Vehicle-to-grid installations

Vehicle-to-Grid (V2G) technology is becoming more common. Our existing processes capture these installations and make applying for V2G as simple as a rooftop solar connection.

For V2G installations, it's important to provide information about the charger, which must be on the CEC approved list.

The bi-directional charger will be:

- included in site capacity calculations
- included in calculations for total site export limits.

Note: The following steps outline the requirements when completing a solar pre-approval (for export approval) and alteration request for V2G installations. All other fields should be completed as they have been previously.

Solar Pre-approval

Request details

There is no requirement to select the **Electric Vehicle** checkbox

Generation details

When completing the following fields:

Inverter rated output (kW/kVA): Total includes all inverters on site + **charger**

Proposed export amount (kW/kVA): Total includes solar + battery + **V2G**

Alteration request

DER Register information

Enter the device as:

Type: Storage

Sub-type: Electric Vehicle
Note: Only enter it this way if being used for V2G, otherwise it remains just a battery

DER Communication Capability Test

Disable any connected energy storage devices (e.g. home battery, vehicle-to-grid, electric vehicle) before undertaking the capability tests

If you are only installing a V2G charger (e.g. there is a pre-existing rooftop solar installation), **the new charger will be exempt from the Emergency Backstop**.

Please call our New Energy Services Team on **1800 772 940** or email **newenergyservices@ue.com.au** to discuss your alteration request.