

Architect/Engineer/Contractor:

Please submit this form for each building to be served by Logan City Light & Power (LCL&P) for which you are preparing the electrical design specifications, and plans. With this requested data, LCL&P will reply to you, giving the necessary electrical service information for you to complete your design. A digital copy of the site plan (showing proposed transformer location, meter base, and outside disconnect) and the electrical single line diagram is required. Please email to gturley@loganutah.org or deliver to the address above. By signing this document, you are hereby acknowledging that the information provided is accurate and take responsibility for this information up to and including financial cost for the replacement of LCL&P's equipment due to any inaccuracies contained herein.

Date: \_\_\_\_\_

**Project Name:** \_\_\_\_\_ **Location:** \_\_\_\_\_

**Your Name:** \_\_\_\_\_ **Your Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Phone Number:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_

**Project Manager or Contact Person:** \_\_\_\_\_ **Phone Number:** \_\_\_\_\_

Total size of building: \_\_\_\_\_ sq. ft. **Office:** \_\_\_\_\_ sq. ft.

If apartment or motel, # of units: \_\_\_\_\_ sq. ft. **Warehouse:** \_\_\_\_\_ sq. ft.

**Manufacturing:** \_\_\_\_\_ sq. ft.

Anticipated date for permanent electric service: \_\_\_\_\_

**Description of Electrical Loads**

New Equipment	Load	Signs	Load
HVAC Tons:	Tot. KW	Snow Melting	KW
Refrigeration Equipment Tons:	Tot. KW	New Equipment	KW
Electric Heat	KW	X-Ray Equipment	Tot. HP
Water Heating	KW	Washer/Dryer	Tot. HP
Lighting	KW	Machinery	Number:
Outlets	KW	Exhaust Fans	Number:
Office Equipment	KW	Gas/Fuel/Sump Pumps	Number:
Kitchen Equipment	KW	Small Motors	Number:
Computers	KW	Compressors	Number:
Thermoplastic Injection Equipment	KW	Misc.	
Boiler			
Elevators		Itemize Equipment on Separate Page	
		Totals:	

Existing Equipment: \_\_\_\_\_ KW

Existing Electrical Demand: \_\_\_\_\_ KW

Do you have a similar facility? \_\_\_\_\_

Where? \_\_\_\_\_

**Service Desired from Logan City Light & Power**

Delivery Voltage: \_\_\_\_\_ 480/277 3-Phase \_\_\_\_\_ 208/120 3-phase \_\_\_\_\_ 208/120 or 240/120 1-phase \_\_\_\_\_ other

Customer Electric Panel Size: \_\_\_\_\_ Amps Conductor Size: \_\_\_\_\_ Conductors/Phase: \_\_\_\_\_

Conduit Size: \_\_\_\_\_ No. of Conduits: \_\_\_\_\_ Secondary Service: Underground \_\_\_\_\_ Overhead \_\_\_\_\_

No. of meters needed: \_\_\_\_\_ Desired Location of Service to Building: \_\_\_\_\_

Additional Information or Data Required: \_\_\_\_\_

**Motor-Start Calculations:** (Failure to supply this information may result in unsatisfactory performance during motor-starts)

Size of Largest Electrical Motor: \_\_\_\_\_ HP \_\_\_\_\_ Three-Phase

Starting Code Letter or KVA/HP: \_\_\_\_\_ \_\_\_\_\_ Single-Phase

Please itemize all electrical motors larger than 25 horsepower on an attached sheet.

\* Are Variable Speed Drives or DC Motors in this Facility? \_\_\_\_\_ Yes \_\_\_\_\_ No

If yes, please attach a sheet showing number, size, usage, and anticipated current distortion.

This section to be filled in by LCL&P:

Selected Transformer: \_\_\_\_\_ KVA \_\_\_\_\_

