



# Major Customer Connection Application Form

For the Connection of Load  $\geq 1$  MVA and/or HV Generators

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

When completed, please attach and e-mail this form and supporting documentation to [majorcustomers@energyq.com.au](mailto:majorcustomers@energyq.com.au)

## 1. REQUEST DETAILS

<b>*Service Type</b>	<input type="checkbox"/> New Connection - establishing an initial connection of the premises/property to our distribution system <input type="checkbox"/> Connection alteration / modification - modifying the connection to our distribution system (including changes to the connected plant/equipment)
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<b>National Metering Identifier (NMI)</b> (where existing)	<input type="text"/>
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<b>*Connection Type</b> (select multiple where required)	<input type="checkbox"/> Load Connection greater than 1 MVA - connecting under Chapter 5A of the NER <input type="checkbox"/> High Voltage Embedded Generator less than 5 MVA - connecting under Chapter 5A of the NER <input type="checkbox"/> High Voltage Embedded Generator less than 5 MVA - opting to connect under Chapter 5 of the NER <input type="checkbox"/> High Voltage Embedded Generator above 5 MVA - connecting under Chapter 5 of the NER
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Note: The following connection types are not managed via this form, please refer below for the appropriate application method:

- For **Low Voltage (LV) Generators greater than 30 kVA**, please use Energex's [Customer Portal](#).
- For **small photovoltaic systems (less than or equal to 10 kVA 1 Phase, or less than or equal to 30 kVA 3 Phase)**, please telephone our Energex Contact Centre on 131253).

## 2. APPLICANT DETAILS

<b>*Application from</b>	<input type="checkbox"/> Retail Customer / Generator <input type="checkbox"/> Authorised Agent (for and on behalf of the Retail Customer / Generator)
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Note: where this form is submitted by an Authorised Agent, the Authorised Agent Details section of this form is mandatory and must be completed in order for this form to be processed.

### 2.1 Retail Customer / Embedded Generator Details

<b>* Name</b>	<input type="text"/>		
<b>*Company Name</b> (not trading name)	<input type="text"/>		
<b>*Phone Number</b>	<input type="text"/>	<b>Mobile Number</b>	<input type="text"/>
<b>*ABN</b> (If applicable)	<input type="text"/>	<b>*ACN</b> (If applicable)	<input type="text"/>
<b>*E-mail</b>	<input type="text"/>		
<b>*Postal Address</b>	<input type="text"/>		
<b>Postal City</b>	<input type="text"/>	<b>Postal State</b>	<input type="text"/>
		<b>Postal Postcode</b>	<input type="text"/>

### 2.2 Authorised Agent Details (where applicable)

<b>Type of Agent</b>	<input type="checkbox"/> Consultant <input type="checkbox"/> Builder <input type="checkbox"/> Electrician		
<b>Contact Name</b>	<input type="text"/>		
<b>Company Name</b> (If applicable)	<input type="text"/>		
<b>*ABN</b> (If applicable)	<input type="text"/>	<b>*ACN</b> (If applicable)	<input type="text"/>
<b>*Phone Number</b>	<input type="text"/>	<b>Mobile Number</b>	<input type="text"/>
<b>E-mail</b>	<input type="text"/>		



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*Postal Address			
Postal City	Postal State	Postal Postcode	

## 3. PROPERTY AND LOCATION DETAILS

*Site Name or Reference			
*RP Number ID		Lot Number	
GPS Latitude		GPS Longitude	
Physical Street			
Physical City	Physical State	Physical Postcode	
Additional details on location (i.e. restrictions, environmental, cultural, etc.)			
Is the <i>retail customer</i> / generator the Registered Owner? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If no, enter Registered Owner Name			

## 4. PROJECT DESCRIPTION

### 4.1 Design & Construct Preference for Dedicated Customer Connection Assets

* Options (select one)	<input type="checkbox"/> Option 1 - Energex Network design, construct and operate <input type="checkbox"/> Option 2 - Customer design, construct, and transfer asset ownership to Energex - DCT <input type="checkbox"/> Option 3 - Unsure at this stage
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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?	<input type="checkbox"/> Yes <input type="checkbox"/> No	*Maximum Supply Demand	kVA	*Required by Date	
*Required by Date - Permanent Electricity Supply					
*Details of Staging Time Frame and Other Construction Requirements? Provide details below:					<input type="checkbox"/> Yes <input type="checkbox"/> No

## 5. DEMAND

### 5.1 Load Connection Details

*Purpose of Industry / Load					
*Connection Voltage	kV	*AS3000 Calculated Demand		<input type="checkbox"/> MW <input type="checkbox"/> W <input type="checkbox"/> Amp	
Metering Provider / Responsible person - person responsible for the provision, installation, and maintenance of a metering installation					
*Additional Maps, Site Plans or Diagrams Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No					



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

\***Energy Consumption** - estimated consumption in per annum - exclude energy that is self-produced with generation, where relevant  kWh

\***Anticipated average monthly maximum demand**  kW \***The peak energy as a proportion of total**  %

\***Anticipated Power Factor** - at high load (e.g. 0.85)  **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  MVA  
 **Size**   MW  MVA

**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**  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

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

**Purpose of system(s)**  Standby or backup power  Co-Generation  Customer demand management  Commercial – energy export and sale

**Mode of parallel Operation**  
 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", "seam-less" or "bump-less" transfer)  
 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

<b>Forecasts</b>	Total hours of parallel operation		hrs per annum
	Maximum Export Power to Grid		kW
		Energy Output per annum	kWh

## 6. SPECIAL REQUIREMENTS

List any special requirements in relation to the connection

List any future load requirements in relation to the connection (e.g. N-1, back up supply etc)

## 7. OTHER INFORMATION / COMMENTS

## 8. SUPPORTING DOCUMENTATION

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

**For load connections**

Please provide details of your requirements and the specifications of the facility to be connected. 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.

**For generators < 5 MVA seeking application to connect**

Please refer to our Application checklist, located on our website by Class (refer to Technical Assessment for Class information) for details of the supporting documentation to be provided:

[Application Checklist - Class A1](#); [Application Checklist - Class A2](#); or [Application Checklist - Class B](#)

**For generators  $\geq 5$  MVA seeking application to connect**

Please refer to our Application checklist, located on our website by Class (refer to Technical Assessment for Class information):

[Application Checklist - Generator Connecting under 5.3A](#)

## 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.



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

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:

<hr/>	Name	<input type="text"/>
	Position	<input type="text"/>
<b>Signature of Authorised representative</b>	Date Signed	<input type="text"/>

### 9.2 Appointment of Authorised Agent

I/we  (Retail Customer / Generator) authorise  
 (Authorised Agent) to act on our behalf in

relation to the project the subject of this Connection Application Form.

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;



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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.
- 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.

<hr/> <b>Signature of Retail Customer/ Generator</b>	Name	<input type="text"/>
	Position	<input type="text"/>
	Date Signed	<input type="text"/>
<hr/> <b>Signature of Authorised Agent</b>	Name	<input type="text"/>
	Position	<input type="text"/>
	Date Signed	<input type="text"/>

## 10. NOTES

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](http://www.energex.com.au) or the Australian Energy Market Commission website: <https://www.aemc.gov.au/regulation/energy-rules>.

When completed, please attach and e-mail this form to [majorcustomers@energyq.com.au](mailto:majorcustomers@energyq.com.au)