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Australian Energy Regulator GPO Box 520 Melbourne VIC 3001

Dear Sir,

## Performance Incentive Scheme Report for 2010 Calendar Year

Herewith I submit ElectraNet's annual Service Targets Performance Incentive Scheme (STPIS) report for the 2010 calendar year, which has been prepared in accordance with the applicable guidelines and revenue determination.

Clause 3.3(d) of the First Proposed Service Target Performance Incentive Scheme of January 2007 dictates that the timetable for the annual review will be decided on an annual basis by agreement between the AER and the relevant TNSP and will have due regard to the scheme and the TNSP's pricing obligations under the National Electricity Rules (the Rules).

ElectraNet is required to report actual performance for the period 1 January to 31 December 2010 against the performance measures determined by the AER in ElectraNet's revenue cap decision 2008-2013 and to provide:

- A list of events that ElectraNet believes should be excluded from the performance measures for the period, and for each event a description of the event and its impact, quantification of the impact and the reasons for the exclusion request; and
- The calculation of the financial incentive as per the revenue cap decision applying to the period.

The STPIS is based on service standard measures that are common to all TNSPs. However, the ACCC recognised in its November 2003 decision on service standards that there must be flexibility in how these performance measures are implemented for each TNSP. In particular, the importance of measuring performance consistently over time was emphasised. The STPIS is based on the assumption that performance measurement will be consistent with the way in which historical performance was derived for target setting.

In its letter of 30 April 2010 the AER sought advice from ElectraNet with respect to the future treatment of transient outages of less than one minute for calculation of the availability parameters.

The transient outages concerned relate to successful reclose events on the transmission network following protection operation to clear lightning and other environmental related faults. These outages typically result in line outages of less than 10 seconds and the durations are not routinely recorded by automatic recording systems. They have historically been treated as zero length outages for the purpose of calculating these parameters and setting of the associated targets, caps and collars.

The practice of requesting the exclusion of these events arose from AER staff requests in previous years. ElectraNet does not believe that this exclusion is required under the applicable guideline and would prefer not to continue this practice.

### Discussion of specific exclusions

#### Major project outages of more than 14 days

In 2004 ElectraNet applied for the exclusion of major line outages for the rebuilding of the Para - Waterloo 132kV transmission line. The ACCC's auditor Sinclair Knight Merz (SKM) recommended that the ACCC accept ElectraNet's exclusion as it was consistent with the definitions used for target setting for the STPIS. However, the ACCC decided that, as the work was included in the revenue cap it should not be excluded from the performance incentive, but that it would be appropriate that the time associated with the event be capped at 14 days in aggregate in calculating ElectraNet's transmission circuit availability figure. The AER subsequently incorporated this cap into the STPIS that has applied to ElectraNet since 1 July 2008.

During the 2010 ElectraNet managed a number of significant projects which each exceeded the 14 day cap provision. The treatment of these capped exclusions is detailed in the attached template.

#### Third party events – non customer

In 2009 ElectraNet sought to exclude a number of access related outages requested by third parties to facilitate road widening and high vehicle transport that occurred in the 2008 calendar year. ElectraNet maintained that these outages where clearly of a third party nature and satisfied the exclusion requirement in the definitions. The auditor, Parsons Brinckerhoff (PB), maintained that these outages did not satisfy the definition as the third party concerned was not a customer of ElectraNet subject to a transmission connection agreement (TCA). The AER subsequently granted these exclusions and stated that such outages would be assessed on a case by case basis in the future. ElectraNet has sought no exclusions of this kind for the 2010 calendar year.

### <u>Third party events – customer</u>

For the 2009 calendar year ElectraNet sought and received exclusions for a number of transmission line outages that were required to enable access by third parties to the transmission network. These works were:

- Required solely due to the obligations under clauses 5.2.3.(d)(1) and 6A.1.3 of the Rules and clause 4 of the Electricity Transmission Licence for ElectraNet to grant access to third parties to the transmission network;
- Conducted in accordance with TCA's between the customers and ElectraNet which were established following a customer access request;
- Minimised and coordinated in accordance with clauses 3.2 and 3.3 of the Electricity Transmission Code so as to reduce any consequent transmission service interruptions or restrictions.

These third party requested outages, which are excluded under the definitions, are listed in the attached templates.

### Major plant outages resulting in line outages to control voltages

On Saturday 6 July 2010 at 21:05 the East Terrace 275/66kV transformer tripped due to the failure of the transformer tap changer. This resulted in the Magill – East Terrace 275kV cable being de-energised. The transformer outage did not result in an interruption to supply.

Following the disconnection of the transformer and cable the transformer was inspected and it was determined on 6 July 2010 at 22:28 that the fault was limited to the transformer and that, but for voltage control issues, the Magill – East Terrace 275kV cable could be returned to service and energised to the East Terrace 275kV bus.

As the cable could not be energised without exceeding acceptable voltage limits it was not re-energised until the transformer was returned to service on 29 August 2010 at 20:51.

Consistent with the definitions ElectraNet is seeking exclusion of the period between the point at which it was determined that the cable could be returned to service but for the requirement to control voltages to required limits, until the cable was re-energised to facilitate the return to service of the East Terrace 275kV transformer. ElectraNet seeks this exclusion as under the scheme transformers are excluded from the availability parameter and the cable was available for prompt return to service at any point during the transformer outage.

The attachment lists all outages which are excluded by definition from the parameters and which the AER has nonetheless required us to report and request exclusions for.

#### Force majeure events

There are no force majeure events claimed during the period.

### Calculation of Incentive

ElectraNet's actual performance is shown in the attached AER Proforma (Attachment 1) that summarises actual performance against each performance measure, including calculation of the S factors and the applicable revenue bonus/ penalty for the 2010 calendar year.

Calculations are presented with and without exclusions as required by the guideline and consistent with previous discussions with your officers.

#### Audit of Performance

Full access to all relevant systems and reports to support this application will be made available to the auditor.

Please do not hesitate to contact Bill Jackson on (08) 8404 7969 should you require clarification of any of the information provided in this report.

Yours sincerely,

Dimen applie

Simon Appleby Senior Manager Regulatory Affairs

ATTACHMENT 1 - AER PROFORMA FOR CALCULATION OF S FACTOR AND INCENTIVE

# **TEMPLATE EXPLANATION**



This template must be used by the TNSP to report service performance information for the previous calendar year.

Yellow worksheets ('Inputs - Performance' and 'Inputs - Exclusions') are for inputs, including performance and exclusion information. The TNSP only needs to enter data on these worksheets.

Purple worksheets 'S1' to 'S6' are the s-factor results based on the performance inputs from the 'Inputs - Performance' worksheet.

Blue worksheet 'Revenue Calculation' quantifies the appropriate revenue to be applied to the s-factor results adjusted for CPI.

Red worksheet '**Outcomes'** shows the total performance, s-factor and financial incentive results based on the TNSP's performance in 'Inputs-Performance' and 'Revenue Calculation' worksheets.

Orange worksheet 'Exclusion Definitions' are the defined exclusions for each TNSP which should form the basis of exclusion requests under 'Inputs-Exclusions' worksheet.

#### **ElectraNet - SERVICE STANDARDS PERFORMANCE**

	Performance Inputs														
s	Performance parameter	ance parameter Collar		Сар	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions)								
S1	Total transmission circuit availability	99.10%	99.47%	99.63%	0.30%	99.230000%	99.713000%								
S2	Critical circuit availability – peak	98.52%	99.24%	99.51%	0.20%	99.650000%	99.748000%								
S3	Critical circuit availability – non-peak (zero weighting)	98.88%	99.62%	99.95%	0.00%	99.490000%	99.490000%								
S4	Loss of supply event frequency ( >0.05 system minutes )	11	8	6	0.10%	12	11								
S5	Loss of supply event frequency ( >0.2 system minutes )	6	4	2	0.20%	7	6								
S6	Average outage duration (minutes)	119	78	38	0.20%	129	130								

Revenue Determination Inputs									
TNSP:	ElectraNet								
STPIS version:	January, 2007								
Regulatory Determination	2008/09 - 2012/13								
Base Year Allowed Revenue	\$ 229,990,000								
Base Year	2008–09								
X-factor	-5.93%								
Commencement of regulatory year	01-Jul-08								

Other	inputs
Assessment	
Period	2010
Financial year to	
affect revenue:	2011/12
Date prepared:	
Revision date:	

		Other I	nputs			
Annual revenue adjusted for C	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13
CPI	162.2	166.2	170.0			

#### NOTE:

Pink cells - Performance without exclusions input cells

Orange cells - Performance with exclusions input cells

Green cells - Other inputs

Blue cells - Inputs sourced from the revenue determination

Performance is based on a calendar year or the proportion of a calendar year that applies in each regulatory period.

	Description of the event and its impact on the network and performance	Cause of the avent	sime time	End date	en carta anecieo		impact		
Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP, assets damaged or Intercepted.	A description of the cause of the event	Start date and time of event	End date and	me of event a Nerme of circuits or plant affected	Name of any equipment affected	Proposed excluded hrs processed excluded hrs parameter	Full details of the reason's for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event.	A TNSP may provide further details of an e provide reference.
BLINGAMA - REDHILL - BRINKWORTH 152KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 152KV LINE PARA - BUNGAMA 275KV LINE	Outage <1 minute Outage <1 minute Outage <1 minute	StormWind Lightning StormWind	######### 18:44:0 ######### 10:07:0 ######### 10:07:0	00 28/01/2010	18-44:00 BUNGAMA - REDHLL - BRINKWORTH 132KV LINE 10:07:00 HUMIOCKS - SNOWTOWN - BUNGAMA 132KV LINE 10:07:00 PARA - BUNGAMA 275KV LINE	NA NA NA	0.00 0.00 0.00	Transient inferruptions less their one (1) minute Transient interceptions less their one (1) minute Transient inferruptions less their one (1) minute	Successful Reclose d Successful Reclose d Successful Reclose d
PARA - BUNGAMA 275KV LINE WATERLOO - ROBERTSTOWN NO 2 132KV LINE	Outage < 1 minute Outage < 1 minute	Storm/Wind Lightning	NAVAVAVA 10:12:0 NAVAVAVA 11:56:0	00 28/01/2010 00 28/01/2010	10:12:00 PARA - BUNGAMA 275KV LINE 11:56:00 WATERLOO - ROBERTSTOWN NO 2 132KV LINE	NA NA	0.00	Transient interruptions less then one (1) minute Transient interruptions less then one (1) minute	Successful Reclose d Successful Reclose d
BUNGAMA - REDHILL - BRINKWORTH 132KV LINE PARA - BUNGAMA 275KV LINE PARA - BUNGAMA 275KV LINE	Outage <1 minute Outage <1 minute Datage <1 minute	Storn/Wind Storn/Wind	######## 12:25:0 ######## 13:21:0 ######## 17:42:0 ######## 11:26:0	00 28/01/2010 00 28/01/2010	1225:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE 1321:00 PARA - BUNGAMA 275KV LINE 17:42:00 PARA - BUNGAMA 275KV LINE	N/A N/A	0.00 0.00 0.00 0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Successful Reclose di Successful Reclose di Reclose di
PARA - BUNGAMA 275KV LINE PARA - BUNGAMA 275KV LINE BERRI - NORTH WEST BEND 132 KV LINE 2 BERRI - NORTH WEST BEND 132 KV LINE 1	Ozage <1 minute Ozage <1 minute Ozage <1 minute	Lightning Lightning	<b>########</b> 11:50:0	00 14/02/2010	11:26:00 BERRI - NORTH WEST BEND 132 KV LINE 2 11:59:00 BERRI - NORTH WEST BEND 132 KV LINE 1	NA NA	0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Successful Reclose de Successful Reclose de
BERRI - NORTH WEST BEND 132 KV LINE 1 BERRI - NORTH WEST BEND 132 KV LINE 1	Dutage < 1 minute Dutage < 1 minute Dutage < 1 minute	Lightning Lightning	######## 12:00:0 ######## 12:12:0	00 14/02/2010		N/A N/A	0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Successful Reclose du Successful Reclose du Successful Reclose du
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DALICIMPLE - WATTLE POINT 132KV LINE	3rd Party - Customer Requested 3rd Party - Customer Requested	3rd Party 3rd Party			1558.00 DALRYMPLE - WATTLE POINT 132KV LINE 16:05:00 DALRYMPLE - WATTLE POINT 132KV LINE	NA NA	0.17	1.2 3rd Party Outages	Customer - AC Customer - AC
DALRYMPLE - WATTLE POINT 132KV LINE DALRYMPLE - WATTLE POINT 132KV LINE HLMMOCKS - WATERLOO 132 KV LINE MINTARO - WATERLOO 132 KV LINE	Protection scheme for a fault at Ardrossen West Outlage <1 minute Outlage <1 minute	Poluton StornWind StornWind	######### 21:04:0 ######### 12:45:0 ######### 14:22:0	00 07/03/2010	16:05:00 DALRYMPLE - WATTLE POINT 132KV LINE 22:48:00 DALRYMPLE - WATTLE POINT 132KV LINE 12:45:00 HUMMOCKS - WATERLOO 132 KV LINE 14:22:00 MINTARO - WATERLOO 132 KV LINE	N/A N/A N/A	1.73 0.00 0.00	1.1 Unregulated Transmission Asset Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Customer - Ad Successful Reclose di Successful Reclose di
REDHILL - CLEMENTS GAP WF 132KV LINE YADNARIE - MT MILLAR 132KV LINE	Failure of communications on protection CVT Replacement at Yadmarie	Communications/Control Instrument TF	******** 00:04:0 ******** 01:16:0	00 13/03/2010 00 14/03/2010	02:08:00 REDHILL - CLEMENTS GAP WF 132KV LINE 10:21:00 YADNARIE - MT MILLAR 132KV LINE	NA NA	2.07 9.08	1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Customer - Paolic Customer - Meridian Ene
MT BARKER - MOBILONG (MBR-HAHN NO.3) ANGAS CREEK - MANNUM 132KV LINE ANGAS CREEK - MANNUM 132KV LINE	Line still supplying pumping stations but open one and Line still supplying pumping stations but open one and Line still supplying pumping stations but open one and	Isolator Maintenance Isolator Maintenance Isolator Maintenance	######### 05:30:0 ######### 05:46:0 ######### 05:36:0	29/03/2010	1458:00 MT BARKER - MOBILONG (MBR-HAHN NO.3) 14(14:00 ANGAS CREEK - MANNUM 132KV LINE 13:54:00 ANGAS CREEK - MANNUM 132KV LINE	M Barker 132/86KV TF2 Anges Creek 132/33/11KV TF2 Anges Creek 132/33/11KV TF2	6.32 5.47 5.30	Transmission asset remained energised but open one end Transmission asset remained energised but open one end Transmission social remained energised for none end	T-off load remained T-off load remained T-off load remained
HEYWOOD - SOUTH EAST 275KV LINE 2 MONASH - NORTH WEST BEND 132KV LINE 1	3rd Party - Customer Requested Outlige <1 minute	3rd Party Storm/Wind	######## 05:33:0 ######## 02:51:0	00 31/03/2010	15:59:00 HEYWOOD - SOUTH EAST 275KV LINE 2	N/A N/A	2.43 0.00	Transmission saset remained energiaid but open one end 1.2.3 dP Party Outages Transient Interruptions lass de none (1) minute Transient Interruptions lass de none (1) minute Winstein Remainder Strategies de lasses de none (2) minute	Customer - SPA Successful Reclose de
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WATERLOO - TEMPLERS 132 KV LINE SOUTH EAST - TAILEM BEND 275 KV LINE 2	Outage <1 minute Outage <1 minute	Storm/Wind Storm/Wind	######## 08:51:0 ######## 02:17:0	00 06/04/2010	05:51:00 WATERLOO - TEMPLERS 132 KV LINE 09:17:00 SOUTH EAST - TAILEM BEND 275 kV LINE 2	NA NA	0.00	Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute	Successful Reclose du Successful Reclose du
ANGAS CREEK - MANNUM 132KV LINE MONASH - NORTH WEST BEND 132KV LINE 2 DAVENPORT - NORTHERN POWER STATION 275 KV LIN	Outage <1 minute Outage <1 minute 2 3rd Party-Outabree Requested	Storm/Wind Lightning 3rd Party	######## 10:04:0 ######## 12:38:0 ######### 08:50:0	00 06/04/2010	10:94:00         ANGAS CREEK - MANNUM 132KV LINE           12:36:00         MONASH - NORTH WEST BEND 132KV LINE 2           11:13:00         DAVENPORT - NORTHERN POWER STATION 275 KV LINE 2	N/A N/A	0.00 0.00 168.24	Transient interruptions less thein one (1) minute Transient interruptions less their one (1) minute 1.2 340 Mint/Outges	Successful Reclose du Successful Reclose du
PELICAN POINT - PELICAN POINT GT12 275 KV LINE	2 Jac Party - Customer Requisited 3rd Party - Customer Requisited 3rd Party - Customer Requisited	3rd Party 3rd Party 3rd Party	<b>FREATORN 05:24:0</b>			NA NA	105.24 433.44 432.48 0.47	1.2 3rd Party Outages	Customer - Internation Customer - Internation
PELICAN POINT - PELICAN POINT ST18 275 KV LINE LADBROKE GROVE - PENOLA WEST 132 KV LINE DALRYMPLE - WATTLE POINT 132 KV LINE TAILEN REPORT, KETH 132 KV LINE 1	Black Batel 3rd Party - Customer Requested Outage - 1 minute	3rd Party 3rd Party Polision	######### 05:40:0 ######### 05:23:0 ######### 05:23:0	00 11/04/2010	071800 ELECANFORT - FELCANFORT 0110112 KUNE 185100 LOBRORE GROEF FELCANFORT 01101112 KUNE 185100 LOBRORE GROEF FELCANFORT 132 KUNE 062300 TALEM END - KETH 132 KUNE 1 062300 TALEM END - KETH 132 KUNE 1 164200 DALEMBER - KETH 132 KUNE 1	NA NA	7.88	1.2 and Party Cottages 1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset Transmission Isset	Customer - Origin E Customer - Vest Successful Reclose due to in
TAILEM BEND - KEITH 132 KV LINE 1 DALRYMPLE - WATTLE POINT 132KV LINE DALRYMPLE - WATTLE POINT 132KV LINE	3rd Party - Customer Requested 3rd Party - Customer Requested	Poluton 3rd Party 3rd Party	########## 05:23:0 ######### 05:29:0 ######### 05:26:0			NA NA	0.00 8.22 8.88	Transition interruptiona less thein one (1) minute 1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Customer - Ves Customer - Ves
REDHLL - CLEMENTS GAP WF 132KV LINE DALRYMPLE - WATTLE POINT 132KV LINE	3rd Party - Customer Requested 3rd Party - Customer Requested Orage < 1 minute	3rd Party 3rd Party Secondary Systems	######### 05:35:0 ######## 05:25:0 ######## 15:05:0	160420410	16:32:00 REDHILL - CLEMENTS GAP WF 132KV LINE 15:41:00 DALRYMPLE - WATTLE POINT 132KV LINE	N/A N/A	7.93	1 1 Unamiliated Transmission Assat	Customer - Pacific Customer - Ves Customer - Pacific
DIALKYWELE - WHITLE POINT 13/WY LINE REDHLL - CLEMENTS GAP WF 132KV LINE BLINGAMA - REDHLL - BRINKWORTH 132KV LINE REDHLL - CLEMENTS GAP WF 132KV LINE BLINGAMA - REDHLL - BRINKWORTH 132KV LINE BLINGAMA - REDHLL - BRINKWORTH 132KV LINE	Dutige < 1 minute Secondary Systems - Protection Fault Secondary Systems - Protection Fault	Secondary Systems Secondary Systems Secondary Systems	######### 16:06:0 ######## 16:06:0 ######### 16:12:0	00 18042010 00 18042010 00 18042010	16/06/00 REDHILL - CLEMENTS GAP WF 132KV LINE 16/15/00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE 16/12/00 REDHILL - CLEMENTS GAP WF 132KV LINE	NA NA NA	0.00 0.15 0.00 0.05 1.00	1.1 Unregulated Transmission Asset     1.1 Unregulated Transmission Asset     Transmission asset     Transmission asset Transmission Asset     1.1 Unregulated Transmission Asset	Customer - Pacific T-off load remained : Customer - Pacific
	Secondary Systems - Protection Fault Secondary Systems - Protection Fault	Secondary Systems Secondary Systems	######## 16:12:0 ######## 16:26:0	00 18/04/2010 00 18/04/2010	16:15:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE 18:14:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	N/A N/A		1.1 Unregulated Transmission Asset     Transmission asset     Transmission asset nemained energised but open one end     Transmission asset remained energised but open one end	T-off load remained T-off load remained
REDHILL - CLEMENTS GAP WF 132KV LINE BUNGAMA - REDHILL - BRINKWORTH 132KV LINE REDHILL - CLEMENTS GAP WF 132KV LINE	Sacordary Systems - Protection Fault Sacordary Systems - Protection Fault Sacordary Systems - Protection Fault	Secondary Systems Secondary Systems Secondary Systems	######### 16:26:0 ######### 18:15:0 ######### 00:14:0	00 18/04/2010 00 18/04/2010 00 19/04/2010	22:48:00 REDHILL - CLEMENTS GAP WF 132KV LINE 22:21:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE 19:33:00 REDHILL - CLEMENTS GAP WF 132KV LINE	N/A N/A N/A	6.37 4.10 19.32	1.1 Unsegulated Transmission Asset Transmission asset remained energised but open one end 1.1 Unsegulated Transmission Asset	Customer - Pacific T-off load remained Customer - Pacific
WATERLOO - ROBERTSTOWN NO 1 132KV LINE DAVENPORT - BUNGAMA 275KV LINE	Outage < 1 minute Outage < 1 minute	Storm/Wind Storm/Wind	######## 14:40:0 ######## 14:51:0	00 20/04/2010 00 20/04/2010	14:49:00 WATERLOO - ROBERTSTOWN NO 1 132KV LINE 14:51:00 DAVENPORT - BUNGAMA 275KV LINE	NA NA	0.00	Transient interruptions less then one (1) minute Transient interruptions less then one (1) minute	Successful Reclose de Successful Reclose de
MINTARO - WATERLOO 132 KV LINE BUNGAMA - REDHILL - BRINKWORTH 132KV LINE WATERLOO - TEMPLERS 132 KV LINE	Outage <1 minute Outage <1 minute Outage <1 minute	Stom/Wind Stom/Wind Stom/Wind	######## 15:07:0 ######## 15:56:0 ######## 16:01:0	and the second second	15:07:00 MINTARO - WATERLOO 132 kV LINE 15:56:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	N/A N/A	0.00	Transient interruptiona less then one (1) minute Transient interruptiona less then one (1) minute	Successful Reclose di Successful Reclose di Reclose di
HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE PARA - BUNGAMA 275KV LINE	Outage < 1 minute Outage < 1 minute	Storm/Wind Storm/Wind	######## 16:10:0 ######## 16:20:0	00 20/04/2010 00 20/04/2010 00 20/04/2010	155000 BORAWA REPUIL BRINKWORT 113AY LINE 161000 WATERIO TEMERSI SI XY LINE 161000 HAMOCKS - SKONTOWN - BINARAMA 132KV LINE 162000 PARA - BUNDAMA 275KV LINE 262000 PARA - BUNDAMA 275KV LINE 210000 SLEAFORD - PORT LINCOLM 132KV LINE 210000 SLEAFORD - PORT LINCOLM 132KV LINE	NA NA	0.00	Transart exemptions has hard on (1) mean Transart exemptions has hard one (1) mean 1.1 Languistant Transmission Asia 1.2 Junguistant Transmission Asia 1.2 Junguistant Transmission Asia	Successful Reclose de Successful Reclose de
YADNARIE - MT MILLAR 132KV LINE SLEAFORD - PORT LINCOLN 132KV LINE	Line Trip due to storm Line Trip due to storm	Storm/Wind Storm/Wind	######## 20.41.0 ######## 20.58.0	00 20/04/2010	2042-00 YADNARIE - MT MILLAR 132KV LINE 21:00:00 SLEAFORD - PORT LINCOLN 132KV LINE	N/A N/A	0.02	1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Customer - Meridian Ene Customer - Roaring 40s Re
DORRIEN - TEMPLERS 132 KV LINE DAVENPORT - NORTHERN POWER STATION 275 KV LIN MT BARKER - MOBILONG 132KV LINE	Srd Party-Customer Negasited 2 3rd Party-Customer Trip Outige <1 minute	3rd Party Customer Equipment Trip Pollution on insulators	######### 05:28:0 ######## 14:36:0 ######## 20:19:0	00 05/05/2010	0839300 DORRIEN - TEMPLERS 132 KV LINE 1634300 DAVENPORT - NORTHERN POWER STATION 275 KV LINE 2 2019300 MT BARKER - MOBILONG 132KV LINE	NA NA NA	0.18 1.97 0.00	1.2 Stel Party Outages 1.2 Stel Party Outages Transient informptions less lies one (1) minute	Customer - El Customer - Alinta B Successiful Reclose dus
SNJGGERY - MAYURRA 132KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 152KV LINE HUMMOCKS - SOWTOWN - BUNGAMA 152KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 152KV LINE	Protection setting incorrect Outlige < 1 minute	Design/Construction Storm/Wind	********* 05:53:0 ******** 18:27:0 ******** 18:30:0 ******** 18:30:0	00 12/05/2010 00 24/05/2010	10:30:00 SNUGGERY- MAYURA 132KV LINE 18:27:00 HUMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 18:30:00 HUMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 18:35:00 HUMNOCKS - SNOWTOWN - BUNGAMA 132KV LINE	N/A N/A	1.53	1.1 Unregulated Transmission Asset Transient intemptions less then one (1) minute	Customer - Infigen Successful Reclose da
HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMMOCKS - WATERLOO 132 KV LINE	Outage < 1 minute Outage < 1 minute Outage < 1 minute	StornWind StornWind StornWind	######### 18:30:0 ######### 18:35:0 ######### 18:42:0	00 2405/2010 00 2405/2010 00 2405/2010	1830:00 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 1835:00 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 1842:00 HUMMOCKS - WATERLOO 132 KV LINE	N/A N/A N/A	0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Successful Reclose de Successful Reclose de Successful Reclose de
PARA - BUNGAMA 275KV LINE MOKOTA - HALLETT HILL WF 275KV LINE	Outage < 1 minute 3rd Party - Customer Requested	Storm/Wind 3rd Party	######## 19:22:0 ######## 05:02:0	00 2405/2010 00 26/05/2010	19:22:00 PARA - BUNGAMA 275KV LINE 17:45:00 MOKOTA - HALLETT HILL WF 275KV LINE	NA. NA	0.00	Transient interruptions less than one (1) minute 1.1 Unregulated Transmission Asset	Successful Reclose de Customer - AGL Ener
MANNUM - MANNUM ADELAIDE PS 132 KV LINE 1 DAVENPORT - LEIGH CREEK 132KV LINE EAST TERRACE - MAGILL 275 KV LINE	Outage < 1 minute 3rd Party - Customer Trip Trinsformer Trip	Birds/Animals 3rd Party Sub Primary Plant	######### 02:22:0 ######### 07:45:0 ######### 22:28:0	00 07/06/2010 00 17/06/2010 00 28/08/2010	0922.00 MANNUM - MANNUM ADELAIDE PS 132 KV LINE 1 0838.00 DAVENPORT - LEIGH CREEK 132KV LINE 2051.00 FAST TERRACE - MAGEL 275 KV LINE	N/A N/A East Terrace 275kV TF 9	0.00 0.88 -0.134% 1270.38 Li	Transient interruptions less than one (1) minute 1.2 3rd Party Outages is available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be re-exercised at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 2228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant the available to be remained at 228 on 06/07/2010 howave or the to subtract control (orans) fire remained de anominant	Successful Reclose due to Customer Alinte 33kV fault cle Voltage Contr
OLYMPIC DAM NORTH - PIMBA 132 KV LINE	Dutage < 1 minute 3rd Party - Cutatorner Trip Dutage < 1 minute	3rd Party 3rd Party	######### 00:38:0 ######### 05:53:0 ######### 07:57:0	00.040820010	20:51:00 EAST TERRACE - MAGILL 275 KV LINE 00:38:00 OLYMPIC DAM NORTH - PIMBA 132 KV LINE 12:33:00 BELALIE - NORTH BROWN HLL WINDFARM 275KV LINE	NA NA	0.00 30.67	a available to be re-energised at 2228 on 86/7/2010 however due to voltage control issues line remained de-energise 1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Customer - WI
BELALE - NORTH BROWN HILL WINDFARM 275KV LINE BUNGAMA - REDHILL - BRINKWORTH 32KV LINE HUMNOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMNOCKS - SNOWTOWN - BUNGAMA 132KV LINE	Outage < 1 minute	Lightning Storm/Wind	<b>FREAKARA</b> 02:45:0	00 03/09/2010	DELBRO DELBRI ORDINERTITY JUNE TAIN EINE     TISSOB BELALE - NORTH BROWN HELL WINDFARM 225KV LINE     075700 BUNGAMA - REDHIL - BRINKWORTH 132KV LINE     074500 BUNGAMA - REDHIL - BRINKWORTH 132KV LINE     074500 BUNGACS - SNOVITOWN - BUNGAMA 132KV LINE     07400 HUMMOCKS - SNOVITOWN - BUNGAMA 132KV LINE     10100 HUMMOCKS - SNOVITOWN - BUNGAMA 132KV LINE	NA NA	0.00	Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute Transient interruptions less their one on (1) minute	Successful Reclose due to Successful Reclose
HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMMOCKS - WATERLOO 132 KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE PLEASED, DOPT UNCOM 132KV LINE	Outage <1 minute Outage <1 minute Outage <1 minute	Lightning StormWind	######### 00:50:0 ######## 10:10:0 ######## 10:47:0		10:10:00 HUMOCKS - SIOW OWN - BUNGMAR 12/KV LINE 10:10:00 HUMOCKS - WATERLOO 132 KV LINE 10:47:00 HUMOCKS - SNOWTOWN - BUNGMAR 132KV LINE	NA NA	0.00	Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute Transient interruptions less their one (1) minute	Successful Reclose due I Successful Reclose due Successful Reclose due I
HUMMOCKS - KADINA EAST 132KV LINE	Trip due to storm/Wind Outlege < 1 minute	Storm/Wind Lightning	######## 11:58:0 ######## 12:02:0	00 03/09/2010	12:29:00 SLEAFORD - PORT LINCOLN 132KV LINE 12:02:00 HUMMOCKS - KADINA EAST 132KV LINE	N/A N/A	0.55	1.1 Unregulated Transmission Asset Transient interruptions less then one (1) minute	Stom/Wind Successful Reclose due
HUMMOCKS - WATERLOO 132 KV LINE DALRYMPLE - WATTLE POINT 132KV LINE WATERLOO - TEMPLERS 132 KV LINE	Outage < 1 minute Trip due to Lightning Outage < 1 minute	Lightning Lightning StormWind	######### 13:50:0 ######## 13:50:0 ######### 14:00:0	00 03/09/2010	13:50:00 HUMMOCKS - WATERLOO 132 KV LINE 14:05:00 DALRYMPLE - WATTLE POINT 132KV LINE 14:00:00 WATERLOO - TEMPLERS 132 KV LINE	NA NA NA	0.00 0.25 0.00	Transienin interruptiona lass them one (1) minute 1.1 Unregulated Transmission Assat Transient interruptions lass tilber one (1) minute	Successful Reclose due Lightning Successful Reclose due 1
MINTARO - WATERLOO 132 kV LINE ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1	Outage <1 minute Outage <1 minute	Lightning Storm/Wind	######## 14:03:0 ######## 15:17:0	00 03/09/2010	14:03:00 MINTARO - WATERLOO 132 kV LINE 15:17:00 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1	N/A N/A	0.00	Transient intemptions less then one (1) minute Transient interruptions less then one (1) minute	Successful Reclose due Successful Reclose due I
BERRI - NORTH WEST BEND 132 KV LINE 1 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE	Oztage < 1 minute Oztage < 1 minute Oztage < 1 minute	Storn-Wind Storn-Wind Storn-Wind	######### 15:20:0 ######### 03:58:0 ######### 04:01:0	00 03/09/2010	1520.00 BERRI - NORTH WEST BEND 132 KV LINE 1 0358.00 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 04.01.00 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE	NA NA NA	0.00	Transier strengtions lass than one (1) minute Transier strengtions lass than one (1) minute Transiers strengtions lass than one (1) minute	Successful Reclose due Successful Reclose due Successful Reclose due 1
HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE PARA - BUNGAMA 273KV LINE BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE BLANCHE - SNUGGERY 132 KV LINE	Outlage <1 minute 3rd Party - Customer Requested	Lightning 3rd Party	######### 04:01:0 ######### 04:22:0 ######### 12:30:0	00 09/09/2010	152000 (BEND: - NORTH WEST BEND T32 VUILE 1 055800 FHAMOCKS - SNOUTOWN - BUNGAMA 132VU LINE 049100 FHAMOCKS - SNOUTOWN - BUNGAMA 132VU LINE 042200 PARA - BUNGAMA 275KV LINE 151700 BELANCHE - SNUBGERY 132 KV LINE 042200 BLANCHE - SNUBGERY 132 KV LINE 1 042200 BLANCHE - SNUBGERY 132 KV LINE 1 042200 BLANCHE - SNUBGERY 132 KV LINE 1	NA NA	0.00	1.1 Unregulated Transmission Asset	Successful Reclose due Customer - AGL Ener
HEYWOOD - SOUTH EAST 275KV LINE 2	Outage < 1 minute 3rd Party - Customer Requested 1 3rd Party - Customer Requested	Design/Construction 3rd Party 3rd Party	######### 04:42:0 ######### 05:41:0 ######### 02:43:0	00 30/09/2010 00 04/10/2010 00 06/10/2010		NA NA NA	0.00 4.47 3.68	Transient interruptions lisss then one (1) minute 1.2 3rd Party Cutages 1.2 3rd Party Cutages	Customer - SPA
LADBROKE GROVE - PENOLA WEST 132 KV LINE PELICAN POINT - PELICAN POINT ST18 275 KV LINE	3rd Party - Customer Requested 3rd Party - Customer Requested	3rd Party 3rd Party	######## 15:34:0 ######## 06:18:0	00 17/10/2010	08:35:00 LADBROKE GROVE - PENOLA WEST 132 KV LINE 17:52:00 PELICAN POINT - PELICAN POINT ST18 275 KV LINE	N/A N/A	6.98 11.57	1.2.3rd Party Outages 1.1 Unregulated Transmission Asset	Customer - Origin Customer - Internation
MONASH - BERRI 68KV LINE PLAYFORD - NORTHERN POWER STATION 132 KV LINE DAVENPORT - PLAYFORD A HOUSE 132KV LINE	2rd Party - Customer Requested 3rd Party - Customer Requested 3rd Party - Customer Requested	3rd Party 3rd Party 3rd Party	######### 14:23:0 ######## 16:23:0 ######### 16:31:0	00 06/11/2010	11:42:00 MONASH - BERRI 66KV LINE 16:40:00 PLAYFORD - NORTHERN POWER STATION 132 KV LINE 16:40:00 DAVENPORT - PLAYFORD A HOUSE 132KV LINE	NA NA NA	2.77 0.18 0.15	1.2 Srd Party Cotages 1.1 Unregulated Transmission Asset 1.2 Srd Party Cotages 1.2 Srd Party Cotages	Customer - ETSA Customer - Alinta Customer - Alinta
TAILEM BEND - KEITH 132 KV LINE 1 DAVENPORT - OLYMPIC DAM WEST 275 KV LINE	Outage < 1 minute 3rd Party - Customer Requisited	Overhead lines/cables 3rd Party	NAVAVAVA 21:58:0 NAVAVAVA 05:05:0	00 10/11/2010 00 12/11/2010	2158.00 TAILEM BEND - KEITH 132 KV LINE 1 17:51:00 DAVENPORT - OLYMPIC DAM WEST 275 KV LINE	NA NA	0.00	Transient interruptions less than one (1) minute 1.1 Unregulated Transmission Asset	Successful Reclose due to Customer - BHP 8
EAST TERRACE - MAGILL 275 KV LINE DAVENPORT - NORTHERN POWER STATION 275 KV LIN DAVENPORT - NORTHERN POWER STATION 275 KV LIN	3rd Party - Customer Requested 1 3rd Party - Customer Requested 1 3rd Party - Customer Requested	3rd Party 3rd Party 3rd Party	######### 21:51:0 ######### 23:02:0 ######### 01:08:0	00 04/12/2010	0456:00 EAST TERRACE - MAGILL 275 KV LINE 23:27:00 DAVENPORT - NORTHERN POWER STATION 275 KV LINE 1 01:41:00 DAVENPORT - NORTHERN POWER STATION 275 KV LINE 1	NA NA NA	7.08 0.42 0.55	1.2 3rd Party Outages 1.2 3rd Party Outages 1.2 3rd Party Outages	Customer - ETSA I Customer - Alinta E Customer - Alinta E
	Jan Party - Customer Requested     Outage < 1 minute     Outage < 1 minute	Storn-Wind Storn-Wind	######################################	00 05/12/2010	1437:00 PARA - BUNGAMA 275KV LINE 1437:00 PARA - BUNGAMA 275KV LINE 15:0010 MNTARO - WATERLOO 132 kV LINE 22:03:00 DAVENPORT - OLYMPIC DAM WEST 275 KV LINE	NA NA	0.00	Transient interruptions (ass than one (1) minute Transient interruptions (ass than one (1) minute 1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Successful Reciose due t Successful Reciose due t
MINTARO - BUNBARM 273 V LINE MINTARO - WATERLOO 132 AV LINE DAVENPORT - OLYMPIC DAM WEST 275 KV LINE YADNARIE - MT MILLAR 132KV LINE ARDROSSAN WEST - DALRYMPIC 132 KV LINE ARDROSSAN WEST - DALRYMPIC 132 KV LINE	3rd Party - Customer Requested Trip due to Secondary Systems	3rd Party Secondary Systems	######## 12:11:0 ######## 12:28:0	00 06/12/2010	22:03:00 DAVENPORT - OLYMPIC DAM WEST 275 KV LINE 14:26:00 YADNARIE - MT MILLAR 13:2KV LINE 13:25:00 ARDROSSAN WEST - DALRYMPLE 12:2 KV LINE 0:00000 DALRYMPLE 12:2 KV LINE	N/A N/A	0.00 0.00 2.87 1.97 0.00 0.00		Customer - Wi Customer - Meridian Ener
	Outage <1 minute Outage <1 minute Outage <1 minute	StornWind StornWind StornWind	######### 13:30:0 ######### 14:42:0	00 07/12/2010		NA NA	0.00	1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset	Successful Reclose due t Successful Reclose due t Successful Reclose due t
ARDROSSAN WEST - DALRYMPLE 132 KV LINE HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE ARDROSSAN WEST - DALRYMPLE 132 KV LINE	Outage < 1 minute 3rd Party equipment	Storm/Wind 3rd Party	RAVAVAVA 15:01:0 RAVAVAVA 15:11:0	00 07/12/2010	14/42:00 ARDROSSAN WEST - DALRYMPLE 132 KV LINE 15:01:00 HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE 17:07:00 ARDROSSAN WEST - DALRYMPLE 132 KV LINE 17:07:00 ARDROSSAN WEST - DALRYMPLE 132 KV LINE	N/A N/A	0.00	Transient interruptions less than one (1) minute 1.1 Unregulated Transmission Asset	Successful Reclose due t Customer - ETSA I
HUMMOCKS - WATERLOO 132 KV LINE BUNGAMA - REDHILL - BRINKWORTH 132KV LINE REDHILL - CLEMENTS GAP WF 132KV LINE	Outage <1 minute Outage <1 minute Outage <1 minute	Stom/Wind Stom/Wind Stom/Wind	######### 15:21:0 ######## 17:04:0 ######### 17:04:0	00 07/12/2010	1521:00 HUM/OCKS - WATERLOO 132 KV LINE 17:94:00 BUNGAMA - REDHILL - BRINKWORTH 132KV LINE 17:94:00 REDHILL - CLEMENTS GAP WF 132KV LINE	NA NA NA	0.00	Transient interruptions less thein one (1) minute Transient interruptions less their one (1) minute 1.1 Unreguland Transmission Asset	Successful Reclose due I Successful Reclose due I Successful Reclose due I
WATERLOO - TEMPLERS 132 KV LINE WATERLOO - TEMPLERS 132 KV LINE	Outage < 1 minute Outage < 1 minute	Storn-Wind Storn-Wind	******** 17:08:0 ********	00 07/12/2010	17:08:00 WATERLOO - TEMPLERS 132 KV LINE 17:14:00 WATERLOO - TEMPLERS 132 KV LINE 17:20:00 PARA - ROSEWORTHY 132KV LINE	N/A N/A	0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute	Successful Reclose due t Successful Reclose due t
PARA - ROSEWORTHY 132KV LINE TAILEM BEND - KEITH 132 KV LINE 2 BERBI - NORTH WEST BEND 132 KV LINE 1	Oztege < 1 minute Oztege < 1 minute Oztege < 1 minute	StornWind StornWind StornWind	######### 17:20:0 ######### 17:50:0 ######### 18:10:0	00 07/12/2010		NA NA NA	0.00	Transient interruptions lass than one (1) ninzue Transient interruptions lass than one (1) ninzue Transient interruptions lass than one (1) ninzue Transient interruptions lass than one (1) ninzue 1.1.1 literature transmission lasset	Successful Reclose due Successful Reclose due Successful Reclose due 1
BERRI-NORTH WEST BEND 132 KV LINE 1 BERRI-NORTH WEST BEND 132 KV LINE 1 BLINDAMA - REDHILL - BRINKWORTH 132KV LINE REDHILL - CLEMENTS GAP WF 132KV LINE ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1	Outage <1 minute Outage <1 minute	StomWind StomWind	######### 10:51:0 ######## 10:51:0	00 07/12/2010	1732/00 TAILEM BEN - KETTH 132 AV LINE 2 181300 BERN - NORTH WEST BEN 1325 KV LINE 1 195100 BUNGAMA - REDHLL - BRINKWORTH 132KV LINE 195100 REDHLL - CLEMENTS GAP WF 132KV LINE 211700 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1	NA NA	0.00	Transient rearruptions asso that one (1) minute Transient rearruptions lasso that one (1) minute 1.1 Unregulated Transmission Asset	Successful Reclose due Successful Reclose due t
ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1 BERRI - NORTH WEST BEND 132 KV LINE 2 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	Outage <1 minute Outage <1 minute Outage <1 minute Outage <1 minute	Storn-Wind Storn-Wind Storn-Mind	severe 21:17:0     severe 21:17:0     severe 21:21:0     severe 21:26:0     severe 21:26:0     severe 21:54:0     severe 21:54:0	00 07/12/2010	2117.00 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1 21.21.00 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1 21.20.00 BERN - NORTH WEST BEND 132 KV LINE 2 21.54.00 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	NA NA	0.00	Transient interruptions less than one (1) minute Transient interruptions less than one (1) minute Transient interruption less than one (1) minute	Successful Reclose due I Successful Reclose due I Successful Reclose due I
BERRI - NORTH WEST BEND 132 KV LINE 2 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2 BERRI - NORTH WEST BEND 132 KV LINE 2	Outige <1 minute Outige <1 minute Outige <1 minute	StornWind StornWind StornWind	######### 21:25:0 ######### 21:54:0 ######### 22:24:0	00 07/12/2010 00 07/12/2010	2128:00 BERRI - NORTH WEST BEND 132 KV LINE 2 2154:00 ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2 22:24:00 BERRI - NORTH WEST BEND 132 KV LINE 2	NA NA	0.00	Transient rhämptons less than one (1) minute Transient hämptons less than one (1) minute Transient hämptons less than one (1) minute	Successful Reclose due s Successful Reclose due s Successful Reclose due s
BERRI - NORTH WEST BEND 132 KV LINE 1 DALRYMPLE - WATTLE POINT 132KV LINE	Outage < 1 minute Srd Party - Cuatomer Requested	Storm/Wind 3rd Party	******** 01:37:0 ********	00 08/12/2010	01:37:00 BERRI - NORTH WEST BEND 132 KV LINE 1 10:34:00 DALRYMPLE - WATTLE POINT 132KV LINE	N/A N/A	0.00 95.28	Transient interruptiona less than one (1) minute 1.1 Unregulated Transmission Asset	Successful Reclose due Customer - Ver
DALRYMPLE - WATTLE POINT 132KV LINE REDHLL - CLEMENTS GAP WF 132KV LINE Playford Relocation Project (85007)	3rd Party-Castomer Regusted Trip due to loss of Communications/Control Connect new bus and protection modifications	3rd Party Communications/Control Playford Relocation Project (85007)	######### 12:54:0 ######### 07:33:0 ######### 13:43:0	24/12/2010	1322:00 DALRYMPLE - WATTLE POINT 132KV LINE     0828:00 REDHILL - CLEMENTS GAP WF 132KV LINE     11:12:00 DAVENPORT - CULTANA 275 KV LINE	N/A N/A N/A	6.53 0.92 -0.170% 93.48	1.1 Unregulated Transmission Asset 1.1 Unregulated Transmission Asset 1.5 Opped Oxtografs	Customer - Vest Loss of Communication Capped appregrate outage dr
Playford Relocation Project (85007)	Move Playford - Leigh Creek 132kV line to new Davenport exit	Playford Relocation Project (85007)	######## 3.20:0 ######## 3.24:0	11/04/2010	17:45:00 DAVENPORT - LEIGH CREEK 132KV LINE 17:45:00 LEIGH CREEK - PLAYFORD 132 KV LINE	NA	14.42	1.5 Capped Outages 1.5 Capped Outages	Capped apprepties outage of Capped apprepties outage of Capped apprepties outage of

	rd Relocation Project (85007)	laolate new line to install conductors	Playford Relocation Project (85007)	######## 8-03-00 12/04/201	0 09:20:00 DAVENPORT - PIMBA 132KV LINE	NA	1.28	1.5 Cacoad Outages	Capped aggregrate outage duration to 336hr
			Playford Relocation Project (\$5007) Playford Relocation Project (\$5007)		10 1652:00 DAVENPORT - PINEA 152KV LINE 1	N/A	1.20		
	rd Relocation Project (85007)	Clearance to remove old Leigh Creek 132kV line		######### 7:45:00 14/04/201 ######### 4:17:00 02/05/201				1.5 Capped Outages	Capped appregrate outage duration to 338hr
	rd Relocation Project (85007)	Transfer line conductors and commissioning tests	Playford Relocation Project (85007)		10 18/26/00 PIMBA - WOOMERA 132 KV LINE 10 18/22/00 PIMBA - PLAYEORD/MOLINE GLINSON 132 KV LINE	NA	14.15	1.5 Capped Outages	Capped aggregrate outage duration to 336hr
	rd Relocation Project (85007)	Transfer line conductors and commissioning tests	Playford Relocation Project (85007)			NA	14.02	1.5 Capped Outages	Capped apprepriate outsige duration to 338hr
	rd Relocation Project (85007)	Transfer line conductors and commissioning tests	Playford Relocation Project (85007)		10 17:22:00 DAVENPORT - PIMBA 132KV LINE	NA	12.95	1.5 Capped Outages	Capped apprepriate outsige duration to 338hr
	rd Relocation Project (85007)	Remove ex Playford - Pimba 132kV line conductors	Playford Relocation Project (85007)		15:26:00 DAVENPORT - WHYALLA 1 132KV LINE	NA	1.78	1.5 Capped Outages	Capped aggregrate outage duration to 336hr
	rd Relocation Project (85007)	Remove ex Playford - Pimba 132kV line conductors	Playford Relocation Project (85007)		15:26:00 DAVENPORT - WHYALLA 2 132KV LINE	NA	1.78	1.5 Capped Outages	Capped aggregrate outage duration to 336hr
	rd Relocation Project (85007)	Remove ex Playford - Pimba 132kV line conductors	Playford Relocation Project (85007)		10 15/26/00 LEIGH CREEK - PLAYFORD 132 KV LINE	NA	1.78	1.5 Capped Outages	Capped apgregrate outage duration to 338hr
	rd Relocation Project (85007)	Remove ex Playford - Pimba 132kV line conductors	Playford Relocation Project (85007)		15:26:00 PIMBA - PLAYFORD/MOUNT GUNSON 132 KV LINE	NA	1.78	1.5 Capped Outages	Capped apprepriate outsige duration to 338hr
	rd Relocation Project (85007)	Communication and commissioning test	Playford Relocation Project (85007)		10 10:16:00 PIMBA - WOOMERA 132 KV LINE	NA	6.22	1.5 Capped Outages	Capped apgregrate outage duration to 338hr
	rd Relocation Project (85007)	Communication and commissioning test	Playford Relocation Project (85007)		10 10:13:00 DAVENPORT - PIMBA 132KV LINE	NA	6.13	1.5 Capped Outages	Capped apgregrate outage duration to 338hr
	rd Relocation Project (85007)	Reatring line exit out of Playford and reconfigure protection for bypass	Playford Relocation Project (85007)		10 14:48:00 PLAYFORD - WHYALLA TERMINAL 132 KV LINE 1	NA	342.97	1.5 Capped Outages	Capped apgregrate outage duration to 338hr
	rd Relocation Project (85007)	Reatring line exit out of Playford and reconfigure protection for bypass	Playford Relocation Project (85007)		10 11:39:00 PLAYFORD - WHYALLA TERMINAL 132 KV LINE 2	NA	339.82	1.5 Capped Outages	Capped apgregrate outage duration to 338hr
	rd Relocation Project (85007)	Remove redundant conductors and towers	Playford Relocation Project (85007)		0 09:37:00 LEIGH CREEK - PLAYFORD 132 KV LINE	NA	1.50	1.5 Capped Outages	Capped appregrate outage duration to 336hr
	rd Relocation Project (85007)	Remove redundant conductors and towers	Playford Relocation Project (85007)		0 09:37:00 PIMBA - PLAYFORD/MOUNT GUNSON 132 KV LINE	NA	1.50	1.5 Capped Outages	Capped appregrate outage duration to 336hr
Playford	rd Relocation Project (85007)	Change protection relay firmware and fully retest including SCADA and end to end	Playford Relocation Project (85007)	######## 9:30:00 07/09/201	13/28:00 DAVENPORT - WHYALLA 1 132KV LINE	NIA	27.97	1.5 Capped Outages	Capped aggregrate outage duration to 336hr
Playford	rd Relocation Project (85007)	Removal of redundant equipment	Playford Relocation Project (85007)	######## 8:39:00 26/09/201	10 18:15:00 DAVENPORT - PLAYFORD A HOUSE 132KV LINE	NA	129.60	1.5 Capped Outages	Capped aggregrate outage duration to 338hr
Playford	rd Relocation Project (85007)	Removal of redundant equipment	Playford Relocation Project (85007)	######## 8:08:00 18/10/201	0 08:05:00 DAVENPORT - PLAYFORD A HOUSE 132KV LINE	NIA	503.95	1.5 Capped Outages	Capped appregrate outage duration to 338hr
Playford	rd Relocation Project (85007)	Removal of redundant equipment	Playford Relocation Project (85007)	######## 8:05:00 01/11/201	10 13:14:00 DAVENPORT - PLAYFORD A HOUSE 132KV LINE	NIA	341.15	1.5 Capped Outages	Capped appregrate outage duration to 338hr
Playford	rd Relocation Project (85007)	Removal of redundant equipment	Playford Relocation Project (85007)	######## 12:42:00 29/11/201	18:43:00 DAVENPORT - PLAYFORD A HOUSE 132KV LINE	N/A	6.02	1.5 Capped Outages	Capped appregrate outage duration to 338hr
Clare N	North New 132 33kV Substation (10370)	Clearance to install control building	Clare North New 132 33kV Substation (10370)	######## 8:19:00 20/04/201	10 12:41:00 MINTARO - WATERLOO 132 kV LINE	N/A	-0.058% 4.37	1.5 Capped Outages	Capped appregrate outage duration to 338hr
Clare N	North New 132 33kV Substation (10370)	Installation of new protection	Clare North New 132 33kV Substation (10370)	######## 8:03:00 10/09/201	16:02:00 BRINKWORTH - MINTARO 132 kV LINE	NA	679.98	1.5 Cacoad Outages	Capped aggregrate outage duration to 338h
Clare N	North New 132 33kV Substation (10370)	Protection Trip tests	Clare North New 132 33kV Substation (10370)	severere 9.52:00 01/09/201	10 17:51:00 MINTARO - WATERLOO 132 kV LINE	NA	7.98	1.5 Cacoad Outages	Capped appregrate outage duration to 3388
Clare N	North New 132 33kV Substation (10370)	Test new protection and remove old protection	Clare North New 132 33kV Substation (10370)	severere 8:53:00 07/12/201	14:48:00 BRINKWORTH - MINTARO 132 kV LINE	NA	173.92	1.5 Cacoad Outages	Capped apprepriate outage duration to 336H
Clare N	North New 132 33kV Substation (10370)	National Grid Metering Calibration	Clare North New 132 33kV Substation (10370)	######## 9:13:00 11/12/201	17:45:00 CLARE NORTH - MINTARO 132KV LINE	NA	8.53	1.5 Cacoed Outspes	Capped apprepriate outside duration to 338h
Clare N	North New 132 33kV Substation (10370)	National Grid Metering Calibration	Clare North New 132 33kV Substation (10370)	severere 9:14:00 11/12/201	10 17:45:00 CLARE NORTH - BRINKWORTH 132KV LINE	N/A	8.52	1.5 Cacoud Outages	Capped apprepriate outside duration to 338h
Waterlo	log W/F Connection (10898)	Line and protection work for wind farm connection	Waterlop W/F Connection (10898)	######## 8:30:00 11/08/201	12:53:00 MORGAN WHYALLA PS 4 - WATERLOO 132 KV LINE	N/A	-0.073% 532.38	3rd Paty Connection	Non Regulated Third Party Access regulat
Waterlo	top W/F Connection (10898)	Line and protection work for wind farm connection	Waterlop W/F Connection (10898)	######## 8:30:00 20/07/201	0 14:08:00 ROBERTSTOWN - MORGAN WHYALLA PS4 132 KV LINE	N/A	5.63	3rd Paty Connection	Non Regulated Third Party Access reguest
Waterlo	log W/F Connection (10898)	Line and protection work for wind farm connection	Waterlop W/F Connection (10898)	######## 10:16:00 12/08/201	12:47:00 ROBERTSTOWN - MORGAN WHYALLA PS4 132 KV LINE	NA	146.52	3rd Paty Connection	Non Regulated Third Party Access regulation
Waterfor	log W/F Connection (10898)	Line and protection work for wind farm connection	Waterlop W/F Connection (10898)	######## 8-14-00 12/08/201	12:47:00 WATERLOO FAST - ROBERTSTOWN 132KV LINE	NIA	4.55	3rd Paty Connection	Non Regulated Third Party Access regula
South F	East Dual Path Telecommunications (11216)	Replace existing Earth Wire	South East Dual Path Telecommunications (11216)	######## 6:32:00 14/10/201	16/20:00 TAILEMBEND - KEITH 132 KV LINE 2	NIA	-0.029% 273.50	1.5 Cacoad Outages	Capped apprepriate outside duration to 336
	East Dual Path Telecommunications (11216)	Replace existing Earth Wire	South East Dual Path Telecommunications (11216)	sevenese 7-08-00 19/10/201	11-59-00 TAILEMBEND - KEITH 132 KV LINE 2	N/A	0.00	1.5 Capped Outages	Capped apgregrate outage duration to 336
	pine Ranpe (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)	seseses 9-01-00 01/12/201	18-13:00 BELALLE - DAVENPORT 275KV LINE	N/A	-0.019% 33.20	3rd Party Connection	Non Regulated Third Party Access regula
	pine Ranpe (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)		18-13:00 BELALLE - MOKOTA 275KV LINE	N/A	33.18	3rd Paty Connection	Non Regulated Third Party Access regue:
	pine Ranpe (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)		14:47:00 BELALLE - DAVENPORT 275KV LINE	N/A	56.78	3rd Paty Connection	Non Regulated Third Party Access regul
	pine Range (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)		10 14/47:00 BELALIE - MOKOTA 275KV LINE	N/A	54.40	3rd Party Connection	Non Regulated Third Party Access regulated
Furcian	And rough (The bian) (This Family Connecton (49024)	Portugene rulege er nur all contractori	Porceptie realize (The user) Hitto Faill Comecauti (Hoson)	023.00 1312201	IT THAT DO DE DE DE LE THE THE THE	165	5440	and Plany Contactor	Horriseguades third Party Access inquis
Porcuri	pine Range (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)	ARRANGE 9.01.00 02/12/201	0 18:13:00 BELALIE - DAVENPORT 275KV LINE	NA	-0.098% 21.20	3rd Party Connection	Non Regulated Third Party Access regulation
	pine Range (The Bluff) Wind Farm Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40824)		10 18:13:00 BELALIE - MOKOTA 275KV LINE	N/A	2118	3rd Party Connection	Non Regulated Third Party Access regulated
cuit	pine Pange (The Bluff) Wind Fam Connection (40824) pine Range (The Bluff) Wind Fam Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40524) Porcupine Range (The Bluff) Wind Farm Connection (40524)		10 17:10:00 BELALIE - MOKOTA 275KV LINE	N/A	21.10	3rd Paty Connection 3rd Paty Connection	Non Regulated Third Party Access regulated Non Regulated Third Party Access regulated
	pine Pange (The Bluff) Wind Fam Connection (40824) pine Range (The Bluff) Wind Fam Connection (40824)	Porcupine Range Wind Farm Connection	Porcupine Range (The Bluff) Wind Farm Connection (40524) Porcupine Range (The Bluff) Wind Farm Connection (40524)		10 14/47/00 BELALIE - MOKOTA 275KV LINE	N/A	8.78	3rd Party Connection 3rd Party Connection	Non Regulated Third Party Access regulated Non Regulated Third Party Access regulated
Porcupi	prie nange ( ne wan) wins nam Connectori (40024)	Partagene range menu and samesari	Forcoprise manage (The Dwarp Wind Palm Connection (40524)		THAT WE INCOME IN MANY PLATENT LINE	165	61.0	unu e asy Comacisión	real resignation Theo Party Access reques
cuit									
r - non-									
weighting)									

LOSS OF SUPPLY EVENT FREQUENCY	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date s	tart End da	e End time	Circuits affected	Maximum system demand	Demand shed and time	Quantitative impact	Reasons for exclusion request	Further references
Name of any loss of supply parameters	Name of the event	Datail of the event. Such as: the action of any third parties, the actions of the TNSP, assets damaged or interrupted.	A description of the cause of the event	Start dale and time event	of End date :	ind time of event	Norms of circuits or plant affected	The maxaystem demand that occurred up until the time of the event	The (MW) demand shed and the duration it was shed for.	Impact of exclusion event on LCS Parameter	Full details of the reason's for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event	A TMSP may provide further details of an exclusion event. TMSP to provide relevance.
		3rd Party Outage - ElectraNet protection operated in a backup manner for a broken insulator on ETSA's Port Vincent feeder	ElectraNet protection operated in a backup manner for broken insulators on ETSA's Port Vincent feeder		11:00 07/12/20 11 07/12/20		Ardnossan West Dallymple	5397	4MW for 71mins 3MW for 126mins	1	3.3 3rd Paty Outages	3rd Party - ETSA
						-						
		3rd Party Outage - ElectraNet protection operated in a backup manner for a broken insulator on ETSA's Port Vincent feeder	ElectraNet protection operated in a backup manner for broken insulators on ETSA's Port Vincent Needer	07/12/201 15:1 0 15:1 07/12/201		10 16:22 10 17:17	Ardnossian West Dallympia	3397	4MW for 71mins 3MW for 126mins	1	3.3 3rd Party Outoges	3rd Party - ETSA
					-							
AVERAGE OUTAGE DURATION	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date 5	tart End da	te End time	Circuits affe	ctud	Quantitative impact	Capped impact (if applicable)	Reasons for exclusion request	Further references
Name of any average outage duration parameters	Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP, assets damaged or interrupted.	A description of the cause of the event	Start date and time event	of End date :	nd time of event	Norms of circuits or plant affected		Impact of exclusion event on ACD Parameter	Impact of capped exclusion exent on ADD parameter	Full details of the reason for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 12 Third party event	A TMSP may provide further details of an exclusion event. TMSP to provide reference.
		3rd Party Outage - ElectraNet protection operated in a backup manner for a broken insulator on ETSA's Port Vincent feeder	ElectraNet protection operated in a backup manner for broken insulators on ETSA's Port Vincent feeder	07/12/201 15:1 0 15:1 07/12/201 0		10 16:22 10 17:17	Ardnossen West Dairymple		98.500	-1.550	5.3 3rd Paty Outages	3rd Party - ETSA
												-
					-	-						<u>+</u>

worksheet should include a list all events that are proposed for exclusion.

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#### ElectraNet - S1 - Total transmission circuit availability

Performance Targets	Graph start	Collar	Target	Сар	Graph end
al transmission circuit availat		99.10%	99.47%	99.63%	99.80%
Weighting		-0.30%	0.00%	0.30%	0.30%

Performance Formulae			Forn	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.003000							Availability	<	99.10%	-0.003000	-0.003000
	=	0.810811	х	Availability	+	-0.806514	99.10%	≤	Availability	≤	99.47%	-0.001946	0.001970
	=	1.875000	х	Availability	+	-1.865063	99.47%	≤	Availability	≤	99.63%	-0.004500	0.004556
	=	0.003000					99.63%	<	Availability			0.003000	0.003000

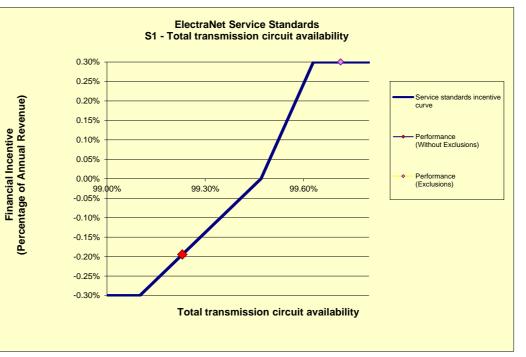
al transmission circuit availat = 99.23 S-Factor = -0.19	isions) (Exclusions
S-Eactor = -0.19	0000% 99.713000
0 1 40101 - 0.10-	4595% 0.300000

NOTE: This sheet will automatically update based on data in input sheets

Blue cells show the TNSP's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data



#### ElectraNet - S2 - Critical circuit availability - peak

Performance Targets	Graph start	Collar	Target	Cap	Graph end
ritical circuit availability – pea		98.52%	99.24%	99.51%	
Weighting		-0.20%	0.00%	0.20%	

Performance Formulae			Forr	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.002000					When:		Availability	<	98.52%	-0.002000	-0.002000
	=	0.277778	х	Availability	+	-0.275667	98.52%	≤	Availability	≤	99.24%	0.001139	0.001411
	=	0.740741	х	Availability	+	-0.735111	99.24%	≤	Availability	≤	99.51%	0.003037	0.003763
	=	0.002000					99.51%	<	Availability			0.002000	0.002000

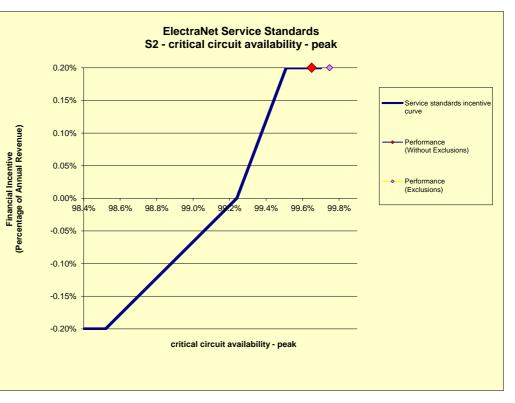
Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
ritical circuit availability – per =	99.650000%	99.748000%
S-Factor =	0.200000%	0.200000%

NOTE: This sheet will automatically update based on data in input sheets

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Pink cells show the TNSP's performance outcomes without any events excluded from performance data

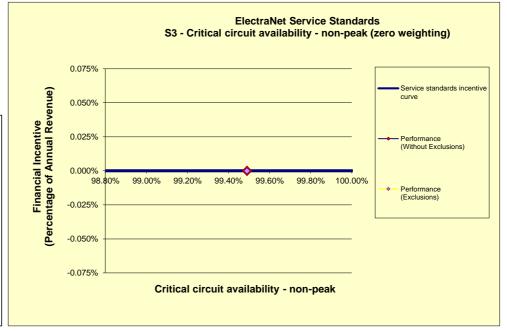


#### ElectraNet - S3 - Critical circuit availability - non-peak (zero weighting)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
cuit availability – non-peak (zero		98.88%	99.62%	99.95%	100.20%
Weighting		0.00%	0.00%	0.00%	0.00%

Performance Formulae			Form	ulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	0.000000					When:		Availability	<	98.88%	0.000000	0.000000
	=	0.000000	х	Availability	+	0.00000	98.88%	≤	Availability	≤	99.62%	0.000000	0.000000
	=	0.000000	х	Availability	+	0.00000	99.62%	≤	Availability	≤	99.95%	0.000000	0.000000
	=	0.000000					99.95%	<	Availability			0.000000	0.000000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
cuit availability – non-peak (zero	=	99.490000%	99.490000%
S-Factor	=	0.000000%	0.000000%



NOTE: This sheet will automatically update based on data in input sheets

Blue cells show the TNSPt's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data

#### ElectraNet - S4 - Loss of supply event frequency ( >0.05 system minutes )

P	Performance Targets	Graph start	Collar	Target	Cap	Graph end
	Loss of supply event frequency ( >0.05 system minutes )		11	8	6	-
	Weighting		-0.100%	0.00%	0.100%	0.10%

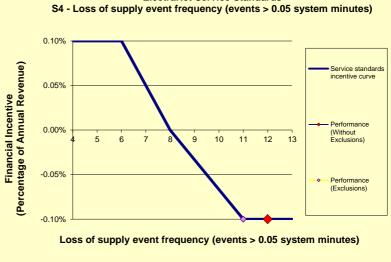
Perfe	ormance Formulae			Forr	nulae				Conditions		S- Calc 1	S- Calc 2
	Performance	=	-0.001000					11 <	No. of events		-0.001000	-0.001000
		=	-0.000333	х	No. of events	+	0.002667	8 ≤	No. of events	≤ 11	-0.001333	-0.001000
		=	-0.000500	х	No. of events	+	0.004000	6 ≤	No. of events	≤ 8	-0.002000	-0.001500
		=	0.001000						No. of events	< 6	0.001000	0.001000

Loss of supply event frequency ( >0.05 system minutes )	=	Performance (Without Exclusions)	Performance (Exclusions)	S4 - L		let Service Standards equency (events > 0.05	system r
Loss of supply event frequency ( >0.05 system minutes )	=	12	11	0.10% -			
S-Factor		-0.100000%	-0.100000%	<b>a</b>			
NOTE: This sheet will automatically update based on data in input s		<u> </u>		<b>Nev</b> 0.05% –	<b>\</b>		ir
	116613			Se			

Blue cells show the TNSP's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data



#### ElectraNet - S5 - Loss of supply event frequency ( >0.2 system minutes )

Performance Targets	Graph start	Collar	Target	Сар	Graph end
Loss of supply event frequency ( >0.2 system minutes )		6	4	2	2 0
Weighting		-0.200%	0.00%	0.200%	

Performance Formulae			F	ormulae				Conditions		S- Calc 1	S- Calc 2
Performance	=	-0.002000					6	< No. of events		-0.002000	-0.002000
	=	-0.001000	х	No. of events	+	0.004000	4	$\leq$ No. of events $\leq$	6	-0.003000	-0.002000
	=	-0.001000	x	No. of events	+	0.004000	2	$\leq$ No. of events $\leq$	4	-0.003000	-0.002000
	=	0.002000						No. of events =	2	0.002000	0.002000

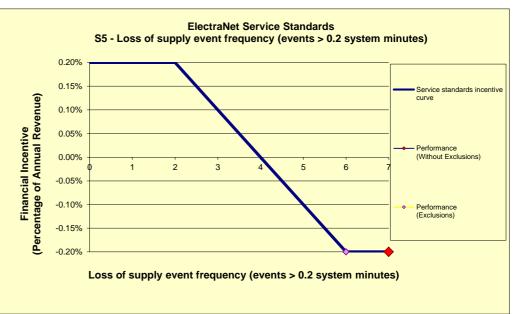
Loss of supply event frequency ( >0.2 system minutes )	=	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency ( >0.2 system minutes )	=	7	6
S-Factor		-0.200000%	-0.200000%

#### NOTE: This sheet will automatically update based on data in input sheets

Blue cells show the TNSP's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data



#### **ElectraNet - S6 - Average outage duration (minutes)**

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration (minutes)		119	78	38	
Weighting		-0.200%	0.00%	0.200%	

Performance Formulae			Fc	ormulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.002000					119	<	Duration			-0.002000	-0.002000
	=	-0.000049	x	Duration	+	0.003805	78	≤	Duration	≤	119	-0.002466	-0.002541
	=	-0.000050	x	Duration	+	0.003900	38	≤	Duration	≤	78	-0.002528	-0.002605
	=	0.002000							Duration	<	38	0.002000	0.002000

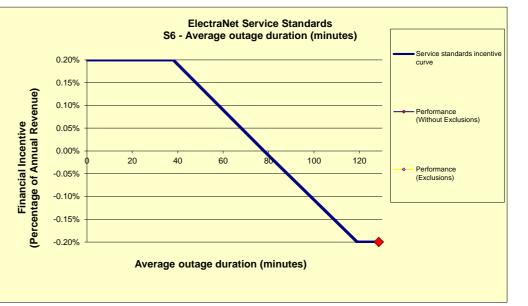
Average outage duration (minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration (minutes)	=	128.550000	130.100000
S-Factor		-0.200000%	-0.200000%

#### NOTE: This sheet will automatically update based on data in input sheets

Blue cells show the TNSP's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data



# **ElectraNet - Revenue Calculation**

Revenue cap information	
Base year allowed revenue	\$229,990,000
Base year	2008–09
X-factor	-5.93%
Commencement of regulatory	
period	01-Jul-08

Annual revenue adjusted for CPI	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13
СРІ	162.2	166.2	170.0	-	-	-

Nominal annual revenue	2008-09	2009-10	2010-11	2011-12	2012-13
Allowed Revenue	\$229,990,000	\$249,636,506	\$270,486,111		

Calendar year revenue 2008		2009 2010		2011	2012	2013
Revenue	\$114,995,000	\$239,813,253	\$260,061,308			

NOTE:

This sheet will automatically update based on data on input sheets.

Grey cells show calendar year revenue

Green cells are for formula

#### **ElectraNet - Performance outcomes**

Revenue calendar year

\$260,061,308

			Performance without exclusions			Performance with exclusions			Impact of
S	Performance parameter	Target	Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	exclusions
S1	Total transmission circuit availability	99.47%	99.230000%	-0.194595%	-\$506,065	99.713000%	0.300000%	\$780,184	0.494595%
S2	Critical circuit availability – peak	99.24%	99.650000%	0.200000%	\$520,123	99.748000%	0.200000%	\$520,123	0.000000%
S3	Critical circuit availability – non-peak (zero weighting)	99.62%	99.490000%	0.00000%	\$0	99.490000%	0.000000%	\$0	0.000000%
S4	Loss of supply event frequency ( >0.05 system minutes )	8	12	-0.100000%	-\$260,061	11	-0.100000%	-\$260,061	0.000000%
S5	Loss of supply event frequency ( >0.2 system minutes )	4	7	-0.200000%	-\$520,123	6	-0.200000%	-\$520,123	0.000000%
S6	Average outage duration (minutes)	78	129	-0.200000%	-\$520,123	130	-0.200000%	-\$520,123	0.000000%
	TOTALS			-0.494595%	-\$1,286,249		0.000000%	\$0	0.494595%

#### NOTE:

This sheet will automatically update based on data in input sheets.

Grey cell shows relevant calendar year revenue

Green cells show performance measure targets

Pink cells show performance, s-factor results and financial incentive without exclusions

Orange cells show performance, s-factor results and financial incentive with exclusions

Blue cells show the impact of exclusions on revenue

Aggregate outcome	
S-factor	0.00000%
Financial Incentive	\$0
Financial year affected by financial incentive	2011/12