

AusNet Services Embedded Generator (EG) Connection Agreement up to 30kVA

EG Type	<input type="checkbox"/> Solar <input type="checkbox"/> Wind	<input type="checkbox"/> Solar <input type="checkbox"/> Wind	<input type="checkbox"/> Solar/Wind Combined	<input type="checkbox"/> Other.....	<input type="checkbox"/> Other.....
System Size Limit	Up to 4.6kVA	4.6kVA- 30kVA <input type="checkbox"/> Pre-Approval Submitted	4.6kVA- 30kVA <input type="checkbox"/> Pre-Approval Submitted	Up to 4.6kVA	4.6kVA- 30kVA <input type="checkbox"/> Pre-Approval Submitted
Customer Phases	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>
Energy Storage	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes

SECTION 1: INSTALLATION DETAILS (to be completed and signed by the Installer)

Installer Company Name				Installer Phone Number	
Installer Company Address					
Total Installed Capacity (Total rating of, all solar panels, all turbines, or all other energy sources)	_____ kVA		Export Limit (if applicable) (maximum amount to be exported into the electricity grid)	_____ kVA per Phase	
Installed Capacity Per Phase (mark N/A for phases not available)	Phase A: _____ kVA	Phase B: _____ kVA	Phase C: _____ kVA		
Inverter Power Rating (1 hour or continuous rating)	_____ kVA				
Operating Manual Provided to Customer	<input type="checkbox"/> Yes	Instructed Customer in Operation of system			<input type="checkbox"/> Yes

By signing this agreement, you acknowledge and represent that the information provided is true and correct.

Installer Name: _____ Installer Accreditation No. _____

Installer Signature: _____ Date: _____

SECTION 2: INSTALLATION COMPLIANCE (to be completed and signed by the Registered Electrical Contractor)

Inverter Number of Phases	<input type="checkbox"/> Single phase 230V <input type="checkbox"/> Two phase 230/400V	<input type="checkbox"/> Three phase 400V <input type="checkbox"/> Two phase 230/460V	Access to Meter, Switchboard	<input type="checkbox"/> Yes <input type="checkbox"/> No
Load Number of Phases	<input type="checkbox"/> Single phase 230V <input type="checkbox"/> Two phase 230/400V	<input type="checkbox"/> Three phase 400V <input type="checkbox"/> Two phase 230/460V		

INVERTER TEST RECORDS This test must be conducted at a time of day when the prevailing weather conditions allow the PV system to be producing at least a minimum output. This must be greater than 20% of the rated output of the PV array or the inverter (whichever is less)

<u>INVERTER TYPE¹</u>	<u>Inverter Make</u>	<u>Inverter Model</u>
MICRO INVERTERS Yes <input type="checkbox"/> No <input type="checkbox"/>
ANTI ISLANDING OPERATION	<u>Inverter Power Rating</u>	Total Inverters Installed

Test 1: Time for inverter/s to disconnect. Must be < 2 seconds to pass	<u>Measurement</u>	<u>Result (please circle one)</u>
	_____ Seconds	Pass/Fail
Test 2: Time for inverter to reconnect. Must be > 60 seconds to pass		
	_____ Seconds	Pass/Fail

¹Duplicate this table for each inverter type and attach to this agreement.

AusNet Services Embedded Generator (EG) Connection Agreement up to 30kVA

By signing this agreement, you acknowledge and represent that the information provided is true and correct and that:

- the minimum requirements set out for PV systems up to 3.5kVA/phase (SWER System) up to 4.6kVA/phase (on a Single Phase) and 5kVA/phase (on a Three Phase System) have been met;
- the EG complies with the *Electricity Safety Act 1998* (Vic) and associated Safety Regulations, the Electricity Distribution Code, the Victorian Service & Installation Rules, AS/NZS3000 (Wiring Rules) and AS4777 (Grid Connection of Energy Systems via Inverters), and any other relevant Acts, regulations, standards or guidelines;
- the EG is connected to a dedicated circuit complete with lockable isolating switch at the switchboard;
- the main switchboard, isolating fuse/switch/circuit breaker are labelled correctly;
- alternative supply signage has been installed;
- commissioning tests as specified in the Service & Installation Rules, by AusNet Services, and in section 2 of this agreement have been completed and passed;
- a Prescribed Certificate of Electrical Safety (CES) has been obtained with copies of the Electrical Works Request and CES to be sent to the EG owner's Retailer and a copy of this agreement is to be sent directly to AusNet Services; and
- the EG owner has been advised that the EG should remain switched off until any metering upgrades are complete to avoid potential metering and billing issues.

TESTS UNDERTAKEN BY:

Licensed Electrical Installation Worker Name: _____

Licence No. _____ Date: _____

Signature: _____

SECTION 3: EMBEDDED GENERATOR (EG) OWNER DETAILS (to be completed and signed by the EG owner)

Customer Name			Customer NMI (Refer to your electricity bill)	
Supply Address			Mailing Address	
Phone Number	Business Hours:	After Hours:		
Existing Meter Number				

CUSTOMER ACKNOWLEDGEMENT, INDEMNITY AND RELEASE

By signing and returning this agreement, and in consideration of AusNet Services allowing you to connect your EG to the distribution network, you acknowledge and represent that you have read, understand and agree to comply with the following connection obligations, and specifically that you:

- are the owner of the EG listed under the Supply Address in section 3 above;
- confirm all installation details are correct as described in Section 1 above;
- have received an EG operating manual from, and been instructed on the operation of the EG by, the Installation Company detailed in section 1;
- will regularly maintain the EG to confirm its correct performance in accordance with this agreement and keep records of the maintenance performed;
- will ensure that the EG and any equipment within it that is connected to the Victorian electricity grid complies with the Electricity Distribution Code, the *Electricity Safety Act 1998* (Vic) and associated Safety Regulations, all relevant Australian Standards and is maintained in a safe condition;
- accept that this agreement allows you to connect the EG detailed in this agreement to the Victorian electricity grid, and that you must obtain prior written approval from AusNet Services to alter your EG in any way;
- release and indemnify and agree to keep indemnified AusNet Services, its officers, employees and agents against all actions, proceedings, claims and demands whatsoever which may be brought, including any indirect or consequential loss or any other form of pure economic loss, made or prosecuted against them or any of them by any person in respect of the installation of your EG, particularly in relation to works completed by the Installation Company detailed in section 1 or the compliance certification provided by the registered electrical contractor in section 2, or in respect of connection of your EG to the Victorian electricity grid; and
- in accordance with the Electricity Distribution Code will disconnect, or will allow AusNet Services to disconnect, your EG from the Victorian electricity grid if the EG or any equipment within it breaches the requirements of the *Electricity Safety Act 1998* (Vic), any associated Safety Regulations or is not in compliance with any relevant Australian Standards.

Customer Name: _____ Customer Signature: _____ Date: _____

PRIVACY STATEMENT: The personal information you provide in this agreement will be collected by AusNet Services for the purpose of connecting and maintaining the connection of your EG to the Victorian electricity grid. This information will be used and disclosed by AusNet Services in accordance with its privacy policy details of which can be found at the following website: www.ausnetservices.com.au.

Please return the completed and signed agreement (keeping a copy for your reference) to:

Mail - Locked bag 14051, Melbourne City Mail Centre, Victoria 8001 Australia