

FAQ: Changes to Inverter Standards

AS/NZS 4777.2:2020 Amd 2:2024 effective from 23 August 2025

1. Why do we need to change to a new version of AS/NZS 4777.2?

In August 2024, Standards Australia released a second amendment of AS/NZS 4777.2 Grid connection of energy systems via inverters Part 2: Inverter requirements (AS/NZS 4777.2:2020). The amendment introduced a small number of changes to improve both the performance and compliance of inverters on the electricity supply network and support suitable requirements for electric vehicles. These changes will support the continued increase of solar Photovoltaic (PV), batteries and electric vehicles. Manufacturers will update and recertify their products with the Clean Energy Council (CEC) as AS/NZS 4777.2:2020 Amd 2:2024 compliant.

2. When do I need to start installing AS/NZS 4777.2:2020 Amd 2:2024 compliant inverters?

You can apply for a connection with a AS/NZS 4777.2:2020 Amd 2:2024 inverter already. However, from **23 August 2025** it will be **mandatory** to install a AS/NZS 4777.2:2020 Amd 2:2024 compliant inverter.

3. What region setting do I need to meet?

The power quality settings are defined by region of installation: Australia A, B and C. The table below provides a list of the regions and the corresponding Distribution Network Service Provider (DNSP):

Region	Distribution Network Service Provider (DNSP)
Australia A	Ausgrid, AusNet Services, Endeavour Energy, Essential Energy, Ergon Energy and Energex, Evoenergy, Jemena, CitiPower, Powercor, United Energy, SA Power Networks and Power & Water
Australia B	Western Power
Australia C	Horizon Power, TasNetworks and Power & Water

4. What DNSP connection standards do I need to meet?

In addition to AS/NZS 4777.2:2020 Amd 2:2024 you will also need to meet any relevant DNSP network standards. Please liaise with your relevant DNSP to confirm their additional requirements before you undertake your installation.

5. If I have a valid contract in place for a AS/NZS 4777.2:2020 Amd 1 compliant inverter before the 23 August 2025, can I install after the 23 August 2025?

This will be different for each DNSP. Please liaise with your relevant DNSP to confirm their additional requirements before you undertake your installation.

6. When is the last date I can apply for a AS/NZS 4777.2:2020 Amd 1 compliant inverter?

Please liaise with your relevant DNSP as this date may be different for each. Be aware that DNSP require adequate time to assess and process.

7. What if I haven't accepted an offer for contract for a AS/NZS 4777.2:2020 Amd 1 compliant inverter before the 23 August 2025?

If a connection offer is made by the DNSP to an applicant but not accepted prior to 23 August 2025, then it will no longer be considered valid. If the applicant still wishes to connect an inverter to the grid, the applicant will need to either amend or submit a new application, depending on processes of the DNSP.

8. Can I still install a warranty replacement?

An inverter compliant with an earlier version of AS/NSZ 4777.2 can be replaced under warranty where:

- » The replacement inverter is the same make and model (like-for-like)
- » The replacement is for warranty purposes
- » The inverter is set up to comply with the existing connection agreement.

Warranty replacements must be approved by DNSPs before they are installed.

Where the above requirements are not met an AS/NZS 4777.2:2020 inverter, compliant with the latest standards will be required.

9. How do I know if an inverter is compliant with AS/NZS 4777.2:2020 Amd 2:2024?

Most DNSPs use the 'Approved Inverter' listing from the Clean Energy Council (CEC) website as their approved inverter product list and many use it to populate the inverters listed in their DNSP's Customer Portals. When submitting an application, you should select an AS/NZS 4777.2:2020 Amd 2:2024 compliant inverter from the CEC list.

On 23 August 2025, any relevant inverter for which a compliance declaration to AS/NZS 4777.2:2020 Amd 2:2024 has not been provided and verified by the Clean Energy Council, will be removed from the product list.

See the Clean Energy Council website for more [information](#) and to [view inverters](#) approved to the updated standard.

10. Why are there differences across Australia?

This could be due to a range of differences such as local regulatory requirements or decisions by local regulatory authorities.

For more information, please contact your relevant DNSP on the following emails:

State/Territory	DNSP	Email
ACT	Evoenergy	embeddedgeneration@evoenergy.com.au
NSW	Ausgrid	eg@ausgrid.com.au
	Essential Energy	aspinfo@essentialenergy.com.au
QLD	Ergon Energy	ergongeneration@energyq.com.au
	Energex	energexgeneration@energyq.com.au
VIC	Jemena	Generation_Enquiries@jemena.com.au
	CitiPower/Powercor	newenergyservices@powercor.com.au
	United Energy	For negotiated connections: embeddedgeneration@ue.com.au For basic connections newenergyservices@ue.com.au
	AusNet Services	preapprovals@ausnetservices.com.au
SA	SA Power Networks	customerservices@sapowernetworks.com.au
TAS	TasNetworks	newsupply.applications@tasnetworks.com.au
WA	Western Power	https://www.westernpower.com.au/contact-us/
	Horizon Power	renewables@horizonpower.com.au
NT	Power and Water	connect.me@powerwater.com.au