generation and provide other information reasonably requested by the Cooperative for service under this rate rider. The Cooperative shall require proof of qualified installation

prior to acceptance and completion of the interconnection application. Certification by a licensed and bonded electrician shall constitute acceptable proof.

TERMS AND CONDITIONS OF SERVICE

1. Refer to Terms and Conditions of Service as outlined in the Cooperative's Service Rules and Regulations.
2. The consumer shall provide proof of homeowners, commercial or other insurance providing coverage in the amount of at least \$1 million for the liability of the insured against loss arising out of the use of a DG. This coverage must be maintained, as long as the consumer's DG is interconnected with the Cooperative's distribution system. The consumer must provide a certificate of insurance for the same to the Cooperative annually.
3. Conformance with these requirements does not convey any liability to the Cooperative for injuries or damages arising from the installation or operation of the consumer's DG, interconnection facilities, or generator system.
4. Any characteristic of the consumer's DG or interconnection facilities that degrades or otherwise compromises the quality of service provided by the Cooperative to other consumers will not be permitted.
5. The consumer shall agree that the Cooperative shall always have immediate access to the consumer's metering, control, and protective equipment.
6. The consumer shall install, operate and maintain the DG and interconnection facilities in accordance with the manufacturer's suggested practices for safe, efficient and reliable operation in parallel with the Cooperative's system.
7. The Cooperative may, at its own discretion, isolate any DG if the Cooperative has reason to believe that continued interconnection with the DG creates or contributes to a system emergency.
8. The Cooperative reserves the right to have a representative present during compliance testing at the time of installation and maintenance testing of the interconnection system for compliance with these conditions of service.
9. The consumer is responsible for establishing a program for and performing annual periodic scheduled maintenance on the consumer's DG and interconnection facilities (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.
10. The interconnection system hardware and software design requirements are intended to assure protection of the Cooperative's distribution system. Any additional hardware and

software necessary to protect the Cooperative's distribution system and equipment is solely the responsibility of consumer to determine, design and apply.

11. The consumer agrees that the Cooperative shall not be liable for any damage to, or breakdown of the consumer's equipment operated in parallel with the Cooperative's electric system.
12. The consumer 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 consumer-owned generators and equipment.