Connection Application -Embedded and Standby Generation

FORM NECF-04



Who should use this form

People applying for embedded and standby generation must use this form in conjunction with:

• NECF-02 Connection Application - Residential and Small Commercial Connections or

• NECF-03 Connection Application - Large, Multiple or Remote Connections, when

- the embedded generation is 5kW and greater, or

- the embedded generation will require the alteration or installation of premises connection assets

This form is not to be used for embedded generation >5000kW. A formal application is to be made under Chapter 5 of the Rules.

General enquiries

www.ausgrid.c

More information on completing this form can be found on our website:

network

Fields marked with an * are mandatory.

This form is to be completed using BLOCK LETTERS only

Any application marked TBA or TBD will be incomplete and will be returned with advice that Ausgrid will not be able to process the application until a complete application is resubmitted. If you do not have all the required information at this stage and are only interested in determining how your proposed development will be supplied, you should consider lodging a preliminary connection enquiry, using our form NECF-01.

Ausgrid may require additional information to allow us to determine the appropriate connection offer applicable to your application. If so we will contact the applicant and request such information.

1. Fremise Details (Same details as on Connection Application NECF-02 or NECF-03)							
Premises Address*	Post Code*						
2. Type of Proposed Embedded or Standby Generation							
i) Type of Proposed Embedded or Standby Generation*	ii) Calculated Embedded or Standby Generation per Phase*						
Solar PV Standby (e.g. Diesel) Other (e.g. gas, hydro, wind, blue gen)	Existing Generation (kW) If none write "NIL"						
Specify Standby and Other:	A B C						
Size of Proposed Generation (kW) This is not the inverter size	Proposed New Generation to be Connected (kW)*						
No. of Generating Units (e.g. Panels, turbines, units)	A B C						
Make of Device (e.g. inverter or motor)	This is only new generation						
Model No. of Device (e.g. inverter or motor)	Total Generation to be Connected (kW)*						
Total number of Devices	A B C						
Size of each Device (kW)	This is the addition of proposed and existing generation						
Is the Inverter or generator single or three phase? (1 or 3)							
iii) Are you increasing the capacity of an existing generation connection?*	N If no, go to (iv) below						
iv) Is the proposed generation separately metered?	N If yes, ensure details are completed on NECF-02 or NECF-03						
3. Details Required for Proposed Embedded and Standby Generation							
i) Is the Inverter on the approved CEC list?* Y N n/a 4 If No, provide the te	est certificates and proof of approval you obtained.						
No. of additional pages							
ii) For all rotating and > 200kW generation applications, the requirements NS194 and ES11 have been met and submitted* Y							
	No. of additional pages						

4. Single Line Diagram

5. Voltage Rise Calculation and Assessment

or voltage hist outculation and Assessment							
i) Voltage Rise Calculations					ii) Assessment		
Details	Cable Size of circuit Current (I) of Generator	Length of r conductor	Am/%V Voltage	Voltage	In preparing this Connection Application I have considered the requirements of		
			rating of	Rise (Vr)			
				conductor		NS194 Connection of Embedded Generators	
Service Main						Service and Installation Rules of NSW	
Consumer Main						ES11 Requirements for Connection of Embedded Generators	
Submain						AS/NZS3000:2000 The Wiring Rules	
Final Sub Circuit						Other	