

FIRELANDS ELECTRIC COOPERATIVE, INC.

LARGE POWER DISTRIBUTED GENERATION RIDER  
SCHEDULE DG 2

**AVAILABILITY RIDER FOR SCHEDULES LS, LSA, ST, STA, AND LT APPLICABILITY:**

This schedule is available to Members of Firelands Electric Cooperative, Inc. contracting for electric service from the Cooperative who, through the operation of qualifying cogeneration or small power production facilities as defined in the Cooperative's Operational Policy relating thereto, with an AC rating not less than 26 or greater than 100 kilowatts (kW). The Member has electric energy and the associated capacity which they desire to generate to the Cooperative in accordance with the requirements of the Public Utility Regulatory Policies Act of 1978 (PURPA), as amended, and all governmental regulations lawfully promulgated there under and the Cooperative's applicable rules, regulations, policies and rate schedules, in circumstances where the output of such facility is not reasonably anticipated to exceed the annual electric energy requirements of the Member and provided that the total aggregate electric generating capacity of all qualifying facilities interconnected to the electric distribution systems of the members of Buckeye Power, Inc. (Buckeye) and net metered does not exceed 1% of Buckeye's aggregate peak electric demand of all of the Buckeye members.

**NET METERING:**

Compliance with applicable rules, regulations, policies and terms of this rate schedule is a condition precedent to purchases hereunder. The Member shall use the output of the qualifying facility first to meet the requirements of the Member's electric consuming facilities located on the Premises. Any output of the qualifying facility in excess of the requirements of the Member's electric consuming facilities shall be transferred to the Cooperative and credited against the Member's bill for electric service hereunder. The Member shall only be entitled to receive a billing credit for any such output of the qualifying facility in excess of the requirements of the Member's facilities, and in no event shall the Member be entitled to receive any payment from the Cooperative for any such excess output of the qualifying facility.

**RATE:**

Distribution Charge:

Single Phase \$84.20/Month

Three Phase \$115.00/Month

Energy: Excess billed per wholesale charge

Demand: Billed kW per Tariff

Distribution charge and demand (kW) charges do not receive credits from member sales to the Cooperative.

**MONTHLY MINIMUM CHARGE:**

The monthly minimum charge under this schedule shall be the Distribution Charge, or such other minimum as may be established by contract.

Seasonal disconnects will not avoid the minimum monthly charge.

**DETERMINATION OF BILLING DEMAND:**

The billing demand is the net recorded per month as determined and established per appropriate tariff. The net recorded demand will be used to establish demand and energy rate.

**WHOLESALE POWER AND TAX COST ADJUSTMENT:**

The rates and charges set forth in this schedule are subject to increase or decrease by application of the adjustments specified in Rider A.

**TERMS OF PAYMENT:**

The above rates and other applicable charges hereinafter set forth are net and are due and payable on or before the date specified on the bill. If not so paid, the gross amount applies and service will be subject to disconnection as provided in the Cooperative's rules and regulations. Trips for collection of past due amounts and reconnection of disconnected services shall be subject to the Cooperative's charges for such special services.

**USE OF SERVICE:**

Service under the schedule shall not be resold or shared with others.

**METERING:**

Meters are read monthly through an automated meter reading system (AMR). However, the Cooperative reserves the right to read any meter at any time and bill on a monthly basis or use an estimated meter reading. Net metering will be accomplished using a single meter or pair of meters capable of registering the flow of electricity in each direction from the Cooperative's electric distribution system to the Member's electric consuming facilities located on the premises and from the Member's qualifying facility to Cooperative's electric distribution system. If existing metering is not capable of measuring electricity in both directions, the DG Member will pay the incremental cost for the Cooperative to install an appropriate meter.

**RULES AND REGULATIONS:**

The Cooperative's rules and regulations relating to the purchases from qualifying cogeneration and small power production facilities as they are now in effect or as they may hereafter be amended from time to time, are incorporated into and made a part of this rider as if contained herein. The Member shall comply with all the provisions of such rules and regulations.

**INTERCONNECTION REQUIREMENTS:**

1. The generator system must be owned and operated by the Member and must be located on the Member's premises.
2. The Member shall comply with the Cooperative's technical guideline for interconnection and parallel operation requirements which is considered a part of this rider.

### **TERMS AND CONDITIONS OF SERVICE:**

1. The Member shall complete each of the following three forms and enter into such interconnection agreements as the Cooperative shall require from time to time.
  - a. Agreement for interconnection and parallel operation of a net metering qualifying cogeneration or small power production facility.
  - b. Agreement for electric service for qualifying co-generation or small power production facilities with net metering.
  - c. Application for distributed resource.
2. 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.
3. 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 must be established in accordance with the requirements of IEEE 1547.7 2013 (or latest edition). Cooperative may examine the periodic test reports or inspection logs associated with the periodic maintenance program. Upon Cooperative's request, Cooperative shall be informed of the next scheduled maintenance and be allowed to witness the maintenance and any associated testing performed.
4. 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 is 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 the Cooperative's system.

### **SYSTEM MODIFICATION:**

If it is necessary for 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.

The Cooperative may require a facilities and/or impact study to ensure the Cooperative's distribution system can accommodate the distributed generation. All costs shall be at the Member's expense.

### **APPLICATION:**

The interpretation of, or the application by the 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 Firelands Electric Cooperative.