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



This form is NOT to be used by STEWART ISLAND customers.

Please make your application directly with Southland District Council.

Security Class: Public - Social Media

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

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

Details of Premises						
	New Premises Connection with Gen	eration – An applic	cation for the new	connection must also be lodged.		
Connection Type:	 New Generation in an Existing Premises Adding further Generation to an Existing Premises Alteration to Existing Generation – <i>Provide details</i> 		ICP Number:			
Notes:						
Premises Type:	Residential	Commercial		Industrial		
Energy Retailer:						
Proposed Da	ate to Complete Generation Installation:					

Summary of Total Generation							
Connection Phases:	□ One	🗆 Two 🗆 T	hree	Volts:	□ 230/400V	□ > 230/400v F	Please specify
Overall Generation System Output:	Amps:			kVA:		kW:	
Input Source/o	□ Solar	□ Wind	□ Hydro	□ Bio-Mass	a Liquid Fuel	Geothermal	Natural Gas
input Source/s.	□ Wave	□ Tidal	Industria	l Process	□ Battery	□ Other – Specify:	

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 Addross:				
Postal Address.				
Phone:		Email:		

Approved by: Kavi Singh GM of New Energy Development and Strategy

Details of Grid Conne	ection Method (I	Please provide a	"System Equip	oment Details" pa	ge per Grid Tie Inverter)	
Grid Tie Inverter	🗆 Yes 🗆 No					
Manufacturer:			Model:			
On PowerNet list of Approved Equipment:	🗆 Yes 🗆 No -	Attach the manufa	actures technica	l information show	ing conformity with AS/NZ	<u>'</u> S4777
	🗆 One 🛛 Two	Three				
Output Ratings:	Volts:	Amps:		kVA:	kW:	
Number of Inverters being connected:	□ One	I	□ > One - <i>Pleas</i>	e provide configura	ation details	
AC Connection Details:						
System can provide back-up supply:	□ Yes - Please provid	de details – Back	up supply will	/ will not be conn	ected (please circle one)	□ No
Back-up supply details:						

Nomination of Application Path			
Export power Threshold at location – found at https://powernet.co.nz/future-energy/generation-and-storage/get- connected/#congestion	kVA:	Inverter Maximum Export Power	kVA:
Maximum export power less than export power threshold	□ Yes	□ No	
Inverter(s) AS/NZS 4777.2 compliant	□ Yes	□ No	
Inverter has Volt-Var AND Volt-Watt capabilities enabled	□ Yes	□ No	
Part 1 A fast-track application (Only tick if all 3 yes boxes above are ticked)			
Part 1 application (default) (Tick to nominate)			

Details of Solar	
Total Output Ratings:	kW:

Details of Battery				
Manufacturer:		Model:		
Total Output Ratings:	Total kW:		Total kWh:	
Battery Storage:	□ Yes - Please provide details □ No		•	

Details of Other								
	Wind	□ Wave □	Hydro	🗆 Bio-N	∕lass □	Liquid Fuel	Geotherm	al 🛛 🗆 Natural Gas
Input Source:	□ Tidal	Industrial Pr	ocess	Othe	er – S <i>pecif</i> y	/:		
Manufacturer:					Model:			
Phases:	□ One	🗆 Two 🛛	Three					
Total Output Ratings:	Volts:		Amps:			kVA:		kW:

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Conditions

- An application fee applies and it must accompany this application or be paid to the correct bank account (see below for application pricing and bank account details).
- 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 (see below for inspection and witness pricing).
- 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

I confirm:

- The equipment has been designed and will be/has been installed in accordance with <u>AM-STD-0007</u>¹, 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:
 Is attached
 Has been paid by Internet banking
 Bank Account Details: PowerNet: ANZ 06-0925-0251901-00

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 – See Nomination of Application Path	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

Signature:

Date:

 PowerNet Limited Approval
 ICP:

 • Connection to the PowerNet Limited electricity network of the Distributed Generation equipment outlined in this application is approved.

 • PowerNet observation of commissioning:
 • Not required

 • Required, please give 5 working days' notice. Charges may apply.

 PowerNet Contact:
 Phone:

 Signature:
 Date:

Installation Completion Notification							
The instI enclose	 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:				
It is a requirem this installation	nent to forward this comp . Either:	pletion notice and a copy of the Co	C to PowerN	let Limited within 10 days of the completion of			
	Email to:	connections@powernet.co.nz	Or post to:	PowerNet Limited PO Box 1642 Invercargill 9840			

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

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GM New Energy Development and Strategy