



4 Rivers Electric Cooperative, Inc.
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Emporia, KS 66801

APPLICATION FOR INTERCONNECTION OF DISTRIBUTED ENERGY SYSTEM

For Generating Facilities 10 kW or Larger (Not to Exceed 100 kW)

RIDER SELECTION & APPLICATION FEES

Applicable fees/deposits must accompany this application. Select Interconnection Type:

Net Metering Rider-01 (NMR)

- Renewable energy only (solar, wind, etc.)
- Must be sized to offset on-site load
- No battery storage allowed

Fees:

- \$1,250.00 — Non-Refundable Application Fee** (Fast Track passes)
- \$2,000.00 — Engineering Study Deposit** (Fast Track fails; deposit applied to actual costs)

Parallel Generation Rider-02 (PGR)

- Required for systems with battery storage
- Systems exporting under avoided cost
- Potential option for systems not eligible for Net Metering

Fees:

- \$3,000.00 — Engineering Study Deposit** (deposit applied to actual costs)

Member Initials: _____ Date: _____

MEMBER & SERVICE INFORMATION

Member Name: _____

Organization/Business (if applicable): _____

Service Address: _____

Account #: _____ Phone: _____

E-Mail Address: _____

Installer/Contractor (if applicable): _____

Installer Phone: _____ Installer Email: _____

Permission to discuss account with installer: Yes No *(Internal Use: Record authorization and date in the member contact log)*

SYSTEM INFORMATION

Total AC Nameplate Capacity (inverter output): _____ (kW) / _____ (kVA)

Inverter Manufacturer & Model: _____

Renewable Resource Type: Solar Wind Other _____

Quantity of Inverters: _____ Single Phase Three Phase

Battery Storage Included: Yes* No *If yes, must apply under Parallel Generation Rider.

Equipment is **UL 1741** listed? Yes No

Export limiting configured? Yes No If yes, describe controls (software-limited, CT-based, relay, etc.): _____

CERTIFIED EQUIPMENT INFORMATION

List all equipment included in the Distributed Energy System installation, including inverters, modules, control systems, and protective devices. All listed components must be certified to applicable standards (IEEE 1547 / 1547.1, UL 1741, NEC, NESC) and meet all requirements under the Cooperative's Net Metering or Parallel Generation Rider. Attach manufacturer specification sheets for each component listed.

Equipment Type	Manufacturer/Model	Certification / Standard	Certifying Entity (UL, CSA, ETL, etc.)

Location of Equipment: _____

Proposed Point of Interconnection (POI, example: *load-side breaker, service disconnect, meter base, customer panel, etc.*): _____

Expected Install Date: _____ Expected In-Service Date: _____

REQUIRED ATTACHMENTS

Applications must include:

1. One-Line Diagram

- Industry-standard symbols
- Shows all equipment, wiring, protection, and isolation
- PE stamp required if >50 kW AC

2. Site Plan

- Locations of inverter(s), AC disconnect, meter, service entrance
- Clear labeling of utility access points

3. Specification Sheets

- Inverter UL 1741 SA / IEEE 1547 certification
- Panel/module specifications

4. Liability Insurance

- Evidence of general liability insurance per tariff requirements

FAST TRACK SCREENING (INTERNAL USE ONLY)

This section is reviewed by cooperative engineering; not required to be filled out by the member.

Screens include (abbreviated summary):

- 10% fault current contribution limit Yes No _____
- No more than 15% of line section peak load Yes No _____
- Passes network/transformer configuration screens Yes No _____
- 20 kW max on shared secondary Yes No _____
- 20% imbalance limit on 240V center-tap services Yes No _____
- No known transient stability limitations Yes No _____
- No system upgrades required for interconnection Yes No _____

CERTIFICATIONS & AGREEMENTS

Installer Certification

I certify that the generating system will conform to the Cooperative's Tariff Requirements, Rules & Regulations, NEC, NESC, IEEE, UL, and the state and local requirements.

Installer Signature: _____ Date: _____

Print Name: _____

Member Acknowledgement & Agreement

By signing this application, the Member acknowledges and agrees that:

1. Interconnection is governed by the 4 Rivers Electric Cooperative Net Metering Rider or Parallel Generation Rider, as applicable.

2. The Member must comply with all applicable requirements of the Cooperative's Rules & Regulations and Bylaws.
3. The Member will enter into a separate Interconnection Agreement (IA), to be executed after application approval and before any parallel operation of the generating system. The IA is required prior to installation energization or export capability.
4. This application does not authorize interconnection or parallel operation until the Cooperative has completed all required reviews, inspections, and issued written Permission to Operate (PTO).
5. Any modification, replacement, or expansion of the generating facility requires prior written approval and may require a new application or additional fees.
6. Approval Expiration: Approval of this application is valid for twelve (12) months from the date of Cooperative approval. If the project is not complete and ready for PTO within that period, the approval expires and a new application may be required.
7. All information submitted in this application is true and correct to the best of the Member's knowledge.

Member Signature: _____ Date: _____

Print Name: _____

COOPERATIVE USE ONLY

- Initial contact recorded: Yes No Date: _____
- Date Application Received: _____
- Application Fee Received: \$ _____
- Fast Track: Passed Failed
- Engineering Study Required: Yes No
- Rider Approved: Net Metering Rider Parallel Generation Rider
- Final Verified AC Capacity: _____ (kW) / _____ (kVA)
- Interconnection Agreement Issued Date: _____
- Interconnection Agreement Fully Executed Date: _____
- Final Inspection Completed Date: _____ Inspector: _____
- Permission to Operate (PTO) Issued: Date _____