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Enquiries to George Nesic  
Telephone 08 8429 3295

**ENERGY & TECHNICAL  
REGULATION**

**OFFICE OF THE  
TECHNICAL REGULATOR**

GPO Box 320  
ADELAIDE SA 5001

Telephone: 08 8226 5500  
Facsimile: 08 8226 5866  
[www.sa.gov.au/otr](http://www.sa.gov.au/otr)

**SolShare additional OTR tests**

The following 2 tests are to be conducted when the inverter energy system is exporting power:

	<b>Failure mode description</b>	<b>Test Method</b>
Test 1	The tails of a SolShare Current Transformer (CT) in a building meter board are disconnected from the SolShare; or the tails are cut inadvertently or deliberately by an Electrical Worker.	Removal of a CT tail at the SolShare. The PV inverter's anti-islanding protection needs to operate within 120 seconds of removal of the SolShare's CT tail. The test must be conducted on each phase, at least once, for each SolShare installed at the site.
Test 2	Electrical Worker isolates a single unit at the meter isolator without isolating solar supply to that unit beforehand. If the PV inverter does not shutdown there is risk of electric shock.	Open a single meter isolator. The PV inverter's anti-islanding protection must operate within 2 seconds. The test must be conducted on each phase, at least once, for each SolShare installed at the site.

The additional tests are to be witnessed by SA Power Networks personnel where applicable e.g., where SAPN attend site to witness commissioning and compliance testing.

The test results are to be recorded on the Electronic Certificate of Compliance by the commissioning electrical contractor / worker.

The electrical worker/s conducting the 'removal of CT' test, must follow applicable safe working procedures in accordance with relevant safe work Regulations.

The OTR tests are intended to simulate a random and partial test of the SolShare product during its normal operation. This does not exempt other more comprehensive testing from being carried out by the electrical installer, to ensure the SolShare product functions safely and as intended. The SolShare product must also be commissioned and tested in accordance with the manufacturer's instructions and AS/NZS 3000 *Wiring Rules*.

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