



## Application for Connection

- **Distributed generation with capacity of  $\leq 10\text{kW}$**
- **Connected to Nelson Electricity network**

**You must obtain our written agreement before you can connect distributed generation to our network.**

| Details of person/organization apply to connect distributed generation | Details of consumers at premises where distributed generation is to be connected |
|--|--|
| Name: _____  | Name: _____  |
| Company: _____   | Company: _____   |
| Address: _____   | Address: _____   |
| _____  | _____  |
| Phone: _____   | Phone: _____   |
| Fax: _____   | Fax: _____   |

ICP number (from your power account if known): \_\_\_\_\_

Energy retailer who will purchase your electricity/is responsible for your connection: \_\_\_\_\_

Party responsible for metering arrangements: \_\_\_\_\_

### Details of your proposed distributed generation

**Connection:** Existing       New       Residential       Commercial

For all existing electricity connections or when applying for a new electricity connection, we will evaluate the total export capability of your proposed distributed generation (ie; the maximum amount of electricity that your generation is able to inject into our network) to assess whether your proposed generation will operate within the capacity of your electricity connection. To complete this evaluation, we will need evidence of your generation capacity – normally a kilowatt (kW) rating. Please attach a copy of the manufacturer’s specifications and/or a photograph of the ‘name plates’ for your proposed generation to your application as evidence of its capacity. Additional information may be required if the manufacturer’s specifications are not clear and comprehensive.

**Manufacturer's rating of equipment:** Amps \_\_\_\_\_ Volts \_\_\_\_\_  
kW \_\_\_\_\_ kVA \_\_\_\_\_

**Type:** Solar PV  Gas turbine  Wind turbine   
Micro hydro  Fuel cell  Other (specify) \_\_\_\_\_

**Number of phases:** One  Two  Three

**Name of electrical contractor:** \_\_\_\_\_

**Distributed generation system will comply with:**

|   |                              |                             |
|---|------------------------------|-----------------------------|
| AS 4777:2020 series (where appropriate)                   | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| NEL's Distribution Code                                   | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| NEL's Conditions for Connection of Distributed Generation | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

**Details of any inverter and/or battery storage:**

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*Please attach the technical specifications of your equipment to show that your proposed distributed generation would automatically disconnect from our network during a power outage (it is important that distributed generation systems isolate from the network to avoid injury to line workers).*

**If you do not complete all sections of this form your application may be delayed.**

I apply to connect a distributed generator to Nelson Electricity Ltd's electricity network and confirm that the above information is correct.

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

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Nelson Electricity approval**

Nelson Electricity Ltd agrees to the connection of the distributed generator described above to its electricity network. This approval, however, remains conditional on the applicant submitting a fully completed Declaration and Confirmation of DG Installation form before the generation plan is connected to the distribution network.

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

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Subject to programming of "Tasman Power Quality Volt/Var settings"**



## Declaration and Confirmation of Installation – Distributed Generation $\leq 10\text{kW}$

Please complete and submit this form to NEL before your generation installation is connected to our network.

| <b>SITE AND GENERATOR DETAILS</b>   |  |
|---|--|
| Generator address   |  |
| ICP number (on your electricity bill)   |  |
| Electricity retailer  |  |
| Date of installation  |  |
| Distributed generator<br>Manufacturer and type<br>Serial number<br>Generator rating (kVA)<br>Power factor (normal conditions)<br>Location of generator within installation<br>Location of isolator  |  |
| The installation complies with and will be operated in accordance with the – <ul style="list-style-type: none"> <li>• Electricity Governance (Connection of Distributed Generation) Regulations 2007</li> <li>• NEL’s Network Code, and</li> <li>• Conditions of Connection for Distributed Generation</li> </ul> |  |

| <b>CONTACT DETAILS</b>   |                         |
|--|-------------------------|
| Generator owner and operator   |                         |
| Contact person   |                         |
| Postal address   |                         |
| Telephone number(s)  |                         |
| I agree Schedule 2 of the Electricity Governance (Connection of Distributed Generation) Regulations 2007 “Regulated Terms for Connection of Distributed Generation” governs the contractual basis for connection of this plant to NEL’s network now and into the future unless the parties mutually agree otherwise. |                         |
| <b>OWNER’S DECLARATION</b>   | Signature:<br><br>Date: |

| <b>INSTALLATION DECLARATION</b>  |  |
|--|--|
| The distributed generation complies with the relevant sections of AS/NZS3000 Electrical Installations?                                     |  |
| Protection Settings comply with AS4777?  |  |
| Grid Profile Settings have been applied (if requested by Nelson Electricity with the initial application):<br>Tasman AS4777.2:2015 ≤ 30kVA |  |
| The installation complies with NEL's Network Code and Conditions of Connection of Distributed Generation?                                  |  |
| Name of installer  |  |
| Accreditation/Qualification  |  |
| Contact person   |  |
| Address  |  |
| Phone number   |  |
| Other details/comments   |  |

| <b>REQUIRED INFORMATION (to be included with this form)</b> |       |
|---|-------|
| Copy of circuit diagram                                     | Y / N |
| Generator test report                                       | Y / N |
| Protection settings   | Y / N |
| Certificate of compliance                                   | Y / N |
| Electricity meter(s) make and model                         | Y / N |

|                         |                     |
|-------------------------|---------------------|
| INSTALLER'S DECLARATION | Signature:<br>Date: |
|-------------------------|---------------------|