Standard Meter Station Diagram
Plan 5A

Notes:
1. Export meter connect "Line out" terminal to the grid is opposite to the import meters.

2. AS 4777 states that an "earth leakage breaker" should not be used in this circuit.

3. The distributed generation can be either or both uncontrolled phases. This diagram shows the distributed generation connected to the "red" phase.

Neutral

Single neutral lug on stud insulated from earth

Earth Metal Meter Box

Earth Bar

Neutral Bar

Removable Link

Earth Electrode

Switchboard (Internal)

Meter Station (External)

Any phase may be selected as the controlled phase

Distributed Generation Circuit
See note 2

24 Hour Load Circuit

Controlled Load

24 Hour Meter

Ripple Control Receiver

HRC or MCB (Max 20A)

24 Hour Isolation Switch

Export Meter

Import Meter

Neutral

Northpower