



Bluebonnet Electric Cooperative, Inc. Detailed Commercial Load Data

(Anything other than Residential)

Bluebonnet Electric Cooperative, Inc.
3198 E. Austin Street
Giddings, TX 78942
Phone: (800)-842-7708 Fax: (979)-542-4150

BP # _____ W.O. # _____

Email Address: _____

Applicant Name: _____ Phone No: _____

Service Address: _____ Date: _____

Electrician/Engineer: _____ Phone No: _____

REQUESTED ELECTRICAL SERVICE **BUSINESS TYP:** _____

PRIMARY

- Overhead
- Underground

SECONDARY SERVICE

- Overhead
- Underground

SECONDARY VOLTAGE

- | | |
|--|--|
| <input type="checkbox"/> 120/240 1Ø 3 Wire | <input type="checkbox"/> 240/480 1Ø 3 Wire |
| <input type="checkbox"/> 120/208 3Ø 4 Wire Wye (Service is limited to (3) 100 kVA transformers on the pole). | <input type="checkbox"/> 277/480 3Ø 4 Wire Wye (Service is limited to (3) 100 kVA transformers on the pole). |
| <input type="checkbox"/> 120/240 3Ø 4 WIRE DELTA (O/H banks only) | <input type="checkbox"/> 480 3Ø 3 WIRE DELTA (O/H banks only) |

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

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

Total connected load in Amps. _____

SECONDARY SERVICE ENTRANCE CONDUIT

Size _____ In. Quantity _____

**Member's service wire MUST be sized to accommodate the TOTAL disconnect size.
Residential service may down size their neutral 2 sizes.
Commercial service may NOT down size their neutral.**



SECONDARY SERVICE ENTRANCE CONDUCTORS

Size _____ Quantity _____ per phase

BUILDING SIZE _____ SQ.FT.

HOURS OF OPERATION _____ **DAYS OF THE WEEK** _____

HEAT and AIR CONDITIONING

Electric Heat (total) _____ (kW) _____ (Amps)

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

Geothermal (motor size) _____ (kW) _____ (Amps)

_____ (FLA - Full Load Amps)

_____ (LRA - Locked Rotor Amps)

TOTAL LIGHTING LOAD _____ (kW) _____ (Amps)

MOTORS (Other Than Air Conditioning)

Motors (50) HP & Larger Motors or equaling (50) HP May Require 3Ø and Reduced Starting Current Device or Soft Start Kits. Please contact Bluebonnet Electric’s Engineering Department for further information.

1Ø Motor(s)

_____ HP _____ Quantity _____ (Amps)

_____ HP _____ Quantity _____ (Amps)

_____ HP _____ Quantity _____ (Amps)

_____ HP _____ Quantity _____ (Amps)

_____ HP _____ Quantity _____ (Amps)

Total 1Ø Motor _____ **HP** _____ **(Amps)**



3Ø Motor(s)

_____ HP _____ Quantity _____ (Amps)
 _____ HP _____ Quantity _____ (Amps)
 _____ HP _____ Quantity _____ (Amps)
 _____ HP _____ Quantity _____ (Amps)
 _____ HP _____ Quantity _____ (Amps)

Total 3Ø Motor _____ HP _____ (Amps)

Itemized Amp Load

	<u>Load</u>	<u>Quantity</u>	<u>Amps</u>	<u>kW</u>
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Total Itemized Load _____ (Amps) _____ (kW)

Total Load on System

Heating Load _____ (Amps) _____ (kW)
 A/C Load _____ (Amps) _____ (kW)
 Lighting Load _____ (Amps) _____ (kW)
 Motor Load _____ (Amps) _____ (kW)
 Itemized Load _____ (Amps) _____ (kW)
Total Load _____ (Amps) _____ (kW)

AUTHORIZED ELECTRICIAN'S SIGNATURE _____

PRINT NAME: _____ LICENSE # _____

DATE: _____ PHONE # _____