

# Shutdown and Isolation Procedure

## Solar System

Emergency shutdown will provide a simple method to de-energize solar system easily to ensure a safe condition on the roof of a building during a fire, error or maintenance of the system.

**STEP 1:** Turn off the “MAIN SWITCH (INVERTER SUPPLY)” and “INVERTER AC ISOLATOR” These are located in your switchboard and/or adjacent to you inverter:

MAIN SWITCH  
(INVERTER SUPPLY)

INVERTER A.C.  
ISOLATOR

**SHUTDOWN PROCEDURE**

1. Turn off the “MAIN SWITCH (INVERTER SUPPLY)” and “INVERTER AC ISOLATOR”
2. Turn off the “PV ARRAY DC ISOLATOR” next to the inverter.

WARNING: DO NOT OPEN PLUG AND SOCKET CONNECTS OR PV STRING ISOLATORS WHILE SYSTEM IS UNDER LOAD

PV Array open circuit voltage \_\_\_\_\_ VDC  
PV Array short circuit current \_\_\_\_\_ A

**STEP 2:** Turn off the “PV ARRAY DC ISOLATOR(S)” next to the inverter or inbuilt in the inverter

Note there may be more than one.

PV ARRAY  
D.C. ISOLATOR

### ADDITIONAL STEP FOR OFF GRID SYSTEMS:

Pull down battery isolator fuse. Do this sharply and smoothly to avoid arcs.

*Your solar PV system should now be completely switched off. All lights and screen displays will be dead. Keep the system off for a minimum of five minutes.*

### STEP 3: START UP PROCEDURE

To re-start your system, follow this guide in reverse order.

- i.e. DC isolator on first, followed by AC isolator, followed by your solar supply main switch.