

Notes:

1. Wiring arrows indicate direction of electrical energy flow.
2. Grid-connection safety requirements are given by the Canadian Electrical Code Section 84, and the Wires Service Provider.
3. All components shall meet Canadian electrical product certification standards.
4. All components shall contain nameplate labels indicating the acceptable Certifying Organization.
5. An inverter with a Canadian Certification Mark thus meets the CSA's standard C22.2 No. 107.1 for utility grid-connection.
6. Separate Grid Disconnect is optional and may or may not be required by the Wires Service Provider.
7. If installed, Grid Disconnect shall comply with Canadian Electrical Code Rule 84-024 (2006).
8. Generator Disconnect and Grid Disconnects may be integral to the inverter.

Mini Micro-Generation Source

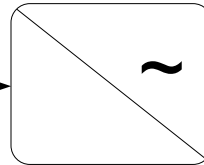
- Solar PV DC
- Micro-wind DC or AC
- Stirling engine DC or AC
- Micro-hydro DC or AC
- Biomass DC or AC
- Fuel cell DC
- Other: _____

Type of Generator Interface

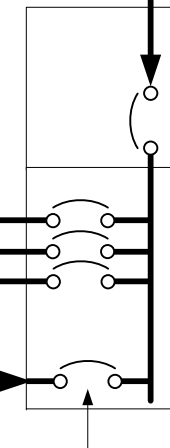
- DC to AC Inverter
- AC to DC to AC Inverter
- Non-Inverter with anti-islanding protection (equivalent to inverter)



Generator Disconnect



Grid Disconnect

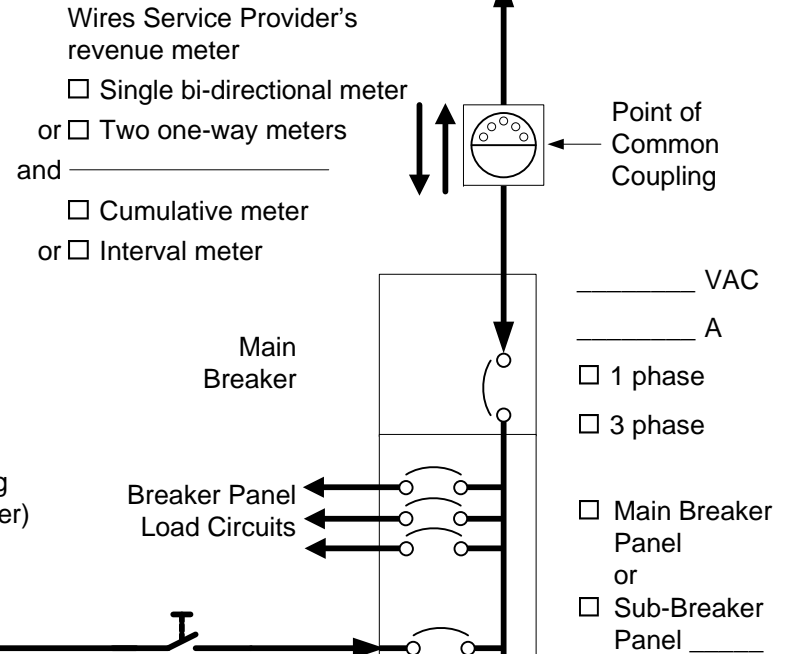


Breaker Panel Load Circuits

Breaker with no "line" and "load" markings

Wires Service Provider: _____

Electric Distribution System



Mini Micro-Generator

Brand: _____
 Model: _____
 Rated capacity: _____ kW
 Certification Mark: _____
 Location on site: _____

Generator to Utility Interface

Brand: _____
 Model: _____
 Rated capacity: _____ kW_{AC}
 Certification Mark: _____
 Location on site: _____

Will not be installed

Will be installed

Location on site: _____

	Site Name: _____		Drawn by: _____		
	Single Line Diagram for Grid-Dependent, Mini Micro-Generator Connected to the Wires Service Provider's Electrical Distribution System			Drawing Date: _____	
	This single line diagram is intended for use in permitting and grid-connection approvals. It is not intended to be used for system design or installation.			Site Description: _____	
				Site Location: _____	
DRAWING NO. _____		REV _____			
SCALE: NOT TO SCALE					