

# Negotiated Connection Application Form

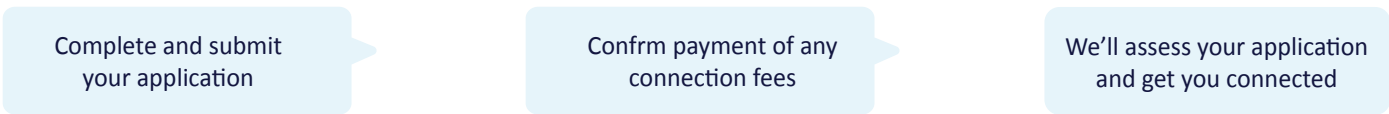
**1 July 2022 - 30 June 2023**

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 Manuals<sup>1</sup>. 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.



## Section 1 : Customer details

Company/business name	First name	Last name
Email address		

## 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
Unmetered supply	Other	
Proposed date of connection		<input type="text"/>

**Existing Meter type** (please select)

Single-phase	Three-phase	CT Meter	HV Meter
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## Section 3: Site details

**Please indicate your current retailer**  
(a copy of this application will be sent to your retailer as indicated below)

Jacana Energy	Rimfre	QEnergy	EDL	Next Energy	Other
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**Site address**

Lot no.	Unit no.	Street no.	Street	Suburb
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NMI<sup>2</sup> (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

<sup>1</sup> This application form replaces the Notice of Intention (NOI).  
<sup>2</sup> 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. <sup>3</sup>	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](mailto: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	
<b>Part A – Solar (PV) / Other technical details</b>			
Is export required?	Yes	No	Proposed no. of phases:
Inverter make and model <sup>4</sup>		Inverter rating (kVA)	Total no. of inverters
			Single-phase
			Three-phase
PV panel make and model <sup>4</sup>	PV panel rating (W)	No. of panels	Total array rating (kW)
<b>Part B – Battery energy storage technical details<sup>5</sup></b>			
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) <sup>4</sup>		BES inverter rating (kVA)	Total no. of BES inverters
Battery pack make and model <sup>4</sup>		Battery pack rating (kWh)	Total no. of battery packs
Battery control system make and model		Maximum discharge rate (kW)	Maximum charge rate (kW)
<b>Battery energy system operation configuration<sup>5</sup></b>			
Load shifting	Backup	Ramping / smoothing	Other
<b>Total system inverter rating<sup>6</sup></b>			
kVA			
Attach voltage rise calculation details (compliant with AS4777.1 2016 Clause 3.3.3)			Attach single line diagram <sup>7</sup>

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

<sup>4</sup> Enter specific model details as on the CEC's approved list.

<sup>5</sup> For any questions regarding this section, contact your connections project officer.

<sup>6</sup> If AC Coupled, total system inverter rating to include generator inverter rating plus batter inverter rating.

<sup>7</sup> Single line diagram must be included for a complete application

**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 consumer mains size**

**Existing maximum demand**

**Total proposed maximum demand**

**Setting of main circuit breaker**

**Maximum setting of main circuit breaker**

**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)

Service description 2022/2023 Charge (incl. GST)	Business hours charge / request		After hours	
	charge / request	qty.	charge / request	qty.
Embedded generation assessment fee >30kW to <=200kW (Embedded generation applications only)	\$1422.12		N/A	
Embedded generation assessment fee >200kW to <2MW with Export	\$10,000.00		N/A	
Embedded generation assessment fee >200kW to <2MW without Export	\$6,000		N/A	
Exchange or replace meter - single phase	\$661.93		\$814.17	
Exchange or replace meter – three-phase	\$790.65		\$972.50	
Meter program change	\$193.48		N/A	
Temporary disconnection and reconnection – physical dismantling	\$882.73		\$1,085.76	
Temporary disconnection and reconnection – no dismantling	\$342.50		\$421.28	
Complex disconnection	\$374.29		\$460.38	
Installation of minor apparatus (including data loggers)	\$747.68		\$919.65	
Provision of three phase service (upgraded from single phase)	\$1,677.20		\$2,062.96	
General meter inspection	\$167.72		N/A	
Other				
	<b>Subtotal</b>	\$	\$	
	<b>Total</b>	\$		

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

June 2022 | D2021/289139