

Zero-Export Limiter Device Approval

This form is required to be completed for PWC engineers to assess proposed zero-export limiting devices. Please ensure that the document is completed in full before submitting to:

NetworkDevelopmentPlanning.PWC@powerwater.com.au

Notification of the outcome of assessment will be sent via email and devices that are successful will be added to the approved Zero-Export Limiter Device List.

Please attach datasheets, single line diagrams and state diagrams.

Zero Export Limiter Device Details

Please complete all fields.

Manufacturer: _____

Model: _____

Protection Functions	Setting	Available and can be set to settings shown (✓)	Can be disabled (✓)	Protection Function Unavailable (✓)
Reverse Power Limit	1% of Inverter Rating, 5 sec definite time delay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under-Voltage	$\leq 210 V_{LN}$ or $364 V_{LL}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Over-Voltage	$\leq 253 V_{LN}$ or $438 V_{LL}$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Under-Frequency	≤ 46 Hz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Over-Frequency	≥ 54 Hz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Islanding Period	< 2 seconds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active Anti-Islanding	As per AS 4777.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auto Synchronisation	> 1 minute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reconnection Time	> 1 minute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Control and Protection Philosophy

Please provide an explanation of the control and protection philosophy of the Zero-Export limiter device. It is a requirement that all zero-export limiting devices achieve zero-export in all conditions including any faults and communication failure.

Zero-Export Control Philosophy Normal Operating Conditions:

Zero-Export Control Philosophy Abnormal Conditions (Comms Failure, Hardware Failure, etc):
