

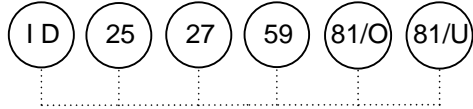
PROTECTION LEGEND:

- I D - Islanding Detection
- 25 - Synchronism Check
- 27 - Under-Voltage
- 59 - Over-Voltage
- 81O - Over-Frequency
- 81U - Under-Frequency

BC Hydro Distribution System 120 / 240 V Service

Interconnection Protection Functions

[Note 4]



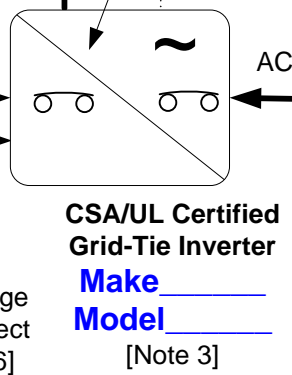
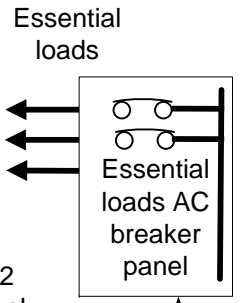
NOTES FOR CUSTOMER:

1. Title and drawing has to be site specific.
2. Bold red markings are requirements; blue markings are minimum information needed in this single line diagram.
3. Certain inverter may not have internal disconnect.
4. Protection schematic shown is for micro-DG systems. Refer to Table 5 for requirements on specific systems.
5. Location and specification of D1 is given by requirements of CE Code Section 84 and BC Hydro.
6. Location and specification of D2 and D3 are given by CE Code Section appropriate to DG technology.
7. Delete this box in your (Customer) application

DG Source:
Solar PV,
Fuel Cell,
Hydro or Wind

Make _____
Model _____

Electrical Storage Device



Internal transfer switch

D1 Label:
"DG System Disconnect Means"
 (near Revenue Meter) [Note 5]

Service entrance

BC Hydro Revenue Meter

Label:
"Two power source, parallel system"

Local loads

Existing installation

Main AC breaker panel

Contractor:

**Single Line Diagram for [_____ Customer Name _____]
Inverter-Based Solar PV, Fuel Cell, Hydro, or Wind Power System
 Interconnected to BC Hydro Distribution System**

This single line diagram is intended for use during the application for interconnection. It is not intended to be used for system design or installation.

DRAWING NO.	REV 1
SCALE: NOT TO SCALE	SHEET

Submitted by: _____

Date: _____

Project Description: _____

Site Location or Street Address: _____