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# CHAPTER 14

## TASMANIAN ELECTRICITY CODE GLOSSARY

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## CHAPTER 14 TASMANIAN ELECTRICITY CODE GLOSSARY

<b>ACCC</b>	Australian Competition and Consumer Commission as established by section 6A of the Competition and Consumer Act 2010 (Cth).
<b><u>acceptable identification</u></b>	<u>Has the same meaning as in the <i>National Energy Retail Rules</i>.</u>
<b>active energy</b>	A measure of electrical energy flow, being the <i>time</i> integral of the product of <i>voltage</i> and the in-phase component of current flow across a <i>connection point</i> , expressed in Watthours (Wh) and multiples thereof.
<b>active energy meter</b>	An integrating instrument which measures <i>active energy</i> in Watthours or in suitable multiples thereof.
<b>active power</b>	The rate at which <i>active energy</i> is transferred.
<b>AEMO</b>	Means the Australian Energy Market Operator Limited ACN 072 010 327.
<b>AER</b>	Means the Australian Energy Regulator established by section 44AE of the Competition and Consumer Act 2010 (Cth).
<b>aerial bundled cable</b>	An insulated cable manufactured to <i>Australian Standard AS 3560</i> or <i>AS 3599 Part 1</i> or <i>AS 3599 Part 2</i> used in substitution for multiple bare conductors.
<b>ancillary services</b>	Ancillary services are services that are essential to the management of <i>power system security</i> or <i>BSI power system security</i> and ensure that electricity supplies are of acceptable quality.
<b>apparent energy</b>	The <i>time</i> integral of the scalar product of the root mean square voltage and the root mean square current.
<b>apparent power</b>	The square root of the sum of the squares of the <i>active power</i> and the <i>reactive power</i> . OR, for the purposes of Chapter 4A: The rate at which <i>active energy</i> is transferred.
<b>approved connection point</b>	A <i>connection point</i> that has been approved by the <i>Regulator</i> .
<b>augment, augmentation</b>	Works to enlarge a <i>network</i> or to increase the capability of a <i>network</i> to transmit or distribute <i>active energy</i> .
<b>Aurora</b>	Aurora Energy Pty Ltd ACN 082 464 622.
<b>Australian Standard, AS</b>	The most recent edition of a standard (identified by its

<b>NNNN, or AS/NZS NNNN</b>	respective number: NNNN) published by Standards Australia (Standards Association of Australia) or jointly by Standards Australia (Standards Association of Australia) and Standards New Zealand.
<b>basic current</b>	Has the meaning ascribed to it in <i>Australian Standard 1284 Part 1 - General Purpose Induction Watthour Meters</i> .
<b>Bass Strait Islands (BSI)</b>	Means King Island and Flinders Island.
<b>Bass Strait Island power system (BSI power system)</b>	The electricity power system of the <i>BSI network</i> including associated <i>generation</i> and <i>distribution networks</i> for the <i>supply</i> of electricity on the <i>BSI</i> , operated as an integrated arrangement.
<b>Basslink</b>	Means the <i>interconnection</i> between the electricity grids of the states of Tasmania and Victoria by means of – <ul style="list-style-type: none"> <li>(a) a high voltage, direct current, submarine cable across Bass Strait; and</li> <li>(b) converter stations in those states; and</li> <li>(c) direct current connecting lines to those converter stations; and</li> <li>(d) alternating current <i>transmission connections</i> to the <i>transmission systems</i> of those states; and</li> <li>(e) related infrastructure.</li> </ul>
<b>black start capability</b>	In relation to a <i>generating unit</i> , the ability to start and <i>synchronise</i> without using supply from the <i>BSI power system</i> .
<b>black system</b>	The absence of <i>voltage</i> on all or a significant part of the <i>distribution system</i> following a major <i>supply</i> disruption, affecting one or more <i>power stations</i> and a significant number of <i>Customers</i> .
<b>BSI load shedding principles</b>	The principles for <i>load shedding</i> as approved in accordance with clause 4A.2.4.8.5(c) of the Chapter 4A.
<b>BSI Network User</b>	A <i>Generator</i> or a <i>Distribution Customer</i> on the <i>BSI</i> .
<b>BSI power system operating procedure</b>	The operating procedures as set out in clause 4A.2.5.
<b>BSI power system participant</b>	An entity that has a <i>licence</i> issued by the <i>Regulator</i> to perform electricity operations on the <i>BSI</i> or a <i>Customer</i> with a <i>connection agreement</i> which has been subject to review and approval by the <i>BSI System Controller</i> .
<b>BSI power system reserve</b>	Has the meaning as set out in clause 4A.2.2.2.
<b>BSI power system security and reliability standards</b>	The standards governing <i>power system security on BSI</i> and <i>reliability</i> of the <i>BSI power system</i> as prescribed in clause 4A.2.4.7.1(j).
<b>BSI System Controller</b>	The <i>electricity entity</i> with a <i>licence</i> issued by the <i>Regulator</i> pursuant to ss19A(2)(b) or ss19A(6)(b) of the <i>ESI Act</i> to

	conduct operations of <i>distribution</i> of electricity on the <i>BSI</i> .
<b><u>Business Customer</u></b>	<u>Means a <i>Tariff Customer</i> on the <i>BSI</i> who would be a business customer under the <i>National Energy Retail Law</i> if that law were applied to <i>Customers</i> on the <i>BSI</i> and if the relevant <i>Electricity Retailer</i> was considered a retailer under that law.</u>
<b>business day</b>	A <i>day</i> other than a Saturday, Sunday or a <i>day</i> which is lawfully observed as a public holiday in any part of Tasmania.
<b>change/changed</b>	Includes amendment, alteration, addition or deletion.
<b>check metering</b>	For the purposes of Chapter 9 means <i>metering</i> installed for the purpose of checking <i>metering equipment</i> .
<b>clearance space</b>	A space surrounding a <i>distribution powerline</i> which should be clear of vegetation at all times.
<b>Code</b>	Means this Tasmanian Electricity Code, as amended or substituted from <i>time to time</i> , issued under the <i>ESI Act</i> .
<b>Code bodies</b>	Any person or body that is appointed or constituted by, or in accordance with, the <i>Code</i> to perform functions under the <i>Code</i> .
<b>Code consultation procedures</b>	The procedures for consultation with <i>Licensees</i> or certain groups of <i>Licensees</i> as provided for in clause 12.7 and as reflected in the <i>Consultation Guidelines</i> .
<b>commencement date</b>	1 July 1998 or the date on which the Electricity Supply Industry Amendment Act 1998 is proclaimed, whichever is the later.
<b>compliance plan</b>	means a written plan developed by the <i>Licensee</i> outlining the procedures, practices and strategies for managing, auditing and reporting on the <i>Licensee's</i> compliance with the <i>ESI Act</i> , the <i>Regulations</i> , the <i>Code</i> and the relevant <i>licence</i> , which must include (amongst other things) details of standards, indicators and targets for measuring the <i>Licensee's</i> compliance performance and which must have regard to the <i>Australian Standard 3806 Compliance Program</i> .
<b>conductor size</b>	In relation to the sizes utilised in Tables 2 and 3 in Chapter 8A means: <p style="margin-left: 40px;"><b>small</b> - all conductors up to and including 8mm diameter eg 3/2.75 SC/GZ, 3/12 SC/GZ, 7/.064 Cu, 7/2.50 AAC.</p> <p style="margin-left: 40px;"><b>medium</b> - all conductor diameters within the range from, but not including, 8mm up to and including 14mm eg 7/3.00 AAAC, 6/1/3.00 ACSR, 7/3.75 AAC, 19/.064 Cu.</p> <p style="margin-left: 40px;"><b>large</b> - all conductors over 14mm in diameter eg 19/3.25, 6/4.75-7/1.60.</p>

<b>confidential information</b>	In relation to a <i>Licensee</i> , information which is or has been provided to that <i>Licensee</i> under or, in connection with the <i>Code</i> and which is stated under the <i>Code</i> or by the <i>Regulator</i> to be confidential information or otherwise confidential or commercially sensitive or information which is derived from any such information.
<b>connect, connected, connection</b>	To form a physical link to or through a <i>transmission network</i> or <i>distribution network</i> such as will allow the <i>supply</i> of electricity between electrical systems.
<b>connection agreement</b>	An agreement between a <i>Network Service Provider</i> and a <i>Licensee</i> or other person by which the <i>Licensee</i> or other person is <i>connected</i> to the <i>transmission network</i> or <i>distribution network</i> and/or receives <i>transmission services</i> or <i>distribution services</i> .
<b>connection assets</b>	Those components of a <i>transmission or distribution system</i> which are used to provide <i>connection services</i> .
<b>connection point</b>	The agreed point of <i>supply</i> established between <i>Network Service Provider(s)</i> and another <i>Licensee</i> or <i>Customer</i> .
<b>connection service</b>	An <i>entry service</i> or an <i>exit service</i> .
<b>conservation</b>	Includes preservation, maintenance, sustainable use and restoration of natural and cultural environment.
<b>constraint</b>	A limitation on the capability of a <i>network</i> , <i>load</i> or a <i>generating unit</i> such that it is unacceptable to either transfer, consume or generate the level of electrical power that would occur if the limitation was removed.
<b>construction</b>	Includes reconstruction, replacement or making structural changes.
<b>Consultant</b>	In clause 12.4.2(b), means a legal or other professional adviser, auditor or other consultant.
<b>Consultation Guidelines</b>	<i>Guideline: Consultation Policy and Procedures of the Tasmanian Economic Regulator</i> which sets out the procedures for public consultation that the <i>Regulator</i> will apply in the exercise of its discretion.
<b>contingency event</b>	An event as defined in the <i>National Electricity Rules</i> .
<b>control system</b>	Means of monitoring and controlling the operation of the <i>power system</i> or equipment including <i>generating units connected</i> to a <i>transmission network</i> or <i>distribution network</i> .
<b>Corporations Law</b>	Has the meaning given by Part 3 of the Corporations (Tasmania) Act 1990 (Tas).
<b>coupling point</b>	The point at which connection assets join on a <i>network</i> . It is used to identify the <i>use of system</i> price applicable to a <i>Network User</i> .

<b>CSO</b>	Community Service Obligation
<b>current transformer (CT)</b>	A <i>transformer</i> for use with <i>meters</i> and/or protection devices in which the current in the secondary winding is, within prescribed error limits, proportional to and in phase with the current in the primary winding. For the purposes of Chapter 9, has the meaning ascribed to it in AS 1675.
<b>Customer</b>	A person who: <ul style="list-style-type: none"> <li>(a) is an <i>electricity retailer</i>; or</li> <li>(b) is an <i>embedded generator</i>; or</li> <li>(c) has an <i>electricity supply</i> available from a <i>transmission network</i> or <i>distribution network</i> and includes, where the context requires, a person whose <i>electricity supply</i> has been <i>disconnected</i>.</li> </ul>
<b>customer charter</b>	The document referred to as such in clause 9.6, 8.3.1, and 4A.3.3 of the <i>Code</i> .
<b>day</b>	Unless otherwise specified, the 24 hour period beginning and ending at midnight Eastern Standard Time (EST).
<b>defective</b>	<ul style="list-style-type: none"> <li>(a) In relation to <i>new metering equipment</i>, means that the <i>new metering equipment</i> is not meeting the <i>minimum standards</i>; and</li> <li>(b) In relation to <i>existing metering equipment</i>, means that the <i>existing metering equipment</i> is not meeting the minimum standards of accuracy which it was designed to meet.</li> </ul>
<b>demand</b>	The maximum <i>electricity supply</i> required by a <i>Customer</i> in respect of an <i>electrical installation</i> over a fifteen minute period.
<b>demand integration period</b>	The interval of time upon which the <i>demand</i> measurement is made.
<b>direct connected meter</b>	A <i>meter</i> connected directly to the <i>electrical installation</i> being <i>metered</i> , without an external <i>current transformer</i> .
<b>direct metered electrical installation</b>	An <i>electrical installation</i> <i>metered</i> by a <i>direct connected meter</i> .
<b>Disclosee</b>	In relation to a <i>Licensee</i> , a person to whom that <i>Licensee</i> discloses <i>confidential information</i> .
<b>disconnection, disconnected, disconnect</b>	The operation of switching equipment or other action so as to prevent the flow of electricity at a <i>connection point</i> .
<b>dispatch</b>	The act of initiating all or part of a response by a <i>generating unit</i> in accordance with clause 4A.2.2.
<b>Dispatch guideline</b>	Documenting the methodology for determining the <i>dispatch</i> of dispatched <i>generators</i> and for arbitrating the <i>disconnection</i> and reconnection of non-dispatched <i>generators</i> and <i>Customer</i> loads.

<b>distribute</b>	In relation to electricity, means to convey electricity using a <i>distribution system</i> .
<b>Distribution, distributing</b>	The conveyance of electricity through a <i>distribution system</i> .
<b>distribution area</b>	In relation to a <i>Distribution Network Service Provider</i> , means the area in which the <i>Distribution Network Service Provider</i> is licensed to <i>distribute</i> electricity under the <i>ESI Act</i> .
<b>Distribution Customer</b>	A <i>Customer</i> or <i>Distribution Network Service Provider</i> having a <i>connection point</i> with a <i>distribution network</i> .
<b>distribution licence</b>	A <i>licence</i> to <i>distribute</i> and <i>supply</i> electricity granted under Part 3 of the <i>ESI Act</i> .
<b>distribution network</b>	A <i>network</i> which is not a <i>transmission network</i> .
<b>distribution network coupling point</b>	The point at which connection assets join on a <i>distribution network</i> . It is used to identify the <i>use of system</i> price applicable to a <i>BSI Network User</i> .
<b>Distribution Network Service Provider</b>	A person who engages in the activity of owning, controlling, or operating a <i>distribution system</i> , and in relation to:  (a) a <i>Customer</i> or a <i>Customer's electrical installation</i> ; or (b) an <i>Embedded Generator</i> or an <i>embedded generating unit</i> ,  the <i>Distribution Network Service Provider</i> in whose <i>distribution area</i> that <i>Customer's electrical installation</i> or that <i>Embedded Generator's embedded generating unit</i> (as the case may be) is located.
<b>distribution network use of system services</b>	A service provided to a <i>Distribution Customer</i> for use of the <i>distribution network</i> for the conveyance of electricity that can be reasonably allocated on a locational and/or <i>voltage</i> basis.
<b>Distribution Network User</b>	A <i>Distribution Customer</i> or an <i>Embedded Generator</i> .
<b>distribution powerline</b>	An overhead <i>electric line</i> , operated by a <i>Distribution Network Service Provider</i> .
<b>distribution service</b>	The services provided by a <i>distribution system</i> which are associated with the conveyance of electricity through the <i>distribution system</i> . <i>Distribution services</i> include <i>entry services</i> , <i>distribution network use of system services</i> and <i>exit services</i> .
<b>distribution system</b>	A <i>distribution network</i> , together with the <i>connection assets</i> associated with the <i>distribution network</i> , which is connected to another <i>transmission</i> or <i>distribution system</i> .  <i>Connection assets</i> on their own do not constitute a <i>distribution system</i> .

<b>distribution use of system, distribution use of system service</b>	A service provided to a <i>Distribution Network User</i> for use of the <i>distribution network</i> for the conveyance of electricity that can be reasonably allocated on a locational and/or <i>voltage</i> basis.
<b>electric line</b>	A wire or wires or conductor or other means used for the purpose of <i>transmitting</i> or <i>distributing</i> electricity with any casing, coating, covering, tube, pipe, pole, post, frame, bracket or insulator enclosing, surrounding or supporting the same or any part thereof or any apparatus connected therewith for the purpose of <i>transmitting</i> or <i>distributing</i> electricity or electric currents.
<b>electrical infrastructure</b>	Has the same meaning as in the <i>ESI Act</i> .
<b>electrical installation</b>	Any electrical equipment that is fixed (or to be fixed) in, on, under or over a <i>Customer's</i> premises, but does not include: <ul style="list-style-type: none"> <li>(a) any electrical <i>supply</i> main or <i>service line</i> of a <i>Distribution Network Service Provider</i>;</li> <li>(b) any electrical equipment: <ul style="list-style-type: none"> <li>(1) that is fixed (or to be fixed) in, on, under or over any premises owned or occupied by a <i>Distribution Network Service Provider</i>; and</li> <li>(2) that is not used: <ul style="list-style-type: none"> <li>(A) for the consumption of electricity on those premises; or</li> <li>(B) solely for purposes incidental to that consumption;</li> </ul> </li> </ul> </li> <li>(c) any <i>connections</i> to a <i>Customer's</i> terminals for the purpose of providing <i>supply</i>; or</li> <li>(d) any <i>metering equipment</i> owned by a <i>Distribution Network Service Provider</i>.</li> </ul>
<b>electricity account</b>	An account for electricity <i>supplied</i> .
<b>electricity entity</b>	Means a person licensed to carry on operations in the electricity supply industry under the <i>ESI Act</i> and includes (where the context requires) a person who has been licensed to carry on operations in the electricity supply industry under the <i>ESI Act</i> whose licence has been cancelled or has expired.
<b>Electricity Retailer</b>	An electricity entity with a right under its <i>licence</i> to sell electricity to <i>Customers</i> or a person who has been exempted from the requirement to obtain a <i>licence</i> under a regulation of the <i>ESI Act</i> .
<b>embedded generating unit</b>	A <i>generating unit</i> connected within a <i>distribution network</i> and not having direct access to the <i>transmission network</i> .
<b>Embedded Generator</b>	A <i>Generator</i> who owns, operates or controls an <i>embedded</i>



	<i>generating unit.</i>
<b>energy</b>	<i>Active energy and/or reactive energy.</i>
<b>entry service</b>	<i>A transmission or distribution service provided to serve a Generator or group of Generators at a single connection point.</i>
<b>ESI Act</b>	The Electricity Supply Industry Act 1995 (Tas).
<b>excitation control system</b>	In relation to a <i>generating unit</i> , the automatic <i>control system</i> that provides the field excitation for the generator of the <i>generating unit</i> (including excitation limiting devices and any power system stabiliser).
<b>existing metering equipment</b>	<i>Metering equipment</i> installed before the <i>commencement date</i> .
<b>exit services</b>	<i>A service provided to serve a Transmission Customer or Distribution Customer or group of Transmission Customer, Distribution Customers or both at a single connection point.</i>
<b>explicit informed consent</b>	The consent provided by a <i>Customer</i> where: <ul style="list-style-type: none"> <li>(a) that <i>Customer</i> provides express conscious agreement; and</li> <li>(b) the <i>Distribution-Network Service Provider</i> or <i>Electricity Retailer</i> has fully and adequately disclosed all matters relevant to that <i>Customer</i>, including each specific purpose for which the consent will be used; and</li> <li>(c) all disclosures referred to in paragraph (b) are truthful and have been provided in plain language appropriate to that <i>Customer</i>.</li> </ul>
<b>extension</b>	<i>An augmentation that requires the connection of a power line or facility outside the present boundaries of the transmission network or distribution network owned or operated by a Network Service Provider.</i>
<b>Extreme Loss Consequence</b>	Means the worst 50% of modelled fire starts in terms of damage utilising a <i>fire control authority</i> endorsed bushfire hazard assessment tool.
<b>facility</b>	A generic term associated with the apparatus, equipment, buildings and necessary associated supporting resources necessary or incidental to the provision of services arising from licensed operations.
<b>financial year</b>	A period commencing on 1 July in one calendar year and terminating on 30 June in the following calendar year.
<b>fire control authority</b>	Tasmania Fire Service.
<b>frequency</b>	For alternating current electricity, the number of cycles occurring in each second. The term Hertz (Hz) corresponds to cycles per second.

<b>generating system</b>	A system comprising one or more <i>generating units</i> .
<b>generating unit</b>	The actual generator of electricity and all the related equipment essential to its functioning as a single entity.
<b>generation</b>	The production of electrical <i>energy</i> by converting another form of energy in a <i>generating unit</i> .
<b>Generator</b>	A person who engages in the activity of owning, controlling, or operating a <i>generating system</i> that <i>supplies</i> electricity to, or who otherwise <i>supplies</i> electricity to, a <i>transmission or distribution system</i> and who holds or is deemed to hold a <i>licence</i> or has been exempted from the requirement to obtain a <i>licence</i> under a regulation of the <i>ESI Act</i> .
<b>good electricity industry practice</b>	The exercise of that degree of skill, diligence, prudence and foresight that reasonably would be expected from a significant proportion of operators of <i>facilities</i> forming part of the <i>power system</i> or <i>BSI power system</i> for the <i>generation, transmission or supply</i> of electricity under conditions comparable to those applicable to the relevant <i>facility</i> consistent with applicable laws, regulations, <i>licences</i> , codes, <i>reliability</i> , safety and environmental protection. The determination of comparable conditions is to take into account factors such as the relative size, duty, age and technological status of the relevant <i>facility</i> and the applicable laws, regulations, <i>licences</i> and codes.
<b>governor system</b>	The automatic <i>control system</i> which regulates the speed of the power turbine of a <i>generating unit</i> through the control of the rate of entry into the <i>generating unit</i> of the primary energy input (for example, steam, gas or water).
<b><u>Hardship Customer</u></b>	<u>Has the same meaning as in an <i>Electricity Retailer's customer hardship policy</i>, as provided to the <i>Regulator</i> under clause 9.2(c) of the <i>Code</i>.</u>
<b>hazard space</b>	The space outside the <i>clearance space</i> and <i>regrowth space</i> in which trees or limbs due to their unsafe condition are a potential hazard to the safety of a <i>distribution powerline</i> under the range of weather conditions that can reasonably be expected to prevail.
<b>High Bushfire Loss Consequence Area</b>	An area categorised as <i>Extreme Loss Consequence</i> or <i>Very High Loss Consequence</i> .
<b>High Fire Risk Area</b>	An area that is not a <i>Low Fire Risk Area</i> .
<b>high voltage (HV)</b>	For the purposes of all Chapters of the <i>Code</i> except for Chapter 8A, a <i>voltage</i> greater than 1 kV. For the purposes of Chapter 8A only, a nominal voltage of 1 kiloVolt or above but less than 88 kiloVolts.
<b>Hydro-Electric</b>	Hydro-Electric Corporation ARBN 072 377 158.

<b>Corporation</b>	
<b>IEC</b>	A standard published by the International Electrotechnical Commission.
<b>impulse voltage</b>	A withstand <i>voltage</i> as described in AS 1824.1.
<b>industry</b>	The industry in Tasmania involved in the <i>generation, transmission, distribution, supply</i> and sale of electricity.
<b>individual contract</b>	A contract for the sale of electricity to a <i>Customer</i> .
<b>insulated service cable</b>	A <i>low voltage</i> multi-core cable insulated by a medium other than an air space as defined in <i>Australian Standard AS 3000-1991 - SAA Wiring Rules</i> , as amended or replaced from time to time, and used for the purpose of conveying electricity through a <i>service line</i> .
<b>interconnection, interconnector, interconnect, interconnected</b>	A <i>transmission line</i> or group of <i>transmission lines</i> that connects the <i>transmission network</i> in one region or jurisdiction to another region or jurisdiction.
<b>interested party</b>	In Chapter 12, a person, not being a <i>Licensee</i> , who in the <i>Regulator's</i> opinion, has or who identifies itself to the <i>Regulator</i> as having an interest in changes to the <i>Code</i> .
<b>interval metering equipment</b>	Equipment capable of measuring and recording electricity <i>supplied</i> to an <i>electrical installation</i> in intervals, including communications equipment, clocks and <i>current</i> or <i>voltage transformers</i> , which equipment complies with the requirements for <i>metering installations</i> at <i>approved connection points</i> in accordance with the <i>National Electricity Rules</i> .
<b>Jurisdictional System Security Co-ordinator</b>	Has the same meaning as in the <i>National Electricity Rules</i> .
<b>Large Customer</b>	<del>Means a customer who is a large customer within the meaning of the National Energy Retail Law (Tasmania).</del> <u>For the purposes of Chapter 9 only, means a <i>Tariff Customer</i> on the <i>BSI</i> who would be a large customer under the <i>National Energy Retail Law (Tasmania)</i> if that law were applied to <i>Customers</i> on the <i>BSI</i> and if the relevant <i>Electricity Retailer</i> was considered a retailer under that law.</u>  <u>For the purposes of all other Chapters in the <i>Code</i>, means a <i>Customer</i> who is a large customer within the meaning of the <i>National Energy Retail Law (Tasmania)</i>.</u>
<b>licence</b>	A licence issued by the <i>Regulator</i> pursuant to Part 3 of the <i>ESI Act</i> or deemed to be held by an electricity entity pursuant to Tasmanian legislation.
<b>Licence Fees</b>	The fees payable by <i>Licensees</i> described in clause 2.4.
<b>Licensee</b>	Means a person who holds or is deemed to hold a <i>licence</i> .

<b>life support equipment</b>	<p><u>Has the same meaning as under the <i>National Energy Retail Law</i>.</u></p> <p><u>Means any of the following:</u></p> <p><del>(a) an oxygen concentrator;</del></p> <p><del>(b) an intermittent peritoneal dialysis machine;</del></p> <p><del>(c) a kidney dialysis machine;</del></p> <p><del>(d) a chronic positive airways pressure respirator;</del></p> <p><del>(e) crigler najjar syndrome phototherapy equipment;</del></p> <p><del>(f) a ventilator for life support; or</del></p> <p><del>(g)(a) in relation to a particular customer any other equipment that a registered medical practitioner certifies is required for a person residing at the customer's premises for life support.</del></p>
<b>load</b>	<p>A <i>connection point</i> or defined set of <i>connection points</i> at which electrical power is delivered to a person or to another <i>network</i> or the amount of electrical power delivered at a defined instant at a <i>connection point</i>, or aggregated over a defined set of <i>connection points</i>, and for the purposes of Chapter 8 and Chapter 4A:</p> <p>(a) in relation to an <i>Electricity Retailer</i>, the <i>energy</i> required by a <i>Customer</i> to whom the <i>Electricity Retailer</i> sells electricity, in respect of an <i>electrical installation</i>; and</p> <p>(b) in relation to an <i>Embedded Generator</i>, the <i>energy supplied</i> or to be <i>supplied</i> by an <i>embedded generating unit</i> of the <i>Embedded Generator</i> to the <i>Distribution Network Service Provider's distribution system</i>; and</p> <p>(c) in relation to a <i>Customer</i>, the <i>energy supply</i> required by the <i>Customer</i> in respect of an <i>electrical installation</i>.</p>
<b>load shedding</b>	Reducing or disconnecting <i>load</i> from the <i>BSI power system</i> .
<b>long feeders</b>	A single feeder the length of which measured from the relevant terminal or zone <i>substation</i> is at least 15 kilometres.
<b>Low Fire Risk Area</b>	An area that is listed as an 'Urban' area in accordance with the TASVEG 3.0 vector of The List online service, produced by the Department of Primary Industries, Parks, Water and Environment, or as succeeded from time to time.
<b>low voltage</b>	A nominal voltage of less than 1 kilovolt.
<b>management plan</b>	Means a written plan developed by the <i>Licensee</i> outlining the procedures, practices and strategies for managing (including ensuring the quality of such management arrangements), and reporting on one or more of the aspects,

	specified in the relevant schedule in the <i>Licensee's licence</i> , of the <i>Licensee's operations</i> .
<b>maximum demand</b>	The highest amount of electrical power delivered, or forecast to be delivered, over a defined period (hour, half hour, quarter hour) either at a <i>connection point</i> , or simultaneously at a defined set of <i>connection points</i> .
<b>medium term capacity reserve</b>	The amount of surplus generating capacity indicated as being available for a particular period, being more than 7 <i>days</i> in the future, assessed as being in excess of the capacity requirement to meet the forecast <i>load</i> , taking into account the known or historical levels of <i>demand management</i> .
<b>meter</b>	A device complying with <i>Australian Standards</i> which measures and records the production or consumption of electrical <i>energy</i> .
<b>metering, metered</b>	Recording the production or consumption of electrical <i>energy</i> .
<b>metering data</b>	The data obtained from a <i>metering installation</i> , the processed data or substituted data and for the purposes of Chapter 9, the records of data stored in <i>metering equipment</i> collected by a <i>Distribution Network Service Provider</i> under clause 9.16.2.
<b>metering equipment</b>	Equipment installed or to be installed to safely measure, record and, in certain cases, collect and read records of the amount of electricity (in the nature of <i>apparent energy</i> and <i>reactive energy</i> ) <i>supplied</i> from a <i>Distribution Network Service Provider's distribution system</i> to an <i>electrical installation</i> of a <i>Tariff Customer</i> including <i>meters</i> , <i>current transformers</i> and <i>voltage transformers</i> , wiring and any computing or communications equipment designed to facilitate electronic access and in the case of a <i>Tariff Customer</i> that has installed <i>interval metering equipment</i> means <i>interval metering equipment</i> .
<b>metering installation</b>	The assembly of components between the <i>metering point(s)</i> and the point of connection to the public telecommunications network. This may include the combination of several <i>metering points</i> to derive the <i>metering data</i> for a <i>connection point</i> .
<b>metering point</b>	The point of physical <i>connection</i> of the device measuring the current in the power conductor.
<b>minimum standards</b>	In respect of <i>new metering equipment</i> , means the minimum standards referred to in Schedule 9.1.
<b>Minister</b>	The person responsible for the time being for administering <i>ESI Act</i> .
<b>ministerial charter</b>	Has the same meaning as in the Government Business

	Enterprises Act 1995.
<b>month</b>	Unless otherwise specified, the period beginning at 12 midnight on the relevant commencement date and ending at 12 midnight on the date in the next calendar <i>month</i> corresponding to the commencement date of the period.
<b>National Electricity Law</b>	The National Electricity Law contained in the schedule (as amended from <i>time to time</i> ) to the National Electricity (South Australia) Act 1996 of South Australia.
<b>National Electricity Rules (NER)</b>	Has the same meaning as in the <i>National Electricity Law</i> .
<b><u>National Energy Retail Rules (NERR)</u></b>	<u>Has the same meaning as in the <i>National Energy Retail Law</i> (as amended from time to time).</u>
<b><u>National Energy Retail Law</u></b>	<u>Means the National Energy Retail Law (as amended from time to time) as applied by the National Energy Retail Law (Tasmania) Act 2012.</u>
<b>network</b>	The apparatus, equipment, plant and buildings used to convey, and control the conveyance of, electricity to <i>Customers</i> (whether wholesale or retail) excluding any <i>connection assets</i> . In relation to a <i>Network Service Provider</i> , a <i>network</i> owned, operated or controlled by that <i>Network Service Provider</i> .
<b>network service</b>	<i>Transmission service</i> or <i>distribution service</i> associated with the conveyance and controlling the conveyance, of electricity through the <i>network</i> .
<b>Network Service Provider (NSP)</b>	A person who engages in the activity of owning, controlling, or operating a <i>transmission or distribution system</i> and who holds or is deemed to hold a <i>licence</i> or has been exempted from the requirement to obtain a <i>licence</i> under a regulation of the <i>ESI Act</i> .
<b>Network User</b>	A <i>Generator</i> , a <i>Transmission Customer</i> or a <i>Distribution Customer</i> .
<b>new metering equipment</b>	<i>Metering equipment</i> installed or to be installed, or <i>existing metering equipment</i> reconditioned, on or after the <i>commencement date</i> .
<b>occupier</b>	In relation to land, a person who is in actual occupation of the land or if no one is in actual occupation of the land, the <i>owner</i> of the land.
<b>Ombudsman</b>	The Ombudsman established under the Energy Ombudsman Act 1998 (Tas).
<b>other code</b>	Any Tasmanian code, other than this <i>Code</i> , which contains obligations in respect of <i>metering data</i> .
<b>outage</b>	Any full or partial unavailability of equipment or <i>facility</i> .
<b>owner</b>	In the case of <i>public land</i> , means the person responsible for

	administering that land.
<b><u>overcharge threshold</u></b>	<u>Has the same meaning as in the <i>National Energy Retail Rules</i>.</u>
<b><u>payment plan</u></b>	Means a plan for: <ul style="list-style-type: none"> <li><u>(i) a <i>Hardship Customer</i>, or</u></li> <li><u>(ii) a <i>Residential Customer</i> who is not a <i>Hardship Customer</i> but who is experiencing payment difficulties, to pay an <i>Electricity Retailer</i>, by periodic instalments in accordance with the <i>Code</i>, any amounts payable by the <i>Residential Customer</i> for the sale and supply of energy.</u></li> </ul>
<b>personal information</b>	Has the same meaning as given to it in the Personal Information Protection Act 2004.
<b>plant</b>	In relation to a <i>connection point</i> , includes all equipment involved in generating, utilising or <i>transmitting</i> electrical energy.
<b>point of common coupling</b>	Means the nearest point in a <i>Distribution Network Service Provider's</i> distribution system that connection is made between: <ul style="list-style-type: none"> <li>(a) the <i>Distribution Network Service Provider's</i> distribution system and another <i>Distribution Network Service Provider's</i> distribution system; or</li> <li>(b) two or more <i>customers' electrical installations</i>.</li> </ul>
<b>point of connection</b>	In relation to an <i>embedded generating unit</i> , means the point at which the <i>embedded generating unit</i> is connected to the <i>Distribution Network Service Provider's</i> distribution system.

<b>point of supply</b>	<p>In relation to an <i>electrical installation</i>,</p> <p>(a) in the case of an <i>electrical installation supplied</i> by an underground <i>electric line</i>, the load-side terminals of the service protection equipment at the end of the underground <i>electric line</i>; and</p> <p>(b) in the case of an <i>electrical installation supplied</i> by an overhead <i>electric line</i>, the first <i>point of connection</i> of that <i>electric line</i> on the land, being:</p> <p>(1) where the <i>electric line</i> is carried onto the land by one or more poles, the first pole on the land carrying that <i>electric line</i>;</p> <p>(2) where the <i>electric line</i> is <i>connected</i> directly to premises on that land, that <i>connection</i> to the premises; or</p> <p>(3) where it is not possible to determine a <i>point of supply</i> in accordance with (1) or (2) above, the point at which the <i>electric line</i> crosses the boundary of the land.</p>
<b>power factor</b>	<p>The ratio of the <i>active power</i> to the <i>apparent power</i> at a <i>metering point</i>, and for the purposes of Chapter 8 and Chapter 4A, in respect of a thirty minute period, means the factor calculated as follows:</p> $A/B$ <p>where:</p> <p>A is the <i>energy</i> delivered in the thirty minute period; and</p> <p>B is the <i>apparent energy</i> delivered in the thirty minute period.</p>
<b>power station</b>	<p>In relation to a <i>Generator</i>, a <i>facility</i> in which any of that <i>Generator's generating units</i> are located.</p>
<b>power system</b>	<p>The electricity power system of the <i>Tasmanian network</i> including associated <i>generation, transmission networks</i> and <i>distribution networks</i> for the <i>supply</i> of electricity in Tasmania, operated as an integrated arrangement.</p>
<b>power system demand</b>	<p>The total <i>load</i> (in MW) supplied by the <i>power system</i>.</p>
<b>power system security</b>	<p>The safe scheduling, operation and control of the <i>power system</i> on a continuous basis in accordance with the principles set out in the <i>National Electricity Rules</i>.</p>
<b>power system security and reliability standards</b>	<p>The standards governing <i>power system security</i> and <i>reliability</i> of the <i>power system</i> to be approved by the national Reliability Panel established under the <i>National Electricity Rules</i> which may include but are not limited to standards for the <i>frequency</i> of the <i>power system</i> in operation, contingency capacity reserves (including</p>



	guidelines for assessing requirements and utilisation), <i>short term capacity reserves</i> and <i>medium term capacity reserves</i> .
<b>power system security on BSI</b>	The safe scheduling, operation and control of the <i>BSI power system</i> on a continuous basis in accordance with the principles set out in clause 4A.2.4 of Chapter 4A.
<b>power transfer</b>	The instantaneous rate at which <i>active energy</i> is transferred between <i>connection points</i> .
<b>power transfer capability</b>	The maximum permitted <i>power transfer</i> through a <i>transmission network</i> or <i>distribution network</i> or part thereof.
<b>prepayment meter</b>	A <i>meter</i> that permits the <i>supply</i> of electricity under arrangements which entail payment in full therefore in advance of its consumption, and the recovery of sums owing to the <i>Electricity Retailer</i> by a periodic debit from the <i>prepayment meter</i> as agreed between the <i>Electricity Retailer</i> and the <i>Customer</i> .
<b>prepayment metering installations</b>	An assembly of <i>prepayment meters</i> , <i>current transformers</i> , <i>voltage transformers</i> and any other <i>metering equipment</i> required to measure, record, collect and manage <i>Customers'</i> consumption data and payments.
<b><u>prescribed service</u></b>	<u>Has the meaning attributed to it in clause 9.10A.17(a).</u>
<b>price determination</b>	A determination made by the <i>Regulator</i> under the Electricity Supply Industry (Price Control and Related Matters) Regulations 2013 as amended or substituted from time to time.
<b>profile</b>	With respect to the output from a <i>generating unit</i> , electricity consumption by a <i>load</i> or <i>power system demand</i> , means the quantification in MW of the variation of that output, consumption or <i>demand</i> over a given period.
<b>protection system</b>	A system, which includes equipment, used to protect a <i>Licensee's facilities</i> from damage due to an electrical or mechanical fault or due to certain conditions of the <i>power system</i> or <i>BSI power system</i> .
<b>pruning and clearing cycle</b>	The frequency of successive pruning or clearing which the <i>Distribution Network Service Provider</i> judges as optimal for maintaining the <i>clearance space</i> taking account of recurrent costs, community values, negotiation with the landowner, and utility and amenity in the area.
<b>public land</b>	Means land:- (a) belonging to the Crown, an Agency within the meaning of the State Service Act 2000 (Tas) or an instrumentality of the Crown; or (b) belonging to a local authority as defined in the Acts Interpretation Act 1931 (Tas).
<b>public lighting</b>	Street lighting provided by a governmental body or agency

	in Tasmania.
<b>public lighting on BSI</b>	Street lighting provided by a governmental body or agency on the <i>BSI</i> .
<b>publish/publication</b>	Make available to <i>Licensees</i> and <i>interested parties</i> electronically.
<b>rated current</b>	Has the meaning ascribed to it in AS 1284 Part 9.
<b>reactive energy</b>	A measure, in varhours (varh) of the alternating exchange of stored energy in inductors and capacitors, which is the time-integral of the product of <i>voltage</i> and the out-of-phase component of current flow across a <i>connection point</i> .
<b>reactive energy meter</b>	A <i>meter</i> used to measure <i>reactive energy</i> .
<b>reactive power</b>	The rate at which <i>reactive energy</i> is transferred. <i>Reactive power</i> is a necessary component of alternating current electricity which is separate from <i>active power</i> and is predominantly consumed in the creation of magnetic fields in motors and <i>transformers</i> and produced by <i>plant</i> such as: (a) alternating current generators; (b) capacitors, including the capacitive effect of parallel <i>transmission</i> wires; and (c) <i>synchronous condensers</i> .
<b>reactive power reserve</b>	Unutilised sources of <i>reactive power</i> arranged to be available to cater for the possibility of the unavailability of another source of <i>reactive power</i> or increased requirements for <i>reactive power</i> .
<b>regrowth space</b>	The space beyond the <i>clearance space</i> that should be cleared to allow for anticipated vegetation regrowth for the period of the <i>pruning and clearing cycle</i> .
<b>regulations</b>	Means regulations made and in force under the <i>ESI Act</i> .
<b>Regulator</b>	The Regulator as defined in the <i>ESI Act</i> .
<b>related body corporate</b>	In relation to a body corporate, a body corporate that is related to the first-mentioned body by virtue of the Corporations Act 2001 (Cth).
<b>reliability</b>	The probability of a system, device, <i>plant</i> or equipment performing its function adequately for the period of time intended, under the operating conditions encountered.
<b>reliable</b>	The expression of a recognised degree of confidence in the certainty of an event or action occurring when expected.
<b>representative</b>	In relation to a person, any employee, agent or <i>Consultant</i> of: (a) that person; or (b) a <i>related body corporate</i> of that person; or

	(c) a third party contractor to that person.
<b>reserve</b>	<i>Short term capacity reserve and medium term capacity reserve as required in accordance with the power system security and reliability standards, or in the case of BSI, in accordance with the BSI power system security and reliability standards.</i>
<b>reserve margin</b>	Has the meaning as prescribed in 4A.2.2.2
<b><u>Residential Customer</u></b>	<u>Means a Tariff Customer on the BSI who would be a residential customer under the National Energy Retail Law if that law were applied to Customers on the BSI and if the relevant Electricity Retailer were considered a retailer under that law.</u>
<b>retail licence</b>	A licence to sell electricity granted under the <i>ESI Act</i> .
<b>review</b>	Means an examination of the specified matters conducted to the standard specified for a “review” in Auditing Standard AUS106: “Explanatory Framework for standards on Audit and Audit Related Services” prepared by the Auditing Standards Board, as varied from time to time.
<b>reviewable decision</b>	A decision of the <i>Regulator</i> that is specified as a reviewable decision (which, therefore, is reviewable pursuant to Part 9 of the <i>ESI Act</i> ).
<b>safety and operational area</b>	In respect of a powerline used for the distribution of electricity at a nominal voltage of not more than 88 kilovolts, means – (a) a strip of land of a width specified in the <i>Code</i> ; or (b) if the <i>Code</i> does not so specify, a strip of land 12 metres wide defined by measuring 6 metres in a horizontal plane to each side of the centreline of a powerline at right angles to the centreline.
<b>satisfactory operating state</b>	For the <i>BSI</i> the satisfactory operating state of the <i>BSI power system</i> is as defined by clause 4A.2.4.2.
<b>self-dispatch</b>	Where the decision to commit and schedule a <i>generating unit</i> was made by the relevant <i>Generator</i> .
<b>Service and Installation Rules</b>	Means the Service and Installation Rules published by a <i>Distribution Network Service Provider</i> .
<b>service line</b>	The terminating span of an <i>electric line</i> :- (a) constructed or designed or ordinarily used for the supply of electricity at <i>low voltage</i> ; and (b) through which electricity is, or is intended to be, supplied by a <i>Distribution Network Service Provider</i> to a <i>point of supply</i> .
<b><u>Small Customer</u></b>	<u>Means a Tariff Customer on the BSI who would be a small customer under the National Energy Retail Law if that law</u>

	<u>were applied to Customers on the BSI and if the relevant Electricity Retailer was considered a retailer under that law.</u>
<b>short term capacity reserve</b>	The amount of surplus or unused generating capacity indicated as being available for any half hour period at present or at any <i>time</i> until the end of the next 7 <i>days</i> , assessed as being in excess of the capacity requirement to meet the current forecast <i>load demand</i> , taking into account the known or historical levels of <i>demand management</i> .
<b><u>Standard Terms and Conditions</u></b>	<u>Means those terms and conditions applicable to the sale and supply of energy on the BSI as fixed by an Electricity Retailer in accordance with section 42 of the ESI Act.</u>
<b>substation</b>	A <i>facility</i> at which two or more lines are switched for operational purposes. May include one or more <i>transformers</i> so that some <i>connected</i> lines operate at different nominal <i>voltages</i> to others.
<b>Supply/supplied</b>	The delivery of electricity.
<b>supply area</b>	An area in which an <i>electricity entity</i> has, under the terms of its <i>licence</i> , an exclusive right to sell electricity to <i>Tariff Customers</i> .
<b>Supply reliability area</b>	A prescribed geographical area as published by the <i>Regulator</i> for the purpose of establishing <i>reliability standards</i> .
<b>Supply reliability category</b>	A group of <i>supply reliability areas</i> as published by the <i>Regulator</i> for the purpose of establishing <i>reliability standards</i> .
<b>synchronise</b>	The act of <i>synchronising</i> a <i>generating unit</i> to the <i>power system</i> or <i>BSI power system</i> .
<b>synchronising/synchronisation</b>	To electrically <i>connect</i> a <i>generating unit</i> to the <i>power system</i> or <i>BSI power system</i> .
<b>synchronous condensers/condensers</b>	<i>Plant</i> , similar in construction to a <i>generating unit</i> of the <i>synchronous generator</i> category, which operates at the equivalent speed of the <i>frequency</i> of the <i>power system</i> or <i>BSI power system</i> , specifically provided to generate or absorb <i>reactive power</i> through the adjustment of rotor current.
<b>synchronous generator, synchronous generating unit</b>	The alternating current generators of most thermal and hydro (water) driven power turbines which operate at the equivalent speed of the <i>frequency</i> of the <i>power system</i> or <i>BSI power system</i> in its <i>satisfactory operating state</i> .
<b>System Controller</b>	Means <i>AEMO</i> .
<b>tariff</b>	The standing offer price or tariff to be fixed pursuant to section 40 or 42 respectively of the <i>ESI Act</i> as amended from time to time.

<b>Tariff Customer</b>	A <i>Customer</i> on the <i>BSI</i> who is <i>supplied</i> with electricity or has made an application for <i>supply</i> on conditions fixed by a <i>tariff</i> under section 42 of the <i>ESI Act</i> and, for the purposes of Part B of Chapter 9, includes exempted <i>Generators</i> who consume electricity <i>supplied</i> to them from the <i>Tasmanian network</i> .
<b>Tasmanian network</b>	The sum of all <i>connected transmission systems</i> and <i>distribution systems</i> within Tasmania.
<b>TasNetworks</b>	Means Tasmanian Networks Pty Ltd ACN 167 357 299.
<b>technical envelope</b>	Means the technical boundary limits of the <i>BSI power system</i> for achieving and maintaining the <i>satisfactory operating state</i> of the <i>BSI power system</i> for a given <i>demand</i> and <i>BSI power system</i> scenario.
<b>time</b>	Eastern Standard Time, being the time at the 150 <sup>th</sup> meridian of longitude east of Greenwich in England, or Co-ordinated Universal Time, as required by the National Measurement Act 1960 (Cth).
<b>transformer</b>	A <i>plant</i> or device that reduces or increases the <i>voltage</i> of alternating current.
<b>Transmission, transmitting</b>	Activities pertaining to a <i>transmission network</i> including the conveyance of electricity.
<b>Transmission Customer</b>	A <i>Customer</i> or <i>Distribution Network Service Provider</i> having a <i>connection point</i> with a <i>transmission network</i> .
<b>transmission line</b>	A power line that is part of a <i>transmission network</i> .
<b>transmission network</b>	Has the same meaning ascribed to it as in the <i>NER</i> .
<b>transmission or distribution system</b>	A <i>transmission system</i> or <i>distribution system</i> that: (1) is used to convey, and control the conveyance of, electricity to customers (whether wholesale or retail); and (2) is <i>connected</i> to another such system.
<b>transmission service</b>	The services provided by a <i>transmission system</i> associated with the conveyance of electricity which include <i>entry services</i> , <i>transmission use of system services</i> and <i>exit services</i> and new <i>network services</i> which are being provided by part of a <i>transmission system</i> .
<b>transmission system</b>	Has the same meaning ascribed to it as in the <i>NER</i> .
<b>transmission use of system, transmission use of system service</b>	A service provided to a <i>Generator</i> or <i>Transmission Customer</i> for use of the <i>transmission network</i> for the conveyance of electricity that can be reasonably allocated to a <i>Network User</i> on a locational basis.
<b>use of system</b>	Includes <i>transmission use of system</i> and <i>distribution use of system</i> .

<b>use of system services</b>	<i>Transmission use of system service and distribution use of system service.</i>
<b>Very High Loss Consequence</b>	Means the second worst 30% of modelled fire starts in terms of damage utilising a <i>fire control authority</i> endorsed bushfire hazard assessment tool.
<b>voltage</b>	The electronic force or electric potential between two points that gives rise to the flow of electricity, and for the purposes of Chapter 8 means (except in the case of <i>impulse voltage</i> ) the root mean square (RMS) of the phase to phase voltage.
<b>voltage transformer (VT)</b>	A <i>transformer</i> for use with <i>meters</i> and/or protection devices in which the <i>voltage</i> across the secondary terminals is, within prescribed error limits, proportional to and in phase with the <i>voltage</i> across the primary terminals.
<b>wayleave</b>	A wayleave contract and a wayleave easement but does not include an easement created by reason of section 11 of the Electricity Wayleaves and Easements Act 2000 (Tas).
<b>weed</b>	As defined under the Weed Management Act 1999 (Tas).
<b>writing</b>	Includes any mode of representing or reproducing words, figures, drawings or symbols in a visible form.