DISTRIBUTED GENERATION CONNECTION APPLICATION - INITIAL

(Generation Capacity greater than 10 kW)

WAIPA NETWORKS

Return Completed form to:

Network Connections Manager
PO Box 505
Te Awamutu 3840

Phone: 07 872 0745
Fax: 07 870 2401
Email: generation@waipanetworks.co.nz

Applicants Contact Details

Name: .....

Address: .....

.....

.....

Phone (Day): .....

Fax or Email: .....

Installation System Supplier

Name .....

Address .....

.....

Phone (Day) .....

Fax or Email: .....

Project Description

☐ New Generation ☐ Upgrade to _____ kW

☐ Domestic ☐ Commercial

☐ Single Phase ☐ Three Phase

☐ 230V ☐ 400V ☐ 11kV

DATE ..... Proposed Connection Date

Generator Specifications

☐ Solar (PV) ☐ Wind ☐ Hydro(Micro)

☐ Other (Specify) .....

.....

Manufacturer .....

Model / Type: .....

Total Generation Capacity: kW

Reactive power at maximum load ..... kVAr

Installation Location

Address: .....

If different from above .....

.....

ICP: ☐☐☐☐☐☐☐☐☐☐☐WA-☐☐☐

Your ICP is shown on the power account for this address (Example 0000123456WA7E8)

Battery Storage

Battery installed ☐ Yes ☐ No

Total Battery Storage _____ *Ah*

(Attach details)

Inverter Specifications

Manufacturer: .....

Model / Type .....

Inverter Rated Output ..... kW

Is the inverter make & model identified on Waipa list of approved inverters?

☐ Yes ☐ No

If no, has a copy of the AS4777.2 and AS4777.3 declaration of conformity been included with this application?

☐ Yes ☐ No

Does the inverter make and model comply with the protection settings specified by Waipa Networks (if any)?

☐ Yes ☐ No

Name of Energy Retailer who will provide the import/export metering for you _____

I confirm that the details provided in the application are correct:

Signed _____ Name *(print)* _____ Date _____

Connection Configuration

	Enclosed?
A single line diagram of the site electrical reticulation that includes the proposed generators, distribution transformer, and neutral earthing arrangements of the network and generator is required.	☐

Miscellaneous Details

A general description of the proposed installation is required that includes the following miscellaneous details:

	Enclosed?
Resistance and reactance details of the generating unit	☐
Fault level contribution of plant	☐
Method of voltage control - *Provide details on voltage and power factor controls for the plant. The Network voltages do move and the plant input and power factor will affect this movement. The Distributed Generation power factor must be >0.95 at full load*	☐
Means of synchronisation and connection and disconnection to the Network, including the type and rating of circuit breaker proposal	☐
Details of compliance with frequency and voltage support requirements	☐
Proposed periods and amounts of electricity injections into and off takes from the Network	☐
Any other information that is required by the System Operator (Transpower) and the Electricity Governance Rules	☐
Any additional information or documents that are reasonably required	☐

WAIPA NETWORKS

Application Fees

As provided for in the Electricity Industry Participation Code (Part 6), the application fees for initial formal applications to Waipa Networks Limited are:

I.	Distributed generation above 10kW and less than 100kW	$500 + GST	☐
II.	Distributed generation above 100kW and less than 1MW	$1,000+ GST	☐
III.	Distributed generation above 1MW and above	$5,000+ GST	☐

If actual costs are less, then refunds may be considered. The appropriate fee must accompany this application.

I confirm that the details provided in this application are correct:

Signed _____ Name *(print)* _____ Date _____

Method of payment

Application Fee is payable by direct banking to: Waipa Networks Ltd - **03 0442 0252213 00**	Internet Banking ☐ DATE *(Please include your 'surname' and 'DG' in the reference fields)* Cheque *(Enclosed)* ☐

Office Use Only

This application has been : ☐ Approved ☐ Declined

Signed _____ Name *(print)* _____ Date _____

Conditions of Approval:

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