



Major Customer Connection Application

For the Connection of Load ≥ 1 MVA and/or HV Generators

Please complete all Mandatory Fields * and include as much detail as possible to ensure we can meet your requirements.

1. REQUEST DETAILS

*Service Type: New Connection Connection alteration / modification

National Metering Identifier (NMI): (where existing) _____

- *Connection Type (select multiple where required):
- Load Connection greater than 1 MVA - connecting under Chapter 5A of the NER
 - High Voltage Embedded Generator less than 5 MVA - connecting under Chapter 5A of the NER
 - High Voltage Embedded Generator less than 5 MVA - opting to connect under Chapter 5 of the NER
 - High Voltage Embedded Generator 5 MVA and above - connecting under Chapter 5 of the NER

Note: Low Voltage (LV) Generator connections are not managed via this form, please use our [Customer Portal](#).

2. APPLICANT DETAILS

2.1. Retail Customer / Embedded Generator Details

Company Name: _____

ABN: _____ ACN: _____

Registered Address: _____

Contact Name: _____

Mobile Phone: _____ Other Phone: _____

*Email: _____

*Postal Address: _____

Postal City: _____ Postal State: _____ Postal Post Code: _____

2.2. Authorised Agent Details

Type of Agent: Consultant Builder Electrician

Company Name: _____

ABN: _____ ACN: _____

Registered Address: _____

Contact Name: _____

Mobile Phone: _____ Other Phone: _____

*Email: _____

*Postal Address: _____

Postal City: _____ Postal State: _____ Postal Post Code: _____



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3. PROPERTY AND LOCATION DETAILS

Site Name: _____

RP Number ID: _____ Lot Number: _____

GPS Latitude: _____ GPS Longitude: _____

*Physical Address: _____

Physical City: _____ Physical State: _____ Physical Post Code: _____

*Additional location details (i.e. restrictions, environmental, cultural, etc.): _____

Is the *retail customer / generator* the Registered Owner? Yes No

If no, enter Registered Owner Name: _____

4. PROJECT DESCRIPTION

4.1. Design & Construct Preference for Dedicated Customer Connection Assets

* Options (select one):

Option 1 - Energex Network design, construct and operate

Option 2 - Customer design, construct, and transfer asset ownership to Energex - DCT

Option 3 - Unsure at this stage

Please note: All shared network (used by more than one customer, including future use) will be designed, constructed, and owned by Energex.

4.2. Connection Timing

*Temporary Building Supply Required? Yes No

*Maximum Supply Demand (kVA): _____ *Required by Date: _____

*Required by Date - Permanent Electricity Supply: _____

*Details of Staging Time Frame and Other Construction Requirements? Yes No

5. DEMAND

5.1. Load Connection Details

*Purpose of Industry / Load _____

*Connection Voltage (kV): _____ *AS3000 Calculated Demand _____ MW W Amp

Metering Provider / Responsible person - person responsible for the provision, installation, and maintenance of a metering installation: _____

*Additional Maps, Site Plans or Diagrams Attached? Yes No

*Authorised Demand - highest 30min average demand expected after diversity for a 12-month period: _____

*Energy Consumption - estimated per annum - exclude energy that is self-produced with generation, where relevant: _____



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*Anticipated average monthly maximum demand (kW): _____ *Peak energy - proportion of total (%): _____

*Anticipated Power Factor - at high load _____ Power Factor Correction to be Installed? Yes No

5.2. Significant / Disturbing Loads (e.g. Plant that produces harmonics, Large Motors, Welders, Thyristor Drives)

Disturbing Load Details: _____ Size: _____ MW MVAr

_____ Size: _____ MW MVAr

Significant Load: _____

Refer to Attached Detail? Yes No

5.3. Other Development Types

Type of Plant- e.g. rolling mill, turbine gas/steam: _____

5.4. Generating System Details

Registration Category: (select one)

- Standing exemption from registration as a Generator (typically generators less than 5 MVA aggregated behind a connection point(s))
- Intending to apply for an exemption from registering as a Generator
- Intending to register with AEMO as a Generator
- Registered with AEMO as a Generator or Intending Participant.

Registration Reference: (where applicable) _____

Existing Generation on Site? Yes No

Existing Technology: Rotating Machine Inverter Energy System (IES) Hybrid (multiple technologies)

Existing Capacity (kVA): _____ Non-export Full export Partial export Export (kW): _____

Total Generation Proposed (kVA): _____ Multiple technology / generation types: Yes No

Proposed Systems:

	Type	Energy Source/s e.g. Diesel, Wind, PV, Biogas, Battery)	# of units	Size (kVA)	Capacity (kVA)
1	Rotating Machine <input type="checkbox"/> IES <input type="checkbox"/>	_____	_____	_____	_____
2	Rotating Machine <input type="checkbox"/> IES <input type="checkbox"/>	_____	_____	_____	_____
3	Rotating Machine <input type="checkbox"/> IES <input type="checkbox"/>	_____	_____	_____	_____

Purpose of System	Standby or backup power <input type="checkbox"/>	Co-Generation <input type="checkbox"/>	Customer demand management <input type="checkbox"/>	Commercial – energy export and sale <input type="checkbox"/>
Mode of parallel Operation	<input type="checkbox"/> Momentary parallel operation i.e. momentarily connects to and synchronises with grid for changeover between isolated mode and grid supply or vice versa (e.g., “make before break”, “seamless” or “bump-less” transfer)		<input type="checkbox"/> Parallel – Non-export i.e. connects to and synchronises with grid for extended periods, but no power is exported to the grid	



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Parallel – Export

i.e. connects to and synchronises with grid for extended periods and exports power to the grid

Forecasts: Total hours of parallel operation (hrs) _____

Maximum Export Power to Grid (kW) _____

Energy Output per annum (kWh) _____

6. SPECIAL REQUIREMENTS

Requirements: _____

7. OTHER INFORMATION / COMMENTS

Comments: _____

Election being made under clause 5.3.4B(b1) of the National Electricity Rules)

Yes

No

8. SUPPORTING DOCUMENTATION

Please confirm all relevant documentation in this section has been attached to this form as follows:

For load connections > 1 MVA:	Application Checklist for Load Connections.	Attached <input type="checkbox"/>
For generators < 5 MVA – Class A1:	Under 5MVA Application Checklist A1	Attached <input type="checkbox"/>
For generators < 5 MVA – Class A2:	Under 5MVA Application Checklist A2	Attached <input type="checkbox"/>
For generators < 5 MVA – Class B:	Under 5MVA Application Checklist B	Attached <input type="checkbox"/>
For generators ≥ 5 MVA:	Application Checklist and GPS Issues Register - EGs Over 5MW	Attached <input type="checkbox"/>

Please clearly identify if any requirements or details differ from those that were advised to us at the Enquiry stage and/or are additional information requested as part of the Technical Assessment

9. ACKNOWLEDGMENTS

9.1. Retail Customer / Embedded Generator Acknowledgement

In submitting this connection application, I/we acknowledge and agree to the following conditions:

Offer Date

For a connection under Chapter 5 - Typically Generators > 5 MVA

In accordance with the energy laws, Energex must provide an Offer to Connect to the embedded generator/registered participant within a certain timeframe of receiving a complete Application to Connect, with that offer to include the applicable performance standards and any system strength remediation requirements (where applicable). To enable us to properly prepare an Offer to Connect, the Registered Participant/ Generator acknowledges and agrees that we will provide an Offer to Connect by the later of the following dates:

- four months from the date on which we received a complete Application to Connect;
- where the project will not meet the automatic access standards, 20 business days from the date on which all relevant negotiated access standards have been agreed under rule 5.3.4A for inclusion in the connection agreement; and
- where a system strength remediation scheme has been proposed, 20 business days from the date on which that system strength remediation scheme has been agreed under rule 5.3.4B for inclusion in the connection agreement.

For a connection under Chapter 5A - Load Connections ≥ 1 MVA, or Generators > 30 kVA but <5 MVA



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In accordance with the energy laws, Energex must provide a connection offer to the Retail Customer within a certain timeframe of receiving a complete application for connection (including all information reasonably sought by Energex). To enable us to properly prepare a connection offer, the Retail Customer acknowledges and agrees that we will provide a connection offer by the later of the following dates:

- 65 business days from the date on which we received a complete application: and
- 20 business days from the date on which all relevant technical requirements have been determined for inclusion in the connection agreement.

Connection Assessment

The Retail Customer / Generator acknowledges and agrees:

- Energex processes connection applications in accordance with the negotiated connection process prescribed in the NER.
- Each connection application is assessed as a standalone project having regard to the circumstances existing at the particular point in time (including, but not limited to, the System Strength Impact Assessment Guidelines published by AEMO (as applicable)).
- As we may be concurrently processing two or more connection applications in the same area of our distribution system, changes to the committed status of one of those projects may have a material physical, technical or financial impact on the works required for any other projects still progressing through the connection process. For example, such impacts may include impacts on the relevant performance standards or other technical requirements with which a subsequent project may have to comply and in certain circumstances, imposing a requirement for the subsequent proponent to fund an augmentation of the distribution system.

As a consequence, the information previously advised by us to you may change and may involve increased costs and delays to the expected timeframe for the connection of your project.

Confidentiality

Consistent with the obligations of confidentiality under the energy laws, you acknowledge and agree that any information submitted as part of this Application Form, or for the purpose of establishing or altering a connection to our distribution system, may be released to our contractors, sub-contractors or consultants to assist us in processing and managing the Application to Connect on our behalf, and submission of this Application Form is deemed to be consent to such release.

In addition, and to facilitate transparency, Energex may disclose the following details relating to your proposed connection to third parties: the capacity requirements (covering import and export, as applicable), general project location, and relevant submission dates in the connection process. If you do not consent to this additional right of disclosure, please tick this box

Signed for and on behalf of the Retail Customer / Generator by its authorised representative:

Name: _____

Position: _____

Signature: _____

Date: _____

9.2. Appointment of Authorised Agent

I/we (Retail Customer / Generator) authorise the Authorised Agent to act on our behalf in relation to the project the subject of this Connection Application Form.

Retail Customer/ Generator Company: _____

Authorised Agent Company: _____

Authorised Agent Representative: _____

I/We acknowledge and agree that:

1. if the Authorised Agent appointed above is a company or organisation, then any employee or representative of that company or organisation is authorised to act on behalf of the Retail Customer / Generator under this appointment;
2. any information or advice provided by my/our Authorised Agent may be relied upon by Energex as if it were information or advice provided by the Retail Customer / Generator and I/we will be bound by the actions of the Authorised Agent under this appointment;
3. any information or advice provided by Energex to my/our Authorised Agent may be treated as having been provided to the Retail Customer / Generator;
4. Energex is not required to enquire into the circumstances or validity of this appointment or of any request or instruction given by the Authorised Agent in accordance with this appointment; and
5. this appointment continues until I notify Energex in writing of its cancellation.



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To the maximum extent permissible by law, I/we release Energex from any and all liability, loss or damage suffered or incurred as a result of Energex acting or relying on this appointment.

Retail Customer/ Generator

Name: _____ Position: _____

Company Name: _____

Signature: _____ Date: _____

Authorised Agent

Name: _____ Position: _____

Company Name: _____

ABN: _____ ACN: _____

Signature: _____ Date: _____

10. OTHER INFORMATION / COMMENTS

You will receive a response acknowledging your application within 10 working days of receipt. This reply will normally be sent via e-mail and will detail any missing information required before the application can be presented to a Major Customer Project Sponsor. Failure to provide this information will result in your application being placed 'on hold'.

The reply will contain a Work Request number, this reference number is to be used in all future contact in regard to this specific project. The reply will also confirm that Energex is the correct Network Service Provider (NSP) or provide you with further information regarding the identity of the appropriate NSP where you should direct your application.

Your application will be processed under the National Electricity Rules (NER). You should take time to understand your responsibilities under the NER, which can be found on Energex's website: www.energex.com.au or the Australian Energy Market Commission website: <https://www.aemc.gov.au/regulation/energy-rules>.

When completed, please e-mail this form and supporting documentation to majorcustomers@energyq.com.au