#### Site details

|  |  |
| --- | --- |
| ICP number (from electricity bill) |       |
| Site address |       |

#### Distributed generation details

|  |  |
| --- | --- |
| Is the proposed connection a new connection or an increase in capacity? |       |
| Type of generation (eg photo voltaic) |       |
| Total generation kVA output |       |
| Power factor |       |

#### Technical specifications

Please note:

* The inverter installer must be a qualified electrician and must be familiar with the installation requirements of the AS4777.1 standard (AS4777 part 1).
* The installer must be able to provide a signed certificate of compliance on completion of the installation, confirming the installation has been installed in accordance with the requirements contained in Vector’s connection and operation standards.
* The installer must ensure, and certify, that the inverter settings comply with Vector’s connection and operation standards.

#### Is the inverter selected from Vector’s pre-approved list? Yes [ ]  No [ ]

If your inverter is NOT on Vector’s pre-approved list on the website, it will have to pass through an approval process and therefore your application will take longer to process.

If the inverter **was** selected from Vector’s approved inverter list, please enter the list number here:

#### Please confirm the details of your inverter below:

|  |  |
| --- | --- |
| Make |       |
| Model |       |
| Maximum rated inverter kW output |       |
| Number of inverters |       |
| If battery storage, what is the battery output (amp hour rating?) |       |
| Connected voltage | Select one |

#### Please fill out this table if your inverter has single-stage-over-voltage protection

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Parameter | Maximum acceptable disconnection (trip) time in seconds | Minimum acceptable setting | Maximum acceptable setting | Applicants inverter maximum trip time (seconds) | Applicants inverter voltage settings |
| a | Over-voltage (>230V) | 0.5 s | 230 V | 253 V |       |       |
| b | Under-voltage (<230 V) | 2 s | 184 V | 230 V |       |       |
| c | Over-frequency (>50 Hz) | 2 s | 50 Hz | 52 Hz |       |       |
| d | Under-frequency (<50 Hz) | 2 s | 45 Hz | 47.5 Hz |       |       |

#### Please fill out this table if your inverter has dual-stage-over-voltage protection

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Parameter | Maximum acceptable disconnection (trip) time in seconds | Minimum acceptable setting | Maximum acceptable setting | Applicants inverter maximum trip time (seconds) | Applicants inverter voltage settings |
| a | Over-voltage stage 1 | 3 s | 230 V | 253 V |       |       |
| b | Over-voltage stage 2 | 0.2 s | 230 V | 265 V |       |       |
| c | Under-voltage (<230V) | 2 s | 184 V | 230 V |       |       |
| d | Over-frequency (>50 Hz) | 2 s | 50 Hz | 52 Hz |       |       |
| e | Under-frequency (<50 Hz) | 2 s | 45 Hz | 47.5 Hz |       |       |

#### Contact details

|  |  |
| --- | --- |
| Contact details | Requestor |
| Full name |       |
| Residential address |       |
| Postal address (if different from above) |       |
| Daytime phone number |       |
| Email address |       |

#### I confirm that the information provided in this form is true and accurate:

|  |  |
| --- | --- |
| Name |       |
| Date | Click here to enter a date |
| Signature |  |