

## CUSTOMER LOAD DATA

CUSTOMER'S NAME	ADDRESS	TELEPHONE NO.
CONTRACTOR'S NAME	ADDRESS	TELEPHONE NO.
ELECTRICIAN'S NAME	ADDRESS	TELEPHONE NO.
LOCATION	SERVICE ADDRESS	
PROSPECTIVE NEW CUSTOMER		PROSPECTIVE INCREASE LOAD

### BUILDING INFORMATION

Building Use: \_\_\_\_\_ Expected Hours of Operation \_\_\_\_\_ Square Footage \_\_\_\_\_ Shifts \_\_\_\_\_

#### SERVICE INFORMATION

Existing Service Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase \_\_\_\_\_ WireSize \_\_\_\_\_ Wire#Runs \_\_\_\_\_ 3-Wire  4-Wire  CU  AL

Service Desired Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase \_\_\_\_\_ WireSize \_\_\_\_\_ Wire#Runs \_\_\_\_\_ 3-Wire  4-Wire  CU  AL

Date Service Desired \_\_\_\_\_ Number of Existing Meters \_\_\_\_\_ Number of New Meters \_\_\_\_\_

Size of Main Panel \_\_\_\_\_ Amps \_\_\_\_\_ Rate Classification \_\_\_\_\_

Metering Requirements \_\_\_\_\_ Load Management? Yes No

Request Fault Current? No Yes (Submit request form)

### CONNECTED LOADS

	Existing	New/Increase		Existing	New/Increase
Air Conditioning	HP/TONS	_____	Motor Load	HP	_____
Cooking Equipment	KW	_____	Refrigeration	KW	_____
Heating Load	KW	_____	Storage Heat	KW	_____
Lighting Load	KW	_____	Water Heating	KW	_____
Receptacles	KW	_____	Special Equip. (Welder, X-Ray, Etc.)	KW	_____
Miscellaneous	KW	_____			
Total Connected			Estimated Demand		KW

Emergency Generator No Yes Size \_\_\_\_\_ Switch Type \_\_\_\_\_

List all individual motors over 5 HP (Circle those included above) \_\_\_\_\_

(Single phase motors over 5 HP and three phase motors over 10 HP required reduced voltage starting) (Use back of sheet if necessary)

Miscellaneous Motors \_\_\_\_\_

This data will be used for transformer sizing and connected load billing information for this account. If load changes significantly, contact the District Office.

Completed by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Accepted by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

(Utility Representative)

### For Utility Use Only

District \_\_\_\_\_ Town \_\_\_\_\_

Circuit \_\_\_\_\_ Line Name \_\_\_\_\_ Pole/Pad Number \_\_\_\_\_

Present Demand \_\_\_\_\_ Expected Increase \_\_\_\_\_ Expected Total Demand \_\_\_\_\_

Transformer KVA Size \_\_\_\_\_ Metering Requirement \_\_\_\_\_

Estimated Annual Revenues \_\_\_\_\_

From: \_\_\_\_\_ Dept. \_\_\_\_\_ Date \_\_\_\_\_

TO: ENGINEERING METERING DISTRICT SUPERINTENDENT ENERGY SERVICES  
 ENERGY PLANNING CUSTOMER SERVICES DISTRICT MANAGER  
 OTHER \_\_\_\_\_

## VERMONT UTILITIES ELECTRIC SERVICE REQUIREMENTS

# FAULT CURRENT REQUEST

Requesting Party Name \_\_\_\_\_ Address \_\_\_\_\_ Phone # \_\_\_\_\_

Business/Owner \_\_\_\_\_ Address \_\_\_\_\_ Phone # \_\_\_\_\_

Service Location \_\_\_\_\_ Address \_\_\_\_\_

Rating of Service Entrance Equipment: \_\_\_\_\_ Amperes \_\_\_\_\_ Volts

Number of Runs \_\_\_\_\_ Single Phase \_\_\_\_\_ Three Phase \_\_\_\_\_ Service Equipment is New \_\_\_\_\_ Existing \_\_\_\_\_

Secondary conductor size \_\_\_\_\_ & type CU \_\_\_\_\_ AL \_\_\_\_\_

Secondary distance from transformer terminals \_\_\_\_\_

## For Utility Use Only

Location for which short circuit currents were calculated by

- \_\_\_\_\_ A. Transformer secondary terminals
- \_\_\_\_\_ B. Weatherhead
- \_\_\_\_\_ C. Pedestal, Meter, Utility Pole
- \_\_\_\_\_ D. Other

Value of SYMMETRICAL short circuit currents resulting from calculation:

\_\_\_\_\_ Amperes at \_\_\_\_\_ Volts line-line

\_\_\_\_\_ Amperes at \_\_\_\_\_ Volts line neutral

### Values used in calculation:

Transformer size \_\_\_\_\_ Va, single phase \_\_\_\_\_, three phase \_\_\_\_\_,

Transformer impedance \_\_\_\_\_ %, nominal secondary voltage \_\_\_\_\_,

### Copies of this sheet sent to:

\_\_\_\_\_ Requester  
\_\_\_\_\_ Owner of property  
\_\_\_\_\_ Architect associated with project  
\_\_\_\_\_ Consulting Engineer associated with project  
\_\_\_\_\_ State Wire Inspector

### Form completed by:

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

## VERMONT UTILITIES ELECTRIC SERVICE REQUIREMENTS