

Network Tasman Limited

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Nelson, New Zealand

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Application Form

Connection of Distributed Generation over 10 kW

You must obtain our written agreement before you can connect any distributed generation plant to our network

Details of your proposed distributed generation

For all applications to connect distributed generation to our network we need to evaluate the total export capability of your proposed generator (i.e. the maximum amount of electricity that your generation is able to inject into our network) to assess whether your proposed plant can be operate safely and within the capacity your electricity connection and our upstream network.

Please complete the form below so we can undertake our assessment and evaluation process for approval,

Details of person / organisation applying to connect distributed generation	Details of location where distributed generation is to be connected
Name: _____	Name: _____
Company: _____	Company: _____
Address: _____ _____	Address: _____ _____
Phone(s): _____	Phone(s): _____
Facsimile: _____	Facsimile: _____
Email: _____	Email: _____

General	
Status of this Application	Initial <input type="radio"/> Revised and Final <input type="radio"/>
Point of Connection	New <input type="radio"/> Existing <input type="radio"/> ICP Number..... NT..... (from the back of your power bill) Residential <input type="radio"/> Commercial <input type="radio"/>
Energy Retailer who will contract to purchase your electricity	
Party responsible for Metering arrangements	

Equipment Type	
Type	Synchronous <input type="radio"/> Induction <input type="radio"/> Inverter <input type="radio"/>
Primary Energy Source	Diesel Engine <input type="radio"/> Hydro <input type="radio"/> Wind <input type="radio"/> Solar <input type="radio"/> Gas Turbine <input type="radio"/> Fuel Cell <input type="radio"/> Other <input type="radio"/> - Specify:
Equipment Manufacturer	
Model	

Rating Details:	
Voltage	
Amps	
kW	
kVA	
kVAr reactive Power	
Power Factor at maximum kW output	
Number of Phases	

Operating Details	
Anticipated operating profile Eg continuous intermittent etc	
How will generator be controlled and supervised?	
Method of voltage control	
Synchronising arrangements	
Generator transformer details if applicable	

Interface & Protection Details	
Means of connection / disconnection / isolation	
Protection systems and settings to be used	
Circuit Breakers to be installed	
Generator earthing arrangements if applicable	

Method of voltage control	
Over/Under Voltage protection	
How will the generator disconnect when an outage occurs on NTL's network?	
Measures to prevent "islanding"	

Other Details	
Metering Arrangements Proposed	
Meter Board/Connection Point Signage	
Name of Design Engineer(s)	
Name of Registered Electrical Contractor installing system	
Single line diagram for the installation & its connection NTL's network	Attached <input type="radio"/>
The proposed generation system will comply with regulatory and NTL requirements	AS/NZS 3000 Electrical Installations): Yes <input type="radio"/> No <input type="radio"/> AS 4777.1-3 (where appropriate): Yes <input type="radio"/> No <input type="radio"/> NTL's Distribution Code Yes <input type="radio"/> No <input type="radio"/>
The proposed generation system will comply with industry requirements	Electricity Industry Participation Code Part 6 Yes <input type="radio"/> No <input type="radio"/> Where DG is greater than 1,000 kW see https://www.ea.govt.nz/code-and-compliance/the-code/part-6-connection-of-distributed-generation/
Expected dates of Testing & Commissioning	Testing Commissioning

Please attach the technical specifications of your equipment. You need to show how your proposed distributed generation would automatically disconnect from our network during a power outage (it is important that distributed generation systems isolate from the network to avoid injury to line workers).

If the information provided with this Application is insufficient for our assessment, this will delay processing of the application and we will request further information to be supplied.

Prior to final commissioning we will require you to submit a Declaration and Confirmation of Connection form to confirm that the plant has been installed and will be operated in accord with this application.

Applicants Acknowledgement

I apply to connect a distributed generator to Network Tasman Limited's electricity network and confirm that the above information is correct. In so doing I acknowledge that I will be responsible for the safe connection and operation of the generation facility and that it will be installed and operated in accord with good industry practice, Network Tasman's technical standards and the Electricity Industry Participation Code Part 6

Name: _____

Signature: _____

Date: _____

Network Tasman's Approval

Network Tasman Limited agrees to the connection of the distributed generator described above to its electricity network. This approval however is conditional on:

- 1) the applicant submitting a fully completed Declaration and Confirmation of DG Installation form before the generation plant is connected to the distribution network.
- 2) _____
- 3) _____
- 4) _____

Name: _____

Signature: _____

Date: _____

Further Enquires & Return of Completed Application Form to:

Please direct any enquires to:	Please return completed form to:
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