



Requirements For Serving Large Commercial/Industrial Loads

To better serve the Electric Cooperative and its members, the following guidelines/requirements will be followed when designing and building electric service to larger load facilities.

The electric Cooperative will serve loads, up to 300kVA, with one single electric supply/source. If the load is larger than 300kVA, the following options will be available:

- Primary meter the load. The Electric Cooperative would provide metering at a demarcated location. It would then be the responsibility for the Customer/Member to provide the proper equipment/material to provide electric service to the load. Also, the member will be required to balance the load to not overload any given phase per transformer provided by the Electric Cooperative. In the event the member overloads the service to the point of damaging the transformer, cables, wire, metering equipment or any other part of the service, the member will be responsible to pay for the cost of repairs including equipment, material, and labor costs. Primary Voltages would be either 7,200 volts or 14,400 volts, single phase (depending on the service location) or 12,470 volts or 25,000 volts, three-phase.
- Split up the load into smaller electric services, up to 300kVA

If the transformer or other Electric Cooperative equipment is damaged due to overloading a second time or more, repairs will be made during the next regular business day.

It will be the Customer/Members responsibility to pay Aid to Construction (ATC) for any electric system upgrades (construction/retirement) to provide electric service to the Customers/Members load. This includes but is not limited to:

- Converting single phase to three phase
- Any electric system upgrades needed to provide electric service to the Customer/Member, such as upgrading the size of the electric lines and/or equipment (transformers, regulators, capacitors, etc.)



- It is also the Customers/Members responsibility to provide a final Itemized list consisting of:
 1. Proof of ownership of property or lease agreement with the property owner
 2. Legal description of the property
 3. Light Load – Number of lights and total wattage
 4. HVAC Load – Number of units and total tonnage
 5. Requested Voltage – Single-Phase 120/240V, or Three-Phase 120/208V or 277/480V
 6. Misc. Load- Number of remaining devices and total Amps

Billing for Use (kWh) – If the Customer request service, there will be a minimum billing of 50% of the sized service (Ex: transformer).

Example: The Customer requests a 300 kVA source (transformer). The Customer only uses 100 kVA, they will still be charged, as a minimum, for 150 kVA (or 50% of the transformer loading)

Projected Equipment Load - In order to get a better understanding of the projected load, Attachment “A” will need to be completed and submitted with this form

I have reviewed and understand the terms of this agreement

Map Location _____

Member Signature

Date

Print Name

East Central Electric Approval

Date



Attachment "A"

Projected Equipment Load

Single Phase: _____

Three Phase: _____

Voltage: 120/240v

Voltage: 120/208v

277/480v

Size & Number of Panels (Amps*): _____

Light Load (Watts): _____

A/C Load (Tons): _____

Misc. Equipment (Amps): _____

***Total Amps or the sum of all legs**