



Bluebonnet Electric Cooperative, Inc. Detailed Commercial Load Data

Bluebonnet Electric Cooperative, Inc.
Attn: Engineering Department
3198 E. Austin Street
Giddings, TX 78942
Phone: (800) 842-7708

BBEC Internal Usage Only

Customer # _____

W.O. # _____

Email Address: _____

Applicant Name: _____

Phone No: _____

Service Address: _____

Date: _____

REQUESTED ELECTRICAL SERVICE Service/Project Name: _____

PRIMARY SERVICE

- Overhead
- Underground

SECONDARY SERVICE

- Overhead
- Underground

REQUESTED VOLTAGE

120/240 - 1Ø 3 Wire

240/480 - 1Ø 3 Wire

• Single-phase transformers are limited to (1) 100 kVA transformer per overhead service & (1) 167 kVA pad mount transformer per underground service.

208/120 - 3Ø 4 Wire Wye

480/277 - 3Ø 4 Wire Wye

240/120 - 3Ø 4 WIRE DELTA (O/H banks only)

480 - 3Ø 3 WIRE DELTA

(O/H Banks Only Corner Grounded)

• Three-phase transformers are limited to (3) 100 kVA transformer per overhead service

Primary Meter 12.47/7.2kV or 24.9/14.4kV

MAIN DISCONNECT (AMPERES) New _____ Existing (If Any) _____

Total connected load in Amps (Should Match Page 2 Total). _____

SECONDARY SERVICE ENTRANCE CONDUCTORS

Copper Wire Aluminum Wire

Wire Size _____ Quantity _____ per phase Quantity _____ for the neutral

- Each Phase MUST be sized to accommodate the TOTAL DISCONNECT SIZE or FUSE/BREAKER installed.
- Commercial service MUST pull in a full size neutral whether it will be used or not.

SECONDARY SERVICE ENTRANCE CONDUIT

Size of Conduit _____ in. Quantity of Conduit _____



Building Size: _____ SQ.FT.

Hours of operation: _____ **Days of the week:** _____

Motors (Other Than Air Conditioning)

- Motors or motor loads totaling more than 25 HP, may require soft starters or VFD's(Variable Frequency Drives) and/or 3 Phase Service. VFD's will require appropriate filtering. Please Contact Bluebonnet Electric's Engineering Department for further information.

1Ø 3Ø _____ HP _____ Quantity _____ (Amps)

1Ø 3Ø _____ HP _____ Quantity _____ (Amps)

1Ø 3Ø _____ HP _____ Quantity _____ (Amps)

1Ø 3Ø _____ HP _____ Quantity _____ (Amps)

1Ø 3Ø _____ HP _____ Quantity _____ (Amps)

Total Motor _____ **HP** _____ **(Amps)**

Total Load on System

Heating Load _____ (Amps) _____ (kW)

A/C Load _____ (Amps) _____ (kW)

Lighting Load _____ (Amps) _____ (kW)

Motor Load _____ (Amps) _____ (kW)

Other Load _____ (Amps) _____ (kW)

Total Load _____ **(Amps)** _____ **(kW)**

LICENSED ELECTRICIAN/ENGINEER SIGNATURE: _____

PRINT NAME: _____ LICENSE # _____

DATE: _____ PHONE # _____