

Negotiated Connection Application Form

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

- Load connections that do not meet the basic connection requirements, or
- Embedded generation connections greater than 10kW single-phase or 30kW three-phase, and less than 2MW, or
- A basic connection where the applicant chooses to negotiate the terms and conditions for the model standing offers.

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. For micro embedded generation connections, a completed commissioning sheet will need to be provided in addition to the CoC. Please note, incomplete applications will result in a delay.

Please note, payment must be received in full before applications will be processed. Incomplete applications will result in a delay.

Complete and submit
your application

Confirm payment of
any connection fees

We'll assess your application
and get you connected

Section 1 : Customer details

Company/business name

First name

Last name

Email address

Phone number

Section 2: Service selection

Connection Service (please select all that are applicable):

- ☐ Embedded generation (solar PV and battery)
 ☐ New load connection
 ☐ Alteration to existing connection
 ☐ Other

☐ Unmetered supply

Proposed date of connection

Existing Meter type (please select)

- ☐ Single-phase
 ☐ Three-phase
 ☐ CT Meter
 ☐ HV Meter

Section 3: Site details

Please indicate your current or intended retailer

- ☐ Jacana Energy
 ☐ Rimfire
 ☐ Next Energy
 ☐ EDL

Other

Site address

Lot no.

Unit no.

Street no.

Street

Suburb

NMI² (required unless there is no existing NMI)

Identify any access issues (including any hazards if necessary)

Postal address

Head office address *If different from the above site address

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

² Please provide the NMI as stated on your most recent electricity bill from your current retailer.

Section 4: Details of electrical contractor/installer

Company/business name	CEC accreditation no. ³	NT electrical contractor licence no.
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

Part A– Solar (PV) / Other technical details

Is export required?	☐ Yes ☐ No	Proposed no. of phases:	☐ Single-phase ☐ Three-phase
Inverter make and model ⁴	Inverter rating (kVA)	Total no. of inverters	Export limiting device
PV panel make and model ⁴	PV panel rating (W)	No. of panels	Total array rating (kW)

Part B – Battery energy storage technical details⁵

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) ⁴	BES inverter rating (kVA)	Total no. of BES inverters
Battery pack make and model ⁴	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 configuration⁵

☐ Load shifting ☐ Backup ☐ Ramping / smoothing ☐ Other

Total system inverter rating⁶

☐ Attach voltage rise calculation details (compliant with AS4777.1 2016 Clause 3.3.3) ☐ Attach single line diagram⁷

☐ Operational Philosophy⁸

³ Installers are required to be accredited by the Clean Energy Council (CEC) and are required to install CEC accredited equipment only.

⁴ Enter specific model details as on the CEC's approved list.

⁵ For any questions regarding this section, contact your connections project officer.

⁶ If AC Coupled, total system inverter rating to include generator inverter rating plus battery inverter rating.

⁷ Single line diagram must be included for a complete application.

⁸ An Operational Philosophy is required for the System sizes that exceed the regional thresholds specified in the Secure System Guidelines; and Systems located within unregulated regions. Customer must confirm the requirement of this document with the connection Officer after submitting the Connection Application.

Existing generation and 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 as per 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 Network Planning Criteria, and
- Power and Water's Negotiated Embedded Generation Technical Requirements Specification
- Power and Water approval letters and agreements, and
- Any statutory requirements.

Installer's signature

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

Proposed new consumer mains size

mm²

mm²

Existing maximum demand

Total proposed new maximum demand

kVA

kVA

Setting of new main circuit breaker

Maximum setting of new main circuit breaker

A

A

Proposed no. of phases

Billing arrangement

☐ Single-phase

☐ Three-phase

☐ Prepaid meter

☐ Account-based meter

Any other details

Section 6: Invoice details

Invoice to be charged to (if required):

☐ Customer ☐ System installer/electrical contractor ☐ Installer/contractor ABN

Billing address (for invoice)

Works are to be undertaken during business hours, Monday to Friday 8am to 4pm, excluding public holidays, unless otherwise stated. After hours work will be undertaken between 4pm and 8am Monday to Friday. Work done on public holidays and weekends will be a quoted service.

Section 7: Declaration of connection applicant

By signing this application, I acknowledge and understand this application does not in any way provide approval for the installation of the requested connection to the Power and Water distribution network. I understand this application is a request for the technical assessment and approval from Power and Water and the outcome of the assessment will outline technical requirements associated with the connection arrangement requested.

Any additional information and requirements such as a Network Connection Agreement, fees and technical data are still applicable and required prior to the connection arrangement being finalised. I acknowledge that 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. buy-back arrangements), local councils, building authorities, landlords or body corporate committees.

Connection applicant name

Connection applicant signature

Date

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

OFFICE USE ONLY

Feeder Name

Feeder Number

Existing Distribution Substation Location Number

Rating of Existing Distribution Transformer

Send to us

Email connect.me@powerwater.com.au

Postal PO Box 37471, Winnellie, NT 0821

Phone 1800 245 092