



Warren Electric
Cooperative, Inc

POWER REQUIREMENTS CALCULATION FORM p1 of 2

NAME
CONTACT
LOCATION

DATE
TEL
FAX
EMAIL

THIS SERVICE IS FOR A/N

THIS FORM MUST BE COMPLETED FOR NEW SERVICES OR CHANGES TO EXISTING. INCOMPLETE FORMS WILL NOT BE ACCEPTED
FAILURE TO PROPERLY REPORT LOADS AND CHANGES CAN IMPACT THE QUALITY OF SERVICE
IF YOU NEED MORE ROOM, FORM CONTINUES ON BACK. BACK PAGE MUST BE SIGNED AND RETURNED EVEN IF NOT USED.

ARE INVERTERS, CONVERTERS, VFD CONTROLS OR DC MOTORS ON THIS SERVICE? YES NO
IF YES, ATTACH SPECIFICATION SHEETS AND INDICATE NUMBER, SIZE, USAGE, AND CALCULATED CURRENT DISTORTION

OVERHEAD DELIVERY VOLTAGE: 480/277 4W 3Ø Y 240/120 3W 1Ø 12470 4W 3Ø Y

TOT SQ FT OF BUILDING
OFFICE / LIVING SQ FT
MANUFACTURING SQ FT
WAREHOUSE SQ FT

WEC USE

== > IF A PROCESS, A SEQUENCE OF MOTOR STARTING/STOPPING (LOAD PROFILE) IS ALSO REQUIRED < ==

MOTORS OVER 5 HP MUST BE ITEMIZED AND EQUIPPED WITH PART-WINDING/SOFT START PROVISIONS COMPLETED BY WEC

DESCRIPTION OF ELECTRIC POWERED LOAD	QTY	TOT. HP(HP) TONS(T) WATTS (W)	KVA/HP OR NEMA Start Code	Phases	Volts	Amps	Freq (HZ)	Power Factor/ Eff (%)	Daily Running		Diversity Factor	Diversified Load (KW)
									Hrs	Starts		
HVAC (T)												
REFRIGERATION (T)												
ELECTRIC BOILER (W)												
HEAT EXCHANGER (W)												
ELECTRIC HEAT (W)												
WATER HEATER (W)												
HUMIDIFIER (W)												
LAUNDRY EQUIP (W)												
KITCHEN EQUIP (W)												
ELEVATOR (W)												
INTERIOR LIGHTING (W)												
POWER TOOLS (W)												
OFFICE EQUIP (W)												
COMPUTERS (W)												
ELECTRONICS (W)												
SNOW MELTING (W)												
EXT. LIGHTS/ SIGNAGE (W)												
WELDING EQUIP (W)												
Phase Converter (HP)												
Phase Converter (KVA)												
Var. Freq Drive (6-POLE)												
Var. Freq Drive (12-POLE)												
MOTORS < 1 HP												
MOTORS 1 HP												
MOTORS 1.5 HP												
MOTOR 2 HP												
MOTOR 2.5 HP												
MOTOR 3 HP												
MOTOR 5HP												
BUILDING SPACE												
SHEET 1 SUBTOTALS												
SHEET 2 TOTALS												
TOTAL SITE												

THE ABOVE IS A TRUE AND ACCURATE REFLECTION OF EXISTING AND PROPOSED LOADS FOR THIS SERVICE LOCATION
SIGNATURE OF BUSINESS OWNER OR AUTHORIZED AGENT JOB TITLE DATE
X

