

## **START-UP & SHUTDOWN PROCEDURES & MAINTENANCE GUIDELINES**

### **SHUTDOWN SYSTEM**

1. Turn off the main DC battery isolator (if system has Powerwall).
2. Turn off the Solar Array AC Main Switch located in the switchboard or next to the inverter.
3. In case you have 2 AC Switches, both have to be shutdown.
4. Turn off the Solar Array DC Main Switch located next to the inverter.
5. Please also check the shutdown procedure on the main switchboard.

### **TO RESTART THE SYSTEM**

1. Turn on the Solar Array DC Main Switch located next to the inverter.
2. Turn on Solar Array AC Main Switch located in the switchboard and/or next to the inverter.
3. Turn on the main DC battery isolator (if system has Powerwall).

### **MAINTENANCE OF SOLAR ARRAY**

- If the angle of the PV module is 10 degrees or more, normal rainfall is sufficient to keep the module glass surface clean under most weather conditions.
- There are no user serviceable parts in the system.
- Under no circumstances should the solar inverter be opened or unplugged.
- We recommend that your system is inspected by a Clean Energy Council Accredited Installer every two year.
- To confirm the operation of your system, check inverter display while full sun is shining on your panels.

**If the inverter displays a ground fault alarm or any fault contact FAST EEC for assistance (refer to your inverter owner's manual).**

**If you have any other questions about maintenance on you new Solar System, please call FAST EEC on 07 5502 8646**

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### Maintenance Log (inspection every 2 years)

Ref Australian/New Zealand Standard 5033 – Installation of Photovoltaic arrays.

**MAINTENANCE CHECKLIST:** To be completed by the CEC accredited person checking system

	Result <u>OK</u> or rectification required ( <u>RECT</u> )	Comments if rectification	Action taken to rectify
Check PV modules for visual defects			
Check module junction boxes			
Check wiring, junction boxes & connections			
Check mounting system			
Check switches and isolators			
Check cable integrity			
Check conduit integrity			
Check system performance			
Check labeling is still in place			
Check roof penetrations			
	YES/NO	Output prior to clean	Output after clean
Clean panels			

<b>CEC accredited full name:</b>	<b>Date tested:</b>
<b>CEC accredited number:</b>	<b>Signature:</b>