

Date Adopted: 06/25/13

Date Revised:

Date Reviewed:

## **SCENIC RIVERS ENERGY COOPERATIVE**

### **Policy S.5 Member's Wiring and Equipment**

**RESPONSIBILITY:** CEO and Employees

#### **Member's Installation**

The member's wiring shall be installed in accordance with applicable SREC service rules and policies and local, state and national code requirements. Prior to making a new service or upgraded service connection the member must submit either a UDC electrical inspection certificate or wiring affidavit of compliance with all applicable requirements. It shall be the member's responsibility to provide suitable protective equipment, such as fuses, circuit breakers and relays, to adequately protect the member's equipment.

The Cooperative will take all reasonable precautions to prevent phase failure and abnormal voltage variations, but cannot guarantee that such conditions may not occur due to circumstances beyond its control. The member shall provide appropriate protective equipment so that the member's motors and other equipment will be disconnected from the line when service is interrupted on one or more phases, or under low voltage or other conditions which could cause damage to such equipment. The Cooperative reserves the right to refuse or discontinue service to a member's equipment or wiring, where such equipment is in a hazardous condition, or not in conformity with applicable codes and regulations, or threatens the continuity of electric service to other members.

#### **Service Voltages**

For residential service, three-wire 120-240 volts single-phase will be provided. The transformer and meter location should be located as close as can conveniently be arranged to the member's load center, and shall meet the Cooperative's current service rules.

New, three-phase service will be provided at 208 or 480 volts according to the member's need. Combination single and three-phase loads may be served at 120/208 volts or 277/480 volts. Existing three-phase service locations may continue to be served by 240 volts according to the member's need. However, new locations must conform to the new service standard.

At the Cooperative's discretion, primary service will be provided where service is rendered under a rate schedule containing provisions, at nominal 7.2/12.5 kV, three-phase grounded Wye, in which case the member shall furnish all necessary transformers and equipment, including location for meters and metering equipment if the Cooperative elects to use secondary metering. Any primary service provided by the Cooperative to member owned equipment, including the cable shall be maintained, repaired and inspected by the member. Any repairs necessary shall be performed by the member or at its option, may be completed by the Cooperative at current time/equipment costs.

As determined by the Cooperative, any requests to provide electric service for the supply of closer voltage regulation than required by standard practice, a service installation that is not standard to the Cooperative, or for voltages not specified herein is considered a non-standard service for the system of this Cooperative. See non-standard estimates or services.

For member loads that create disturbances to the electric system that affects the power quality at their location or others, it shall be the responsibility of that member to bear the costs for the Cooperative to

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Scenic Rivers Energy Cooperative

correct the problem. See the Cooperative's policy S.11.

### **Non-Standard Service**

The Cooperative retains the right to reject any request to provide electric service for non-standard services. If approved, the member shall be required to pay the full cost of any special installation by the Cooperative necessary to meet the member's particular requirements.

### **Phase Balance**

Except in the case of three-phase four-wire Delta service, the Cooperative may require that the current on each wire of the three-phase service shall be reasonably balanced at times of maximum or near maximum load.

### **Service Entrance**

The member shall provide a service entrance, the design and installation of which shall be subject to the approval of the Cooperative, and will meet applicable code and the Cooperative's policy, service rules and installation standards.

To assure uniformity in construction of metering installations and service entrances, current transformers shall be furnished by the Cooperative when greater than a 320 ampere service entrance is installed. The connections from the current transformers to the meter shall be installed by the Cooperative.

*Information contained in this Policy is subject to update or modification by the Cooperative at any time and at the sole discretion of the Cooperative. Such information includes (but is not limited to) policies, procedures, rates, tariffs and applications. Some information may change as a result of external factors such as new legislation or regulations. Prior to making use of the information contained herein, please check with appropriate Cooperative staff.*

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