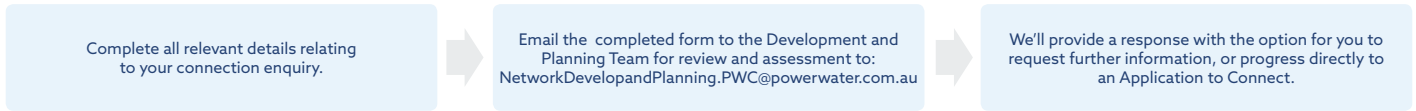


# Large Connection Enquiry Form

## For larger load and generating systems (greater than 2MW)



Please indicate below which category your connection enquiry relates to:

- An Embedded Generator (greater than 2MW) wishing to connect to the Power and Water Network; or
- An Embedded Generator (less than 2MW) who would like to undergo a more detailed negotiation process; or
- A connection directly onto the Transmission Network; or

If your enquiry does not fit one of the three categories above please contact [networkdevelopandplanning.pwc@powerwater.com.au](mailto:networkdevelopandplanning.pwc@powerwater.com.au)

### Section 1: Proponent Information

Proponent name

Company

ABN

Phone

Email

Address

Nominated Representative name (if different from above)

Company

ABN

Phone

Email

Address

### Section 2. Proposed Connection Enquiry details

Connection Service *(please select)*

- New Connection    Existing Connection

NMI *(for existing connections):*

Connection Type *(please select)*

- Generation    Load    Combination

Project Objective

Anticipated date for plant to be in service (e.g. estimated date for each plant)

Construction Start Date  /  /  Practical Completion Date  /  /  Proposed Commissioning Date  /  /

Site address - (List any alternatives in order of preference.)

Attach location map with this form if desired.

### Section 3. Generator Connection Arrangement

Generation Type *Choose an item.*

Inverter     Rotating     Inverter and Rotating     Other (provide details in Additional Information below)

Generation Technology *Choose an item.*

Synchronous generator     Induction generator     Solar photovoltaic     Energy storage  
 Other (provide details in Additional Information below)

Generating System Capacity

 MW(AC)

Generating System Voltage

Export Required:  Yes  No

Number of Generating Units

Existing Generation:  Yes  No If existing Generation - Capacity

 MW(AC)

If existing Generation - Type:

Total Site Generation Capacity

 MW(AC)     MVA

Total Site Generation Export Capacity

 MW(AC)     MVA

Anticipated Export Energy

 kWh

Anticipated Energy production (per month)

 MWh

Additional information

*(e.g. such as amount and timing of power required during construction or any auxiliary power requirements, or request for detailed enquiry)*

### Section 4. Load Connection Arrangement

Load Type: *Choose an item.*

Residential     Commercial     Industrial     Other (provide details in Additional Information below)

Total demand of whole plant

*(Total gross demand capacity, in MW and MVA)*

Expected energy consumption

*(MWh per month)*

*Nature of any disturbing load (size of disturbing component MW/MVA, duty cycle, nature of power electronic plant which may produce harmonic distortion)*

Additional information

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## Section 5. Additional information required

By submitting this enquiry, you are engaging Power and Water Corporation (Power and Water) to provide you with a written response. If additional information is required, we will contact you to advise prior to providing the response.

In preparing an application to connect, you will be requested by Power and Water to provide additional information relevant to connection application (including but not limited to):

- The full address of proposed installation including NMI and current meter number;
- A description of the entry point and transfer point as the Power and Water Substation, Pillar or Pole # of which the installation is/ will be connected;
- A description of the premises and connected plant suitable to determine load profile, power consumption and expected operation;
- A Single Line Diagram outlining the existing connection arrangements and the integration of the proposed generating system;
- Generating System details – Inverter size, number and size of PV panel arrays. Maximum export requested in kVA;
- Maximum annual demand of site in kVA, including any proposed growth or guaranteed reduction;
- Estimated annual energy consumption and production in kWh (Net and gross figures);
- Any disturbing load and step change details, and proposed ramp rates for generation; and
- Any additional information as requested by Power and Water.

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## Section 6. Declaration

To the best of my knowledge I/We certify that the information stated in the sections above are an accurate description of the proposed connection arrangement and the entities involved. I/We declare to be duly authorised by the proponent to submit this form.

Nominated Representative name (if different from above)

Date

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## Send to us

**Email** networkdevelopandplanning.pwc@powerwater.com.au  
**Postal** PO Box 37471, Winnellie, NT 0821  
**Phone** 1800 245 092

Effective from 1st April 2020 Version 2.0