

**POWERCO DISTRIBUTED GENERATION (DG) POLICY – GENERATE - AEN**

### 1.1 Connection of Distributed Generation above 10kW in Total

#### INITIAL APPLICATION FORM

The name, address and telephone number of the Customer, being the owner/operator of the DG:	
The contact details of the installer including address, telephone number and email address:	
Application fee invoice to:	
Is this a new installation or capacity increase to existing?	
Generator capacity in kW:	
Type of DG – (photovoltaic, wind, gas etc.)	
Proposed location of the DG NZMG coordinates or address	
Proposed Connection Date:	
Technical specifications of the DG and associated equipment, including: <ul style="list-style-type: none"> <li>▪ Technical specifications of equipment that allows the DG to be disconnected from the Network on loss of mains voltage:</li> <li>▪ The number of phases:</li> <li>▪ The proposed point of connection to the Network; - ICP or transformer number:</li> <li>▪ Any battery storage?</li> <li>▪ Details of any load at the proposed point of connection:</li> <li>▪ Connection voltage:</li> </ul>	
The maximum active power injected MW max:	
The reactive power requirements	

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MVARs if any:	
Resistance and reactance details of the generating unit:	
Fault level contribution kA:	
Method of voltage control:	
Single line diagram of proposed connection attached:	
Means of synchronisation and connection and disconnection to the Network, including the type and ratings of circuit breaker proposed:	
Details of compliance with frequency and voltage support requirements as specified in the Electricity Industry Participation Code 2010 if applicable:	
Proposed periods and amounts of electricity injections into, and off takes from, the Network if known:	
Any other information that is required by Transpower New Zealand Limited as the system operator:	
Energy Retailer for load and generation	

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**Declaration**

[ \_\_\_\_\_ ], being the applicant for the connection of the DG referred to in this **Initial Application Form** to Powerco’s Distribution Network, certify that the above information is true and correct.

**Signed** for/by the applicant:

\_\_\_\_\_

\_\_\_\_\_

[insert name and position]

\_\_\_\_\_

[insert date]

<b>For Powerco Use: Network Approval Confirmation</b>	
Application requirements complete:	Yes/No
Application approved to progress to installation and testing:	Yes/No
Signed:	Date:

Network Connection Details		
Zone Substation	Feeder	Distribution Transformer

**POWERCO DISTRIBUTED GENERATION (DG) POLICY – GENERATE - AEN**

**1.2 Connection of Distributed Generation over 10kW**

**FINAL APPLICATION FORM**

The name, address and telephone number of the Customer:	
The contact details of the installer including address, telephone number and email address:	
Whether the proposed connection is a new connection or an increase in capacity for an existing connection:	
Generation capacity in kW:	
Type of DG (photovoltaic, wind, gas etc.)	
Proposed location of the DG NZMG co-ordinates or address:	
Proposed connection date:	
Energy Retailer for load and generation	
<p>The information specified in or provided in connection with the Initial Application dated [            ] relating to the DG is confirmed and is true and correct at the date of this Final Application.</p>	

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**POWERCO DISTRIBUTED GENERATION (DG) POLICY – GENERATE - AEN**

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**Declaration**

[ \_\_\_\_\_ ], being the applicant for the connection of the DG referred to in this **Final Application Form** to Powerco’s Distribution Network, certify that the above information is true and correct.

**Signed** for/by the applicant:

\_\_\_\_\_

\_\_\_\_\_

[insert name and position]

\_\_\_\_\_

[insert date]

<b>For Powerco Use: Network Approval Confirmation</b>	
Application requirements complete:	Yes/No
Application approved for connection:	Yes/No
Signed:	Date:

<b>Network Connection Details</b>		
<b>Zone Substation</b>	<b>Feeder</b>	<b>Distribution Transformer</b>

**POWERCO DISTRIBUTED GENERATION (DG) POLICY – GENERATE - AEN**

**Distributed Generation Plant Specification & Commissioning Report**

**DISTRIBUTED GENERATION - COMMISSIONING REPORT**

Installation tested by:	
Date test completed:	
Loss of network supply auto-isolation test proven Y/N:	
Auto-isolation disconnection speed Sec:	
Auto-restoration if existing after specified delay proven Y/N:	
Over speed disconnection process proven >15kW Y/N:	
MEN Earth test results Ohms:	
Protection setting details attach additional details where necessary:	
Electrical inspection to AS/NZS3000:2007 and Electricity (Safety) Regulations 2010 completed Y/N:	
Name of Electrical Inspector:	

**Other tests requested by Powerco to be specified:**


A Certificate of Compliance (COC) from a registered electrician/licensed electrical inspector that the DG complies with the Electricity (Safety) Regulations 2010, should accompany this report.

Completed report including COC shall be forwarded to Powerco Ltd, Private Bag 2061, New Plymouth, or [distributedgeneration@powerco.co.nz](mailto:distributedgeneration@powerco.co.nz)

**Report completed by:**

**Name:**

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**Address:**

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