

◆ TCEMC requires an 93% power factor. Will capacitors be installed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
◆ Would you like TCEMC to conduct a free power factor study?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
◆ Do you prefer overhead or underground primary facilities?	<input type="checkbox"/> OH	<input type="checkbox"/> UGP

Note: For loads exceeding 300 kW, underground facilities are typically required if possible.

Requirements for three phase service:

Overhead

TCEMC to furnish overhead primary conductors, transformer bank, service conductors (OH or UG if terminated outside of building) and metering.

Customer to sign easement, sign 5 year power contract and furnish ditch and conduit for any underground service.

Underground

TCEMC to furnish underground primary conductors, padmount transformer, service conductor connections at transformer and metering.

Customer to sign easement, sign 5 year power contract, furnish ditch and conduit for all underground conductors, pour transformer pad to TCEMC specification and furnish secondary conductors if not terminated outside the building.

Additional cost may be required for excessive distances depending on size and type of load. Normally, TCEMC will build up to 800' of three phase primary at no cost to the customer. Specific requirements will be determined by the field technician when the job order is engineered. Specification drawings for transformer pads, ditches and underground conduit systems will be furnished by TCEMC.

Additional Notes:

◆ Motor starting current restrictions:

Three Phase Motors

Single Phase Motors

50 hp and less	No limiting device
50 hp to 100 hp	300% of full load
100 hp to 200 hp.....	250% of full load
Over 200	* Special Application

5 hp or less	No limiting device
5 hp to 15 hp	300% of full load
Over 15 hp	* Special Application
	* Depends on size and application

- ◆ TCEMC's service is taken at 60 Cycles and cannot be changed. Therefore all motors must be able to operate at this frequency without being damaged.
- ◆ TCEMC offers a wide range of value added services free to our customers including power quality analysis, HVAC planning and load monitoring. Should you have a power quality or energy usage concern or plan to add any load to your operation please contact the Engineering Department in Lafayette at 615-666-2111 or your local office for assistance.
- ◆ Before making a final decision about your heating and cooling requirements please ask your local TCEMC office to schedule you an appointment with our marketing department to discuss possible incentives to install low-cost, high efficiency all-electric facilities.

PLEASE RETURN THIS FORM TO YOUR LOCAL TRI-COUNTY ELECTRIC OFFICE OR TO THE ENGINEERING DEPARTMENT AT:

Tri-County EMC
 Engineering Department
 P.O. Box 40
 Lafayette, TN 37083

YOUR COMPLETION OF THIS FORM WILL MAKE IT POSSIBLE FOR TRI-COUNTY EMC TO BETTER MEET YOUR NEEDS. THANK YOU