

NE-FRM-0001 - Application to Connect and Operate a Distributed Generation System Form



New Energy - Distributed Energy Resources

Security Class: Public – Social Media

Distributed Generator Applicant – Owner of the Distributed Generation Equipment			
Surname:		First Name:	
Company:			
Postal Address:			
Phone:		Email:	

Address Where Distributed Generation is to be Connected – If different from owner's address			
Surname:		First Name:	
Company:			
Street Address:			
Phone:		Email:	

Details of Premises			
Connection Type:	<input type="checkbox"/> New Premises Connection with Generation – <i>An application for the new connection must also be lodged.</i>		
	<input type="checkbox"/> New Generation in an Existing Premises		ICP Number:
	<input type="checkbox"/> Adding further Generation to an Existing Premises		
	<input type="checkbox"/> Alteration to Existing Generation – <i>Provide details</i>		
Notes:			
Premises Type:	<input type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Industrial
Energy Retailer:			
Proposed Date to Complete Generation Installation:			

Summary of Total Generation				
Connection Phases:	<input type="checkbox"/> One <input type="checkbox"/> Two <input type="checkbox"/> Three	Volts:	<input type="checkbox"/> 230/400V	<input type="checkbox"/> > 230/400v Please specify
Overall Generation System Output:	Amps:	kVA:	kW:	
Input Source/s:	<input type="checkbox"/> Solar <input type="checkbox"/> Wind <input type="checkbox"/> Hydro <input type="checkbox"/> Bio-Mass <input type="checkbox"/> Liquid Fuel <input type="checkbox"/> Geothermal <input type="checkbox"/> Natural Gas			
	<input type="checkbox"/> Wave <input type="checkbox"/> Tidal <input type="checkbox"/> Industrial Process <input type="checkbox"/> Battery <input type="checkbox"/> Other – <i>Specify:</i>			
Please provide details for each different Inverter Type on “Distributed Generation System Equipment Details” page.				

Generation System Installer – The person who will connect the generation equipment to the switchboard			
Surname:		First Name:	
Company:			
Postal Address:			
Phone:		Email:	

Details of Grid Connection Method <i>(Please provide a "System Equipment Details" page per Grid Tie Inverter)</i>			
Grid Tie Inverter	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Manufacturer:		Model:	
On PowerNet list of Approved Equipment:	<input type="checkbox"/> Yes <input type="checkbox"/> No - Attach the manufactures technical information showing conformity with AS/NZS4777		
Output Ratings:	<input type="checkbox"/> One <input type="checkbox"/> Two <input type="checkbox"/> Three		
	Volts:	Amps:	kVA: kW:
Number of Inverters being connected:	<input type="checkbox"/> One <input type="checkbox"/> > One - Please provide configuration details		
AC Connection Details:			
System can provide back-up supply:	<input type="checkbox"/> Yes - Please provide details – Back up supply will / will not be connected (please circle one) <input type="checkbox"/> No		
Back-up supply details:			

Nomination of Application Path			
Export power Threshold at location – found at https://powernet.co.nz/your-power-supply/distributed-generation/#congestion	kVA:	Inverter Maximum Export Power	kVA:
Maximum export power less than export power threshold	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Inverter(s) AS/NZS 4777.2 compliant	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Inverter has Volt-Var AND Volt-Watt capabilities enabled	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Part 1 A fast-track application (Only tick if all 3 yes boxes above are ticked)	<input type="checkbox"/>		
Part 1 application (default) (Tick to nominate)	<input type="checkbox"/>		

Details of Solar	
Total Output Ratings:	kW:

Details of Battery		
Manufacturer:		Model:
Total Output Ratings:	Total kW:	Total kWh:
Battery Storage:	<input type="checkbox"/> Yes - Please provide details <input type="checkbox"/> No	

Details of Other			
Input Source:	<input type="checkbox"/> Wind <input type="checkbox"/> Wave <input type="checkbox"/> Hydro <input type="checkbox"/> Bio-Mass <input type="checkbox"/> Liquid Fuel <input type="checkbox"/> Geothermal <input type="checkbox"/> Natural Gas		
	<input type="checkbox"/> Tidal <input type="checkbox"/> Industrial Process <input type="checkbox"/> Other – Specify:		
Manufacturer:		Model:	
Phases:	<input type="checkbox"/> One <input type="checkbox"/> Two <input type="checkbox"/> Three		
Total Output Ratings:	Volts:	Amps:	kVA: kW:

Conditions
<ul style="list-style-type: none"> An application fee applies and it must accompany this application or be paid to the correct bank account (<i>see below for application pricing and bank account details</i>). Any deficiencies in the information supplied may result in a delay to your application and may incur further charges. PowerNet Limited may wish to inspect the completed installation and witness any commissioning tests. A fee will be chargeable for this; we will advise you when we approve the connection if we will require an inspection or witnessing of tests (<i>see below for inspection and witness pricing</i>). PowerNet may need to perform further detailed investigative studies to identify any potential adverse effects the DG may have on the system. A fee will be chargeable for this; we will advise you before we approve the connection if this is required. The New Zealand Electricity Industry Participation Code requires a copy of the Certificate of Compliance (CoC) relating to the installation of this Distributed Generation, is forwarded to PowerNet Limited within 10 days of completion.

Applicant Confirmation																		
<p>I confirm:</p> <ul style="list-style-type: none"> The equipment has been designed and will be/has been installed in accordance with AM-STD-0007¹, AS 4777.1, AS/NZS5033 and AS/NZS 3000. The equipment incorporates an inverter that has been type tested and issued a declaration of conformity with all relevant parts of AS 4777.2 by a laboratory with accreditation issued or recognised by International Accreditation New Zealand. I will not connect any generation until I have received written approval from PowerNet Limited and shall provide post installation documentation within 10 business days of connection. By submitting this application, I acknowledge that I will be responsible for the maintenance of the installation to the appropriate standards and that I will notify any future occupiers of the property concerned of the responsibilities and obligations of having a distributed generator connected to the PowerNet network. My Payment of the Application Fee: <input type="checkbox"/> Is attached <input type="checkbox"/> Has been paid by Internet banking <p>Bank Account Details: PowerNet: ANZ 06-0925-0251901-00</p> <table border="1"> <thead> <tr> <th>Distributed Generation Capacity</th> <th>Application Fee (NZD including GST)</th> <th>Witness and Commissioning Test Fee (NZD including GST)</th> </tr> </thead> <tbody> <tr> <td>Up to and including 10kW – Default Application:</td> <td>230.00</td> <td>69.00</td> </tr> <tr> <td>Up to and including 10kW – Fast Track Application – <i>See Nomination of Application Path</i></td> <td>115.00</td> <td>69.00</td> </tr> <tr> <td>Over 10kW and up to and including 100kW:</td> <td>575.00</td> <td>138.00</td> </tr> <tr> <td>Over 100kW and up to and including 1000kW:</td> <td>1150.00</td> <td>1380.00</td> </tr> <tr> <td>Over 1000kW:</td> <td>5750.00</td> <td>1380.00</td> </tr> </tbody> </table>	Distributed Generation Capacity	Application Fee (NZD including GST)	Witness and Commissioning Test Fee (NZD including GST)	Up to and including 10kW – Default Application:	230.00	69.00	Up to and including 10kW – Fast Track Application – <i>See Nomination of Application Path</i>	115.00	69.00	Over 10kW and up to and including 100kW:	575.00	138.00	Over 100kW and up to and including 1000kW:	1150.00	1380.00	Over 1000kW:	5750.00	1380.00
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Signature: _____ Date: _____																		

PowerNet Limited Approval	ICP:
<ul style="list-style-type: none"> Connection to the PowerNet Limited electricity network of the Distributed Generation equipment outlined in this application is approved. PowerNet observation of commissioning: <input type="checkbox"/> Not required <input type="checkbox"/> Required, please give 5 working days' notice. Charges may apply. 	
PowerNet Contact: _____ Phone: _____	
Signature: _____ Date: _____	

Installation Completion Notification
<ul style="list-style-type: none"> The installation of the Distributed Generation equipment outlined in this application has been completed. I enclose a copy of the CoC as required.
Name: _____
Signature: _____ Date: _____
<p>It is a requirement to forward this completion notice and a copy of the CoC to PowerNet Limited within 10 days of the completion of this installation. Either:</p> <p>Email to: connections@powernet.co.nz Or post to: PowerNet Limited PO Box 1642 Invercargill 9840</p>

¹ Available <https://powernet.co.nz/your-power-supply/distributed-generation/>