Steps to **connection**

All new, upgrading and replacement rooftop solar systems, with 200kVA of capacity or less, must be emergency backstop enabled. To be emergency backstop enabled, a solar system must be able to communicate using the Common Smart Inverter Profile Australia (CSIP-AUS) technology protocol and be connected to the internet.

Before you go

Presale

- Consult with the customer to understand their requirements and explain the solar installation process
- Check the Clean Energy Council website for approved CSIP-AUS ready inverters and software communication clients
- Check our website for onboarded inverters
- Confirm the customer has a reliable internet connection

Application and Offer

- Check with the manufacturer to make sure you have the required hardware for the installation, including an export limiting meter
- Submit a pre-approval application and ensure it is in an **approved and valid** state before attending site
- Advise customer of the outcome

eConnect submit pre-approval request

While on site

Register

- Register the customer's solar inverter via the manufacturer's app
- Create and verify a Long Form Device Identifier (LFDI) for the inverter
- Confirm the successful registration with United Energy

Install

- Install an approved CSIP-AUS solar inverter and export limiting meter as per the manufacturer's installation guide
- **Ensure the device has the latest firmware.** Check the inverter is set to Region A settings AS4777.2.2020
- Configure the inverter and associated equipment to the customer's internet

Test
(about 10 minutes)

- Ensure the system is generating at least 1000W before starting the test
- Initiate the capability test
- Confirm the capability test is successful

eConnect submit alteration request

Close Out

- Arrange LEI site sign off
- Submit a Certificate of Electrical Safety (CoES)

After the solar alteration request has been completed and paperwork validated by CitiPower/Powercor the DER will be registered and confirmed.

Only then will the approved export limit be activated.

CitiPower Powercor