



Issue 6  
July 2016

# Initial Application Form for the Connection of Distributed Generation over 10 kW

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For Generation over 10 kW  
as defined in Part 2 of Schedule 6.1 of the Electricity Industry Participation Code 2010

Please forward completed form to:-

The Lines Company  
P O Box 281  
Te Kuiti 3910

Phone – 07 878 0600  
Fax – 07 878 7024

Email – [connections@thelines.co.nz](mailto:connections@thelines.co.nz)

## 1 Instructions

**1.1** *Where the question does not apply to the proposal, enter N/A.*

**1.2** *For multiple choice circle answer*

**1.3** *Attach additional sheets if more space is required.*

**1.4** *Fees as detailed in Clause 6 of the "TLC Distributed Generation" document must be forwarded with this application.*

## 2 Type of Application

This application is for :- (circle one)

- Connection of new distributed generation.
- Continuation of an existing connection connected in accordance with a connection contract that is in force
- Continuation of an existing connection connected in accordance with a connection contract that has expired.
- Continuation of an existing connection that is connected without a connection contract.
- The Distributed Generator wishes to change the capacity or fuel type of a connected Distributed Generation.

## 3 The name, contact & address details of the owner or operator of distributed generation:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Post Code \_\_\_\_\_

Phone (Home) \_\_\_\_\_ (Work) \_\_\_\_\_

(Mobile) \_\_\_\_\_ (Fax) \_\_\_\_\_

Email: \_\_\_\_\_

Mailing Address: (if different to above)

\_\_\_\_\_

**4 The name, contact & address details of the distributed generator's agent (if applicable):**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ Post Code \_\_\_\_\_

Phone (Home) \_\_\_\_\_ (Work) \_\_\_\_\_

(Mobile) \_\_\_\_\_ (Fax) \_\_\_\_\_

Email: \_\_\_\_\_

**5 Connection Details**

If the proposal is a new connection give size of generator. Give the size of each generator if there is more than one.

\_\_\_\_\_

If the application is for an increase in capacity for an existing connection, detail size of the additional generation and the aggregate size of all devices at the point of connection.

\_\_\_\_\_

\_\_\_\_\_

Attach evidence of the Nameplate capacity the Distributed Generation is or will have.

If it is an existing installation, please quote ICP number. (This will be on both energy and line services accounts).

\_\_\_\_\_

Type of Distributed Generation (circle one)

hydro	solar	wind	petrol	photovoltaic
gas	diesel	biomass	battery	Other - state

## 6 Physical Location

A brief description of the physical location at which the distributed generation is or will be connected.

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Please attach a map or draw a sketch on back of form.

Proposed Connection Date \_\_\_\_\_

## 7 Technical Specifications Including:

- Manufacturer Rating \_\_\_\_\_

- Number of Phases \_\_\_\_\_

- Details of either (or both) of any Inverter or Battery Storage

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- Details of any load at the proposed connection point

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- Details of connected voltage (for example 230V or 400V)

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Information showing how the Distributed Generation complies with the Distributed connection and operation standards. (Refer to Section 3 "TLC Standards")

(This should include the protection equipment and how it is proposed to be set)

- Method of disconnection on loss of supply.

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- Time required to disconnect. (*Enclose any manufacturer's details, curves etc on this*)

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- Safeguards to stop generation back feeding into network on loss of supply.

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- Protection to stop network reclosing damaging equipment. (*Assume up to 4 reclosers with .5 to 30 seconds between each reclose*)

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- Maximum active power injected into TLC Network (MW max)

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- Reactive power requirements (MVAR's)

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- Resistance & reactance details of proposed generation

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- Fault level contribution (kA)

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- Method of Voltage Control

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- Means of synchronisation and connection & disconnection from Network including type and rating of circuit breaker

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- Details of compliance with frequency & Voltage support requirements.

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- Additional information or documents required by System Operator or by TLC may be requested.

**Proposed Metering Information**

- Input/Export Energy.

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- Input/Export Demand.

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**Connection Diagram**

Attach a sketch or drawing of the proposed electrical connection layout. For three phase systems this can be in single line format.

**Name:** .....

**Signed:** .....

**Company Representing:** .....

**Position:** ..... **Date:** .....