NSW GOVERNMENT

NSW CER Installer Portal Training for Installers & Applicants

QUICK REFERENCE GUIDE

PERFORM REGISTRATION VERIFICATION TESTING

This guide covers how to run the Registration Verification Test in the NSW CER Installer Portal and provides a quick reference for test types and DNSP support.

Note: The Registration Verification Test confirms that the DNSP recognises your device and its software communication client. It is performed on the OEM's software application, not the NSW CER Installer Portal itself.

When to Perform:

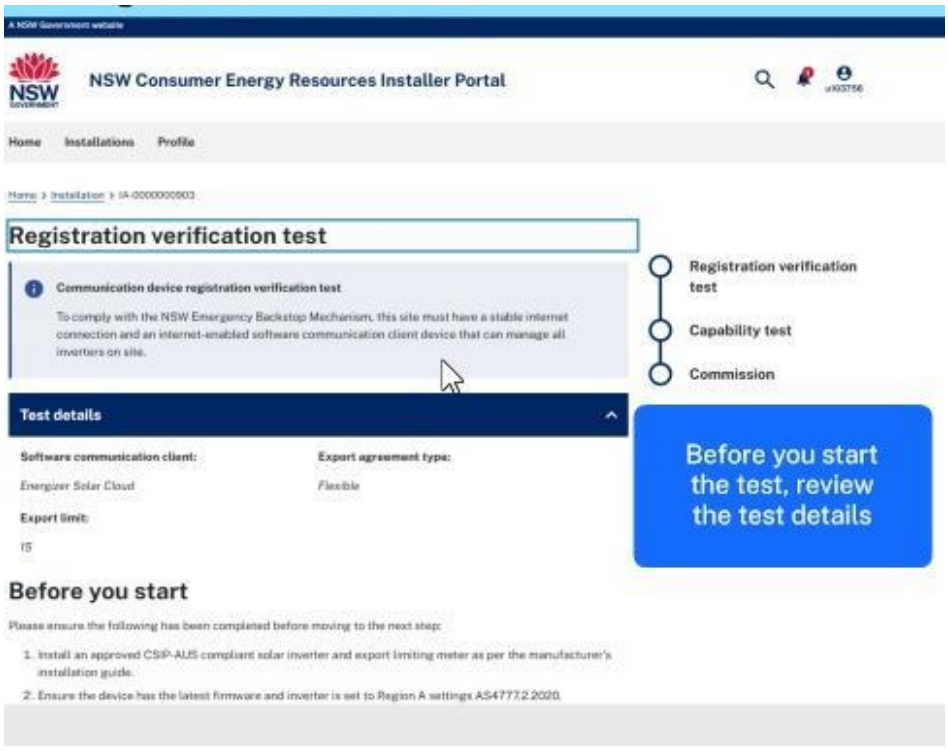
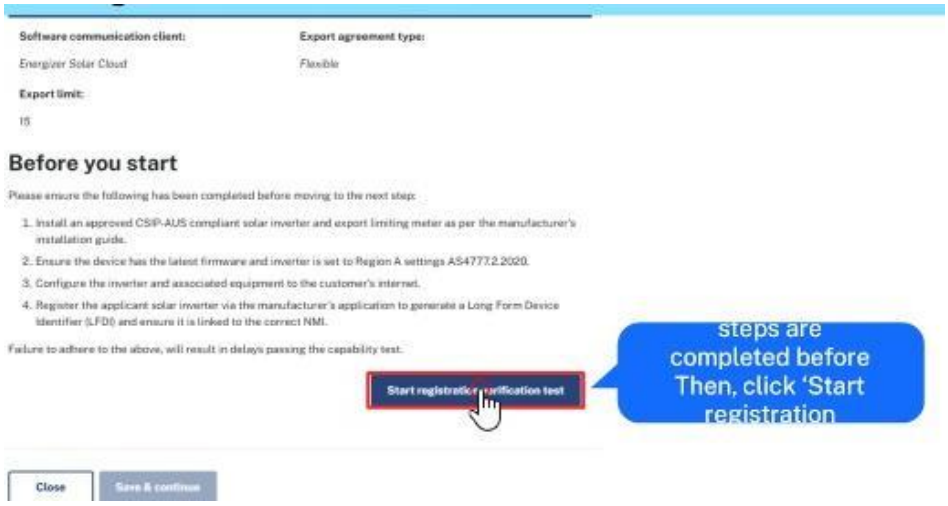
- When the installation notification is successfully submitted in the previous stage, OR
- When the installation status shows Awaiting Device Registration.

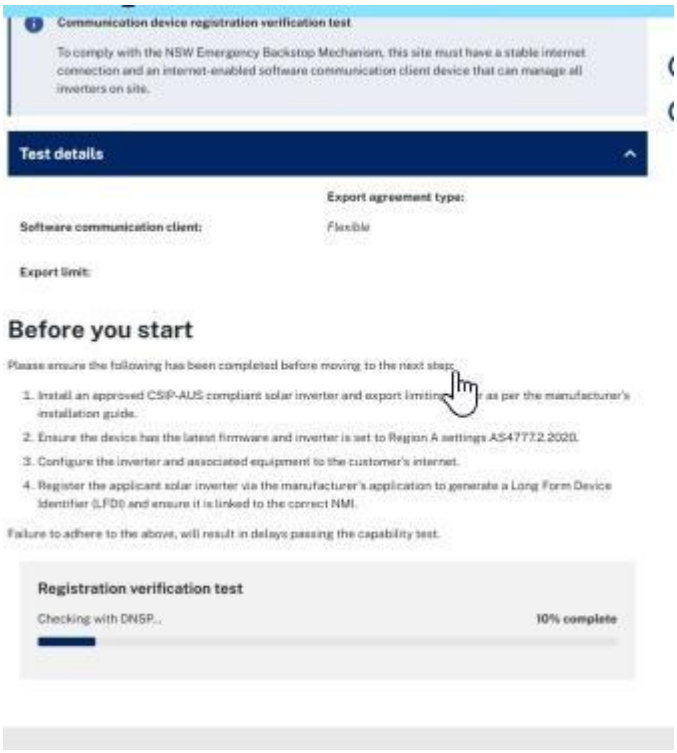
Before You Start — Prerequisites:

- Install an approved CSIP-AUS compliant solar inverter and export limiting meter as per the manufacturer's installation guide.
- Ensure the device has the latest firmware and inverter is set to Region A settings AS4777.2:2020.
- Configure the inverter and associated equipment to the customer's internet.
- Register the applicant solar inverter via the manufacturer's application to generate a Long Form Device Identifier (LFDI) and ensure it is linked to the correct NMI.

Failure to adhere to the above will result in delays passing the Capability Test. To comply with the NSW Emergency Backstop Mechanism, the site must have a stable internet connection and an internet-enabled software communication client.

Part A — How to Run the Registration Verification Test

Action	Screenshot
Step 1 a) On the **Registration verification test** screen, review the **Test details** (software communication client, export agreement type, export limit). b) Review the **Before you start** checklist before proceeding.	
Step 2 a) Once all four prerequisite steps are complete, click **Start registration verification test**.	

Action	Screenshot
Step 3 a) Monitor the progress bar as the NSW CER Installer portal checks with the DNSP.	
Step 4 a) Once you see the success message ("Communication device registration verification successful"), click Save & continue. b) You can then proceed to the Capability Test.	

Part B — Quick Reference

Which Test to Perform

	In-Band Testing (Default — All DNSPs)	Out-of-Band Testing (Essential Energy only)
Applies when	Registering the device through the OEM app. This is the default method and should be used first in all cases.	Registering the solar inverter via the manufacturer's software application to generate a Long Form Device Identifier (LFDI) and link it to the correct NMI. For Essential Energy customers only.
Steps	• 1. Open the OEM app on your device • 2. Run the verification test • 3. View progress in the portal • 4. Receive success confirmation • 5. When successful, proceed to the Capability Test	• 1. Retrieve the 40-digit LFDI from the OEM app • 2. Enter the LFDI in the portal • 3. Restart verification • 4. Receive confirmation

DNSP Support by Test Type

Test Type	Ausgrid	Endeavour Energy	Essential Energy
In-band	✓ Supported	✓ Supported	✓ Supported
Out-of-band	✗ Not supported	✗ Not supported	✓ Supported

Pass / Fail Outcomes

Outcome	What It Means	What To Do
Pass	On-screen message: "Communication device registration verification successful." The device's registration has been confirmed by the DNSP.	• Click Save & continue to proceed to the Capability Test.
Fail	The verification test did not complete successfully.	• Repeat the steps for the test type you're using (in-band or out-of-band). • Confirm the prerequisites (firmware, internet connection, LFDI/NMI linkage) are still met. • If the problem continues, contact CER Installer Portal support.

Internet Connectivity

- Required for portal verification: an internet connection is needed to complete device registration in the CER Installer Portal.
- Must connect to OEM and DNSP: your device must be able to communicate with both.
- Confirm connectivity before starting: always check your connection is stable.
- Mobile hotspot is an option: if no fixed connection is available, a mobile hotspot can be used as a temporary solution.
- Issues may block capability testing: connectivity problems may prevent completing registration or the Capability Test.

Portal Support Contact

CER Installer Portal support: 13 77 88 — Monday to Friday, 7am–7pm.

DNSP Support Contact

For connectivity or DNSP-network issues, contact your Distribution Network Service Provider (DNSP).

OEM Support Contact

For device registration related issues, contact your Original Equipment Manufacturer (OEM).