

K. Member's Use of Service and Service Limitations

1. Member Use of Service

Members may use the electricity supplied by the Cooperative to satisfy their electrical needs as long as that use follows national, state and local code, and conforms to Cooperative requirements.

2. Resale Forbidden

The Cooperative's power or delivery services or any part of the electricity or delivery services cannot be sold, resold, assigned or otherwise disposed of.

3. Fluctuations and Disturbances

If your use of electricity causes unusual fluctuations or disturbances in the Cooperative's delivery system, the Cooperative may ask you to modify your equipment with approved controlling devices in order to maintain its delivery system for the entire membership. Should your modification efforts fail or you refuse to make such modifications, the Cooperative may discontinue service.

4. Unbalanced Load

Members must at all times take and use electricity in such manner that the load will be balanced between legs on single phase and between phases on three phase to within 10%, nominally. In the event of unbalanced loads, the Cooperative may require the member to pay for any damages caused by unbalanced loads and/or make necessary changes at the members expense to correct the unsatisfactory condition. The Cooperative may also compute the billing demand on the assumption that the load on each phase is equal to that on the greatest phase.

5. Notice of Change in Load

If you add significant equipment or load you must notify the Cooperative to ensure this additional load will not adversely affect the Cooperative's system or other members. Significant equipment on a small single-phase service would include but is not limited to such equipment as a welder or five horsepower motor. Significant equipment on the larger services would be anything that increases load by 10%.

6. Liability

Members who fail to make responsible use of the electric service and cause damage to the Cooperative's and/or other members' equipment are liable for all damages. Examples of irresponsible electric use include significant load imbalance causing transformer damage and fluctuating load causing voltage variations that damage neighbor's equipment.

7. Motors

If you plan to add significant motors or other significant load (including arc welders) to the service or replace existing motors, the Cooperative is available for consultation regarding those characteristics that are beneficial in improving the load factor and/or recommended electric circuit protection equipment.

8. Harmonics

Electronic equipment and electronically controlled equipment can cause repetitive fluctuation reflected as harmonics. Harmonics can travel through the Cooperative's distribution system and cause damage to the Cooperative's and/or other member's equipment. Therefore there is a limit of 5% maximum total harmonic distortion measured at the Cooperative's interconnection point. If this is exceeded, the member shall provide and install suitable corrective wiring or equipment on the member premises at the member's own expense.

9. Conjunctional Service

Conjunctional service is the use of electricity delivery service furnished hereunder in parallel with any other source of electric service, such as a generator used at the same time as electricity supplied by the Cooperative. A member may take conjunctional service hereunder subject to the signing of a Conjunctional Service Agreement specifying such terms and conditions of interconnection and operation as the Cooperative deems necessary to provide for proper metering and billing and to prevent personal injury, property damage, or interference with the electricity delivery service to other members.