

# Load Data Sheet

**Must be completed before formal estimate can be given**

Work Order No.	Account No.	Field Designer	Service Map Loc No.



8605 47<sup>th</sup> St. NE  
 Spicer, MN 56288  
 Phone: 800-551-4951 Fax: 320-796-0620

**Applicant Name:** \_\_\_\_\_

**E-mail Address:** \_\_\_\_\_ **Phone No:** \_\_\_\_\_

**Current Address:** \_\_\_\_\_

**New Address:** \_\_\_\_\_

**Residential**     **Commercial**     **Agricultural**

**MAIN DISCONNECT:**(AMPERES) New \_\_\_\_\_ Existing (If Any) \_\_\_\_\_

**SECONDARY VOLTAGE:**

- 120/240 1Ø 3 Wire
- 120/208 3Ø 4 Wire Wye
- 240/480 1Ø 3 Wire
- 277/480 3Ø 4 Wire Wye
- 120/240 3Ø 4 Wire Delta (Existing Overhead Only)

**TEMPORARY SERVICE REQUIRED?**  Yes  No Size: \_\_\_\_\_ Voltage: \_\_\_\_\_ Phase: \_\_\_\_\_

**Date Permanent Service Required:** \_\_\_\_\_

**SERVICE ENTRANCE CONDUIT:**

Size \_\_\_\_\_ in.      Quantity \_\_\_\_\_

**SERVICE ENTRANCE CONDUCTORS:**

Size \_\_\_\_\_      Quantity \_\_\_\_\_ per phase     **Copper**     **Aluminum**

**Interested in Load Management?**  Yes  No    *\*Dual prime meter sockets not allowed - KPC Policy 3.5*

**Emergency Generation on site?**  Yes  No  Interested

**3 Phase Converter:**  Electronic  Rotary  Static    Converter Size: \_\_\_\_\_

Converter Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Model Number: \_\_\_\_\_

**Any changes or additions to electrical service that results in modifications to KPC's facilities may result in added cost to the Cooperative member.**

**Continued on Back**

**AIR CONDITIONING:**  Yes  No Unit Size(s) \_\_\_\_\_ Tons # of Units \_\_\_\_\_

**HEAT PUMP:**  Geo  Air Unit Size \_\_\_\_\_ Tons # of Units \_\_\_\_\_ LRA \_\_\_\_\_ RLA \_\_\_\_\_

**TYPE OF HEAT:**  Electric  Gas KW Load if Electric: \_\_\_\_\_

**ITEMIZED MOTOR LOAD:** 20 HP and larger motors must be approved by KPC Engineer

	Type	Quantity	Unit Amps	Total Amps	Unit HP	Total HP
1.	_____					
2.	_____					
3.	_____					
4.	_____					
5.	_____					
6.	_____					
7.	_____					

**Total Itemized Motor Load:** \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)

**Maximum total HP Starting at same time:** \_\_\_\_\_

**Total Load on System:**

Lighting Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
 A/C Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
 Heat Pump Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
 Heating Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
 Misc. Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
 Motor Load \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)  
**Total Load** \_\_\_\_\_ (Amps) \_\_\_\_\_ (kW)

**Maximum Starting Current Limits**

Single Phase 240 volt:	260 Amps
Single Phase 480 volt:	130 Amps
Three Phase 208 volt:	500 Amps
Three Phase 240 volt:	450 Amps
Three Phase 480 volt:	225 Amps

Notes:  
 1 Starting currents may need to be further limited if they cause adverse affects for other members or if starting frequency exceeds four starts per hour.  
 2 The starting current limitations are applied to the sum of motor starting currents if multiple motors are started simultaneously.

I, the authorized electrician, certify that the above information is accurate. Date \_\_\_\_\_

Electrician Name: \_\_\_\_\_ License # \_\_\_\_\_ Phone # \_\_\_\_\_

\*\*\*\*\*OFFICE USE ONLY\*\*\*\*\*

Engineer	Trans. KVA	Date

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