

# Basic Connection Service Model Standing Offer:

Connecting certain  
micro embedded generating units  
(i.e. inverter energy systems (IESs)  
>30 kVA-200 kVA)

# BASIC CONNECTION SERVICE MODEL STANDING OFFER: CONNECTING MEGU (IES >30 KVA-200 KVA)



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## 1. SCHEDULE – ~~PREMISES~~-SPECIFIC DETAILS

### 1.1. Ergon Energy's details

Name	Ergon Energy Corporation Limited
ABN	50 087 646 062
Registered address	420 Flinders Street, Townsville QLD 4810
Postal address	GPO Box 1461, Brisbane QLD 4001
Contact person	Solar and Renewables
Phone number	13 74 66
Email address	<a href="mailto:ergongeneration@energyq.com.au">ergongeneration@energyq.com.au</a>

### 1.2. Retail Customer's details

Name of <i>Retail Customer</i> (must be the person/entity responsible for the electricity account at the <i>premises</i> )	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
ABN/ACN (if applicable)	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
Postal address	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
Contact person	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
Phone number	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
Email address	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]

### 1.3. Premises and NMI

<i>Premises</i> that the <i>subject generator</i> is on	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]
<i>NMI</i>	[Per the details listed in <i>your connection application</i> or inserted from the <i>Portal</i> ]

### 1.4. Export

The *generating system* connected to our *distribution system* at the *connection point* may *export* electricity into our *distribution system*, but only up to the level specified in the *compliance report* approved by us (which will not exceed the relevant limits set out in Item 1.8), and on the condition that the metering equipment complies with the *energy laws*.

If the *compliance report* does not provide for *export*, then no electricity may be *exported*, other than as necessarily required for the *generating system* to *interconnect* with our *distribution system* and operate in parallel with our *distribution system*.

### 1.5. EG standards

Name of Standard	Applies when:
STNW1174 Standard for Low Voltage Embedded Generating Connections	The aggregate capacity of all <i>generating units</i> that are <i>connected to our distribution system</i> at the <i>connection point</i> exceeds 30 kVA but does not exceed 1,500 kVA and the <i>connection point</i> is <i>low voltage</i> .

The above *EG standard* is available on our website ([www.ergon.com.au](http://www.ergon.com.au)).

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## 1.6. Estimated costs

The *connection charges* payable for the provision of the *connection service* are described in clause 9.

## 1.7. Location of connection point

The *connection point* is located at the point where the electrical infrastructure at the *premises* meets *our distribution system*, as described in the *site-specific enquiry response*.

## 1.8. Basic connection services

<p><b>EG 3:</b> main grid 30-100 kVA</p>	<p>This <i>basic connection service</i> is available for the <i>connection</i> of one or more new <i>micro embedded generating units</i> (or the modification of a <i>connected generating system</i> comprising such <i>micro embedded generating units</i>) where:</p> <ul style="list-style-type: none"> <li>• <b>(existing connection to available main grid line)</b> there is a single existing single-phase, 2-phase or 3-phase <i>connection</i> (with a <i>NMI</i>) between the <i>network(s)</i> at the <i>premises</i> and an <i>available line</i> (other than a <i>SWER line</i>) in <i>our distribution system</i>; and</li> <li>• <b>(single connection point)</b> the <i>network(s)</i> are currently: <ul style="list-style-type: none"> <li>○ only <i>connected to our distribution system</i> via the above <i>connection point</i> (and no other <i>connection point</i>); and</li> <li>○ not, behind that <i>connection point</i>, electrically connected to any other <i>network</i> that is <i>connected to our distribution system</i> or any other <i>distribution system</i> or <i>transmission system</i>;</li> </ul> </li> <li>• <b>(capacity/export restrictions)</b> the <i>connection/modification</i> will result in the following at the <i>connection point</i>: <ul style="list-style-type: none"> <li>○ <b>(inverter capacity)</b> a total <i>inverter capacity</i> of greater than 30 kVA but no more than 100 kVA; and</li> <li>○ <b>(maximum export)</b> export of no more than 15 kW in total.</li> </ul> </li> </ul>
<p><b>EG 4:</b> main grid 100-200 kVA</p>	<p>This <i>basic connection service</i> is available for the <i>connection</i> of one or more new <i>micro embedded generating units</i> (or the modification of a <i>connected generating system</i> comprising such <i>micro embedded generating units</i>) where:</p> <ul style="list-style-type: none"> <li>• <b>(existing connection to available main grid line)</b> there is a single existing single-phase, 2-phase or 3-phase <i>connection</i> (with a <i>NMI</i>) between the <i>network(s)</i> at the <i>premises</i> and an <i>available line</i> (other than a <i>SWER line</i>) in <i>our distribution system</i>; and</li> <li>• <b>(single connection point)</b> the <i>network(s)</i> are currently: <ul style="list-style-type: none"> <li>○ only <i>connected to our distribution system</i> via the above <i>connection point</i> (and no other <i>connection point</i>); and</li> <li>○ not, behind that <i>connection point</i>, electrically connected to any other <i>network</i> that is <i>connected to our distribution system</i> or any other <i>distribution system</i> or <i>transmission system</i>;</li> </ul> </li> <li>• <b>(capacity/export restrictions)</b> the <i>connection/modification</i> will result in the following at the <i>connection point</i>: <ul style="list-style-type: none"> <li>○ <b>(inverter capacity)</b> a total <i>inverter capacity</i> of greater than 100 kVA but no more than 200 kVA; and</li> <li>○ <b>(maximum export)</b> export of no more than 30 kW in total.</li> </ul> </li> </ul>

## **1. WHO ARE THE PARTIES TO THIS CONTRACT?**

This contract is between:

- (a) *Ergon Energy* (also referred to as *we*, *our* or *us*); and
- (b) the *Retail Customer* by whom, or on whose behalf, the relevant *connection application* was made (also referred to as *you* or *your*).

## **2. RECITALS**

- (a) *You* want to *interconnect* the *subject generator* (directly or indirectly) with *our distribution system* at the *connection point*, so that it can:
  - (i) operate in parallel with *our distribution system*; and
  - (ii) *export* electricity into *our distribution system* at the *connection point*, but only up to the level in Item 1.4 of the Schedule,and we want to impose conditions on those *generating units* so that this *interconnection* does not adversely affect *our distribution system*.
- (b) This contract sets out the terms of *our* consent to the above.

## **3. DEFINED TERMS**

Terms used in the contract and italicised (other than in respect of pieces of legislation) are either defined in clause 19 or, if not defined there, in the *energy laws* (in particular the *NER*).

## **4. WHAT DOCUMENTS MAKE UP THIS CONTRACT?**

- (a) This *connection establishment contract* includes the terms of the *connection application* and this *model standing offer*.
- (b) This contract supplements, but (except in relation to the *interconnection*) does not modify, *your ongoing connection contract* with *us* for the *premises*.
- (c) To the extent permitted by law, this contract prevails over any inconsistent terms in the *ongoing connection contract*.
- (d) Nothing in this contract affects the operation of, or any rights, entitlements and obligations under, any law or *approval* in connection with the *subject generator*.

## **5. WHAT SERVICES IS THIS CONTRACT FOR?**

- (a) Provided *you* comply with this contract, *we* will provide *you* with the relevant *basic connection service* set out in the Schedule, by consenting to the interconnection of the *subject generator* with *our distribution system*.
- (b) *You* are responsible for contacting *your electricity retailer* to arrange for relevant metering equipment to be installed and/or reconfigured in accordance with the *energy laws*.
- (c) This contract does not apply to:
  - (i) the ongoing *connection* of *your premises* to *our distribution system* or the supply of electricity to those *premises*, which is covered by an *ongoing connection contract* between *you* and *us*;
  - (ii) the sale of electricity to *your premises*, which is covered by a negotiated or deemed contract between *you* and *your electricity retailer*; or
  - (iii) the sale of electricity generated by any *generating units* connected to *our distribution system* at *your connection point*.

## **6. WHEN DOES THIS CONTRACT START AND FINISH?**

- (a) This contract starts either:
  - (i) **(expedited)** if in *your connection application* *you* asked for an *expedited connection* and confirmed that this *model standing offer* was acceptable, and *we* are satisfied that the *connection application* is for a *connection service* under this *model standing offer* –

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- when we received *your connection application* (in which case Items 1.2 and 1.3 of the Schedule are deemed to be completed based on the corresponding information in the *connection application*); or
- (ii) **(non-expedited)** if clause 6(a)(i) does not apply – on the date when *you* accept this *connection offer* through our online portal at <https://epp.ergon.com.au/epp>, provided this is within 45 *business days* of the date the *connection offer* is issued through that portal.
- (b) To be a *connection service* under this *model standing offer*, there must be an *available line*. We will advise *you* within 10 *business days* of receiving *your connection application* whether the requested service:
- (i) is a *connection service* under this *model standing offer* (in which case this contract will commence in accordance with clause 6(a)); or
  - (ii) is not a *connection service* under this *model standing offer* (in which case this contract will not be relevant, and *you* will need to go through the negotiated process to enter into a negotiated *connection establishment contract* to get the services requested in *your connection application*).
- (c) Without limiting anything else in this contract, *you* must not take any action that might affect *our distribution system* until we are satisfied that the *connection application* is for a *connection service* under this *model standing offer*.
- (d) This contract will end (and the consent in clause 8(g) will be withdrawn):
- (i) if we determine that any *network augmentation* works are required other than works that we consider to be minor works or those that are set out in the *connection service* (in which case the parties must enter into a negotiated *connection establishment contract* for the services) – when we notify *you* of this;
  - (ii) if we consider that the information in the *connection application* is materially incomplete, false or misleading – when we notify *you* of this;
  - (iii) if we become aware that the *generating units* on *your* side of the *connection point* do not match the details of the *subject generator* or any previously-approved *generating system* comprising *micro embedded generating units*;
  - (iv) if the requested services are not of a kind contemplated by this contract – when we notify *you* of this;
  - (v) if *you* have not complied with the requirements of clause 8 within the relevant timeframes – when each of those timeframes expires (note that we may agree to extend this period by up to 65 *business days* in special circumstances);
  - (vi) if *your ongoing connection contract* ends – when that contract ends;
  - (vii) if *you* and *we* enter into a replacement contract for *us* to provide the same or similar *connection services* for the same *premises* – when that replacement contract takes effect; and
  - (viii) as provided in clause 13 of this contract.
- (e) If this contract ends:
- (i) we may *disconnect*, dismantle, decommission and remove any of *our* assets that are only relevant to the *connection service*;
  - (ii) *you* acknowledge that we cannot (due to changing conditions on *our distribution system*) guarantee that the capacity originally requested in the *connection application* and approved by *us* will necessarily be approved in respect of any subsequent *connection application*; and
  - (iii) *you* must ensure that:
    - (A) if the *subject generator* is a new *generating system*, it is promptly either *de-energised* or reconfigured so that it does not *connect* to *our distribution system*, and is not *reconnected* without *our* prior written consent (which will take the form of a new agreement); and



- (B) if the *subject generator* is an amendment to an existing *generating system*, that such *generating system* is promptly restored to its previously approved status (or, if this is impractical, that it is treated as if it were a new *generating system* under clause 6(e)(iii)(A)).

## **7. WHEN WILL THE SERVICES BE PROVIDED?**

- (a) Subject to clause 7(e), and provided that *you* have complied with this contract (including, without limitation, the obligations set out in clause 11), *we* will use *our* best endeavours to:
  - (i) start providing the *connection service* to *you* on:
    - (A) if *we* have agreed a date with *you* – that date; or
    - (B) if *we* have been unable to agree dates with *you* – one *business day* after *you* have met the relevant obligations and prerequisites under clauses 8 and 11; and
  - (ii) subject to *you* complying with this contract, finish providing the *connection service* to *you* by:
    - (A) if *we* have agreed a date with *you* – that date;
    - (B) if *we* have not agreed a date with *you* and the *connection service* does not require any extension of, or *network augmentation* to, the *distribution system* – at the end of the period set out in clause 3.7.3 of the *Electricity Distribution Network Code*, a copy of which is available on the website of the Queensland Competition Authority ([www.qca.org.au](http://www.qca.org.au)); or
    - (C) if neither of the above apply – on the date that *we* agree with *you*.
- (b) On occasion, *we* may need to contact *you* to seek *your* agreement to an extension to the above periods.
- (c) *You* acknowledge that the timeframe for *connection* will depend on when the *Retail Customer's activities* are completed.
- (d) *You* must do all things necessary to be done by *you*, including, without limitation, providing access, obtaining relevant *approvals*, and carrying out other relevant *Retail Customer's activities*, to allow the above timeframes to be achieved.
- (e) Despite clause 7(a):
  - (i) *we* do not have to start providing the *connection service* until *you* have obtained any relevant *approvals*;
  - (ii) *we* do not have to start providing the *connection service* until *you* have complied with clause 11.2;
  - (iii) *we* do not have to finish providing the *connection service* until *you* have complied with *your* obligations under this contract; and
  - (iv) if *we* become aware of any material information or circumstances (including, without limitation, any inaccuracy in the *connection application* or anything that is discovered at or near the *premises* that will affect the relevant works or provision of the *connection service*) which, had *we* known of it before this contract started, would have resulted in *us* not entering this contract, then *we* may take such reasonable actions as *we* consider appropriate in the circumstances.

## **8. PROCESS FOR CONNECTION**

- (a) *You* must not *interconnect* the *subject generator* with *our* *distribution system* except in accordance with this clause 8.
- (b) *You* must do the following:
  - (i) arrange for a full or provisional *accredited installer* to install the *subject generator* in accordance with the *EG standard* and the *QECM*;
  - (ii) contact *your electricity retailer* to:

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- (A) ensure that they consent to the *subject generator* being installed;
  - (B) if required, arrange for appropriate metering equipment to be installed in accordance with relevant *energy laws* and the *QECM*;
  - (C) unless otherwise agreed with *us*, program the metering equipment to net off the *exported* electricity against the usage; and
  - (D) if the meter at *your premises* is an electromechanical meter, ensure that the *subject generator* is switched off at the AC supply isolating switches until *you* have confirmed with *your electricity retailer* that the metering equipment at the *premises* has been modified or reconfigured to comply with the *energy laws*; and
  - (E) issue *us* with a service order for the connection;
- (iii) arrange for the *micro embedded generating unit(s)* to be tested and commissioned, and give *us* the option of attending this testing and commissioning;
  - (iv) arrange for an *RPEQ* to certify the design, testing and commissioning of all *generating units connected to our distribution system* at the *connection point* in accordance with the *EG standard*;
  - (v) ensure that the *micro embedded generating unit(s)* are *de-energised* immediately after such testing and commissioning; and
  - (vi) within six months of the date of this contract, provide *us* (via email at [ergongeneration@energyq.com.au](mailto:ergongeneration@energyq.com.au)) with a complete *compliance report* that is certified and signed by the *RPEQ*.
- (c) Once we have reviewed and approved the *compliance report*, we will provide *you* with advice about how to submit an *electrical work request* to *us* via *our* SI Portal.
  - (d) *You* must, within 10 *business days* of receiving this advice, submit the *electrical work request* (containing the "Connect" reference number and confirming compliance with clauses 11.2(f) and 11.2(g)) to *us* through *our* online portal at <https://epp.ergon.com.au/epp>.
  - (e) *You* may *re-energise* the *micro embedded generating unit(s)* once *you* have complied with clause 8(d) and *your electrical retailer* has either confirmed that no metering changes are required, or that the required metering changes have been implemented.
  - (f) *You* must ensure that the *subject generator* complies with this contract, including, without limitation, the *technical and safety obligations*.
  - (g) Subject to *your* compliance with this clause and the remainder of this contract, we consent to the *interconnection* of the *subject generator*.

### 9. HOW MUCH WILL THIS COST?

- (a) *Our Connection Policy* (which is available on *our* website ([www.ergon.com.au](http://www.ergon.com.au))) describes how we determine the *connection charges* payable by *you* (which are regulated by the *AER*).
- (b) There are broadly two types of *connection charges* relevant to *you*, being for:
  - (i) *standard control services* – the costs of which are included in *your* usual electricity network charges; and
  - (ii) *alternative control services* – which are an additional charge. These are described in *our ACS Price List* and set out in *our network tariff tables* (which are both available on *our* website ([www.ergon.com.au](http://www.ergon.com.au))). Please note that these charges can include pre-connection services, connection services and post-connection services, among other things.
- (c) Please contact *us* if *you* have any further questions about which *connection charges* are relevant to *you*.
- (d) We will issue tax invoices for any charges that are incurred in connection with providing the *connection service*. If we send the invoice to *your electricity retailer*, *your electricity retailer* may recover the relevant charges from *you*. If we send the invoice to *you*, *you* must pay *us* in accordance with the invoice.



- (e) Subject to any *energy laws*, you are not entitled to receive any payment, credit or offset from us under this contract in respect of any electricity generated by the *subject generator*.
- (f) The *energy laws* may let us charge our customers for using our *distribution system* and/or any other networks for the *interconnection* of, and/or *export* from, the *subject generator*. If so, we will charge in accordance with the *energy laws*.

## **10. THINGS THAT *WE* CAN AND/OR MUST DO**

- (a) We must:
  - (i) in accordance with the *energy laws* and the *QECM*, undertake the relevant *Ergon Energy activities* required to provide the *connection service*; and
  - (ii) give you any information you reasonably ask us in writing for about your *connection* that is in our possession or control, as soon as reasonably practical following that request, in accordance with relevant privacy and right to information laws.
- (b) Even if the *connection service* permits the *export* of electricity into our *distribution system*, this consent is not a representation by us or a guarantee from us that any *generating system* on your side of the *connection point* will, at all times:
  - (i) generate electricity for your use at the *premises*; or
  - (ii) be able to *export* generated electricity into our *distribution system*.
- (c) Provided we act reasonably, we may determine the design, specifications and any other parameters for the *connection service*.
- (d) We will comply with our obligations under this contract and under any relevant laws.
- (e) Our obligations extend down to the *connection point* (as defined by us) and not beyond.
- (f) We may carry out any other works or other activities required to deal with an emergency as part of providing the *connection service*.
- (g) We may *disconnect* any *generating systems* connected to our *distribution system* at the *connection point*:
  - (i) if any required *approval* in respect of the *generating system* is not held;
  - (ii) for health and safety reasons or in an emergency;
  - (iii) if required to do so at the direction of any *authority*; or
  - (iv) in accordance with any other right or entitlement that we have to *disconnect* the *generating system* under any laws or agreements with you, including this contract.
- (h) We may temporarily interrupt any *generating system* or curtail the electricity generated by any *generating system* connected to our *distribution system* at the *connection point*, including:
  - (i) for a *distributor planned interruption* or where there is an *unplanned interruption*;
  - (ii) in accordance with the conditions of any applicable tariff;
  - (iii) under a contract with your electricity retailer;
  - (iv) at the direction of a *relevant authority*; or
  - (v) in accordance with the *energy laws*.
- (i) If the *subject generator* has equipment installed that allows us to control the *subject generator* remotely, we may use the equipment to temporarily interrupt the *subject generator* or curtail the electricity generated by the *subject generator* in accordance with the *energy laws*. Further information about how we use remote control equipment is available on our website ([www.ergon.com.au](http://www.ergon.com.au)) or you may contact us to request a copy.
- (j) Some obligations placed on us under this contract may be carried out by a third party. If an obligation is placed on us to do something under this contract, then:
  - (i) we are deemed to have complied with the obligation if another person does it; and

- (ii) if the obligation is not complied with, we are still *liable* to *you* for the failure to comply with this contract.

## **11. THINGS THAT *YOU* MUST DO**

### **11.1. General**

- (a) *You* must not:
  - (i) without first making a new *connection application* to *us* and, where relevant, entering into a relevant agreement with *us*:
    - (A) install any new *generating unit(s)* or upgrade or change (other than by way of a like-for-like replacement under warranty) any *generating unit(s)*;
    - (B) install any new battery storage or upgrade or change any battery storage capacity; or
    - (C) install any new *inverters* or upgrade or change any *inverter* capacity, other than as set out in *your connection application*;
  - (ii) *export* any electricity generated by any *generating unit(s)* other than as set out in this contract (and then only in accordance with the *technical and safety obligations*); or
  - (iii) allow any changes to the *generating system* or how it operates to be made without *our* prior written consent (which consent may be on conditions, and may require compliance with updated *technical and safety obligations*).
- (b) If the *connection service* does not permit *export*, *you* must ensure that the *subject generator* does not *export* more than the minimal amount of electricity into *our distribution system* that is allowable under the *technical and safety obligations*.
- (c) If the *connection service* is for *export*, *you* acknowledge that *our distribution system*:
  - (i) will not always be able to receive electricity generated by any *generating system* on *your* side of the *connection point*; and
  - (ii) may sometimes cause *your inverter* to trip off, and that *we* have no obligation to keep *you* informed about these situations.
- (d) *You* must keep copies of all of the test results relevant to the *compliance report* for the term of this contract.
- (e) If the *generating system* is owned or operated by a third party, *you* must enter into appropriate back-to-back arrangements with that third party to ensure that:
  - (i) *we* can exercise *our* rights under this contract in respect of the *generating system*; and
  - (ii) the third party complies with any obligations under this contract in respect of the *generating system*.

### **11.2. Technical requirements**

*You* must:

- (a) arrange for the *Retail Customer's activities* (and any other activities necessary to allow *us* to provide the *connection service*) to be carried out at *your* own risk and expense;
- (b) other than as approved under this contract, not allow the attachment of anything to, or any interference with, *our* equipment;
- (c) without limiting clause 11.2(a), obtain any relevant *approvals* and access rights for *you* to carry out the *Retail Customer's activities* and for *us* to carry out the *Ergon Energy activities*, at *your* own risk and expense;
- (d) give *us* copies of all such *approvals* when *we* ask;
- (e) where any of the *Retail Customer's activities* could impact on *our distribution system*:
  - (i) not start any such activities until this contract is in force; and
  - (ii) only carry out such activities in accordance with this contract;

- (f) ensure that anything (including, without limitation, the *subject generator*) connected to our *distribution system* at the *connection point*, and any metering equipment at *your premises*, is designed, constructed, operated and maintained to comply with all relevant *technical and safety obligations*, *good electricity industry practice*, all relevant laws (including any *energy laws* and *safety laws*) and relevant *approvals*, including, without limitation:
  - (i) any obligation to be automatically *disconnected* from our *distribution system* by your protection and control facilities); and
  - (ii) to ensure that the *generating system* operates satisfactorily for the full range of variation of system parameters and characteristics and at the distortions and disturbances which our *distribution system* is permitted to operate at under the *NER*;
- (g) ensure that any electrical works done by, or on behalf of, *you* are done by a qualified electrical contractor and comply with all relevant *technical and safety obligations*, and that any work to be performed by, or on behalf of, *you* on or near exposed electrical parts is undertaken by “authorised persons” and otherwise in accordance with the *Electrical Safety Regulation 2013* (Qld);
- (h) ensure that all *generating unit(s)* connected to our *distribution system* are inspected and maintained by an appropriately qualified person in accordance with either the manufacturer’s recommendations, or, if there are no such recommendations, *good electricity industry practice*;
- (i) upon reasonable request, allow *us* to carry out an inspection of the *subject generator* to confirm that it complies with this contract; and
- (j) comply with any request by *us* for any *generating units* on *your* side of the *connection point* to be *de-energised* at the AC isolator switch/es or physically *disconnected* from our *distribution system* for operational reasons or for planned maintenance.

### 11.3. Access requirements

- (a) *You*:
  - (i) consent to *us* and our *representatives*, (together with any plant, equipment or vehicles) having non-exclusive access to land and improvements controlled by *you* (including, without limitation, to the main switchboard) in connection with the *connection service* (including to confirm compliance with the *technical and safety obligations* or to install any plant or equipment on the *premises*), this contract, the *energy laws* and the *safety laws*; and
- (b) *must*:
  - (i) ensure that *we* and our *representatives* can access the above land and improvements in a manner that is safe, unhindered and unobstructed (including protecting against animal threats and attacks); and
  - (ii) accommodate on *your premises*, and protect from harm, all plant and equipment installed on the *premises* that is necessary for the *connection* or is installed under this contract.
- (c) For the avoidance of doubt, the access rights under this clause survive the initial works.

### 11.4. Acknowledgements

*You* acknowledge and agree that:

- (a) our consent has been given on fair and reasonable terms; and
- (b) *you* are responsible for all costs in connection with any *generating units* connected to our *distribution system* at the *connection point* and *your* obligations under this contract, unless otherwise expressly set out in this contract.

### 11.5. Information *you* must give *us*

- (a) *You* must give *us* all information:
  - (i) about any risks, hazards or other actual or potential concerns that could impact in any way on the nature, cost or timing of any part of the *Ergon Energy activities*, as soon as possible (and in any case before *we* start the *Ergon Energy activities*); or

- (ii) that we reasonably ask *you* for in connection with this contract.
- (b) You must notify *us* immediately if:
  - (i) any information that *you* previously gave *us* stops being accurate; or
  - (ii) *you* become aware of any matter or thing that might affect the nature, cost or timing of any part of the *connection service*, or anything *we* must do under this contract.
- (c) The above information and notification requirements apply not just to the physical *connection* but also to ancillary matters such as relevant control, washdown and quarantine procedures.
- (d) You must ensure that all information *you* give *us* is correct, and that *you* do not mislead or deceive *us* in any way.
- (e) You consent to *us* disclosing information where:
  - (i) such disclosure is contemplated or permitted by the *energy laws*; or
  - (ii) *we* reasonably consider that such disclosure is necessary for compliance with the *energy laws*.
- (f) You should quote *our* "Connection" reference number set out on the cover page in all communications with *us*.

## **12. TESTING AND INSPECTIONS**

- (a) While *we* (and other third parties) may periodically carry out inspections for the purpose of auditing and assessing the extent to which electrical contractors are complying with the *energy laws*, *we* do not represent or warrant that:
  - (i) *we* (or any third party) will carry out an inspection at *your premises*;
  - (ii) any such inspection will identify any or all faults or defects, or that any electrical installation is free from faults or defects if none is identified in the course of any such inspection,and *you* remain responsible and *liable* for all work undertaken by *your* electrical contractor.
- (b) *We* may reasonably require *you* to undertake a program of tests to ensure that the *subject generator* complies with the *technical and safety obligations*, and provide *us* with the results of the tests.
- (c) If any such tests demonstrate:
  - (i) that anything on *your* side of the *connection point* has caused or contributed to a failure to comply with any *technical and safety obligations*, *you* must take remedial action to rectify the failure; and
  - (ii) otherwise, then *we* must reimburse *you* for the reasonable expenses incurred by *you* as a direct result of conducting the tests.
- (d) To the extent feasible, the provisions of:
  - (i) rule 5.7 of the *NER* applies in relation to the inspection and testing of; and
  - (ii) rule 5.8 of the *NER* applies in relation to the commissioning of,the *micro embedded generating units* (and *we* shall be entitled to witness such inspections and testing) and the provisions of rule 5.9 of the *NER* applies in relation to the *disconnection and reconnection* of the *connection point* (and, for the purposes of these rules, *you* are taken to be a *Customer* or a *Generator* (as relevant)).
- (e) Whether or not *we* have carried out an inspection at *your premises*, *we* may, at any time, notify *you* of any work in relation to the electrical installation or the connection assets that must be completed by *you* (including through *your* electrical contractor) in order to comply with this contract. Failure to rectify such a defect may result in *disconnection* of any *generating system* and/or the *premises* from *our distribution system* in accordance with the *energy laws*.

### **13. DEFAULT AND RIGHTS OF TERMINATION**

- (a) If you commit a *default*, we suspend our consent under clause 8(g) in respect of the *micro embedded generating unit(s)*, and may:
  - (i) give you a written notice specifying the *default*;
  - (ii) either require you to *de-energise* and/or *disconnect* the *micro embedded generating units*, or do this remotely ourselves where we are able to; and
  - (iii) exercise any other remedies that are available to us.
- (b) After receiving a *default* notice, you:
  - (i) must promptly comply with that notice; and
  - (ii) may, within five months of the date of the *default* notice, give us evidence that the *default* has been rectified and request *reconnection* of the *micro embedded generating units*.
- (c) If we receive a request under clause 13(b)(ii) and are, acting reasonably, satisfied that the *default* has been rectified, we will advise you that you can *reconnect* the *micro embedded generating units*.
- (d) If the *micro embedded generating units* are *de-energised* and/or *disconnected* under this clause 13 for a period of six months from the date of the *default* notice, this contract will automatically terminate upon the expiry of that period.

### **14. LIABILITY**

#### **14.1. General**

- (a) This clause 14 survives the expiry or earlier termination of this contract.
- (b) Despite any provision of this contract (but subject to clauses 14.2 to 14.5), we will not be *liable* to you:
  - (i) in connection with any delays to the progress or completion of the *Ergon Energy activities* for any reason, to the full extent permitted by law;
  - (ii) in relation to the installation and operation of any *generating units* on your side of the *connection point*;
  - (iii) in connection with *our distribution system* being unable to accept *exported* electricity from any *generating units* located on your side of the *connection point* for any reason;
  - (iv) if the operation of *our distribution system* results in any *generating units* on your side of the *connection point* tripping off (unless otherwise required by law); or
  - (v) in connection with us exercising any rights under this contract or under the *energy laws* to interrupt or curtail any *generating units* located on your side of the *connection point*, except to the extent that this is the result of *our* failure to observe *good electricity industry practice*, or *our* negligence, bad faith, wilful misconduct, fraud, breach of laws or failure to comply with any relevant *approval* or this contract, and you release us from any *claims* by you in respect of such.
- (c) Our obligations in respect of the operation of *our distribution system* are set out in the *energy laws* and we are not responsible for any adverse effects on anything connected to *our distribution system* at the *connection point* that may be caused by:
  - (i) *our distribution system* operating in compliance with *energy laws*; or
  - (ii) the operation of electrical equipment on your side of the *connection point*.
- (d) You acknowledge and agree that, as referred to in clause 5(c)(i), this contract does not apply to the ongoing *connection* of your premises to *our distribution system* or the supply of electricity to those premises, and:
  - (i) any *liability* that we may have to you in relation to any losses you may suffer because of:



- (A) problems with the ongoing *connection of your premises to our distribution system* or the quality of supply of electricity to *your premises* (such as power surges and drops); or
- (B) interruptions to, or failures of, the supply of electricity to *your premises*; or
- (ii) any other matter that is governed by that *ongoing connection contract*,  
is governed solely by the *ongoing connection contract*, and we are not *liable to you* under this contract for any of those matters, and *you release us* from any *claims by you* under this contract in respect of such.

#### 14.2. Competition and Consumer Act and other guarantees

- (a) The *Competition and Consumer Act 2010* (Cth) and other consumer protection laws provide certain statutory guarantees, conditions, warranties or rights that cannot be excluded or limited. Unless one of those laws requires it, we give no guarantee, condition, warranty or undertaking, and we make no representation to *you*, regarding any matter, including as to:
  - (i) the condition or suitability of electricity or the *connection service*;
  - (ii) the quality, fitness or safety of electricity or the *connection service*; or
  - (iii) how any *generating units connected to our distribution system* at the *connection point* will operate,other than as set out in this contract.
- (b) Any *liability we* have to *you* under these laws that cannot be excluded but that can be lawfully limited is (at *our* election) limited to:
  - (i) providing equivalent goods or services provided under this contract to *your premises*; or
  - (ii) paying *you* the cost of replacing the goods or services provided under this contract to *your premises* or acquiring equivalent goods or services.
- (c) Nothing in this contract limits the operation of sections 97 and 97A of the *Electricity Act 1994* (Qld), sections 119 and 120 of the *NEL*, section 316 of the *NERL*, or any other limitations of liability or immunities granted under the *energy laws*.

#### 14.3. Indemnity

*You* must indemnify *us* in respect of all *liability* incurred by *us* in connection with:

- (a) *your* failure to comply with this contract, any *approvals* and any laws; and
- (b) the installation or manner of operation of any *generating units connected to our distribution system* at the *connection point*,

except to the extent it arises from *our* negligence or wilful misconduct.

#### 14.4. No liability for indirect or consequential loss

Notwithstanding any other provision of this contract (except for clause 14.1(d)(i)), neither party is *liable* to the other under, or in connection with, this contract or under contract, tort (including negligence), breach of statute or other cause of action at law or in equity for any of the following:

- (a) loss of profits, loss of contract, loss of opportunity, loss of goodwill, loss of business, loss of reputation, loss of revenue, loss of use of property, loss of production or anticipated savings, or any loss or corruption of data or loss of privacy of communications;
- (b) increased costs of working or labour costs;
- (c) costs of capital or costs of business interruption;
- (d) any indirect, incidental, special or consequential damage, cost, expense or loss; and
- (e) damage, cost, expense, loss or damage that otherwise is not a direct and immediate consequence of the breach,

suffered by the other party, however arising, due to any causes including the default or sole or concurrent negligence of a party and whether or not foreseeable.



#### 14.5. Contributory negligence

If a party makes a *claim* against the other party under this contract and the first party has contributed to the loss that it has suffered, that party's entitlement to damages is proportionately reduced.

### 15. COMPLAINTS AND DISPUTE RESOLUTION

- (a) If *you* have a query or complaint relating to this contract, *you* may lodge a complaint with *us* in accordance with *our* standard complaints and dispute resolution procedures, which are available on *our* website ([www.ergon.com.au](http://www.ergon.com.au)).
- (b) We must handle a complaint made by *you* in accordance with the relevant *Australian Standards* and *our* standard procedures (which *we* will give *you* if *you* ask).
- (c) If *you* are not satisfied with the response to any query, complaint or dispute raised with *us*, and it is within the purview of the Energy and Water Ombudsman Queensland, *you* may refer the complaint or dispute to this Ombudsman at:

Email: [complaints@ewoq.com.au](mailto:complaints@ewoq.com.au) or [info@ewoq.com.au](mailto:info@ewoq.com.au)

Phone: 1800 662 837

In person: Level 16, 53 Albert Street (8.30 am-5:00 pm)

In writing: P.O. Box 3640 South Brisbane BC QLD 4101

- (d) This clause does not limit *your* rights under relevant *energy laws* to refer a dispute regarding the terms and conditions of this contract or the *connection charges* payable to *us* to the AER.
- (e) We must inform *you* of the outcome of any complaint made by *you* to *us*.
- (f) *You* can contact *us* using the relevant contact details set out on *our* website ([www.ergon.com.au](http://www.ergon.com.au)).

### 16. OWNERSHIP

Unless this contract states otherwise, any materials, plant, equipment or other items provided or installed by *us* as part of the *connection service* remain *our* property.

### 17. GST

- (a) The amount payable for the *connection service* and any other amounts payable under this contract, may be stated to be exclusive or inclusive of GST. Clause 17(b) applies unless an amount payable under this contract is stated to include GST.
- (b) Where any amounts paid by *you* or by *us* under this contract are payments for "taxable supplies" as defined for GST purposes, then, to the extent permitted by law, these payments will be increased so that the GST payable on the taxable supply is passed on to the recipient of that taxable supply.

### 18. GENERAL

- (a) **(governing law)** This contract is governed by Queensland law and the parties submit to the exclusive jurisdiction of the courts exercising jurisdiction in Queensland and any relevant appellate courts.
- (b) **(amendment)** This contract can only be amended, supplemented, replaced or novated by another document signed by the parties. If either party reasonably considers that the *technical and safety obligations* are obsolete or inappropriate, that party may notify the other party and the parties must, within six months of notification, use their best endeavours to modify this contract appropriately within a further three months of the start of negotiations.
- (c) **(assignment)** *You* must not assign or novate all or part of this contract, or transfer the ownership of the *subject generator* to any other person, without *our* prior written consent, which will not be unreasonably withheld, but which will be conditional on the relevant entity assuming *your* obligations under this contract. *We* may subcontract or assign *our* rights or obligations under this contract as *we* determine.

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- (d) **(advice to prospective owners)** You must advise any prospective subsequent owner of the *subject generator* about this contract and the requirement under clause 18(c) for that entity to assume the obligations of this contract.
- (e) **(cooperation)** Each party must do anything (including execute any document), and must ensure that its employees and agents do anything (including execute any document), that the other party may reasonably require to give full effect to this contract.
- (f) **(privacy)** We will comply with all relevant privacy laws and *our* privacy policy (which is available on *our* website ([www.ergon.com.au](http://www.ergon.com.au))) in relation to *your* personal information, and *you* may contact *us* about this using the relevant contact details set out on *our* website ([www.ergon.com.au](http://www.ergon.com.au)).
- (g) **(confidentiality)** You must keep this contract, and the terms of all dealings with *us* in connection with this contract, confidential, and must also comply with any relevant confidentiality provisions in the *energy laws*.
- (h) **(accrued rights)** Rights and obligations that accrued before the expiry, or earlier termination, of this contract, continue despite that expiry or termination.
- (i) **(entire agreement)** This contract contains the entire agreement between the parties about its subject matter and replaces any previous discussions about that subject matter.
- (j) **(waiver)** Rights may only be waived in writing and signed by the party giving the waiver, and no other conduct of a party waives, or prevents the exercise of, the right. Also, a waiver on one or more occasions does not waive that right if it arises again, and the exercise of a right does not prevent any further exercise of that right or of any other right.
- (k) **(non-exclusive rights)** Any right that a person may have under this contract is in addition to, and does not replace or limit, any other right that the person may have. Nothing in this contract limits *our* rights under any laws, including, without limitation, to take action (including automatic action through protection systems), such as in an emergency, for a *distributor planned interruption*, to protect *our distribution system*, or where a customer causes unreasonable interference with *our distribution system* or the supply of electricity to *our* other customers (which may occur, for example, where there are certain breaches of this contract).
- (l) **(inconsistencies with the law)** For any inconsistencies between this contract and other material, subject to clause 18(k), obligations under the laws prevail over inconsistent obligations in this contract (provided that where the *energy laws* and this contract prescribe different standards (or ranges of standards) *you* must ensure compliance with the most stringent of these), and obligations under this contract prevail over any other document or agreement between the parties.
- (m) **(survival)** Termination or expiry of all or part of this contract does not affect clause 6(e), any rights that arose before the termination or expiry, or that otherwise relate to any breach or non-observance of this contract occurring before termination or expiry, or that relate to this clause and any provisions concerning GST, compliance with laws, *liability*, indemnity, dispute resolution and confidentiality.
- (n) **(severance)** Any provision of this contract that is unenforceable or partly unenforceable is to be severed to the extent necessary and possible to make this contract enforceable, unless this would materially change the intended effect of this contract.
- (o) **(electronic signing)** Each party consents to the electronic signing of this contract by the other.
- (p) **(authorised representative)** Each person executing this contract as an authorised representative declares that he or she is not aware of any fact or circumstance that might affect his or her authority to do so.
- (q) **(counterparts)** This contract may be executed in counterparts (where a counterpart may comprise a copy of this contract that has been printed from a facsimile or email transmission), and all executed counterparts constitute one document. A party may rely on a copy of this contract that has been executed by another party to the same extent as if it was an original of this contract executed by that other party.

## 19. GLOSSARY

Except in relation to the names of pieces of legislation, italicised terms in this contract have the meaning given in the *ongoing connection contract*, this contract or the *energy laws* (in particular the *NER*).

*accredited installer* means a person who holds Clean Energy Council accreditation for competence in designing and/or installing *embedded generating units*;

*ACS price list* means *Ergon Energy's* Price List for Alternative Control Services and associated *network tariff tables*, which are available on our website ([www.ergon.com.au](http://www.ergon.com.au));

*AER* means the Australian Energy Regulator established under section 44AE of the *Competition and Consumer Act 2010* (Cth);

*approval* means:

- (a) any agreement, approval, authorisation, authority, certificate, consent, declaration, exemption, filing, licence, lodgement, notarisation, permit, registration or waiver (including any renewal or variation of any of these) issued, granted or approved by a government agency or third party (including pursuant to any native title or cultural heritage legislation); and
- (b) in relation to anything which will be fully or partially prohibited or restricted by law if a government agency intervenes or acts in any way within a specified period after lodgement, filing, registration or notification, the expiry of that period without intervention or action;

*authority* means any person or body who has the power under law to direct *us*, including, without limitation, the *AEMO*, the *AER*, and State or Federal Police;

*available capacity* means that the *available line* has sufficient capacity (in terms of *voltage* and current) to deliver energy flows within statutory *voltage* levels for the relevant *connection application* which satisfy the *energy laws*, and which otherwise satisfy the requirements of the *QECM*;

*available line* means a suitable *Ergon Energy low voltage* electricity distribution line (and relevant *network assets*) that is located in the road reserve either directly adjacent to the *premises* or directly across the road from the *premises*. To be an *available line*:

- (a) it must be part of the *national grid* or the *Mount Isa-Cloncurry supply network*;
- (b) the line and relevant *network assets* must have at least the phase capability required in the relevant *connection application*; and
- (c) the *available capacity* of the line and any relevant *network assets* (including supply transformers) must be greater than the capacity required in the relevant *connection application*;

*basic connection service* means a *basic micro EG connection service* that comprises a *connection alteration* to permit the *connection* of the *subject generator* to our *low voltage distribution system* at the *connection point*, where this does not require any *network augmentation* of the *distribution system*;

*basic micro EG connection service* has the meaning given to that term in the *NER*;

*business day* has the meaning set out in Chapter 5A of the *NER* and means a day other than a Saturday, Sunday or a relevant public holiday;

*claim* includes any claim, action, demand, proceeding or judgment however arising, whether at law or in equity, including any such claim;

*compliance report* means a report (in a form acceptable to *us*) under which an *RPEQ* certifies that the design and operation of the *micro embedded generating unit(s)* set out in your *connection application* is compliant with this contract and the *technical and safety obligations*;

*connect* means to form a physical link between two *networks* to permit the flow of electricity through that link;

*connection charges* means any relevant connection charges identified in the *ACS price list*;

*connection establishment contract* means a contract between the parties under Chapter 5A of the *NER* that provides for the provision of a *new connection* or *connection alteration*;

*connection offer* means an offer by *us* to enter into this contract with *you*;

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*connection point* means the point where *your* electrical installation is *connected* to *our* distribution system;

*Connection Policy* means the Ergon Energy Connection Policy, a copy of which is available on *our* website ([www.ergon.com.au](http://www.ergon.com.au));

*connection service* means the relevant *basic connection service* under this *model standing offer*;

*default* means:

- (a) a failure to comply with the terms of this contract (including the *technical and safety obligations*); or
- (b) any other situation (including, without limitation, any pattern of usage),

that may or will result in any *generating systems* on *your* side of the *connection point* representing a hazard, risk or adverse impact on the safety of any person or the safe and stable operation of *our* distribution system;

*DER Technical Standards* has the meaning given to that term in the *NER*;

*disconnect* means the operation of switching equipment or other action so as to prevent the flow of electricity at a *connection point*;

*distribution system* means *our* electricity distribution network, including any *connection assets* (where relevant), especially that part of the distribution network to which the *network(s)* within *your* premises are *connected*;

*EG standard* means the applicable standard set out in Item 1.5 of the Schedule;

*electrical work request* means the form of that name available on *our* website ([www.ergon.com.au](http://www.ergon.com.au)), that is completed by *your* electrical contractor and certifies that the relevant electrical works have been carried out in accordance with the *technical and safety obligations*;

*Electricity Distribution Network Code* means the code of that name under the *Electricity Act 1994* (Qld), which is available on the Queensland Competition Authority's website ([www.qca.org.au](http://www.qca.org.au));

*electricity retailer* means the entity that holds a *retailer authorisation* and with whom *you* have (or will have) a retail contract for the purchase of electricity;

*embedded generating units* means *generating units* that are *connected* within a *distribution system* and do not have direct access to a *transmission network*;

*energy laws* means the laws relevant to energy, including (as relevant), the *Electricity Act 1994* (Qld), *Electricity Regulation 2006* (Qld), *Electricity Distribution Network Code*, *Electrical Safety Act 2002* (Qld), *Electrical Safety Regulation 2013* (Qld), *NEL*, *NER*, *NERL*, *NERR* and any supplementary rules, regulations, instruments and plans and applicable *Australian Standards* (including, without limitation, the *AS/NZS 3000 Wiring Rules* and *AS/NZS 4777*) (or, where there is no applicable *Australian Standard*, the relevant British or International Standard), applicable codes of practice and the *QECM*;

*Ergon Energy* means the entity set out in Item 1.1 of the Schedule;

*Ergon Energy activities* means the provision of consent to the *interconnection* of the *subject generator* with *our* distribution system;

*expedited connection* refers to a process under the *NER* which allows a *connection applicant* for a *basic connection service* (as that term is defined in the *NER*) or a *standard connection service* to enter into a *connection establishment contract* at the time of lodging the *connection application*, rather than waiting for a *connection offer* to be made and accepted. This must be selected when making the *connection application*;

*export* means the supply of electricity from the *premises* across the *connection point* into *our* distribution system;

*generating system* means a system comprising one or more *generating units* and, in respect of any obligations on *you*, means any *generating systems* that are present on *your* side of the *connection point* that are *interconnected* with *our* distribution system;

*generating unit* has the meaning given in the *NER* (and, for the avoidance of doubt, includes relevant equipment such as an *inverter*, and also includes batteries and other energy storage systems);



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*good electricity industry practice* means the exercise of that degree of skill, diligence, prudence and foresight that could reasonably be expected from a significant proportion of operators of facilities similar to the relevant facility, taking into account the size, duty, age, location and technological status of that facility and any other relevant factors;

*interconnected* means where a *generating system* is (directly or indirectly) electrically connected to *our distribution system* such that the component *generating units* are operating in parallel with *our distribution system* (regardless of whether the *generating system* does, or does not, export into *our distribution system*);

*inverter* means a device that uses semiconductor devices to transfer power between a DC source or load and an AC source or load;

*liability* means any action, charge, *claim*, cost, damage, expense, fine, impost, loss, obligation, penalty, tax or other liability;

*low voltage* means a *voltage* of no more than 1 kV;

*micro embedded generating unit* means an *embedded generating unit* that is of a kind contemplated by AS/NZS 4777 (Grid connection of energy systems via inverters);

*Mount Isa-Cloncurry supply network* means that part of the supply network (as the term “supply network” is defined in the *Electricity Act 1994* (Qld)) that is:

- (a) located in the Mount Isa-Cloncurry region and not *connected* to the *national grid*;
- (b) owned and operated by *us*; and
- (c) subject to economic regulation;

*national grid* has the meaning given to that term in the *NER*;

*NEL* means the National Electricity (Queensland) Law, as defined in the *Electricity - National Scheme (Queensland) Act 1997* (Qld);

*NER* means the National Electricity Rules under the *NEL*;

*NERL* means the National Energy Retail Law (Queensland), as defined in the *NERL (Qld) Act*;

*NERL (Qld) Act* means the *National Energy Retail Law (Queensland) Act 2014* (Qld);

*NERR* means the National Energy Retail Rules under the *NERL*;

*network tariff tables* means specifically the “ACS Price List” tab of *our* network tariff tables (which are available on *our* website ([www.ergon.com.au](http://www.ergon.com.au)));

*NMI* means either *anational metering identifier* or, where *our distribution system* is not part of the *national grid*, another metering identifier;

*ongoing connection contract* means the *connection contract* between the parties (whether deemed under the *NERL* or individually negotiated) that provides for the ongoing *connection* of the *premises* to *our distribution system* and the provision of *supply services*;

*premises* means any land (whether a single block or multiple contiguous blocks), building(s) (whether whole or part), structure(s) (or adjuncts thereto) and *embedded networks* that are owned, occupied, controlled or operated by the *Retail Customer* in the vicinity of the proposed *connection*, and includes the premises set out in Item 1.3 of the Schedule, and which can reasonably be considered to be part of a single overarching operation;

*QECM* means:

- (a) the Queensland Electricity Connection Manual: Service and Installation Rules, a copy of which is available on *our* website ([www.ergon.com.au](http://www.ergon.com.au)); and
- (b) the Queensland Electricity Metering Manual, a copy of which is available on *our* website ([www.ergon.com.au](http://www.ergon.com.au)), or its replacement document;

*relevant authority* means any person or body who has the power under law to direct *us*, including the *Australian Energy Market Operator* and State or Federal Police;

*representative* means the agents, contractors, sub-contractors, designers, employees, officers and other representatives of a party;

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*Retail Customer* means the person or entity set out in Item 1.2 of the Schedule;

*Retail Customer's activities* means:

- (a) the obligations imposed on *you* in clause 8;
- (b) ensuring that anything *connected to our distribution system* at the *connection point* complies with the QECM; and
- (c) all items necessary and incidental to the completion of such activities, including obtaining any *approvals* or access rights for such work;

*RPEQ* means an engineer registered with the Board of Professional Engineers under the *Professional Engineers Act 2002* (Qld) in the area of electrical engineering;

*safety laws* means the laws relevant to safety, including (as relevant), the *Electrical Safety Act 2002* (Qld), *Electrical Safety Regulation 2013* (Qld), *Work Health and Safety Act 2011* (Qld), *Work Health and Safety Regulation 2011* (Qld), *Work Health and Safety (Codes of Practice) Notice 2011* (Qld) and any rules, regulations, instruments and plans;

*service order* means a valid service order from *your electricity retailer* that requests *us* to carry out the *connection service*;

*site-specific enquiry response* includes *our* evaluation of the effects of *your connection* on *our distribution system* under different operating conditions, which also sets out some parameters for operation of the *micro embedded generating units*;

*subject generator* means the new or modified *generating system* described in *your connection application*, provided that:

- (a) the component *generating units* are of a kind contemplated by AS/NZS 4777 (Grid connection of energy systems via inverters); and
- (b) the aggregate capacity of all *generating units connected to our distribution system* at the *connection point* will exceed 30 kVA but will not exceed 200 kVA;

*SWER line* means a single wire earth return (that is, a single-wire electricity distribution line which supplies single-phase electrical power such that the earth is used as the return path for the current); and

*technical and safety obligations* means the obligations set out in:

- (a) the *site-specific enquiry response*;
- (b) the Appendix to this contract;
- (c) the QECM;
- (d) the *energy laws* and the *safety laws*;
- (e) the *DER Technical Standards*; and
- (f) the *EG standards*.

## 20. INTERPRETATION

Unless the context otherwise requires, the following interpretation rules apply to this contract:

- (a) headings are for convenience and do not affect interpretation;
- (b) a reference to:
  - (i) any law is to that legislation (including subordinate legislation) as amended or replaced;
  - (ii) the *EG standard* refers to that version of the *EG standard* current as at the date of this contract;
  - (iii) a clause, schedule or appendix is a reference to that part of this contract;
  - (iv) subject to clause 20(b)(ii), a document or agreement is to that document or agreement as amended, supplemented, replaced or novated, and includes references to any clause, schedule or appendix within that document or agreement;
  - (v) a party includes a permitted substitute or assignee of that party;



- (vi) a person includes any type of entity or body of persons including any executor, administrator or successor in law of the person;
- (vii) anything (including a right, obligation or concept) includes each part of it; and
- (viii) a day is to a calendar day and a month is to a calendar month;
- (c) a singular word includes the plural, and vice versa;
- (d) grammatical forms of a defined word or phrase have a corresponding meaning;
- (e) examples are not exclusive;
- (f) a reference to 'A\$', '\$A', 'dollar' or '\$' is a reference to Australian currency; and
- (g) if a day on or by which a party must do something under this contract is not a *business day*, the person must do it on or by the next *business day*.

## **21. MULTIPLE PARTIES**

If a party to this contract comprises more than one person, or a term refers to more than one person, obligations are joint and several, rights are held severally and all other references are to each person separately.

## **22. APPENDIX – TECHNICAL AND SAFETY OBLIGATIONS**

### **22.1. Additional requirements**

We may, in our absolute discretion, specify additional requirements for the *micro embedded generating units*.

### **22.2. Minimising impact on audio frequency signals, harmonics, voltage notching, voltage fluctuations, etc.**

You must ensure that the operation of any electrical equipment that is (directly or indirectly) *connected to our distribution system* at the *connection point* (including the *generating units* and any shunt capacitors) does not:

- (a) adversely affect the audio *frequency* signals we use for load control or operations;
- (b) contribute harmonic distortion at the *connection point* greater than the emission limits set out in the *site-specific enquiry response*; or
- (c) contribute *voltage* fluctuations at the *connection point* greater than the flicker limits set out in the *site-specific enquiry response*.

### **22.3. Fault currents**

You must ensure that any of the circuit breakers/switchgear on *your* side of the *connection point* that isolate *your premises* from *our distribution system* have ratings sufficient to be able to break, without damage or restrike, the fault currents that may be experienced on the relevant portion of *our distribution system* from time to time over the term of this contract.

The highest expected *distribution system* contribution to fault currents (that is, assuming that there are no *generating units* downstream of the *connection point*) that are experienced as at the date of this contract are (as at the date of this contract) set out in the *site-specific enquiry response*.

However, *you* should be aware that these will change over time, including as a result of any reconfigurations to *our distribution system*, penetration levels of *embedded generators* and loading conditions at the time.

You must ensure that anything that is (directly or indirectly) *connected to our distribution system* at the *connection point* does not raise fault levels beyond the capacity of *our distribution system*.