

Flint Hills Rural Electric Cooperative Association, Inc.

Schedule CIR

Replacing Schedule New

All Territory

Which was issued N/A

(Territory to which schedule is applicable)

The cooperative's bylaws, rules and regulations are supplemental to this schedule and are incorporated herein.

Sheet 1 of 4

COMMERCIAL INTERCONNECTION RIDER

DEFINITIONS:

Cooperative:

The Flint Hills Rural Electric Cooperative Association, Inc., located at 1564 S 1000 Road, Council Grove, Kansas.

Customer-generator:

The Commercial or Industrial Member who owns or operates a qualified electric energy generation unit (generation unit) which:

- (a) Is powered by a "Qualifying Facility" for co-generation or small power production as defined in Subpart B of the Public Utility Regulatory Policies Act of 1978 (PURPA), and 18 CFR Part 292;
- (b) Is located on premises owned, operated, leased, or otherwise controlled by the Customer-generator;
- (c) Is interconnected and operates in parallel phase and synchronization with the Cooperative;
- (d) Is a large Commercial or Industrial account of the Cooperative.
- (e) Meets all applicable rules, regulations, statutes and other laws, and safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, or any jurisdictional governing authorities; and
- (f) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the supplier's electricity lines if service to the Customer-generator is interrupted.
- (g) Contains a mechanism that allows the Cooperative to limit production to an amount no greater than the load at the Customer-generator's generation unit of which the generation unit is a part.

Each meter connected under this Rider defines a Customer-generator. A generation unit owned or operated by a Customer-generator cannot be connected in common with any other meter or be deemed to be for the purpose of serving the load connected to any other meter. To the extent that the Customer-generator controls the generation unit and meets the requirements and accepts all the obligations of this Rider, the Customer-generator is not required to own the generation unit.

LIMITED AVAILABILITY:

Service is available to Customer-generators under this rider at points on the Cooperative's existing electric distribution system, located within its service area. This rider shall not be available for any electric service schedule allowing for resale. Service under this rider is not applicable to standby or resale electric service.

Issued Nov 18 2024
 Month Day Year

By _____
 Signature of Officer

Effective With bills rendered after Nov 1, 2024
 Month Day Year

Title Shawn Potts, President

Flint Hills Rural Electric Cooperative Association, Inc.	Schedule	Index No. _____ CIR
	Replacing Schedule	New
All Territory (Territory to which schedule is applicable)	Which was issued	N/A

The cooperative's bylaws, rules and regulations are supplemental to this schedule and are incorporated herein.

Sheet 2 of 4

APPLICABILITY:

This rider is applicable to Customer-generators with a Cooperative-approved interconnection agreement. This schedule is only applicable where the generation unit nameplate AC capacity of the Customer's generation unit exceeds 200 kW (large commercial and industrial accounts).

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 the Cooperative's normal billing interval. Billing by the Cooperative to the Customer-generator shall be in accordance with the applicable rate schedule.

1. For electrical energy delivered by the Customer-generator to the Cooperative from the Customer generator's generation unit the Cooperative shall pay a rate equal to the avoidable fuel and energy components of the Cooperative's wholesale Power Supplier (KEPCo). The exact value of the rate will be determined in each billing period from the actual avoided fuel and energy components in the Cooperative's most recent wholesale power bill. The total payment by the Cooperative to the Customer-generator for energy in any billing period shall not exceed the total amount of energy costs that are determined to have been avoided by the Cooperative because of the energy output of the Customer-generator's generation unit.

2. Calculation of Payments. Because the total amount of payments by the Cooperative to the Customer-generator in any billing period will depend on actual wholesale power bill components, the Cooperative will calculate and make payments for the output of the Customer-generator's generation unit in any billing period only after the Cooperative has received both:
 - a. All necessary information on the metered output of the Customer-generator's generation unit.

 - b. The wholesale power bill which coincides with the billing period for which the output of the Customer-generator's generation unit has been metered.

Any such amount shall be paid at least annually or as often as monthly when such amount is \$500 or more.

Issued	Nov	18	2024	By	
	Month	Day	Year		Signature of Officer
Effective	With bills rendered after Nov 1, 2024			Title	Shawn Potts, President
	Month	Day	Year		

		Index No. _____
Flint Hills Rural Electric Cooperative Association, Inc.	Schedule	CIR
All Territory	Replacing Schedule	New
(Territory to which schedule is applicable)	Which was issued	N/A

The cooperative's bylaws, rules and regulations are supplemental to this schedule and are incorporated herein.

Sheet 3 of 4

TERMS AND CONDITIONS:

1. **Metering.** The Cooperative will supply, own, and maintain at its expense all necessary meters and associated equipment utilized for billing, but may charge the Customer-generator for the cost of any additional metering necessary to accommodate the Customer-generator's generation unit. The Customer-generator shall supply, at no expense to the Cooperative, a suitable location for meters and associated equipment. Such equipment shall always be accessible to utility personnel.
2. **Export Limit.** The Cooperative shall have the right to limit, or to require the Customer-generator to limit, the production of electrical energy from the generation unit to an amount no greater than the load at the Customer-generator's generation unit of which the generation unit is a part, at certain times, and as electric operating conditions warrant.
3. **Protective Equipment.** The Customer-generator shall furnish, install, operate, and maintain in good order and repair without cost to the Cooperative such relays, locks and seals, breakers, automatic synchronizers, disconnecting devices, and other control and protective devices as shall be designated by the Cooperative as being required as suitable for the operation of the generation unit in parallel with the Cooperative's system.
4. **Manual Disconnect.** The Customer-generator shall install and maintain a visible, manual disconnect switch within six (6) feet of Customer-generator's billing meter. This manual switch must have the capability to be locked out by Cooperative personnel to isolate the Cooperative's facilities in the event of an electrical outage on the Cooperative's transmission and distribution facilities serving the Customer-generator. This isolating device shall also serve as a means of isolation for the Customer-generator's equipment during any Customer-generator maintenance activities, routine outages, or emergencies. The Cooperative shall give notice to the Customer-generator before a manual switch is locked or an isolating device used, if possible; and otherwise, shall give notice as soon as practicable after locking or isolating the Customer-generator's facilities.
5. **System Upgrades.** The Customer-generator may be required to reimburse the Cooperative for any equipment, facilities, protective equipment, or upgrades necessary to accommodate the installation by the Customer-generator of a generation unit in parallel with the Cooperative's system.
6. **Initial Energizing.** The Customer-generator shall notify the Cooperative prior to the initial energizing and start-up testing of the Customer-generator's generation unit, and the Cooperative shall have the right to have a representative present at said test (witness test) to measure or verify settings, operational condition, or other requirements or system aspects.
7. **Power Quality.** If harmonics, voltage fluctuations, or other disruptive problems on the Cooperative's system are directly attributable to the operation of the Customer-generator's generation unit, such problem(s) shall be corrected at the Customer-generator's expense.
8. **Indemnification.** Customer-generator's generation unit shall not damage the Cooperative's system or equipment or present an undue hazard to Cooperative personnel. The Cooperative shall not be liable directly

Issued	Nov	18	2024		By	
	Month	Day	Year			Signature of Officer
	With bills rendered after Nov 1,					
Effective		2024			Title	Shawn Potts, President
	Month	Day	Year			

Flint Hills Rural Electric Cooperative Association, Inc.	Schedule	Index No. _____ CIR
All Territory	Replacing Schedule	New
(Territory to which schedule is applicable)	Which was issued	N/A

The cooperative's bylaws, rules and regulations are supplemental to this schedule and are incorporated herein.

Sheet 4 of 4

- or indirectly for permitting or continuing to allow an attachment of a generation-unit or for the acts or omissions of a Customer-generator that causes loss or injury, including death, to any third party. The Customer-generator agrees to hold the Cooperative harmless from injuries or property damage incurred by any person and arising out of the ownership, operation, maintenance, or use of the Customer-generator's generation unit and to indemnify the Cooperative against all liability and expense related thereto.
9. **Interconnection Agreement.** Prior to installing and interconnecting a generation unit the customer shall enter into a standard interconnection agreement with the Cooperative setting forth the conditions related to technical and safety aspects of parallel generation.
 10. **Rules and Regulations.** Service under this Rider is subject to the Cooperative's Rules and Regulations as adopted by the Board of Trustees and any subsequently approved modifications that may be adopted by said Board during the term of service.
 11. **Insurance.** The Customer-generator shall, at its own expense, maintain in force general liability insurance without any exclusion for liabilities related to the interconnection. The amount of such insurance shall be sufficient, as determined by the Cooperative, to insure against all reasonably foreseeable direct liabilities given the size and nature of the generation unit being interconnected, the interconnection itself and the characteristics of the system to which the interconnection is made. .
 12. **Application for Interconnection.** Applications by a Customer-generator for interconnection of the generation unit to the Cooperative's distribution system shall be accompanied by the plan for the Customer-generator's generation unit, including, but not limited to, a wiring diagram and specifications for the generation unit showing the configuration of all equipment, current and potential circuits, and protection and control schemes. Any diagrams or drawings shall use industry standard symbols. The on-line diagram must be stamped by a licensed Professional Engineer. Applications shall be reviewed and responded to by the Cooperative within 90 days after receipt for all other systems. Prior to the interconnection of the qualified generation unit to the supplier's system, the Customer-generator shall furnish the Cooperative a certification from a qualified professional electrician or engineer that the installation meets the requirements of paragraph e, above. If the application for interconnection is approved by the Cooperative and the Customer-generator does not complete the interconnection within one year after receipt of notice of the approval, the approval shall expire, and the Customer-generator shall be responsible for filing a new application. Before an approved generation unit is modified or changed, the Customer-generator shall submit a new application under this section. Upon the change in ownership of a generation unit, the new Customer-generator shall be responsible for filing a new application under this section.
 13. **Renewable Energy Credits or Attributes.** Ownership of all renewable energy credits, greenhouse gas emission credits and any other renewable energy attributes related to any electric energy produced by an eligible generation unit shall be retained by the Customer-generator.

Issued	Nov 18 2024	By	_____
	Month Day Year		Signature of Officer
Effective	With bills rendered after Nov 1, 2024	Title	Shawn Potts, President
	Month Day Year		