

POWERCO DISTRIBUTED GENERATION (DG) POLICY

Connection of Distributed Generation of above 10kW in total

4.2 Initial Application Form

The name and address of the Customer:	
The contact details of a person whom Powerco may contact regarding the DG including address, telephone number and email address:	
Whether the proposed connection is a new DG connection or an increase in capacity for an existing connection:	
Evidence of the size nominal capacity of the generating unit, along with the name plate rating if known, including: <ul style="list-style-type: none"> ▪ if the proposed connection is a new connection, the size nominal capacity of the total generation; or ▪ if the application is for an increase in capacity for an existing connection, both the size nominal capacity of the additional generation and the aggregate size nominal capacity of all devices at the point of connection: 	
Type of DG for example, solar photovoltaic, wind:	
Proposed location of the DG NZMG coordinates:	
When the DG is likely to be connected:	
Technical specifications of the DG and associated equipment, including: <ul style="list-style-type: none"> ▪ Technical specifications of equipment that allows the DG to be disconnected from the Network on loss of mains voltage: ▪ Manufacturer's rating of equipment: ▪ The number of phases: ▪ The proposed point of connection to the Network for example, installation control point number ICP and street address: ▪ Details of either or both of any inverter and battery storage: ▪ Details of any load at the proposed point of connection: ▪ Details of the connected voltage for example, 	



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415V or 11kV:	
Information showing how the DG complies with Powerco's Connection and Operation Standards:	
The maximum active power injected MW max:	
The reactive power requirements 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:	
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 Governance Rules 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:	

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] _____

Powerco recommends the Customer use the services of a consultant to carry out the initial evaluation when proposing to connect a DG to Powerco's Network