# **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	Collar	Target	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%	99.716000%
S2	Critical circuit availability – peak	98.52%	99.24%	99.51%	0.20%	99.650000%	99.748000%
	Critical circuit availability – non-peak (zero weighting)	98.88%	99.62%	99.95%	0.00%	99.490000%	99.490000%
	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	1-Jul-08						

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

Other Inputs									
Annual revenue adjusted for (	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13			
СРІ	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.

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	BANDON SECRETARION OF THE SEC	Adapse 1 Winde Salage 2 Novide Salage 2 Novide Adapse 2 Novide Adapse 4 Novide Adapse 5 Novide	Same Ward  Same Ward  Same Ward  Same Ward  Same Ward	112000 84100 112000 14410 112000 144100 112000 14410 112000 211100 112000 21110 112000 211100 112000 21110	SUPPLIES TO THE PROPERTY OF TH	90. 90. 50. 80. 80.		600 600 600 600	Security of the Control of the Contr	Source And Femilian data to Secondaria Source And Femilian data to Secondaria
	COMMITTEE WITH PORT STOCKER  MANUS SOUTH WEST BAND 132 NOVER 3  MANUS SOUTH WEST BAND 132 NOVER 1  OAKTIMUS SOUTH WEST BAND 132 NOVER 1	Malage a Leonale Malage o Malage Malage o Malage Malage o Malage Ma	Same Word Same Word Same Word Same Word Same Word	1103010 014400 1103010 01444 1103010 003400 1103010 00344 4103010 013100 8103010 01310 13103010 111300 11103010 10340	E COMMITTERON, NORTH REST MIND TO KYLINE 3 MERSY HORTH WAST MIND TO KYLINE 3 MERSY HORTH WAST MIND TO KYLINE 3 MERSY HORTH WAST MIND TO KYLINE 3 MANAGERS HORTH MIND TO KYLINE 3	NA NA NA NA		600 600 602 8128	Summissionistraplisms less than size [1] minute Summissionisms less than size [1] minute Summissionisms less than size [1] minute Summissionisms (hard but size [1] minute [1] I beneathed Summission Acud	Boomshid Femines due in Boom Wood Boomshid Femines due in Boom Wood Boomshid Femines due in Boom Wood Contenue: Venine
	HEDRILL CLIMBYTE GAP AP 120G LBB Paginst Reinasten Propent/SOSY) Paginst Reinasten Propent/SOSY) Paginst Reinasten Propent/SOSY) Paginst Reinasten Propent/SOSY)	Top data to large of Communications, Control  James on the Communications, Control  James on the Control  James on the Control  James on the Control  James on the Control  James Only	Communications, Control Peoples Kelessaken Proper (MICO)	3413000 073100 0413000 08380 406000 154100 1060000 17410 1160000 53000 1160000 17410 1160000 54100 1160000 17410	6 HENRY CLERKE OF SF COCKAR 5 MARPORT LING CREEK LOSS US 5 MARPORT LING CREEK LOSS US 6 HERCERE FLANDERS US WINE 5 MARPORT FREE LOSS US 5 MARPORT	NA NA NA NA NA	41194	640 63.44 14.02 14.34	1.1 Designated Transmission Assal 1.1 Copped Chappes 1.1 Copped Chappes 1.2 Copped Chappes 1.3 Copped Chappes 1.4 Copped Chappes 1.5 Copped Chappes 1.5 Copped Chappes	Laura of Communications/Control  Capacid appropriate solaries duration to 3350/ns
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	Rajind Salasaka Project/S007)	Remote en Playlanti - Perika (1945) for conductors.  Remote en Playlanti - Perika (1945) for conductors.  Demote en Playlanti - Perika (1955) for conductors.  Communication and communications force.  Communication and communications force.	Register Kelmanten Freijert (1900) Register Kelmanten Freijert (1900) Register Kelmanten Freijert (1900) Harbert Kelmanten Freijert (1900) Harbert Kelmanten Freijert (1900)	100000 15380 100000 1030 100000 15380 100000 1030 100000 15380 100000 1030 100000 10380 100000 1030 1000000 10000 100000 1010	E SABAPORT - WAVELLO TRIVILLEE  - ERRICORRES - PLEMONS TES WILES  - PRES - PLOYOGEMOUNT GENERAL TO WILES  - PRES - VICONERS - TO WILES  - DAMPONT - PRES - TOOL VINE  - DAMPONT - PRES - TOOL VINE - DAMPONT - PRES - TOOL VINE - DAMPONT - PRES - TOOL VINE - TOOL -	NA NA NA NA		178 178 178 622 613	18 Corpel Dalges	Casterd appropriate voluge duration to 3.00 cs. Casterd appropriate voluge duration to 3.00 cs. Casterd appropriate voluge duration to 3.00 cs. Casterd appropriate volume duration to 3.00 cs. Casterd appropriate volume duration to 3.00 cs. Casterd assessment volume duration to 3.00 cs.
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	Paghot Salmatan Pripari 30007) Sashot Salmatan Prinsi 30007	Fammari el milandari equipmenti	Hadred Releasable Project (2000) Low North New (20) (2001) Releasable Releasable (2000)	21082010 \$2800 \$2000010 \$8100 21082010 \$2800 \$1102011 \$2800 \$2112010 \$2420 \$2112010 \$2400 \$2112010 \$2400 \$20002011 \$2410	COMMISSION - PLANCED LINCOIS SONTINE  OMMISSION - PLANCED LINCOIS	NA NA NA NA NA	400EN	136.80 500.90 341.15 602 437	18 Capped Chalges	Cannel assumption values duration in 3300 on Cannel assumption values duration to 3300 on
	Clase North New YSS - SIA-Villabration in 165-755 Clase North New YSS - SIA-Villabration in 165-755	Anticolous of one problems  Financian Top texts  Text one problems and encour old problems  Salaman Set Memory Californian  Salaman Set Memory Californian	Care March New 132 - Marc Education (16579) Clare March New 132 - Marc Education (16579)	10000 1100 10000 1710 10000 1100 10000 1710 111000 1100 11	SANDONOCCIÓN BEPLAND I SI NA INE SANDONOCCIÓN BERLAND I SI NA INE SANDON	NA NA NA NA		164 1740 17140 443 443	1.5 Copped Chalges 1.6 Copped Chalges	Capper appende culape duration in 1900-s.
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PRECURSOr  FREQUENCY  Same of any loss of supply parameters	Event proposed for exclusion	Description of the event and its impact on the sales or and professional blacked the event. Such as the artered any trial pates, the artere of the TNP, severa demagniture procession.	Cause of the exent  A description of the name of the exent	East date Base End date End date  Dark date and time of End date and time of ever	Checks affected  to term of circuits or plant of feeter	Business system demand  The new system demand that account ayout the time of the account.		The SAU demand when and the SAU demand when and the demand is now when the sau when	Coardinafive impairs:  Research of anothering in the coardinate of	Facilies references  5.7627 may provide further details of an australian accent. 7627 is provide references.
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	Andreas an Viver 1520/Villes trip	Ini Parij Chinge - Eleska Veriposianion spendad in a hadag marree for a braken insulator or ETEA's Pari Vincent lende	Embellet politikan spesiation a bashup manner for knilan mulaten an ETEX i Port limanti kedar	01133000 NETT 01133010 NE33 01133000 NETT 01133010 TF-17	Molivessam Vilenti Doloyequia	3947		2000 to 71 mins 2000 to 120 mins	1 S. Sai Piniy Calages	Sel Pary 2155.
AVERAGE OUTGOS DUSATION	Event proposed for any landon	Description of the except and its impact on the redensity and performance	Cause of the event	Eastable East Endale Endin	a Credit all	ow .		Ocanitative impact	Copper Company (F. Farance for anti-lecture required and the control of the contr	Enther references
Name of any average minage duration parameters	Name of the oversi Andreas are Wine 1520/Villes trip	Noted of the server. Such as the action of any third parties, the actions of the TNP, servers demand or recognition.  See Fany Schage: Standardscoperation appealed in a hardup manner for a lander resultable or RESAS Part Visconitionale.	A description of the name of the event  Decked any protection appealed in a bankup manner for broken consistent on ETEAS Post Vingent banker	Delicate and the of point DE 20000 18-11 DE 10,000 18-22 DE 20000 18-11 DE 10,000 18-22 DE 10,0000 18-11 DE 10,000 18-21	to terms of circuits, or plant offsected  Advisorant Vitral  Delayspile			reputit of deviation promises ACC Personaler	The detailed mentions AD of details of the season for encluding this event. Detail include a reference in the defined enclusion and encurates about the season for season to enclude a definition has been defined as definitely been been defined as the season of the season definition has been defined as the party season of the SE SE SE Field Chalges.	h 1957 may preside further details of an excitation except. 2657 is preside-reference. Self-Party-ETSA
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**ElectraNet - S1 - Total transmission circuit availability** 

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

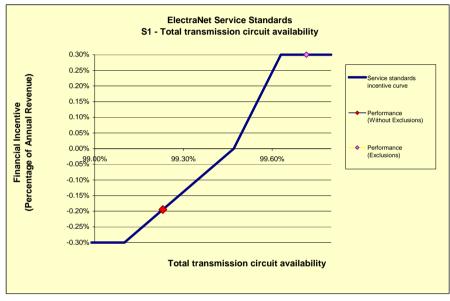
Performance Formulae			Form	ulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.003000							Availability	<	99.10%	-0.003000	-0.003000
	=	0.810811	x	Availability	+	-0.806514	99.10%	≤	Availability	≤	99.47%	-0.001946	0.001995
	=	1.875000	х	Availability	+	-1.865063	99.47%	≤	Availability	≤	99.63%	-0.004500	0.004612
	=	0.003000					99.63%	<	Availability			0.003000	0.003000

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
al transmission circuit availat =	99.230000%	99.716000%
S-Factor =	-0.194595%	0.300000%

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	Сар	Graph end
ritical circuit availability - pe	98.30%	98.52%	99.24%	99.51%	99.70%
Weighting		-0.20%	0.00%	0.20%	0.20%

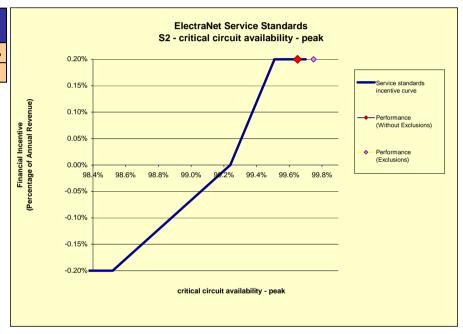
Performance Formulae			Fori	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.002000					When:		Availability	<	98.52%	-0.002000	-0.002000
	=	0.277778	х	Availability	+	-0.275667	98.52%	≤	Availability	≤	99.24%	0.001139	0.001411
	=	0.740741	х	Availability	+	-0.735111	99.24%	≤	Availability	≤	99.51%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

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

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 - S3 - Critical circuit availability – non-peak (zero weighting)**

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

Performance Fo	rmulae		Fo	ormulae					Conditions			S- Calc 1	S- Calc 2
Perform	ance =	0.000000					When:		Availability	<	98.88%	0.000000	0.000000
	=	0.000000	х	Availability	+	0.000000	98.88%	≤	Availability	≤	99.62%	0.000000	0.000000
	=	0.000000	х	Availability	+	0.000000	99.62%	≤	Availability	≤	99.95%	0.000000	0.000000
	=	0.000000					99.95%	<	Availability			0.000000	0.000000

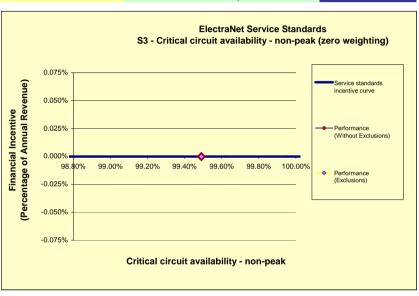
Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
uit availability – non-peak (zero	11	99.490000%	99.490000%
S-Factor	=	0.000000%	0.000000%

# 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 )

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

Performance Formulae			Forn	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

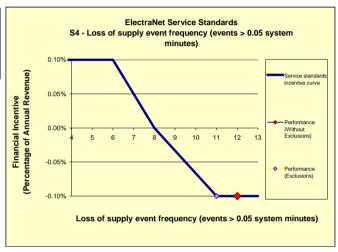
Loss of supply event frequency ( >0.05 system minutes ) =	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency ( >0.05 system minutes ) =	12	11
S-Factor	-0.100000%	-0.100000%

#### 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 - 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	
Weighting		-0.200%	0.00%	0.200%	

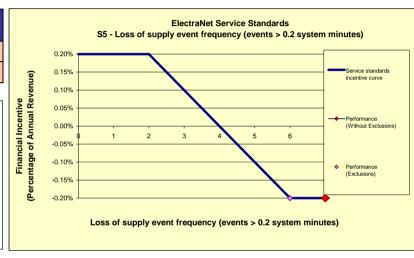
Performance Formulae		Formulae						Conditions	S- Calc 1 S- Calc	2	
Performance	=	-0.002000					6	< No. of events		-0.002000 -0.00200	00
	=	-0.001000	х	No. of events	+	0.004000	4	≤ No. of events ≤	6	-0.003000 -0.00200	00
	=	-0.001000	х	No. of events	+	0.004000	2	≤ No. of events ≤	4	-0.003000 -0.00200	00
	=	0.002000						No. of events =	2	0.002000 0.00200	00

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%

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	Сар	Graph end
Average outage duration (minutes)		119	78	38	
Weighting		-0.200%	0.00%	0.200%	

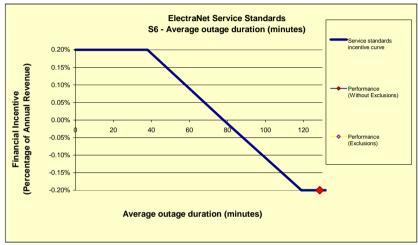
Performance Formulae			Fo	ormulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.002000					119	<	Duration			-0.002000	-0.002000
	=	-0.000049	x	Duration	+	0.003805	78	≤	Duration	≤	119	-0.002466	-0.002541
	=	-0.000050	х	Duration	+	0.003900	38	≤	Duration	≤	78	-0.002528	-0.002605
	=	0.002000				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

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	1-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	99.716000%	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%	0.000000%	\$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	0.000000%
Financial Incentive	\$0
Financial year affected by financial incentive	2011/12

No	ctraNet - Defined exclusions Parameter 1 - Transmission circuit availabilit	v	
	Defined exclusions	Further description of exclusion	Reference
.1	Unregulated transmission assets		Appendix C Revenue cap decisio
.2	3rd party outages	Any outages shown to be caused by a 'third party system'—eg. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
3	Outages to control voltages	Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both cases only where the element is available for immediate energisation if required).	Appendix C Revenue cap decision
	Circuit opening for operational purposes Capped outages		Appendix C Revenue cap decision Appendix C Revenue cap decision
6	Force majeure	hours (14 days).	Appendix D First proposed STPI
	Parameter 2 - Critical circuit availability - pea	ık	
	Defined exclusions	Further description of exclusion	Reference
	Unregulated transmission assets 3rd party outages	Any outages shown to be caused by a 'third party system'—eg. intertrip signals, generator outage, customer installation, customer request or AEMO	Appendix C Revenue cap decision Appendix C Revenue cap decision
.3	Outages to control voltages	direction.  Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both	Appendix C Revenue cap decision
.4	Circuit opening for operational purposes	cases only where the element is available for immediate energisation if required).  The opening of only one end of a transmission line where the transmission line remains energised and available to carry power.	Appendix C Revenue cap decision
.5	Capped outages	the number of interrupted hours related to a single transmission line redevelopment project or substation redevelopment project is capped at 336 hours (14 days).	Appendix C Revenue cap decision
6	Force majeure		Appendix D First proposed STPI
	Parameter 3 - Loss of supply event		
	frequency (>0.2 system minutes)		
	Defined exclusions	Further description of exclusion	Reference
	Successful reclose events ( <1 min duration)		Appendix C Revenue cap decision
	Unregulated transmission assets 3rd party outages	Any outages shown to be caused by a 'third party system'—e.g. intertrip signals, generator outage, customer installation, customer request or AEMO	Appendix C Revenue cap decision Appendix C Revenue cap decision
		direction.	
	Planned outages		Appendix C Revenue cap decision
.5	Interconnector outages	For supply outages resulting from an interconnector outage, the period of the interruption is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of arry market failure to respond and restore load within required timeframes (ie. excluding factors outside of ElectricAets control).	Appendix C Revenue cap decisi
.6	Pumping station supply interruptions		Appendix C Revenue cap decisi
-	Force maieure		Appendix D First proposed STPI
			Appendix C Revenue cap decision
	of third party protection	Where Electranker protection not operated is removed from the total lost load.	Appendix o Revenue cap decisi
.9		Where ElectraNet protection operates correctly due to a fault on a third party system no lost load is recorded.	Appendix C Revenue cap decision
	Parameter 4 - Loss of supply event		
	frequency (>1.0 system minutes)		
	Defined exclusions	Further description of exclusion	Reference
.1	Successful reclose events ( <1 min duration)		Appendix C Revenue cap decisi
.2	Unregulated transmission assets		Appendix C Revenue cap decisi
.3	3rd party outages	Any outages shown to be caused by a 'third party system'—e.g. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decisi
.4	Planned outages		Appendix C Revenue cap decisi
.5	Interconnector outages	impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required	Appendix C Revenue cap decisi
.6	Pumping station supply interruptions		Appendix C Revenue cap decisi
	Force majeure	estimation of load profiles unreliable.	Appendix D First proposed STP
	ElectraNet protection operates incorrectly ahead of third party protection	Where ElectraNet protection operates incorrectly ahead of third party protection, the portion of customer load that would have been lost had ElectraNet protection not operated is removed from the total lost load.	Appendix C Revenue cap decisi
9	ElectraNet protection operates correctly due to a fault on a third party system	Where ElectraNet protection operates correctly due to a fault on a third party system no lost load is recorded.	Appendix C Revenue cap decisi
	Parameter 5 - Average outage duration		
	Defined exclusions	Further description of exclusion	Reference
	Successful reclose events ( <1 min duration)		Appendix C Revenue cap decisi
			Appendix C Revenue cap decisi
1	Unregulated transmission assets		
.1	Unregulated transmission assets 3rd party outages		
.1 .2 .3		any outages shown to be caused by a 'third party system'—eg intertrip signals, generator outage, customer installation, customer request or AEMO direction	Appendix C Revenue cap decis
i.1 i.2 i.3	3rd party outages	direction  For supply outgages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding	Appendix C Revenue cap decis  Appendix C Revenue cap decis
5.1 5.2 5.3 5.4 5.5	3rd party outages Planned outages Interconnector outages supply interruptions	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of letertane's control	Appendix C Revenue cap decis Appendix C Revenue cap decis Appendix C Revenue cap decis
i.1 i.2 i.3 i.4 i.5	3rd party outages Planned outages Interconnector outages supply interruptions Force majeure	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix D First proposed STF
5.1 5.2 5.3 5.4 5.5 5.6 5.7	3rd party outages Planned outages Interconnector outages supply interruptions Force majeure	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix D First proposed STF
i.1 i.2 i.3 i.4 i.5	3rd party outages Planned outages Interconnector outages supply interruptions Force majeure ElectralNet protection operates correctly due to a	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix D First proposed STF
.1 .2 .3 .4 .5	3rd party outages Planned outages Interconnector outages supply interruptions Force majeure ElectralNet protection operates correctly due to a	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix C Revenue cap decis  Appendix D First proposed STF
5.1 5.2 5.3 5.4 5.5 5.6 5.7	3rd party outages Planned outages Interconnector outages supply interruptions Force majeure ElectraNet protection operates correctly due to a fault on a third party system	direction  For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decisi Appendix C Revenue cap decisi Appendix C Revenue cap decisi Appendix D First proposed STPI Appendix C Revenue cap decisi  Reference

No. (	Critical circuit availability – non-peak (zero		
	weighting)		
	Defined exclusions	Further description of exclusion	Reference
6.1 l	Unregulated transmission assets		Appendix C Revenue cap decision
6.2		Any outages shown to be caused by a 'third party system'—eg intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
6.3	Outages to control voltages	Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both cases only where the element is available for immediate energisation if required).	Appendix C Revenue cap decision
6.4 (	Circuit opening for operational purposes	The opening of only one end of a transmission line where the transmission line remains energised and available to carry power.	Appendix C Revenue cap decision
6.5	Capped outages	The number of interrupted hours related to a single transmission line redevelopment project or substation redevelopment project is capped at 336 hours (14 days).	Appendix C Revenue cap decision
6.6 F	Force majeure		Appendix D First proposed STPIS

## Service Target Perfomance Incentive Scheme - Definition of Forece Majeure

efinition of Force Majeure	Reference
or the purpose of applying the service target performance incentive scheme, force majeure events means any event, act or circumstance or ombination of events, acts and circumstances which (despite the observance of good electricity industry practice) is beyond the reasonable control the part affected by any such event, which may include, without limitation, the following:	Service Target Performance Incentive Schem (January 2007) p. 31
<ul> <li>fire, lightning, explosion, flood, earthquake, storm, cyclone, action of the elements, riots, civil commotion, malicious damage, natural disaster, sabotage, act of a public enemy, act of God, war (declared or undeclared), blockage, revolution, radioactive contamination, toxic or dangerous chemical contamination or fore of nature.</li> </ul>	
- action or inaction by a court, government agency (including denial, refusal or failure to grant any authorisation, despite timely best endeavour to obtain same)	
- strikes, lockouts, industrial and/or labour disputes and/or difficulties, work bans, blockades, picketing	
- acts or omissions (other than failure to pay money) of a party other than the TNSP, which party either is connected to or uses the high voltage grid or is directly connected to or uses a system for the supply of electricity that in turn is connected to the high voltage grid	
- where those acts or omissions affect the ability of the TNSP to perform its obligation under the service standard by virtue of that direct or indirect connection to or use of the high voltage grid	
determining what force majeure events should be excluded the AER will consider the following:	
- was the event unforeseeable and its impact extraordinary, uncontrollable and not manageable?	
- does the event occur frequently? If so, how did the impact of the particular event differ?	
- could the TNSP, in practice, have prevented the impact (not necessarily the event itself)?	
- could the TNSP have effectively reduced the impact of the event by adopting better practices?	