

## Requirements for Commercial or Industrial Loads

The following load study is valid for 30 days from the Cooperatives approval.

Any Aid to Construction estimates issued because of this load study is valid for 30 days after a quote is issued by the Cooperative.

To better serve the Electric Cooperative, its members, or potential Consumers, the following guidelines/requirements will be followed when designing and building electric service to grow facility loads.

**Note: Any new or existing load increases will require an Engineering Study be performed to determine if the electric distribution system will need to be upgraded or modified.**

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

- Primary meter the load. The Electric Cooperative would provide metering at a demarked location. It would then be the responsibility of the Customer/Consumer to provide the proper equipment/material to provide electric service to the load. The Member is also required to balance the load and not overload any given phase per transformer provided by the Electric Cooperative.
- 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 the load up into smaller electric services, up to 300kVA.

**Voltage** – The voltages will be limited to the following:

- Single Phase
  - 120/240 Volt
- Three Phase
  - 120/208 Volt
  - 277/480 Volt

**Overload** – If the member overloads the electric service, the member will be given notice to reduce the loading within a specified timeframe. If the electric service is overloaded after the specified timeframe the service will be disconnected until load reducing measures can be verified. At the discretion of the Coop, the service may be terminated. If there is damage to the electric service due to overload or vandalism, the member will be responsible for paying the cost of repairs for damaged electric service including existing and new equipment, material, and labor costs. If the Electric Cooperative Equipment is damaged due to overload a second time or more, repairs may be made during the next regular business day.

**Aid to Construction (ATC)** – It will be the Consumer/Members responsibility to pay in advance, 100% actual cost, as a non-refundable ATC for any electric distribution system upgrades (construction/retirement) to provide electric service to the Consumers/Members load. This would include, but not limited to:

- Converting single phase to three phase
- Any electric system upgrades needed to provide electric service to the Member, such as upgrading the size of the electric lines and/or equipment (transformers, regulators, capacitors, etc.)
- It is also the member's responsibility to provide a final itemized list consisting of:
  1. Proof of ownership of the property (Copy of Deed or Signed Lease Agreement)
  2. Projected Equipment Load (Page 3)
  3. Engineer Stamped Drawing\*

**Equipment Ownership** – the Cooperative shall retain ownership of all material and facilities installed by the Cooperative for the distribution of electric energy whether or not the same has been paid for by the Customer. All lines and facilities constructed or installed by the Cooperative are the property of the Cooperative.

**When will construction start** – No service will be allocated until construction has started (except for temporary construction service). Depending on the available energy capacity in an area, some projects may not be started for 12-18 months or more to allow for system upgrades.

Note: **All required documentation, including ATC shall be completed and submitted to the Cooperative *before* construction/service can be provided.**

**Material & Equipment** – Lead time for material and equipment may be four weeks to twelve months, or more, depending on the type of service.

**Projected Equipment Load** – To get a better understanding of the projected load, Attachment “A” will need to be completed and submitted with this form. If any of the information required and listed on Attachment “A” is not included, no further work or contact will be made regarding a new electric service. It is the responsibility of the person(s) or Organization requesting service to provide all of the information required up front.

**The following must be provided for a load study:**

- Copy of the Property Deed or Signed Lease
- Projected Equipment Load (Page 3)
- Engineer Stamped Drawing\*

**\*If total requested loading is 300kW or greater**

## Attachment “A”

Projected Equipment Load

Send To: [cgh@ecoec.com](mailto:cgh@ecoec.com)

Single Phase: \_\_\_\_\_ V

Three Phase\*: \_\_\_\_\_ V

Voltage: 120/240V

Voltage: 120/208V  
277/480V

Main Disconnect Panel(s) Information:

\_\_\_\_\_ Panel(s) rated at \_\_\_\_\_ Amps per panel

Lighting Load:

\_\_\_\_\_ Watts at \_\_\_\_\_ Volts

A/C Load:

\_\_\_\_\_ Tons

Misc. Equipment:

\_\_\_\_\_ Amps\*\* at \_\_\_\_\_ Volts

\_\_\_\_\_ Amps\*\* at \_\_\_\_\_ Volts

\*Three Phase Load must be balanced

\*\*Total Amp load, sum of all phases or legs

Address or GPS Location: \_\_\_\_\_

\_\_\_\_\_

Member/Business Name: \_\_\_\_\_

\_\_\_\_\_

Daytime Telephone Number: \_\_\_\_\_

Primary Email Address: \_\_\_\_\_

**I have reviewed and understand the terms of this agreement.**

\_\_\_\_\_  
Member's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
East Central Electric Approval

\_\_\_\_\_  
Date