



# Large Customer Connection Application

## Load $\geq$ 1 MVA and/or high voltage DER Systems

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

### 1. REQUEST DETAILS

#### Process & Service selection

\*Connection service: ☐ New Connection ☐ Modify existing connection

#### Existing connection details (where applying for an alteration/modification)

National Metering Identifier (NMI):			
Existing Type	<input type="checkbox"/> Load $\geq$ 1 MVA	<input type="checkbox"/> DER System < 5 MVA	<input type="checkbox"/> DER System 5MVA and above
Existing Metering	<input type="checkbox"/> High voltage	<input type="checkbox"/> Low voltage	
Existing Import Demand:	kVA		
Total DER System Capacity:	kVA		
Existing Export:	<input type="checkbox"/> Non-export	<input type="checkbox"/> Full export	<input type="checkbox"/> Partial export
Existing Technology:	<input type="checkbox"/> Rotating Machine	<input type="checkbox"/> Inverter Energy System (IES)	<input type="checkbox"/> Hybrid (multiple technologies)

#### Proposed connection details

*Proposed Type:	<input type="checkbox"/> Load $\geq$ 1 MVA	<input type="checkbox"/> DER System < 5 MVA	<input type="checkbox"/> DER System 5MVA and above
Opting to connect:	<input type="checkbox"/> Select if DER System < 5 MVA opting to connect under Chapter 5 instead of Chapter 5A		
*Connection Preference:	<input type="checkbox"/> High voltage	<input type="checkbox"/> Low voltage	<input type="checkbox"/> PMT - Indoor <input type="checkbox"/> Outdoor
*Proposed Import Demand:			
*Proposed Total DER System Capacity:	kVA		
*Export capability:	<input type="checkbox"/> Non-export	<input type="checkbox"/> Full export	<input type="checkbox"/> Partial export
*Technology:	<input type="checkbox"/> Rotating Machine	<input type="checkbox"/> Inverter Energy System (IES)	<input type="checkbox"/> Hybrid (multiple technologies)

**Note:** Low voltage (LV) generator/bi-directional production units are not managed via this form, please use our [Customer Portal](#).

### 2. APPLICANT DETAILS

\*This application is submitted by: ☐ Retail Customer/*Generator or Integrated Resource Provider* ☐ Authorised Agent (for and on behalf of the Retail Customer/*Generator or Integrated Resource Provider*)

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/*Generator or Integrated Resource Provider* Details

Company Name:



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

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 <input type="checkbox"/>	Builder <input type="checkbox"/>	Electrician <input type="checkbox"/>
Company Name:			
ABN:		ACN:	
Registered Address:			
Contact Name:			
Mobile Phone:		Other Phone:	
*Email:			
*Postal Address:			
Postal City:		Postal State:	
		Postal Post Code:	

### 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 <i>Retail Customer/Generator</i> or <i>Integrated Service Provider</i> the Registered Owner?			Yes <input type="checkbox"/> No <input type="checkbox"/>
If no, enter Registered Owner Name:			

### 4. PROJECT DESCRIPTION

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

* Options	<input type="checkbox"/> Option 1 - Ergon Energy Network, construct and operate dedicated connection assets
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(select one):

☐ Option 2 - Customer design, construct, and transfer dedicated connection assets to Ergon Energy Network - DCT

### 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? Provide details below

Yes ☐

No ☐

## 5. PROPOSED 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:

\*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. DER System Details

Registration Category:  
(select one)

☐ Standing exemption from registration as a *Generator* or *Integrated Resource Provider* (typically generators less than 5 MVA aggregated behind a connection point(s))

☐ Intending to apply for an exemption from registering as a *Generator* or *Integrated Resource Provider*



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- ☐ Intending to register with AEMO as a *Generator* or *Integrated Resource Provider*
- ☐ Registered with AEMO as a *Generator* or *Integrated Resource Provider* or Intending Participant.

Registration Reference: (where applicable)

**Total Generation Proposed (kVA):**

**Multiple technology / generation types:** Yes ☐ No ☐

### Existing 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"/>				

### New / Additional 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”, “seam-less” 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		
	<input type="checkbox"/> 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)	Maximum Export Power to Grid (kW)	Energy Output per annum (kWh)
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## 6. SPECIAL REQUIREMENTS

Requirements:

## 7. OTHER INFORMATION / COMMENTS

Comments:

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### 8. SUPPORTING DOCUMENTATION

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

For load connections > 1 MVA:	<a href="#">Application Checklist for Load Connections.</a>	Attached <input type="checkbox"/>
	<a href="#">Design Compliance Report Bumpless Class A1</a>	Attached <input type="checkbox"/>
For generators/bidirectional production units < 5 MVA – Class A1:	<a href="#">Design Compliance Report Solar Class A1</a>	
	<a href="#">Design Compliance Report Standby or Continuous Parallel Class A1</a>	
For generators < 5 MVA – Class A2:	<a href="#">Under 5MVA Application Checklist A2</a>	Attached <input type="checkbox"/>
For generators < 5 MVA – Class B:	<a href="#">Under 5MVA Application Checklist B</a>	Attached <input type="checkbox"/>
For generators $\geq 5$ MVA:	<a href="#">Application Checklist and GPS Issues Register - EGs Over 5MW</a>	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

Comments:	
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### 9. ACKNOWLEDGMENTS

#### 9.1. Retail Customer/Generator or Integrated Resource Provider Acknowledgement

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

##### Connections Assessment

The *Retail Customer/Generator or Integrated Service Provider* acknowledges and agrees:

- Energex processes connection applications in accordance with the relevant 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 consent 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 disclosed to our employees, contractors, sub-contractors and consultants to assist us in processing and managing your proposed connection (including this application) on our behalf, and submission of this Application Form is deemed to be consent to such disclosure. You also warrant that any information of a third party has been properly obtained and you are authorised to disclose this information to us (and we are entitled to use and disclose that information in accordance with the energy laws).



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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 or Integrated Service Provider by its authorised representative:**

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### 9.2. Appointment of Authorised Agent

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

Retail Customer/Generator or Integrated Service Provider 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 or Integrated Resource Provider 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 or Integrated Resource Provider 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 or Integrated Resource Provider;
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.

**Retail Customer/Generator or Integrated Resource Provider**

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Authorised Agent**

Name: \_\_\_\_\_ Position: \_\_\_\_\_

Company Name: \_\_\_\_\_

ABN: \_\_\_\_\_ ACN: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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