

Basic Connection application

This form is to be used by connection applicants wanting to connect the following to the Power and Water distribution network:

- Connecting a home or small business where power is already available, no upgrades to the network are needed, and the demand is 100 amps or less per phase.
- Installing solar panels or battery storage (micro embedded generation) that can send power back to the grid, as long as it meets the rules in AS4777, and no network upgrades are required.
- Setting up a temporary power supply (for up to 12 months) where there is enough capacity, and no network upgrades are required.

For more details, see Power and Water's current Connection Policy, available on the Australian Energy Regulator website at: www.aer.gov.au → Electricity → Power and Water Corporation (NT) → Connection Policy.

All installations must comply with relevant Australian Standards, and Power and Water's Service Rules, Installation Rules and Metering Manuals¹. A Certificate of Compliance (CoC) will need to be provided prior to final connection.

Complete & submit your application

We'll assess your application

Action the works or await retailer service order

Section 1: Account details

Company/business name

Given name

Family name

Email

Phone

Section 2: Service selection

Connection Service (A point of supply must be established prior to submitting a solar PV or battery storage application)

☐ Micro embedded generation (solar PV and battery) ☐ New load connection ☐ Alteration to existing connection

☐ Exchange/replace meter ☐ Meter program change ☐ Gross meter upgrade ☐ Other

Temporary disconnection/reconnection

☐ Temporary disconnection/reconnection²

Proposed date of disconnection/reconnection³

Proposed time of disconnection/reconnection

Description of works

Existing meter type (please select) ☐ Single-phase ☐ Three-phase

Existing billing arrangement (if you are moving from a prepaid to account based you must have an existing account with a retailer prior to submitting this request)

☐ Prepaid ☐ Account

¹ This application form replaces the Notice of Intention (NOI).

² Please provide a description of the works below in Section 5B 'Any other details' ³ Please allow at least seven (7) business days from the date of application.

If services are required within 7 days, email powerconnections@powerwater.com.au

Section 3: Site details

Please indicate your nominated retailer

☐ Jacana Energy ☐ Rimfire ☐ QEnergy ☐ EDL ☐ Next Energy Other

Site address

Lot no. Unit no. Street no. Street

Suburb

NMI⁴ (for applications other than new load connection)

Identify any access issues (including hazards if necessary)

OFFICE USE ONLY

Date received NMI CM container

Service Request (Power and Water) SR Service Order (from retailer) SO

Customer number Invoice number

Section 4: Details of electrical contractor/installer

Company/business name CEC accreditation no.⁵ NT electrical contractor licence no.

 A C

Contact name Phone number Email address

Generating system selling company name

Representative name

Email address

Phone number

Section 5A: Micro embedded generation technical requirements

This section is to be completed by a licensed and Clean Energy Council (CEC) accredited installer on behalf of a customer for an embedded generation connection to the Power and Water network. Once the installation has been completed, please submit the Certificate of Compliance (CoC) to the Power Services Connections Office via connect.me@powerwater.com.au.

Complete all details in the fields below if your connection is for a solar PV, battery energy storage or other micro embedded generation connection.

Proposed generation technology and technical details (please complete technical details Part A or Part B as applicable)

☐ Solar photovoltaic (PV) ☐ Battery Energy Storage (BES) ☐ Other

Does this installation require a lockable circuit breaker (as per AS/NZS 3000 and AS/NZS 5033 wiring rules)? Yes No

Part A: Solar (PV) / Other technical details

Is export required? ☐ Yes ☐ No Proposed Inverter no. of phases: ☐ Single-phase ☐ Three-phase

Inverter make and model⁶ Inverter rating (kVA) Total no. of inverters Export limiting device⁷

PV panel make and model⁶ PV panel rating (W) No. of panels Total array rating (kW)

⁴ Please provide the NMI as stated on your most recent electricity bill from your current retailer.

⁵ Installers are required to be accredited by the Clean Energy Council (CEC) and are required to install CEC accredited equipment only. ⁶ Enter specific model details as on the CEC's approved list.

⁷ Enter specific model details as on Power and Water Corporation's approved list.

Part B: Battery energy storage technical details⁸

Is the energy storage connected via its own inverter? ☐ Yes ☐ No Proposed no. of phases: ☐ Single-phase ☐ Three-phase

BES inverter make and model (if applicable)⁶

BES inverter rating (kVA)

Total no. of BES inverters

Battery pack make and model⁶

Battery pack rating (kWh)

Total no. of battery packs

Battery control system make and model

Maximum discharge rate (kW)

Maximum charge rate (kW)

Battery energy system operation configuration⁸

☐ Load shifting ☐ Backup ☐ Ramping / smoothing ☐ Other

Total system inverter rating⁹

 kVA

☐ Attach voltage rise calculation details (compliant with AS4777.1 2016 Clause 3.3.3)

Any other details

Installers declaration

I, the licensed and accredited installer named in Section 4, certify that the above detailed embedded generation (PV or battery) system to be installed in this application form are correct. I further certify that the embedded generation unit will be installed and commissioned to comply with:

-CEC accredited materials,

-Relevant Australian Standards (AS/NZS 2067, AS/NZS 5033, and AS/NZS 4777.1, AS/NZS 4777.2 as applicable)

-Power and Water's Network Technical Code, and

-Power and Water's Basic Micro EG Connection Technical Requirements Specification

-Power and Water approval letters and agreements, and

-Any statutory requirements.

Installer's signature

⁶ Enter specific model details as on the CEC's approved list.

⁸ For any questions regarding this section, contact your connections project officer.

⁹ If AC Coupled, total system inverter rating to include generator inverter rating plus batter inverter rating.

Section 5B: Load technical requirements

Complete all details in the fields below if your connection is for a load connection.

Service type

☐ Overhead ☐ Underground ☐ Underground in overhead area ☐ Other

Existing consumer mains size (mm²)

Proposed new consumer mains size (mm²)

mm² mm²

Existing maximum demand (kVA)

Total proposed maximum demand kVA

kVA kVA

Setting of new main circuit breaker (A)

Maximum setting of new main circuit breaker (A)

A A

Proposed no. of phases

☐ Single-phase ☐ Three-phase

Billing arrangement

☐ Prepaid meter ☐ Account-based meter

Any other details

Section 7: Declaration of connection applicant

Your application will be treated as a request for an expedited connection. This means that if we assess that your application is for a basic connection service, your application will be expedited, and you will be taken to have accepted the terms of (as applicable) our [Model Standing Offer - Basic Connection Agreement](#) or our [Model Standing Offer – Micro-Embedded Generator \(including PV\) - Basic Connection Agreement](#) on the same day as your application. These contracts regulate the work involved in establishing the initial connection of your premises or PV system to our network. By connecting to our network, you are also taken to have accepted and agreed to comply with our [Standard Customer Supply Agreement](#). This contract is an ongoing contract and regulates the terms upon which you are entitled to continue to remain connected to our network and receive a supply of electricity from us or (in the case of a PV system) export electricity to our network.

If you do not wish to request an expedited connection, please indicate below by ticking “Negotiated Connection”. We will be contact with you regarding your application. We will also contact you if we assess that your application is not suitable for a basic connection and therefore cannot be treated as an expedited connection.

By signing this application, I accept the conditions stated above. I also acknowledge and understand this application does not in any way provide approval for the installation of the requested connection to the Power and Water network. I acknowledge this application permits Power and Water to discuss the proposed connection arrangement with the above-listed installer including metering data and energy use, and other permissions or agreements as required from other relevant bodies such as retailers (i.e. buyback arrangements), local councils, building authorities, landlords or body corporate committees.

☐ Negotiated Connection

Full name

Signature

Date

Relationship to customer (e.g. registered electrical contractor, retailer, or

If the connection applicant is not the property owner (owner), by signing this Connection Application as an agent for or otherwise on behalf of the property owner (owner), the connection applicant warrants that it is duly authorised to sign the connection application and bind the owner to the agreement.

Please note, charges for services provided under Alternative Control Services may be invoiced directly to the electrical contractor, or where applicable, passed on to the requesting electrical retailer via a service order. Where a Basic Connection Application to complete works is submitted, payment may not be required upfront if a service order is to be raised by the customer's retailer.

By submitting this application, you acknowledge and accept responsibility for all applicable charges in accordance with Power and Water's standard pricing and service frameworks. Visit powerwater.com.au/pricing.

Incomplete or incorrect applications may result in processing delays.

Send to us

Email connect.me@powerwater.com.au

Postal PO Box 37471, Winnellie, NT 0821

Phone 1800 245 092

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powerwater.com.au