

# ELECTRIC SYSTEMS LOAD DATA SHEET

RETURN To: City of Concord Electric Engineering P.O. BOX 308 CONCORD N.C. 28026 or FAX: 704-792-2552 or Email: [dobbinsd@concordnc.gov](mailto:dobbinsd@concordnc.gov)

**Contact Information:** \*Required fields

Case Number: \_\_\_\_\_ \*Date: \_\_\_\_\_  
 \*Information provided by: \_\_\_\_\_ \*Phone: \_\_\_\_\_  
 Name of Owner: \_\_\_\_\_ \*Phone: \_\_\_\_\_  
 \*Business Name: \_\_\_\_\_ \*Phone: \_\_\_\_\_  
 \*Service Address: \_\_\_\_\_  
 \*Contractor Name: \_\_\_\_\_ \*Phone: \_\_\_\_\_  
 \*Proposed Start Date: \_\_\_\_\_

**\*Type of Service Requested:** (CHECK ALL THAT APPLY TO THE PROJECT.)

Temporary  Underground  Overhead  New Construction  Relocation  No Service

Voltage Requirements: Voltage: \_\_\_\_\_ Phase: \_\_\_\_\_ Wires: \_\_\_\_\_

Size of service in Amperes: \_\_\_\_\_ Wire Size: \_\_\_\_\_ Number: \_\_\_\_\_

Gross square footage: \_\_\_\_\_

Lighting Loads: (interior) \_\_\_\_\_ kW (exterior) \_\_\_\_\_ kW

Receptacle Load: \_\_\_\_\_ kW

Water Heater: \_\_\_\_\_ kW Tank Size \_\_\_\_\_ Gallons

Refrigeration: \_\_\_\_\_ kW Cooking \_\_\_\_\_ kW

Heat Pump: \_\_\_\_\_ Ton \_\_\_\_\_ kW A/C: \_\_\_\_\_ Ton \_\_\_\_\_ kW

Strip Heat: \_\_\_\_\_ kW Air Handler \_\_\_\_\_ kW Gas Heat (Yes or No)

**\*Equipment and Motors:**

Welders: \_\_\_\_\_ Volts \_\_\_\_\_ Amperes

Largest motor across line: \_\_\_\_\_ HP

Largest motor w/compensation \_\_\_\_\_ HP

Type of starting compensation \_\_\_\_\_

All motors over 5 HP must have starting compensation.

How many motors start across line at the same time? \_\_\_\_\_

**Motors:**

<u>Quantity</u>	<u>HP</u>	<u>Volts</u>	<u>Amps</u>	<u>Usage</u>

\*Completed by: \_\_\_\_\_ \*Date: \_\_\_\_\_