

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	Cap	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions)	Checksum
S1	Total transmission circuit availability	99.10%	99.47%	99.63%	0.30%	99.003258%	99.385039%	0.00000%
S2	Critical circuit availability – peak	98.52%	99.24%	99.51%	0.20%	99.440924%	99.813577%	
S3	Critical circuit availability – non-peak (zero weighting)	98.88%	99.62%	99.95%	0.00%	99.550820%	99.998138%	
S4	Loss of supply event frequency (>0.05 system minutes)	6	4	3	0.10%	4	3	0.00
S5	Loss of supply event frequency (>0.2 system minutes)	3	2	1	0.20%	4	3	
S6	Average outage duration (minutes)	119	78	38	0.20%	339.88	280.9286	0.0000

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	1H 2013
Financial year to affect revenue:	2014/15
Date prepared:	
Revision date:	
Circuit information	
Number of critical circuits	21
Number of non-critical circuits	89
Total circuits	110

Average outage duration information - performance without exclusions	
Number of connection point events	17
Total unplanned outage duration (system minutes)	5778

Average outage duration information - performance with exclusions	
Number of excluded connection point events	3
Total unplanned outage duration (system minutes)	3933
Total number of connection point events	14

Other Inputs						
Annual revenue adjusted for	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13
CPI (old base)	162.2	166.2	171.0	176.7	179.5	
CPI (new base)	90.3	92.5	95.2	98.3	99.9	102.4

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.

ElectraNet - Proposed exclusions availability

CIRCUIT AVAILABILITY	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date	Start time	End date	End time	Total hours unavailable	Circuits affected	Reactive plant or transformer	Quantitative impact	Reasons for exclusion request	Further references
Name of any circuit availability parameters	Name of the event	Detail of the event. Start on 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 of event		End date and time of event			Name of circuits or transformer affected	Name of any equipment affected	Impact of exclusion event on availability sub-parameter	Full details of the reasons 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 events.	A TNSP may provide further details of an exclusion event. TNSP to provide references.
S1	MOKOTA - HALLET HI	OUTAGE TO SAMPLE CTS	INSTRUMENT TFS	6/01/2013	12:24:00	6/01/2013	13:24:00	1.00	MOKOTA - HALLET	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	OUTAGE TO SAMPLE CT665
S1	EAST TERRACE - MA	ISOLATION FOR SOUTH AUSTRALIAN	CUSTOMER REQUEST	22/01/2013	20:47:00	23/01/2013	04:15:00	7.47	EAST TERRACE - M	N/A	N/A	2.2 3RD PARTY OUTAGE	SAPN OUTAGE FOR 66KV BUS ZONE PROTECTION
S1	REDFILL - CLEMENS	HANGING INSULATORS	INSULATORS	3/02/2013	08:11:00	3/02/2013	16:12:00	8.02	REDFILL - CLEMEN	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	OUTAGE TO CHANGE INSULATORS
S1	DALRYMPLE - WATTL	TRIP OCCURRED CONCURRENTLY	DESIGN/CONSTRUCTION	15/02/2013	21:10:00	15/02/2013	22:22:00	1.20	DALRYMPLE - WAT	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	TRIP OCCURRED CONCURRENTLY WITH WATERLOO-HUMMOCKS 132KV LINE TRIP
S1	HUMMOCKS - WATER	OUTAGE < 1 MINUTE	STORMWIND	15/02/2013	21:10:00	15/02/2013	21:10:00	0.00	HUMMOCKS - WAT	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	HUMMOCKS - SNOW	OUTAGE < 1 MINUTE	STORMWIND	15/02/2013	21:10:00	15/02/2013	21:10:00	0.00	HUMMOCKS - SNOW	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	DAVENPORT - NORTH	ISOLATION FOR ALINTA ENERGY	CUSTOMER REQUEST	20/02/2013	08:14:00	20/02/2013	11:11:00	2.96	DAVENPORT - NOR	N/A	N/A	2.2 3RD PARTY OUTAGE	ISOLATION FOR ALINTA ENERGY TO CARRY OUT INSULATOR WASHING
S1	DAVENPORT - LEIGH	OUTAGE < 1 MINUTE	STORMWIND	21/02/2013	11:38:00	21/02/2013	11:38:00	0.00	DAVENPORT - LEIG	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	DAVENPORT - BUNG	OUTAGE < 1 MINUTE	STORMWIND	21/02/2013	21:11:00	21/02/2013	21:11:00	0.00	DAVENPORT - BUN	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	PLAYFORD - NORTH	ISOLATION FOR AUGUSTA OPERATORS	CUSTOMER REQUEST	24/02/2013	13:31:00	28/02/2013	15:53:00	22.37	PLAYFORD - NOR	N/A	N/A	2.2 3RD PARTY OUTAGE	ISOLATION FOR AUGUSTA OPERATORS
S1	DAVENPORT - PIMBA	OUTAGE < 1 MINUTE	OVERHEAD LINE/UNDERGR	26/02/2013	05:20:00	26/02/2013	05:20:00	0.00	DAVENPORT - PIM	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	BELALIE - NORTH	BRISMALE CT6668	INSTRUMENT TFS	1/03/2013	07:58:00	1/03/2013	11:45:00	3.78	BELALIE - NORTH B	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	SAMPLING NORTH BROWN HILL WIND FARM LINE EXIT CT
S1	BELALIE - PORCUPINE	SAMPLE CT6670	INSTRUMENT TFS	2/03/2013	07:13:00	2/03/2013	12:21:00	5.13	BELALIE - PORCUP	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	SAMPLING PORCUPINE RANGE WIND FARM LINE EXIT CT
S1	TIPS A - TORRENS	INSULATOR WASHING	INSULATORS	9/03/2013	06:48:00	9/03/2013	12:07:00	5.32	TIPS A - TORRENS	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	OUTAGE TO WASH INSULATORS
S1	MURRAYLINK REDCL	SUPERVISORY SHUT DOWN / SWIT	CUSTOMER REQUEST	13/03/2013	07:20:00	13/03/2013	20:53:00	13.55	MURRAYLINK REDC	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR GRAYLING PERSONNEL
S1	HEYWOOD - SOUTH	ISOLATION FOR VOLTAGE CONTR	VOLTAGE CONTROL	16/03/2013	23:27:00	19/03/2013	06:32:00	55.08	HEYWOOD - SOUTH	N/A	N/A	1.3 OUTAGES TO CONTROL VOLTAGES	OUTAGE FOR VOLTAGE CONTROL
S1	PARA - BUNGAMA 2	750V OUTAGE < 1 MINUTE	STORMWIND	21/03/2013	01:46:00	21/03/2013	01:46:00	0.00	PARA - BUNGAMA 2	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	KEITH - KINCRAIG	132V OUTAGE < 1 MINUTE	STORMWIND	21/03/2013	04:41:00	21/03/2013	04:41:00	0.00	KEITH - KINCRAIG	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	TIPS A - TORRENS	INSULADVERTANT TRIP FROM ORIGIN	3RD PARTY	25/03/2013	06:32:00	25/03/2013	07:40:00	1.13	TIPS A - TORRENS	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	3RD PARTY OUTAGE
S1	DAVENPORT - PIMBA	OUTAGE < 1 MINUTE	STORMWIND	31/03/2013	06:24:00	31/03/2013	06:24:00	0.00	DAVENPORT - PIM	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	DAVENPORT - PIMBA	OUTAGE < 1 MINUTE	STORMWIND	31/03/2013	07:17:00	31/03/2013	07:17:00	0.00	DAVENPORT - PIM	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	MOKOTA - HALLET	HI ISOLATION FOR HALLETT HILL WIND	CUSTOMER REQUEST	4/04/2013	07:10:00	4/04/2013	20:15:00	13.08	MOKOTA - HALLET	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR HALLETT HILL WIND FARM PERSONNEL
S1	BELALIE - NORTH	BRISMALE FOR NORTH BROWN HILL	CUSTOMER REQUEST	8/04/2013	07:03:00	10/04/2013	18:15:00	59.20	BELALIE - NORTH B	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR NORTH BROWN HILL WIND FARM PERSONNEL
S1	DALRYMPLE - WATTL	MAINTENANCE AT WATTLE POINT	CUSTOMER REQUEST	8/04/2013	08:27:00	8/04/2013	13:47:00	5.33	DALRYMPLE - WAT	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR WATTLE POINT WIND FARM FOR AGL
S1	PLAYFORD - NORTH	THE SWITCHING FOR AUGUSTA OPERATORS	CUSTOMER REQUEST	8/04/2013	10:10:00	23/04/2013	13:05:00	362.82	PLAYFORD - NOR	N/A	N/A	2.2 3RD PARTY OUTAGE	TO ISOLATE PLAYFORD - NORTHERN POWER STATION 132KV LINE AT NPS FOR AUGUSTA OPERATORS
S1	TIPS A - TORRENS	ISOLATION FOR INTERNATIONAL PROJECT	CUSTOMER REQUEST	10/04/2013	08:08:00	17/04/2013	14:12:00	174.01	TIPS A - TORRENS	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	OUTAGE OF UNREGULATED LINE FOR REGULATED PROJECT
S1	BELALIE - PORCUPINE	OUTAGE FOR PORCUPINE RANGE	CUSTOMER REQUEST	11/04/2013	08:16:00	11/04/2013	11:27:00	3.18	BELALIE - PORCUP	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR PORCUPINE RANGE PERSONNEL
S1	PELICAN POINT - PEL	ISOLATION FOR INTERNATIONAL PROJECT	CUSTOMER REQUEST	12/04/2013	11:50:00	12/04/2013	19:43:00	7.88	PELICAN POINT - P	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR INTERNATIONAL POWER
S1	PELICAN POINT - PEL	ISOLATION FOR INTERNATIONAL PROJECT	CUSTOMER REQUEST	13/04/2013	10:49:00	13/04/2013	19:41:00	8.87	PELICAN POINT - P	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR INTERNATIONAL POWER
S1	TIPS A - TORRENS	ISOLATION FOR CAPITAL PROJECT WORK	TIPS 66KV SECTION SECOND	19/04/2013	10:12:00	26/04/2013	16:05:00	173.88	TIPS A - TORRENS	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	OUTAGE OF UNREGULATED LINE FOR REGULATED PROJECT
S1	DAVENPORT - LEIGH	OUTAGE DUE TO VANDALISM	EXTERNAL PARTY	29/04/2013	04:59:00	29/04/2013	15:14:00	10.25	DAVENPORT - LEIG	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS
S1	TIPS A - TORRENS	ISOLATION FOR SA WATER	CUSTOMER REQUEST	30/04/2013	08:27:00	30/04/2013	15:44:00	7.28	TIPS A - TORRENS	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR SA WATER
S1	MURRAYLINK REDCL	SUPERVISORY SHUT DOWN / SWIT	CUSTOMER REQUEST	9/05/2013	05:30:00	9/05/2013	22:48:00	17.38	MURRAYLINK REDC	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR GRAYLING PERSONNEL
S1	OLYMPIC DAM NORTH	ISOLATION FOR BHP BILLITON PERSONNEL	CUSTOMER REQUEST	9/05/2013	08:37:00	9/05/2013	13:03:00	4.43	OLYMPIC DAM NOR	N/A	N/A	2.2 3RD PARTY OUTAGE	ISOLATION FOR BHP BILLITON PERSONNEL FOR INSULATOR WASHING
S1	MURRAYLINK REDCL	SUPERVISORY SHUT DOWN / SWIT	CUSTOMER REQUEST	15/05/2013	15:50:00	7/06/2013	19:40:00	55.58	MURRAYLINK REDC	N/A	N/A	2.2 3RD PARTY OUTAGE	OUTAGE FOR GRAYLING PERSONNEL
S1	TIPS A - TORRENS	ISOLATION FOR TRIP FROM ORIGIN	3RD PARTY	17/05/2013	06:22:00	17/05/2013	07:54:00	1.53	TIPS A - TORRENS	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	3RD PARTY OUTAGE
S1	PLAYFORD - NORTH	THE SWITCHING FOR SA WATER	EXTERNAL PARTY	17/05/2013	07:43:00	17/05/2013	08:36:00	1.88	PLAYFORD - NOR	N/A	N/A	2.1 UNREGULATED TRANSMISSION ASSET	3RD PARTY OUTAGE
S1	DAVENPORT - NORTH	LINE ISOLATED AND EARTHED FOR	CUSTOMER REQUEST	28/05/2013	09:08:00	7/06/2013	16:41:00	247.58	DAVENPORT - NOR	N/A	N/A	2.2 3RD PARTY OUTAGE	ISOLATION FOR ALINTA ENERGY
S1	PARA - BUNGAMA 2	750V OUTAGE < 1 MINUTE	STORMWIND	11/06/2013	15:19:00	11/06/2013	15:19:00	0.00	PARA - BUNGAMA 2	N/A	N/A	TRANSIENT INTERRUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFULLY RECLOSE
S1	BELALIE - NORTH	BRISMALE FOR NORTH BROWN HILL	CUSTOMER REQUEST	26/06/2013	13:07:00	27/06/2013	08:20:00	19.38	BELALIE - NORTH B	N/A	N/A	2.2 3RD PARTY OUTAGE	SWITCHING FOR NORTH BROWN HILL WIND FARM
S1													
Single transmission line/substation redevelopment projects													
S1			SOUTH EAST BACKBONE TELECOMS STAGE2 (11628)	accumulated hours from previous years				655.53					
S1	MANNUM - MOBILONG	CAPITAL PROJECT WORK	SOUTH EAST BACKBONE TEL	20/01/2013	08:05:00	22/01/2013	13:37:00	83.53	MANNUM - MOBILONG	N/A	-0.0112%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS - 14 DAY CAP APPLIED TO PREVIOUS YEARS
S1													
S1			DAVENPORT 50MVAR REACTOR INSTALLATION (10389)	accumulated hours from previous years				245.42					
S1	BELALIE - DAVENPORT	CAPITAL PROJECT WORK	DAVENPORT 50MVAR REACT	14/02/2013	07:56:00	22/02/2013	16:41:00	200.75	BELALIE - DAVENPORT	N/A	-0.0231%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS - 14 DAY CAP APPLIED TO PREVIOUS YEARS
S1	BELALIE - DAVENPORT	CAPITAL PROJECT WORK	DAVENPORT 50MVAR REACT	23/03/2013	07:47:00	26/03/2013	16:02:00	80.25	BELALIE - DAVENPORT	N/A	-0.0168%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS - 14 DAY CAP APPLIED TO PREVIOUS YEARS
S1													
S1			CLARE NORTH NEW 132_33KV SUBSTATION (10370)	accumulated hours from previous years				2030.75					
S1	CLARE NORTH - BRIN	CAPITAL PROJECT WORK	CLARE NORTH NEW 132_33KV	10/04/2013	11:01:00	19/04/2013	14:03:00	219.03	CLARE NORTH - BR	N/A	-0.0458%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS - 14 DAY CAP APPLIED TO PREVIOUS YEARS
S1	CLARE NORTH - MINTI	CAPITAL PROJECT WORK	CLARE NORTH NEW 132_33KV	10/04/2013	11:11:00	19/04/2013	14:03:00	218.87	CLARE NORTH - MINTI	N/A	-0.0458%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS - 14 DAY CAP APPLIED TO PREVIOUS YEARS
S1													
S1													
S1	HAPPY VALLEY - MAG	CAPITAL PROJECT WORK	INNER EASTERN HILLS TELE	3/04/2013	8:18:00	10/04/2013	15:05:00	174.78	HAPPY VALLEY - MA	N/A	0.0000%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	HAPPY VALLEY - MAG	CAPITAL PROJECT WORK	INNER EASTERN HILLS TELE	16/04/2013	8:13:00	23/04/2013	13:02:00	172.83	HAPPY VALLEY - MA	N/A	-0.0024%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	HAPPY VALLEY - MAG	CAPITAL PROJECT WORK	INNER EASTERN HILLS TELE	30/04/2013	8:47:00	8/05/2013	15:25:00	198.63	HAPPY VALLEY - MA	N/A	-0.0416%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1													
S1													
S1	DAVENPORT - WHYALLA	CAPITAL PROJECT WORK	WHYALLA TERMINAL SUBSTA	30/04/2013	08:10:00	16/05/2013	17:57:00	393.78	DAVENPORT - WHY	N/A	-0.0121%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1													
S1													
S1			CULTANAT 275_132KV AUGMENTATION (11101)	accumulated hours from previous years				27.67					
S1	DAVENPORT - WHYALLA	CAPITAL PROJECT WORK	CULTANAT 275_132KV AUGM	13/02/2013	07:57:00	21/02/2013	08:09:00	193.20	DAVENPORT - WHY	N/A	0.0000%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	DAVENPORT - WHYALLA	CAPITAL PROJECT WORK	CULTANAT 275_132KV AUGM	10/03/2013	07:40:00	1/03/2013	16:14:00	84.77	DAVENPORT - WHY	N/A	0.0000%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	DAVENPORT - CULTA	CAPITAL PROJECT WORK	CULTANAT 275_132KV AUGM	18/05/2013	08:15:00	20/05/2013	17:09:00	56.90	DAVENPORT - CULT	N/A	0.0000%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	CULTANA - WHYALLA	CAPITAL PROJECT WORK	CULTANAT 275_132KV AUGM	20/05/2013	17:13:00	31/05/2013	16:08:00	262.92	CULTANA - WHYALLA	N/A	-0.0446%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	DAVENPORT - CULTA	CAPITAL PROJECT WORK	CULTANAT 275_132KV AUGM	24/06/2013	12:32:00	1/07/2013	00:00:00	155.47	DAVENPORT - CULT	N/A	-0.0325%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1													
S1													
S1			TIPS 66KV SECTION SECONDARY SYSTEMS PLUS MINOR PRIMARY PLAN	accumulated hours from previous years				152.43					
S1	NEW OSBORNE - TIPS	CAPITAL PROJECT WORK	TIPS 66KV SECTION SECOND	10/04/2013	09:22:00	10/04/2013	13:05:00	3.72	NEW OSBORNE - T	N/A	0.0000%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1	NEW OSBORNE - TIPS	CAPITAL PROJECT WORK	TIPS 66KV SECTION SECOND	14/06/2013	08:25:00	28/06/2013	16:49:00	344.40	NEW OSBORNE - T	N/A	-0.0344%	1.5 CAPPED OUTAGES	CAPPED AGGREGATE OUTAGE DURATION TO 336HRS
S1													
S1													
S1			TIPS A 275KV SECONDARY SYSTEMS REPLACEMENT (11439)	accumulated hours from previous years									

ElectraNet - Proposed exclusions - Loss of supply events

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	Start time	End date	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	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 of event		End date and time of event		Name of circuits or plant affected	The max system 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 LOS 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 exclusion event. TNSP to provide reference.	
S4	Loss of supply event frequency (>0.05 system minutes)	Event 2923 - Davenport - Leigh Creek 132kV line	On Monday 29 April 2013 at 0459 the Davenport - Leigh Creek 132kV line tripped. A patrol found the line insulators had been shot at to the point where the porcelain disks were completely removed. Approximately 1.7MW of load was lost at Leigh Creek Coalfield, 0.5MW at Leigh Creek South and 0.3MW at Neuroodla, all for 10hrs resulting in a 0.33SM event. This event has increased the > 0.05 and > 0.2 SM from 3 to 4 and the AOD from 325 to 383 minutes. This event has been classified as External Party but is equivalent to a 3rd Party event, hence	29/04/2013	4:49	29/04/2013	15:14	Lewigh Creek Coal Field	3413	1.7MW for 10.25hrs	1	3rd Party	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS	
S4								Leigh Creek South		0.5MW for 10.25hrs				
S4									Neuroodla		0.3MW for 10.25hrs			
S4														
S4														
S5	Loss of supply event frequency (>0.2 system minutes)	Event 2923 - Davenport - Leigh Creek 132kV line	On Monday 29 April 2013 at 0459 the Davenport - Leigh Creek 132kV line tripped. A patrol found the line insulators had been shot at to the point where the porcelain disks were completely removed. Approximately 1.7MW of load was lost at Leigh Creek Coalfield, 0.5MW at Leigh Creek South and 0.3MW at Neuroodla, all for 10hrs resulting in a 0.33SM event. This event has increased the > 0.05 and > 0.2 SM from 3 to 4 and the AOD from 325 to 383 minutes. This event has been classified as External Party but is equivalent to a 3rd Party event, hence	29/04/2013	4:59	29/04/2013	15:14	Lewigh Creek Coal Field	3413	1.7MW for 10.25hrs	1	3rd Party	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS	
S5								Leigh Creek South		0.5MW for 10.25hrs				
S5									Neuroodla		0.3MW for 10.25hrs			
S5														
S5														

NOTE:

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

Each proposed exclusion should include a description of the event, a description of the impact and quantification of the impact on the network and performance. The descriptive elements should also include reasons for the exclusion request making reference to the "Exclusion Definitions" worksheet.

Each exclusion should be entered onto one row for each parameter. Where one exclusion event applies to more than one parameter, the relevant details of the event should be entered under each of the measure headings.

The TNSP must provide details for all events requested for exclusion in this template. In the event that the TNSP wishes to provide further details of an exclusion, this should be provided with the TNSP's performance report. The source of information should be referenced in this template.

ElectraNet - Proposed exclusions - Average outage duration

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	Start time	End date	End time	Circuits affected	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 of event		End date and time of event		Name of circuits or plant affected	Impact of exclusion event on AOD Parameter	Impact of capped exclusion event on AOD 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 1.2 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S6	Average outage duration (minutes)	Event 2923 - Davenport - Leigh Creek 132kV line	On Monday 29 April 2013 at 0459 the Davenport - Leigh Creek 132KV line tripped. A patrol found the line insulators had been shot at to the point where the porcelain disks were completely removed. Approximately 1.7MW of load was lost at Leigh Creek Coalfield, 0.5MW at Leigh Creek South and 0.3MW at Neuroodla, all for 10hrs resulting in a 0.33SM event. This event has increased the > 0.05 and > 0.2 SM from 3 to 4 and the AOD from 325 to 383 minutes. This event has been classified as External Party but is equivalent to a 3rd Party event, hence	29/04/2013	4:59	29/04/2013	15:14	Lewigh Creek Coal Field	615	1	3rd Party	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS
S6				29/04/2013	4:59	29/04/2013	15:14	Leigh Creek South	615	1	3rd Party	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS
S6				29/04/2013	4:59	29/04/2013	15:14	Neuroodla	615	1	3rd Party	OUTAGE DUE TO INSULATORS DAMAGED AFTER BEING SHOT AT BY VANDALS
S6												
S6												

NOTE:

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

Each proposed exclusion should include a description of the event, a description of the impact and quantification of the impact on the network and performance. The descriptive elements should also include reasons for the exclusion request making reference to the "Exclusion Definitions" worksheet.

Each exclusion should be entered onto one row for each parameter. Where one exclusion event applies to more than one parameter, the relevant details of the event should be entered under each of the measure headings.

The TNSP must provide details for all events requested for exclusion in this template. In the event that the TNSP wishes to provide further details of an exclusion, this should be provided with the TNSP's performance report. The source of information should be referenced in this template.

ElectraNet - S1 - Total transmission circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Total transmission circuit availability	98.80%	99.10%	99.47%	99.63%	99.80%
Weighting	-0.30%	-0.30%	0.00%	0.30%	0.30%

Performance Formulae	Formulae				Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.003000			Availability < 99.10%	-0.003000	-0.003000
	=	0.810811	x	Availability	99.10% ≤ Availability ≤ 99.47%	-0.003784	-0.000689
	=	1.875000	x	Availability	99.47% ≤ Availability ≤ 99.63%	-0.008751	-0.001593
	=	0.003000			99.63% < Availability	0.003000	0.003000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Total transmission circuit availability	=	99.003258%	99.385039%
S-Factor	=	-0.300000%	-0.068887%

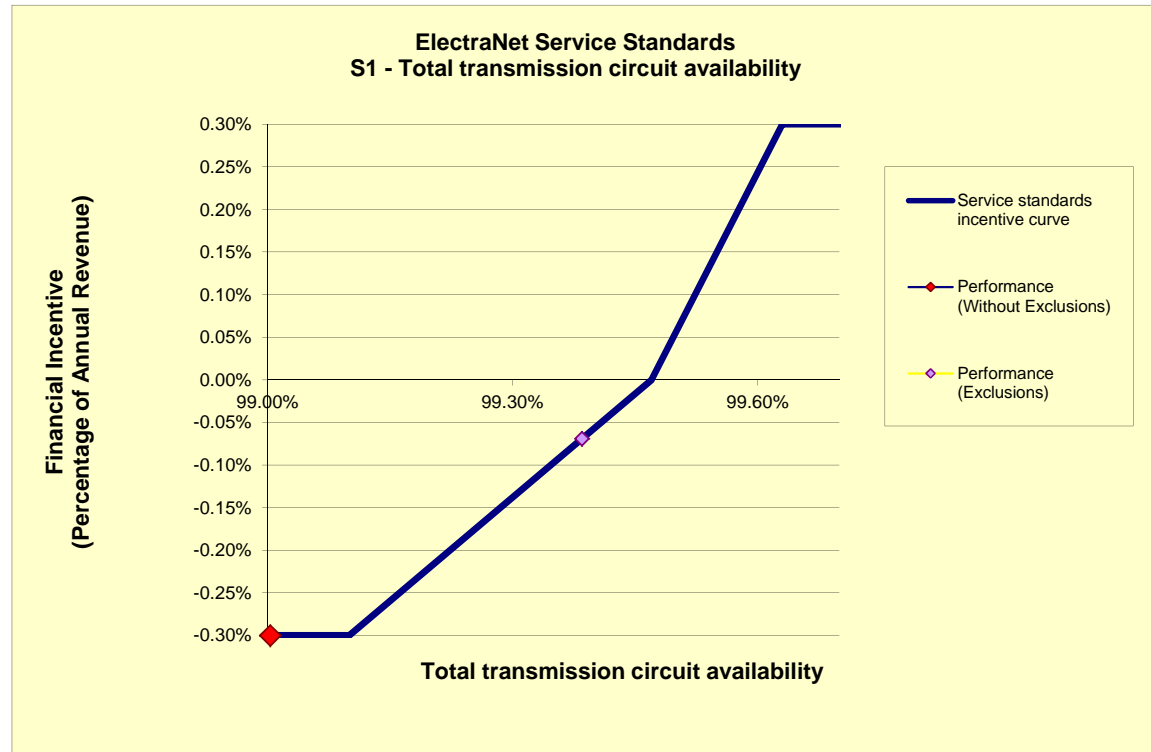
NOTE: This sheet will automatically update based on data in input sheets

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

Orange cells show the TNSP's performance outcomes with events excluded from performance data



ElectraNet - S2 - Critical circuit availability – peak

Performance Targets	Graph start	Collar	Target	Cap	Graph end
critical circuit availability – peak	98.30%	98.52%	99.24%	99.51%	99.70%
Weighting	-0.20%	-0.20%	0.00%	0.20%	0.20%

Performance Formulae	Formulae				Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.002000			When: Availability < 98.52%	-0.002000	-0.002000
	=	0.277778	x	Availability	+ 98.52% ≤ Availability ≤ 99.24%	0.000558	0.001593
	=	0.740741	x	Availability	+ 99.24% ≤ Availability ≤ 99.51%	0.001488	0.004249
	=	0.002000			99.51% < Availability	0.002000	0.002000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
critical circuit availability – peak	=	99.440924%	99.813577%
S-Factor	=	0.148833%	0.200000%

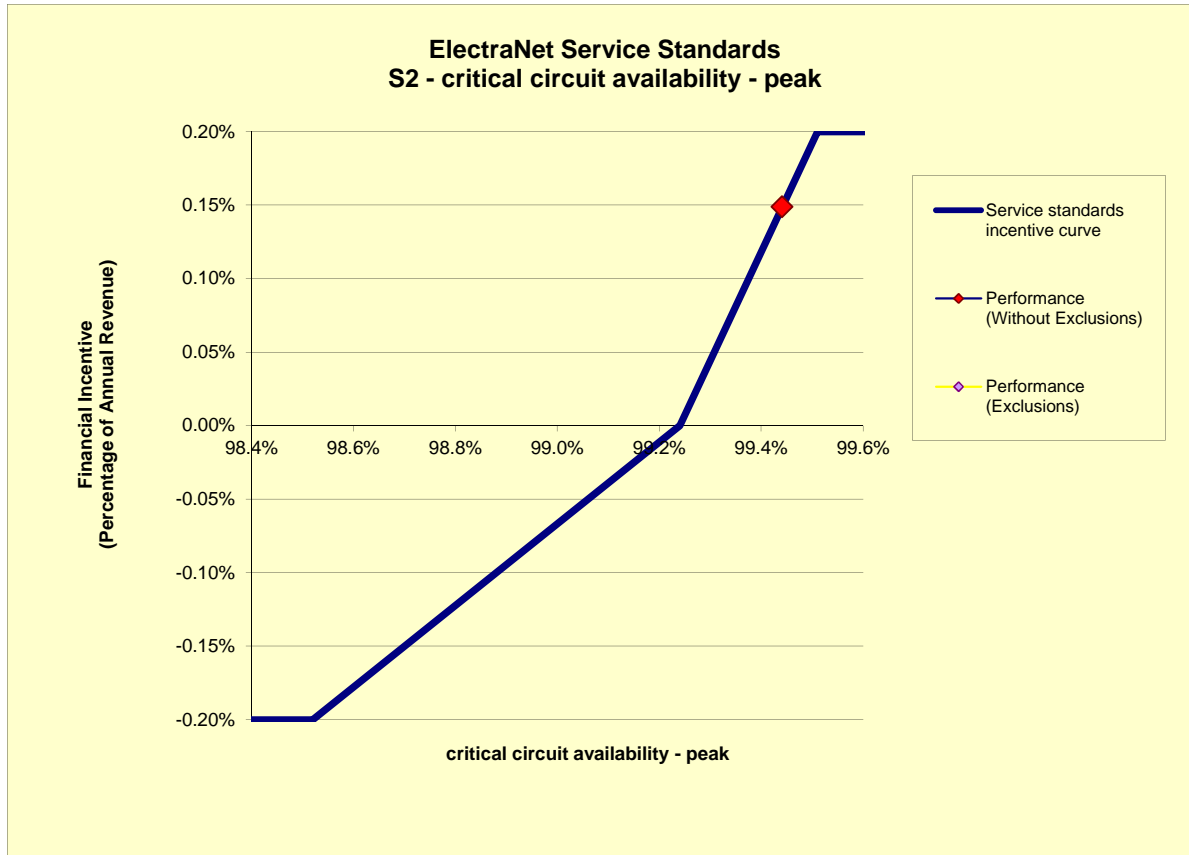
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ElectraNet - S3 - Critical circuit availability - non-peak (zero weighting)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Circuit availability – non-peak (zero Weighting)	98.70%	98.88%	99.62%	99.95%	100.20%
	0.00%	0.00%	0.00%	0.00%	0.00%

Performance Formulae	Formulae				Conditions				S- Calc 1	S- Calc 2			
Performance	=	0.000000			When:	Availability	<	98.88%	0.000000	0.000000			
	=	0.000000	x	Availability	+	0.000000	98.88%	≤	Availability	≤	99.62%	0.000000	0.000000
	=	0.000000	x	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)
Circuit availability – non-peak (zero	=	99.550820%	99.998138%
S-Factor	=	0.000000%	0.000000%

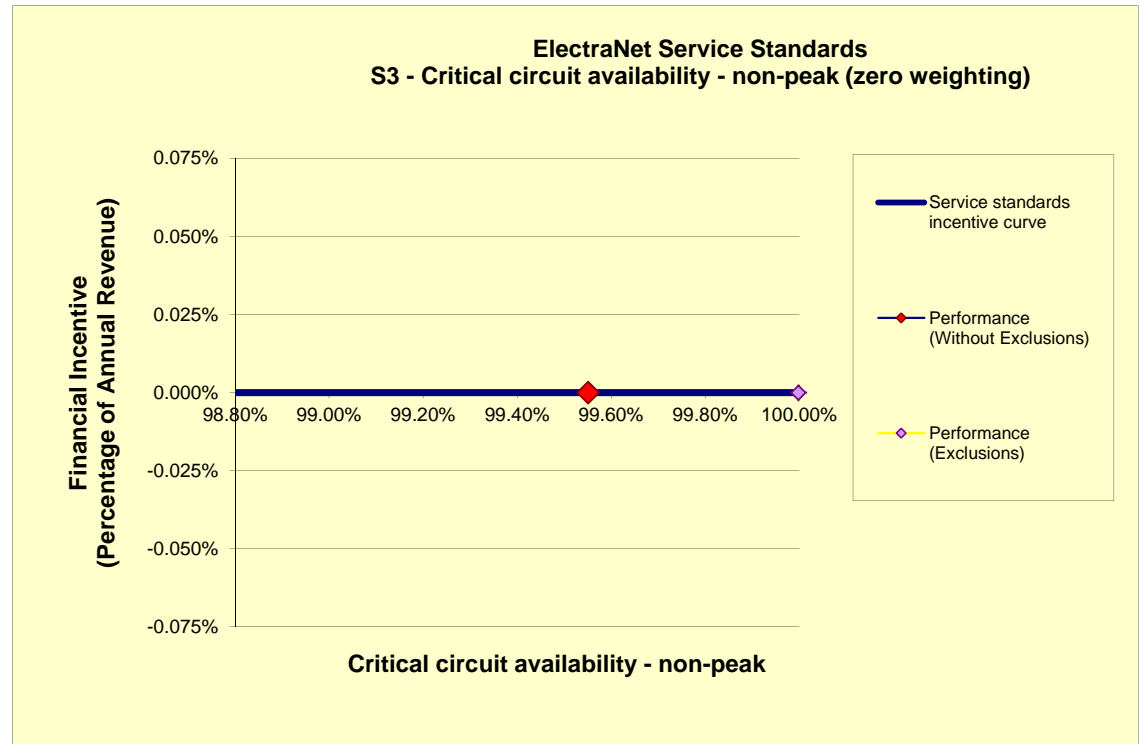
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ElectraNet - S4 - Loss of supply event frequency (>0.05 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (>0.05 system minutes)	8	6	4	3	-
Weighting	-0.10%	-0.100%	0.00%	0.100%	0.10%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2	
Performance	=	-0.001000				6 < No. of events	-0.001000	-0.001000	
	=	-0.000500	x	No. of events	+	0.002000	4 ≤ No. of events ≤ 6	0.000000	0.000500
	=	-0.001000	x	No. of events	+	0.004000	3 ≤ No. of events ≤ 4	0.000000	0.001000
	=	0.001000					No. of events < 3	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)	=	4	3
S-Factor	=	0.000000%	0.100000%

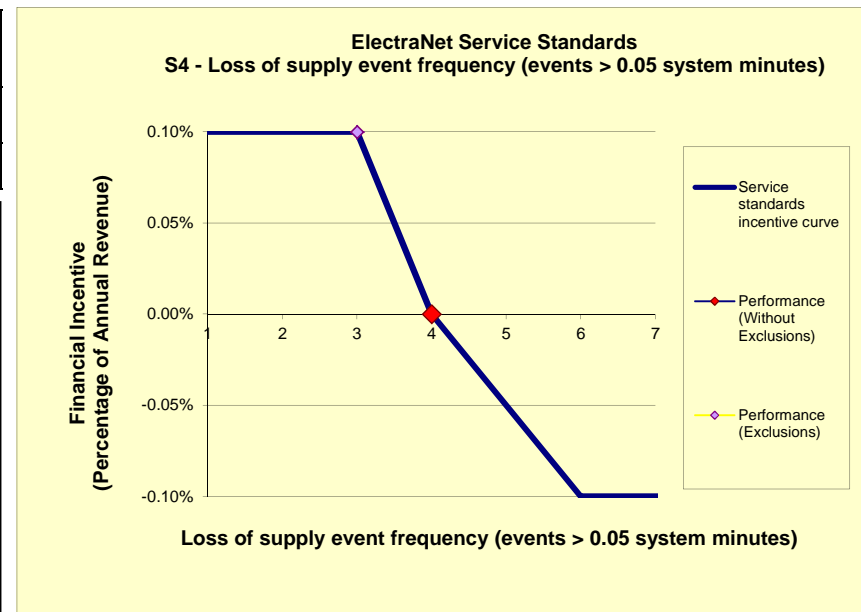
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ElectraNet - S5 - Loss of supply event frequency (>0.2 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (>0.2 system minutes)	5	3	2	1	0
Weighting	-0.20%	-0.200%	0.00%	0.200%	0.20%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2	
Performance	=	-0.002000				3 < No. of events	-0.002000	-0.002000	
	=	-0.002000	x	No. of events	+	0.004000	2 ≤ No. of events ≤ 3	-0.004000	-0.002000
	=	-0.002000	x	No. of events	+	0.004000	1 ≤ No. of events ≤ 2	-0.004000	-0.002000
	=	0.002000				No. of events = 1	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)	=	4	3
S-Factor	=	-0.200000%	-0.200000%

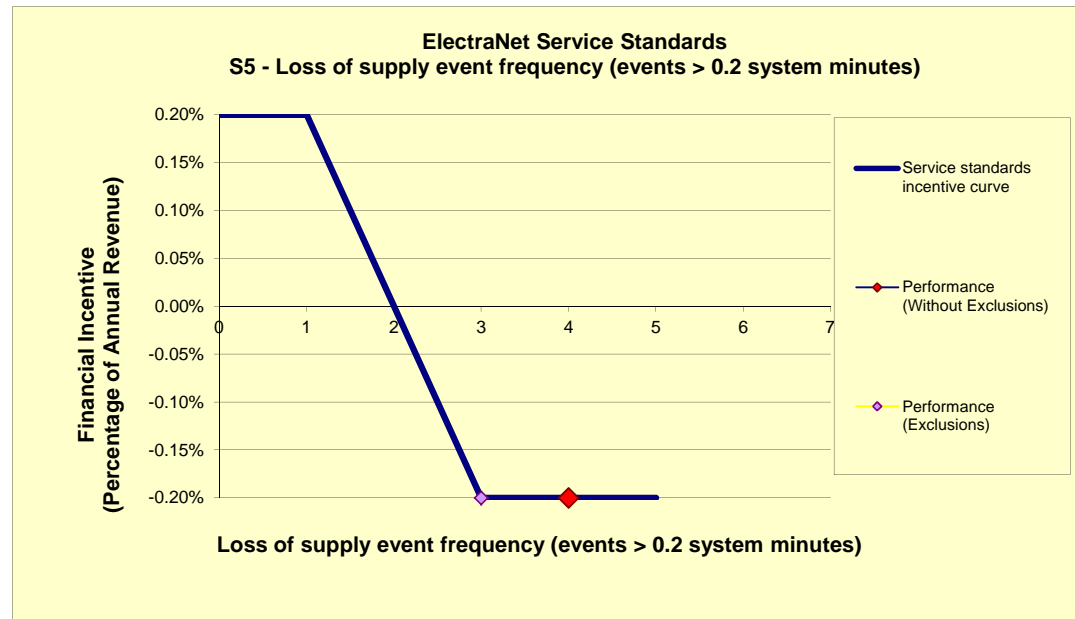
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Orange cells show the TNSP's performance outcomes with events excluded from performance data



ElectraNet - S6 - Average outage duration (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration (minutes)	319	119	78	38	-
Weighting	-0.20%	-0.200%	0.00%	0.200%	0.20%

Performance Formulae	Formulae						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	-0.012775	-0.009899
	=	-0.000050	x	Duration	+	0.003900	38	≤	Duration	≤	78	-0.013094	-0.010146
	=	0.002000							Duration	<	38	0.002000	0.002000

Average outage duration (minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration (minutes)	=	339.882353	280.928571
S-Factor		-0.200000%	-0.200000%

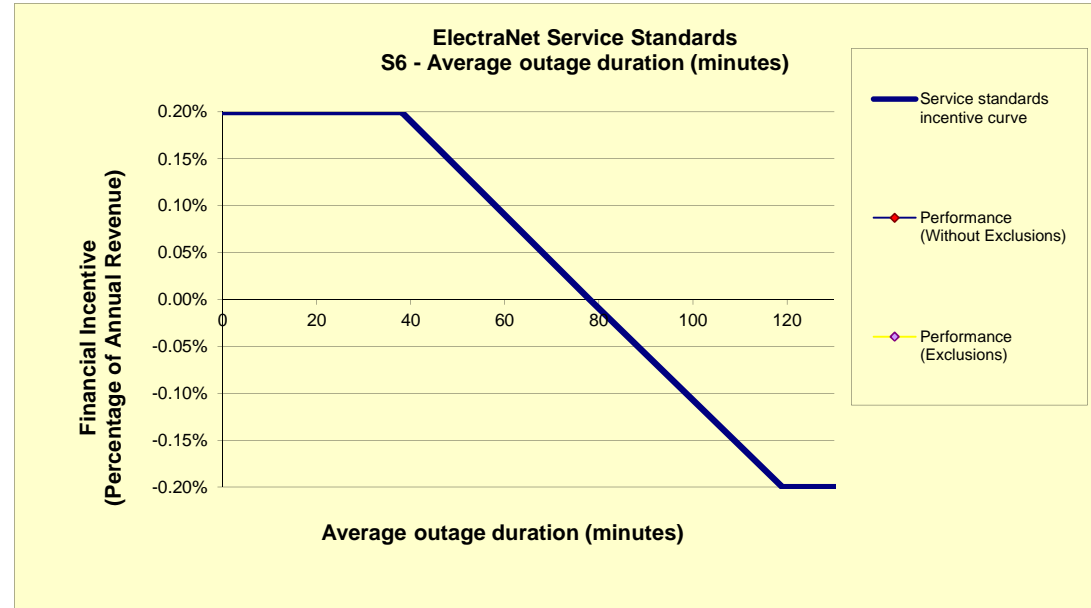
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Orange cells show the TNSP's performance outcomes with events excluded from performance data



ElectraNet - Revenue Calculation

X-factor from AER final decision

<i>Revenue cap information</i>	2008-09 to 2009-10
Base year allowed revenue (2008-09)	\$229,990,000
Base year	2008-09
X-factor	-5.93%
Commencement of regulatory period	1-Jul-08

X-factor after approval of Munno Para contingent project

<i>Revenue cap information</i>	2010-11 to 2012-13
Base year allowed revenue (2010-11)	\$272,077,206
Base year	2010-11
X-factor	-5.95%
Commencement of regulatory period	1-Jul-08

<i>Annual revenue adjusted for CPI</i>	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13
CPI	162.2	166.2	171.0	176.7	179.5	-
CPI	90.3	92.5	95.2	98.3	99.9	102.4

Nominal annual revenue	2008-09	2009-10	2010-11	2011-12	2012-13
Allowed Revenue	\$229,990,000	\$249,636,506	\$272,077,206	\$297,818,430	\$320,478,165

<i>Calendar year revenue</i>	2008	2009	2010	2011	2012	1H 2013
Revenue	\$114,995,000	\$239,813,253	\$260,856,856	\$284,947,818	\$309,148,298	\$160,239,083

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

\$160,239,083

S	Performance parameter	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
S1	Total transmission circuit availability	99.47%	99.003258%	-0.300000%	-\$480,717	99.385039%	-0.068887%	-\$110,384	0.231113%
S2	Critical circuit availability – peak	99.24%	99.440924%	0.148833%	\$238,488	99.813577%	0.200000%	\$320,478	0.051167%
S3	Critical circuit availability – non-peak (zero weighting)	99.62%	99.550820%	0.000000%	\$0	99.998138%	0.000000%	\$0	0.000000%
S4	Loss of supply event frequency (>0.05 system minutes)	4	4	0.000000%	\$0	3	0.100000%	\$160,239	0.100000%
S5	Loss of supply event frequency (>0.2 system minutes)	2	4	-0.200000%	-\$320,478	3	-0.200000%	-\$320,478	0.000000%
S6	Average outage duration (minutes)	78	340	-0.200000%	-\$320,478	281	-0.200000%	-\$320,478	0.000000%
TOTALS				-0.551167%	-\$883,186		-0.168887%	-\$270,623	0.382280%

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	-0.168887%
Financial Incentive	-\$270,623
Financial year affected by financial incentive	2014/15

ElectraNet - Defined exclusions

No. Parameter 1 - Transmission circuit availability		
Defined exclusions	Further description of exclusion	Reference
1.1 Unregulated transmission assets		Appendix C Revenue cap decision
1.2 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
1.3 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
1.4 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
1.5 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
1.6 Force majeure		Appendix D First proposed STPIS

No. Parameter 2 - Critical circuit availability – peak		
Defined exclusions	Further description of exclusion	Reference
2.1 Unregulated transmission assets		Appendix C Revenue cap decision
2.2 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
2.3 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
2.4 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
2.5 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
2.6 Force majeure		Appendix D First proposed STPIS

Parameter 3 - Loss of supply event (frequency >0.4 system minutes)		
Defined exclusions	Further description of exclusion	Reference
3.1 Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
3.2 Unregulated transmission assets		Appendix C Revenue cap decision
3.3 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 decision
3.4 Planned outages		Appendix C Revenue cap decision
3.5 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 any market failure to respond and restore load within required timeframes (ie. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decision
3.6 Pumping station supply interruptions	Pumping station supply interruptions were excluded from historical data due to the highly irregular nature of these loads, which makes accurate estimation of load profiles unreliable.	Appendix C Revenue cap decision
3.7 Force majeure		Appendix D First proposed STPIS
3.8 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 decision
3.9 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 decision

Parameter 4 - Loss of supply event (frequency >1.0 system minutes)		
Defined exclusions	Further description of exclusion	Reference
4.1 Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
4.2 Unregulated transmission assets		Appendix C Revenue cap decision
4.3 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 decision
4.4 Planned outages		Appendix C Revenue cap decision
4.5 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 any market failure to respond and restore load within required timeframes (ie. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decision
4.6 Pumping station supply interruptions	Pumping station supply interruptions were excluded from historical data due to the highly irregular nature of these loads, which makes accurate estimation of load profiles unreliable.	Appendix C Revenue cap decision
4.7 Force majeure		Appendix D First proposed STPIS
4.8 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 decision
4.9 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 decision

Parameter 5 - Average outage duration		
Defined exclusions	Further description of exclusion	Reference
5.1 Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
5.2 Unregulated transmission assets		Appendix C Revenue cap decision
5.3 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
5.4 Planned outages		Appendix C Revenue cap decision
5.5 Interconnector outages supply interruptions	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 decision
5.6 Force majeure		Appendix D First proposed STPIS
5.7 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 decision

No. Critical circuit availability – non-peak (zero weighting)		
Defined exclusions	Further description of exclusion	Reference
6.1 Unregulated transmission assets		Appendix C Revenue cap decision
6.2 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
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 Force majeure		Appendix D First proposed STPIS (January 2007)

Service Target Performance Incentive Scheme - Definition of Force Majeure

Definition of Force Majeure	Reference
<p>For the purpose of applying the <i>service target performance incentive scheme</i>, force majeure events means any event, act or circumstance or combination of events, acts and circumstances which (despite the observance of good electricity industry practice) is beyond the reasonable control of the part affected by any such event, which may include, without limitation, the following:</p> <ul style="list-style-type: none">- 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 force of nature.- 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 <p>In determining what force majeure events should be excluded the AER will consider the following:</p> <ul style="list-style-type: none">- 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?	<p>Service Target Performance Incentive Scheme (January 2007) p. 31</p>