

**Moon Lake Electric Association, Inc.**  
**Preliminary Request for Electrical Information**  
**INDUSTRIAL LOAD DATA SHEET**

Architect/Engineer/Contractor: \_\_\_\_\_

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

Please submit this completed form for each building to be served by Moon Lake Electric Association, Inc., for which you are preparing the electrical design specifications and plans. With this requested data, Moon Lake Electric will reply to you, giving the necessary electrical service information for you to complete your design. One print of plot plans showing building, proposed location of service entrance, and electrical room is required before we can proceed with design. One print of page E of the Architectural drawings is also required.

Your Name: \_\_\_\_\_  
 Your Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Principal Contact: \_\_\_\_\_

Site Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Total Size of Building: \_\_\_\_\_  
 Office: \_\_\_\_\_  
 Warehouse: \_\_\_\_\_  
 Manufacturing: \_\_\_\_\_

Describe site purpose or processes to be done: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

**Description of New Electrical Loads:**

New Equipment		Load	Industrial Equipment	Load
HVAC	Tons: _____	___ Total kW	<b>Electrical Motors:</b>	
Refrigeration	Tons: _____	___ Total kW	<b>Across the Line Start:</b> _____ kW	
Electric Heat	_____ kW	_____ kW	Small HP Motors<10 HP	___ Total kW
Water Heater	_____ kW	_____ kW	Large HP Motors>/=10 HP	___ Total kW
Lighting	_____ kW	_____ kW	<b>Variable Speed Controlled:</b>	
Outlets	_____ kW	_____ kW	Small HP Motors<10 HP	___ Total kW
Office Equipment	_____ kW	_____ kW	Large HP Motors>/=10 HP	_____ kW
Kitchen Equipment	_____ kW	_____ kW	Computer Equipment	_____ kW
Computers	_____ kW	_____ kW	Itemized Equipment (Separate Sheet)	_____ kW
Boiler	_____ kW	_____ kW	Welders	_____ kW
Elevator	_____ kW	_____ kW	Electric Boilers	_____ kW
Signs	_____ kW	_____ kW	Future Equipment	_____ kW
Snow Melting	_____ kW	_____ kW	Misc	_____ kW
<b>Totals:</b>	_____ kW	_____ kW	<b>Totals:</b>	_____ kW

Existing Equipment: \_\_\_\_\_ Connected kW  
 Do you have a similar facility? \_\_\_\_\_

Existing Electrical Demand: \_\_\_\_\_ kW  
 Where? \_\_\_\_\_

## Service Desired from Moon Lake Electric Association

Delivery Voltage: 480/277 3-Phase: \_\_\_\_\_ 208/120 3-Phase: \_\_\_\_\_ 240/120 1-Phase: \_\_\_\_\_  
Customer Main Electrical Panel Size: \_\_\_\_\_ Amps Conductor Size: \_\_\_\_\_  
Conductor(s) Per Phase: \_\_\_\_\_ Main Service Conduit Size: \_\_\_\_\_ Number of Conduits: \_\_\_\_\_  
Secondary Service ~ Underground: \_\_\_\_\_ Overhead: \_\_\_\_\_  
Desired Location of Service to Building: \_\_\_\_\_  
Desired Location of Meter: \_\_\_\_\_  
Desired Location of Current Transformers (metering) secondary junction box: \_\_\_\_\_

Additional information or data:

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### **Data for Motor Start Calculations: Failure to supply this information may result in unsatisfactory performance during motor starts**

Size of largest electrical motor: \_\_\_\_\_ HP \_\_\_\_\_ Three-Phase \_\_\_\_\_ Single-Phase  
Starting Code Letter or kVA/HP: \_\_\_\_\_ HP  
Please itemize all electrical motors larger than 10 HP on an attached sheet  
Are variable speed drives or DC motors planned in this facility? YES \_\_\_\_\_ NO \_\_\_\_\_  
If yes, please attach a sheet showing number, size, sage, and anticipated current distortion

**RETURN TO: MOON LAKE ELECTRIC ASSOCIATION**  
**PO BOX 278 ~ ROOSEVELT UT 84066-0278**  
**TELEPHONE: 435.722.5400 ~ FAX 435.722.5466 EMAIL: [kbennett@mleainc.com](mailto:kbennett@mleainc.com)**