

Schedule 7: Definitions and Interpretation

Term	Definition
Act	<i>Utilities Commission Act</i>
Adjusted	To exclude all network outages that meet the requirements of clause Error! Reference source not found. of this Code
AER	Australian Energy Regulator
Applicable regulatory instruments	The Act , the ERA , the ENTPA Act , any regulation made under those Acts, the National Electricity Rules , any condition of a licence issued to an electricity entity or any other code, rule, determination or relevant statutory instrument made by the Commission under the Act
Best endeavours	To act in good faith and use all reasonable efforts, skill and resources
Bulk supply point	A major substation where transformers reduce the transmission network voltage to a lower level suitable for the distribution network
Business day(s)	A day which is not a Saturday, Sunday or observed as a public holiday in the Northern Territory
Code	This Electricity Industry Performance Code
Commencement Date	The date on which this Code is gazetted, or a later date specified in that gazette as the date upon which this Code will commence operation
Commission	The Utilities Commission of the Northern Territory established under the Act
Complaint	Written or verbal expression of dissatisfaction about an action, or a proposed action, or a failure to act by an electricity entity , its employees, agents or contractors, and includes failure by an electricity entity to observe its published or agreed practices or procedures
Connect, connected, connection	To form a physical link between a regulated network and a premises to allow the flow of electricity

Term	Definition
Connection alteration	An alteration to an existing connection , including an addition, upgrade, extension, expansion, augmentation or any other kind of alteration
Connection point	Has the meaning given in the ENTPA
Customer(s)	Has the meaning given in the ERA
Data	Data that results from measuring the performance of generation services, network services, or retail services for the purpose of complying with the reporting requirements of this Code
Distribution assets	<p>Include:</p> <ul style="list-style-type: none"> • distribution lines including all poles and associated hardware; • terminating switchgear (circuit breakers and isolators) including associated protection and controls; • transformers between distribution network voltage levels; • switchgear for the above transformers; • underground cable systems including conduits and trenching; and • transmission assets.
Distribution network	For the purpose of this Code , is the regulated network and includes the bulk supply points, distribution assets and distribution network connection assets owned or operated by the relevant network entity
Distribution network connection assets	<p>Include:</p> <ul style="list-style-type: none"> • service lines plus meters for customers that are taking (or likely to take less than) 160 megawatt hours of electricity from the distribution network in a financial year; • service lines, high voltage lines and plant, meters, dedicated distribution network transformers and associated switchgear for customers that are taking (or likely to take more than) 160 megawatt hours of electricity from the distribution network in a financial year; and • transmission network connection assets.

Term	Definition
<i>Distribution network related event</i>	Any event caused by assets or equipment within the <i>distribution network</i> that affects the conveyance or the control of conveyance of electricity within the <i>distribution network</i>
<i>Electrical installation</i>	Has the meaning given in the <i>ERA</i>
<i>Electricity entity/entities</i>	Has the meaning given in the <i>ERA</i>
<i>Electricity supply industry</i>	Has the meaning given in the <i>ERA</i>
<i>ENTPA Act</i>	<i>Electricity Networks (Third Party Access) Act</i>
<i>Eligible small customer</i>	The <i>small customer</i> entitled to a <i>GSL payment</i> under clause Error! Reference source not found.
<i>ERA</i>	<i>Electricity Reform Act</i>
<i>Equivalent partial outage hours</i>	Represents the number of <i>hours</i> that a <i>generating unit</i> is unavailable due to a <i>generation outage</i> that results in a <i>unit derating</i> calculated in accordance with the 'equivalent partial outage <i>hours</i> ' formula in schedule 2
<i>Feeder category</i>	Any categories defined in guidelines issued by the <i>Commission</i> including CBD, urban, short rural, and long rural feeders
<i>Financial year</i>	A year commencing 1 July and ending 30 June
<i>Forced outage</i>	A <i>generation outage</i> (that is not a <i>partial forced outage</i>) of a <i>generating unit</i> caused by a <i>generation event</i> that requires the performance of breakdown maintenance or repairs in relation to that <i>generating unit</i> which cannot be delayed until the next period of reduced <i>power system</i> demand as determined by the <i>System Controller</i>
<i>Generation entity/entities</i>	An <i>electricity entity</i> that provides <i>generation services</i>
<i>Generation event(s)</i>	Any event caused by a <i>generating unit</i> that affect a <i>generating unit's operating capacity</i> but excludes events caused by assets or equipment that are outside <i>plant management control</i> as determined by the relevant <i>electricity entity</i>
<i>Generation interruption</i>	A <i>generation outage</i> that results in a temporary unavailability or temporary curtailment of <i>supply</i> to a <i>customer</i> by the relevant generator and excludes

Term	Definition
	generation interruptions that are less than one (1) minutes' duration
Generation outage	Any full or partial unavailability of a generating unit , or related equipment and excludes generation outages that are less than one (1) minutes' duration
Generation services	The services provided by an electricity entity that is licensed to generate electricity for sale under the ERA and excludes the services provided by an Independent Power Producer
Generating unit	Has the meaning given in the National Electricity Rules
Good electricity industry practice	The exercise of that degree of skill, diligence, prudence and foresight that would reasonably be expected from a significant portion of electricity entities carrying on operations in the electricity supply industry under conditions comparable to those applicable to the relevant electricity entity consistent with the applicable regulatory instruments , 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 electricity entity and the applicable regulatory instruments
Gross maximum capacity	The 'gross maximum capacity' value for a generating unit expressed in MWs and calculated in accordance with US Institute of Electrical and Electronics Engineers (IEEE) Standard 762-2006
GSL payment	A guaranteed service level payment to be made in accordance with clause Error! Reference source not found. of the amount set out in schedule 1
Guaranteed service level	A guaranteed service level set out in Table 1 of schedule 1
Hardship	Includes financial hardship
Hour(s)	60 minutes or part thereof
IEEE 2.5 Beta Method	The 2.5 method described in the US Institute of Electrical and Electronics Engineers (IEEE) Standard 1366-2012

Term	Definition
Independent Power Producer	An electricity entity identified as an ‘Independent Power Producer’ in the relevant generation licence issued by the Commission in accordance with the ERA
Interpretation Act	<i>Interpretation Act</i>
Interruption	A temporary unavailability or temporary curtailment of the supply of electricity to a premises , but does not include unavailability or curtailment in accordance with the terms and conditions of that contract for the supply of electricity at that premises
Legacy ESS Code	The Electricity Standards of Service Code dated 1 December 2012.
Load shedding	Has the meaning given in the System Control Technical Code
Minister	The Minister of the Crown who is responsible for the administration of the ERA
National Electricity Rules	Means the National Electricity Rules as applied in the Northern Territory by the <i>National Electricity (Northern Territory) (National Uniform Legislation) Act</i>
Network entity/entities	An electricity entity that provides network services
Network interruption	A network outage that results in a temporary unavailability or temporary curtailment of supply to a customer by the relevant network and excludes network interruptions that are less than one (1) minutes duration
Network outage	Any full or partial unavailability of apparatus, equipment, plan and buildings used to convey, and control the conveyance of electricity and excludes network outages that are less than one (1) minute’s duration
Network services	Has the meaning given in the ERA
New connection	A new connection where there is no existing connection at the premises or a connection alteration
Operating capacity	The reduction of a generating unit’s output from its gross maximum capacity
Partial forced outage	A generation outage (that is not a forced outage) of a generating unit that results in a unit derating that requires

Term	Definition
	the performance of breakdown maintenance or repairs in relation to that generating unit which cannot be delayed until the next period of reduced power system demand as determined by the System Controller
Partial planned outage	A planned outage that results in a unit derating
Partial unplanned outage	An unplanned outage that results in a unit derating
Performance indicators	The ' performance indicators ' prescribed in schedules 1 to 4 of this Code
Planned interruption	<p>An interruption of the supply of electricity for:</p> <ul style="list-style-type: none"> • planned maintenance, repair or augmentation of an electricity network to which the regulated network is connected; or • planned maintenance, repair or augmentation of the regulated network, including planned or routine maintenance of metering equipment; or • installation of a new connection.
Planned network interruption	A network interruption where more than two business days ' notice was given to customers by the network entity and the network entity has otherwise complied with the relevant requirements of the applicable regulatory instruments
Planned outage	A generation outage that is planned in advance and notified to System Control in accordance with the System Control Technical Code
Plant management control	The methodology in the US Institute of Electrical and Electronics Engineers (IEEE) Standard 762-2006 that is used to determine causes that are internal or external to plant operation and equipment
Power station	The electricity generating plant identified as a 'power station' in a generation licence issued by the Commission in accordance with the ERA , which is connected to a regulated network , and excludes minor power stations as specified by the Commission

Term	Definition
<i>Power system</i>	Means: <ul style="list-style-type: none"> • the Darwin-Katherine power system; • the Tennant Creek power system; and • the Alice Springs power system.
<i>Premises</i>	The address for which a <i>small customer</i> has a contract for the <i>supply</i> of electricity
<i>Re-connection</i>	Re-installation of a <i>connection</i> where there is an existing connection at the <i>premises</i>
<i>Region</i>	Includes the: <ul style="list-style-type: none"> • Darwin region; • Katherine region; • Tennant Creek region; and • Alice Springs region.
<i>Regulatory control period</i>	Has the meaning given under the <i>National Electricity Rules</i>
<i>Regulated network</i>	An <i>electricity network</i> that is subject to price regulation by the <i>AER</i> or the <i>Commission</i> . For the avoidance of doubt, the <i>regulated network</i> ceases at the <i>electrical installation</i>
<i>Remote monitoring equipment</i>	Includes faulted circuit indicators (or equivalent) and related equipment commonly used to monitor <i>network outages</i>
<i>Reporting period</i>	The last completed <i>financial year</i> , that is, 1 July to 30 June, or a period as otherwise stated within the <i>Code</i>
<i>Residential customer</i>	A <i>customer</i> who purchases electricity principally for its own personal, household or domestic use at <i>premises</i>
<i>Responsibility statement</i>	A statement in the form of the template set out in schedule 6, completed, signed, and dated by the Chief Executive Officer or a delegate of the Chief Executive Officer of an <i>electricity entity</i>
<i>Retail entity/entities</i>	An <i>electricity entity</i> that provides <i>retail services</i>
<i>Retail services</i>	The services provided by an <i>electricity entity</i> that is licensed to trade in electricity and to retail electricity to <i>customers</i> under the <i>ERA</i>

Term	Definition
<i>SAIDI (System Average Interruption Duration Index)</i>	The sum of the duration multiplied by the number of customer affected of each sustained <i>unplanned network interruption</i> (in minutes) divided by the total number of distribution <i>customers</i> . <i>SAIDI</i> excludes momentary <i>interruptions</i> of one minute or less
<i>SAIFI (System Average Interruption Frequency Index)</i>	The total number of <i>unplanned network interruptions</i> divided by the total number of distribution <i>customers</i> . <i>SAIFI</i> excludes momentary <i>interruptions</i> of one minute or less. <i>SAIFI</i> is expressed per 0.01 <i>interruptions</i>
<i>Small customer</i>	In relation to a <i>premises</i> that is <i>connected</i> or proposed to be connected to a <i>regulated network</i> , refers to a <i>customer</i> that is taking or is likely to take less than 160 megawatt <i>hours</i> of electricity in a <i>financial year</i> at that <i>premises</i>
<i>Supply</i>	Has the meaning given in the <i>ERA</i>
<i>System Control Technical Code</i>	The code of that name authorised by the <i>Commission</i>
<i>System Controller</i>	Has the meaning given under the <i>ERA</i>
<i>Target standard</i>	A standard of performance that is approved by the <i>Commission</i> from time to time in accordance with clause <i>Error! Reference source not found.</i> of this <i>Code</i>
<i>Transformer</i>	A facility or device that reduces or increases the voltage of alternating current

Term	Definition
Transmission assets	<p>Include:</p> <ul style="list-style-type: none"> • transmission lines; • switchgear (circuit breakers and isolators) on transmission lines and transformers which form part of the transmission network; • transformers which transform voltage between transmission levels; • any dynamic reactive plant and associated switchgear and transformation regardless of voltage level; • all existing static reactive plant and associated switchgear; and • all system controls required for monitoring and control of the integrated transmission system – this includes remote monitoring and associated communications, load shedding and special control schemes and voltage regulating plan required for operation of the system
Transmission customer	A customer having a connection point with the transmission network
Transmission network	That part of the regulated network that operates at a high voltage level suitable for the transmission network to convey electricity from the relevant entry point to the bulk supply point and to supply transmission customers , and includes the bulk supply points , transmission assets and transmission network connection assets owned or operated by the relevant network entity
Transmission network connection assets	Assets used to supply transmission customers at the interface between the transmission customer's facility and the transmission network (including transmission lines connecting a generating unit to transmission assets)
Unadjusted	Includes all network outages that would normally be excluded if adjusted
Unit derating	For a generating unit occurs when the generating unit is partially operational and its operating capacity is reduced to less than its gross maximum capacity by the unit derating value

Term	Definition
<i>Unit derating value</i>	For a <i>generating unit</i> is equal to the difference (expressed in MW) between the gross maximum capacity and the operating capacity of the generating unit when operating considerations necessitate a unit derating
<i>Unplanned network interruption</i>	A <i>network interruption</i> that is not a <i>planned network interruption</i>
<i>Unplanned outage</i>	A <i>generation outage</i> that is not a <i>planned outage</i>
<i>Written</i>	Any electronic communication capable of being reduced to paper form by being printed