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.

SP AusNet - SERVICE STANDARDS PERFORMANCE

S	Performance parameter	Collar	Target	Cap	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions) TNSP Version	Performance (With exclusions) AER Version
					Performance Inputs			
S1	Total circuit availability	98.41%	98.73%	99.05%	0.20%	99.0715%	99.1501%	-12611.3021
S2	Peak critical availability	98.62%	99.39%	99.78%	0.20%	99.4640%	99.6707%	-249.5054
S3	Peak non-critical availability	98.83%	99.40%	99.69%	0.05%	99.6328%	99.8138%	-95.8537
S4	Intermediate critical availability	97.29%	98.67%	99.36%	0.025%	99.7613%	99.8182%	-79.4654
S5	Intermediate non-critical availability	97.57%	98.73%	99.31%	0.025%	98.9699%	99.0058%	-1.9436
S6	Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	9	6	3	0.125%	1	1	1
S7	Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	4	1	0	0.125%	0	0	0
S8	Average outage duration– lines (minutes)	667	382	98	0.125%	319	319	123
S9	Average outage duration– transformers (minutes)	556	412	268	0.125%	818	818	733

Revenue Determination Inputs	
TNSP:	SP AusNet
STPIS version:	January, 2007
Regulatory Determination	2008/09-2013/14
Base Year Allowed Revenue	$454,974,504
Base Year	2008/09
X-factor	-1.01%
Commencement of regulatory year	1-Apr-08

Other inputs	
Assessment Period	2010
Financial year to affect revenue:	2011/12
Date prepared:	31 January 2011
Revision date:	

Other Inputs								
Annual revenue adjusted for CPI	Dec-07	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14
CPI	160.1	166.0	169.5	174.0				

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.

SP AusNet - S1 - Total circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Total circuit availability	98.20%	98.41%	98.73%	99.05%	99.30%
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	<	98.41%	-0.002000	-0.002000
	=	0.625000	x	Availability	+	-0.617063	98.41%	≤	Availability	≤	98.73%	0.002135	0.002626
	=	0.625000	x	Availability	+	-0.617062	98.73%	≤	Availability	≤	99.05%	0.002135	0.002626
	=	0.002000				99.05%	<	Availability			0.002000	0.002000

| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Total circuit availability	=	99.071540%	99.150103%
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

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

SP AUSNET SERVICE STANDARDS
S1 - Total circuit availability
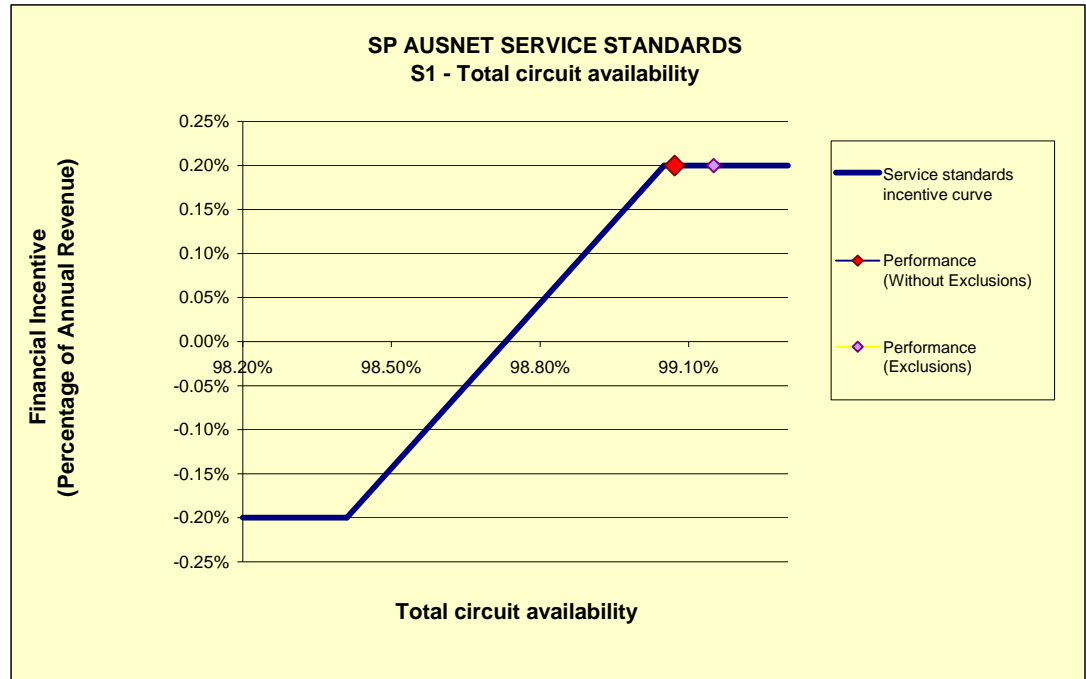
SP AusNet - S2 - Peak critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak critical availability	98.40%	98.62%	99.39%	99.78%	100.00%
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	<	98.62%	-0.002000	-0.002000
	=	0.259740	x	Availability	+	-0.258156	98.62%	≤	Availability	≤	99.39%	0.000192	0.000729
	=	0.512821	x	Availability	+	-0.509692	99.39%	≤	Availability	≤	99.78%	0.000380	0.001439
	=	0.002000					99.78%	<	Availability			0.002000	0.002000

| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Peak critical availability	=	99.464019%	99.670668%
S-Factor	=	0.037958%	0.143932%

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SP AUSNET SERVICE STANDARDS
S2 - Peak critical availability
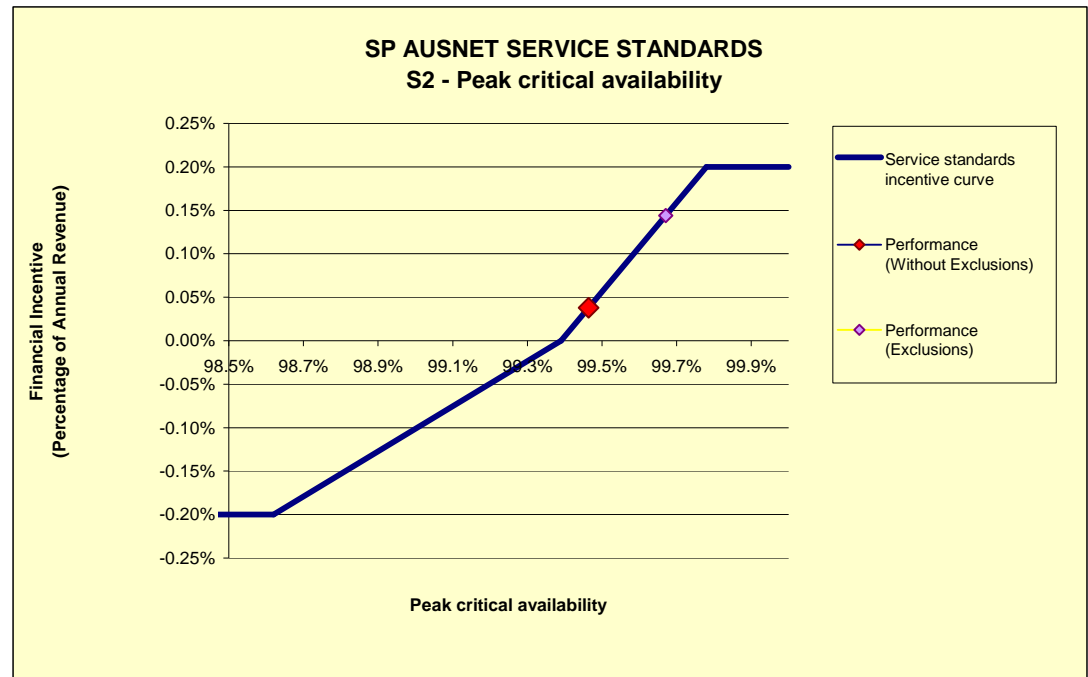
SP AusNet - S3 - Peak non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak non-critical availability	98.60%	98.83%	99.40%	99.69%	99.90%
Weighting	-0.05%	-0.05%	0.00%	0.05%	0.05%

Performance Formulae		Formulae				Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.000500				When:	Availability	<	98.83%		-0.000500	-0.000500
	=	0.087719	x	Availability	+ -0.087193	98.83% ≤	Availability	≤	99.40%		0.000204	0.000363
	=	0.172414	x	Availability	+ -0.171379	99.40% ≤	Availability	≤	99.69%		0.000401	0.000713
	=	0.000500				99.69% <	Availability				0.000500	0.000500

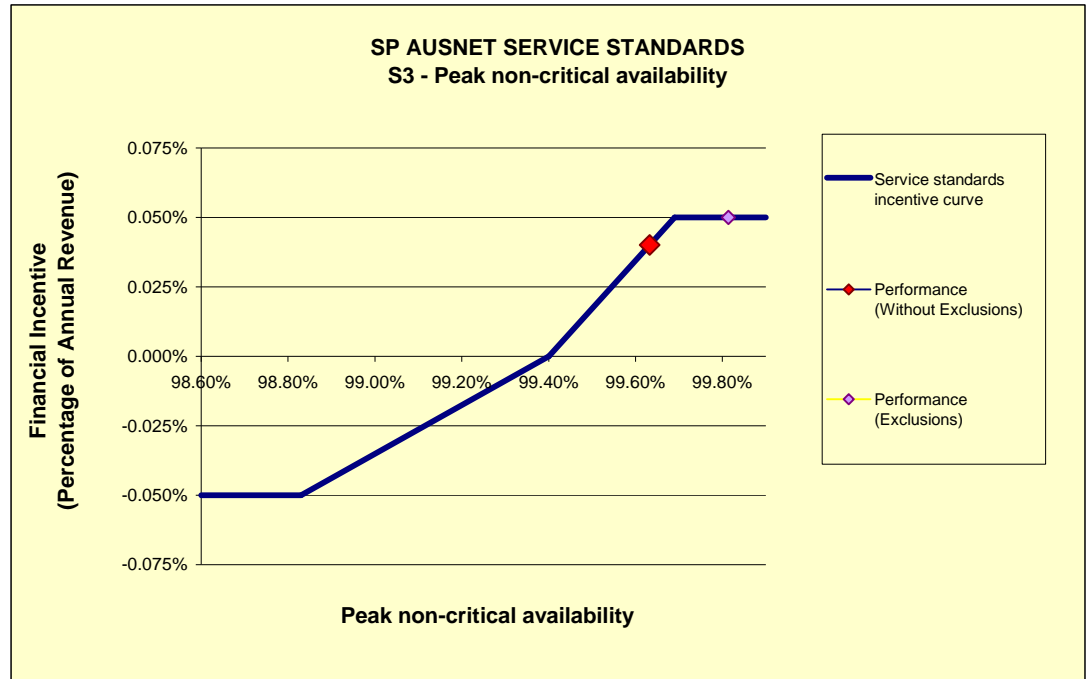| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Peak non-critical availability	=	99.632769%	99.813783%
S-Factor	=	0.040133%	0.050000%

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SP AUSNET SERVICE STANDARDS
S3 - Peak non-critical availability

Financial Incentive (Percentage of Annual Revenue) vs Peak non-critical availability

- Service standards incentive curve
- Performance (Without Exclusions)
- Performance (Exclusions)

SP AusNet - S4 - Intermediate critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate critical availability	97.10%	97.29%	98.67%	99.36%	99.60%
Weighting	-0.03%	-0.025%	0.00%	0.025%	0.03%

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.000250				When:	Availability	<	97.29%		-0.000250	-0.000250
	=	0.018116	x	Availability	+	-0.017875	97.29% ≤	Availability	≤	98.67%	0.000198	0.000208
	=	0.036232	x	Availability	+	-0.035750	98.67% ≤	Availability	≤	99.36%	0.000395	0.000416
	=	0.000250				99.36% <	Availability				0.000250	0.000250

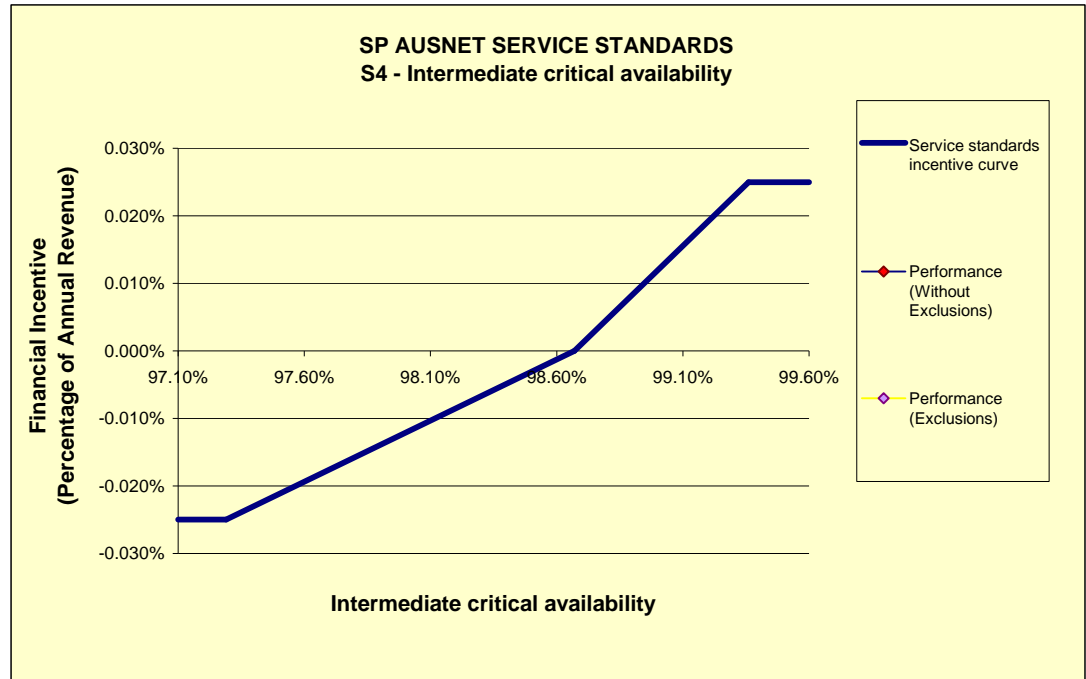| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Intermediate critical availability	=	99.761276%	99.818190%
S-Factor	=	0.025000%	0.025000%

NOTE:

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Pink cellsshow 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

SP AUSNET SERVICE STANDARDS
S4 - Intermediate critical availability

Financial Incentive (Percentage of Annual Revenue) vs Intermediate critical availability

Legend: Service standards incentive curve; Performance (Without Exclusions); Performance (Exclusions)

SP AusNet - S5 - Intermediate non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate non-critical availability	97.40%	97.57%	98.73%	99.31%	99.50%
Weighting	-0.03%	-0.03%	0.00%	0.03%	0.03%

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.000250				When:		Availability	<	97.57%	-0.000250	-0.000250
	=	0.021552	x	Availability	+	-0.021278	97.57%	≤	Availability	≤	98.73%	0.000052	0.000059
	=	0.043103	x	Availability	+	-0.042556	98.73%	≤	Availability	≤	99.31%	0.000103	0.000119
	=	0.000250					99.31%	<	Availability			0.000250	0.000250

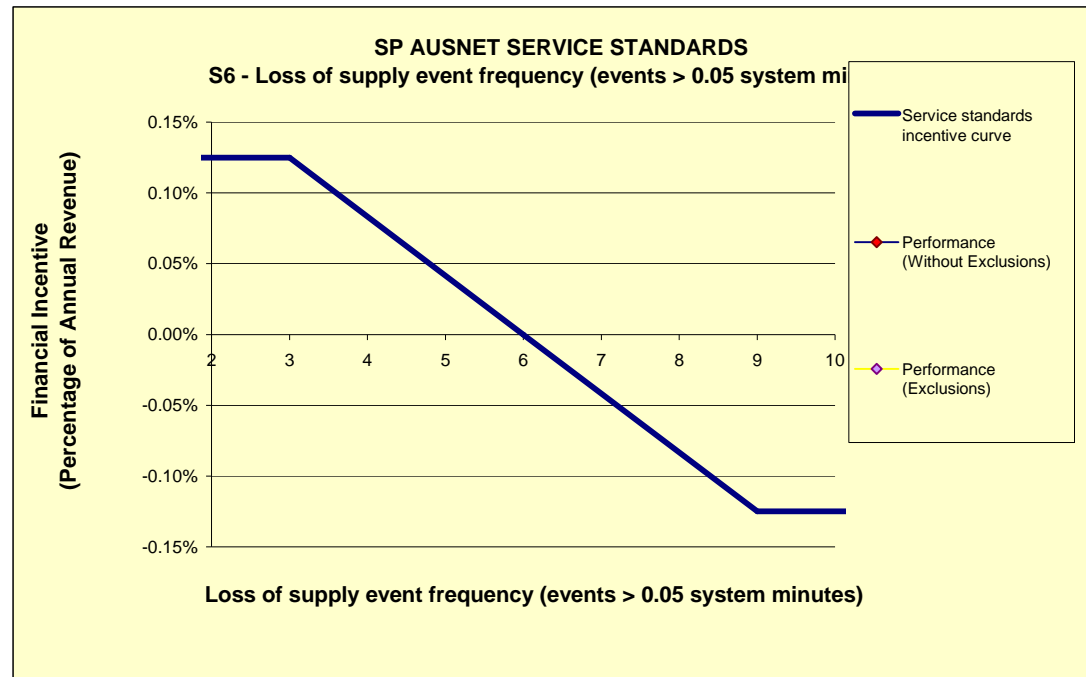| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Intermediate non-critical availability	=	98.969930%	99.005774%
S-Factor	=	0.010342%	0.011887%

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SP AUSNET SERVICE STANDARDS
S5 - Intermediate non-critical availability
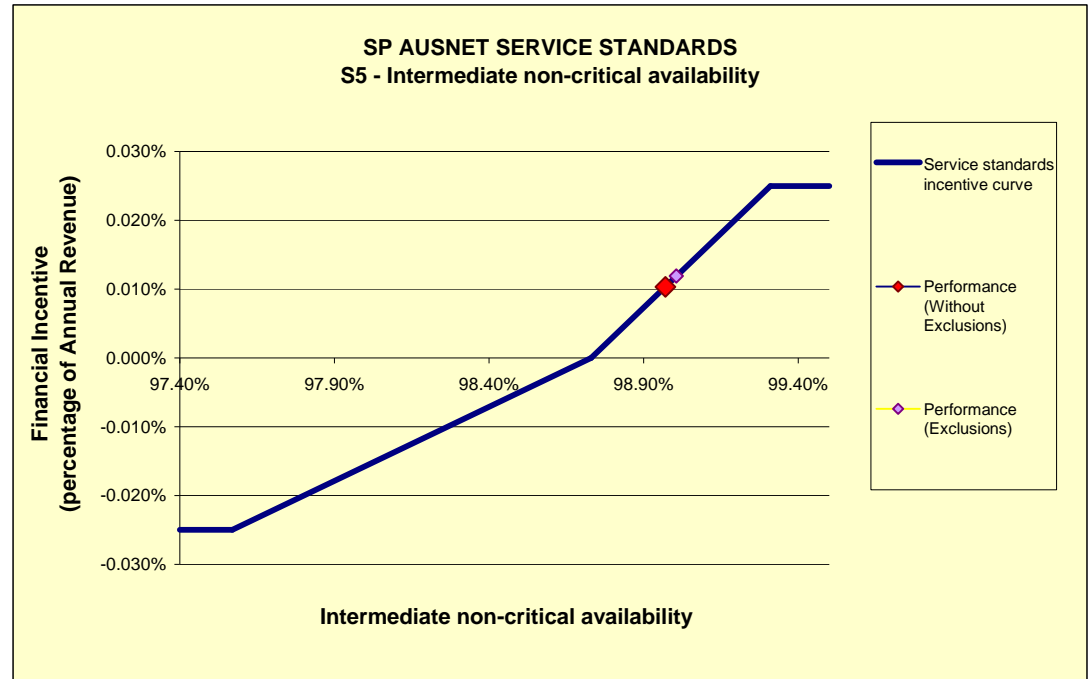
SP AusNet - S6 - Loss of supply event frequency (no. of events > 0.05 system minutes per annum)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	11	9	6	3	-
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.001250				9.00	<	No. of events			-0.001250	-0.001250
	=	-0.000417	x	No. of events	+	0.002500	6.00	≤	No. of events	≤	9.00	0.002083	0.002083
	=	-0.000417	x	No. of events	+	0.002500	3.00	≤	No. of events	≤	6.00	0.002083	0.002083
	=	0.001250					No. of events	<	3.00	0.001250	0.001250

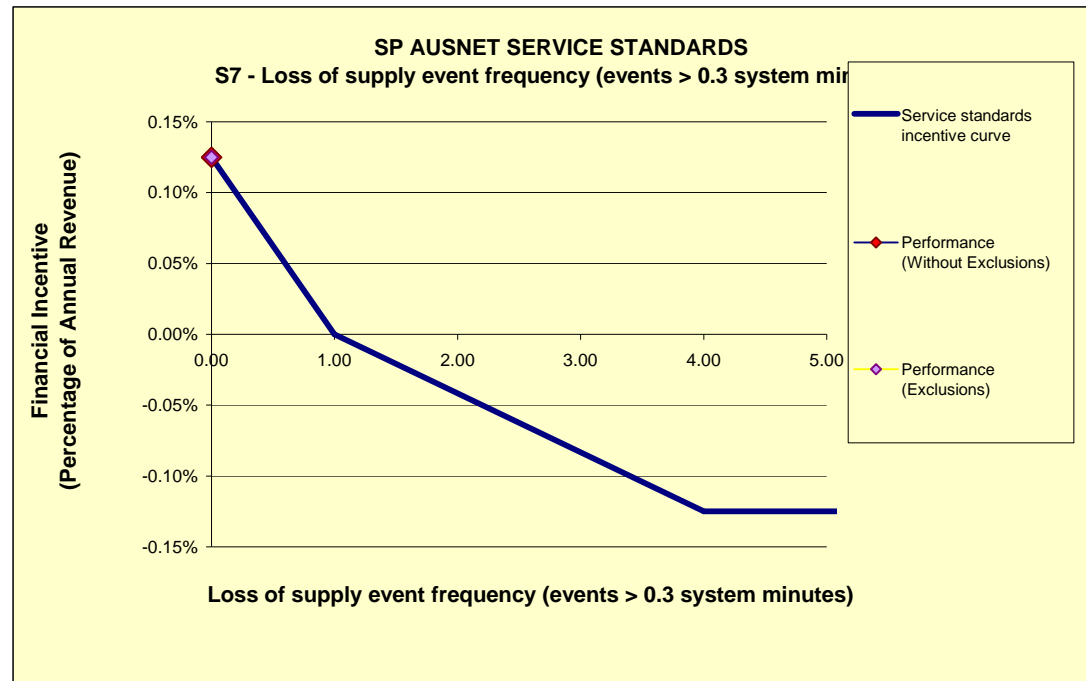| Loss of supply event frequency (no. of events > 0.05 system minutes per annum)		Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	=	1	1
S-Factor		0.125000%	0.125000%

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SP AUSNET SERVICE STANDARDS
S6 - Loss of supply event frequency (events > 0.05 system mi

Legend:
- Service standards incentive curve
- Performance (Without Exclusions)
- Performance (Exclusions)

X-axis: Loss of supply event frequency (events > 0.05 system minutes)
Y-axis: Financial Incentive (Percentage of Annual Revenue)

SP AusNet - S7 - Loss of supply event frequency (no. of events > 0.3 system minutes per annum)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	6	4	1	0	0
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae		Formulae				Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.001250				4.00	<	No. of events		-0.001250	-0.001250
	=	-0.000417	x	No. of events	+	0.000417	1.00	≤ No. of events ≤	4.00	0.000417	0.000417
	=	-0.001250	x	No. of events	+	0.001250	0.00	≤ No. of events ≤	1.00	0.001250	0.001250
	=	0.001250					No. of events	=	0.00	0.001250	0.001250

| Loss of supply event frequency (no. of events > 0.3 system minutes per annum)		Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	=	0	0
S-Factor		0.125000%	0.125000%

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SP AUSNET SERVICE STANDARDS
S7 - Loss of supply event frequency (events > 0.3 system min

Legend:
- Service standards incentive curve
- Performance (Without Exclusions)
- Performance (Exclusions)

Y-axis: Financial Incentive (Percentage of Annual Revenue)
X-axis: Loss of supply event frequency (events > 0.3 system minutes)

SP AusNet - S8 - Average outage duration– lines (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration– lines (minutes)	867	667	382	98	-
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae		Formulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.001250				667	<	Duration		-0.001250	-0.001250
	=	-0.000004	x	Duration	+	0.001675	382	≤	Duration	≤	667	0.000275	0.000275
	=	-0.000004	x	Duration	+	0.001681	98	≤	Duration	≤	382	0.000276	0.000276
	=	0.001250					Duration	<	98	0.001250	0.001250

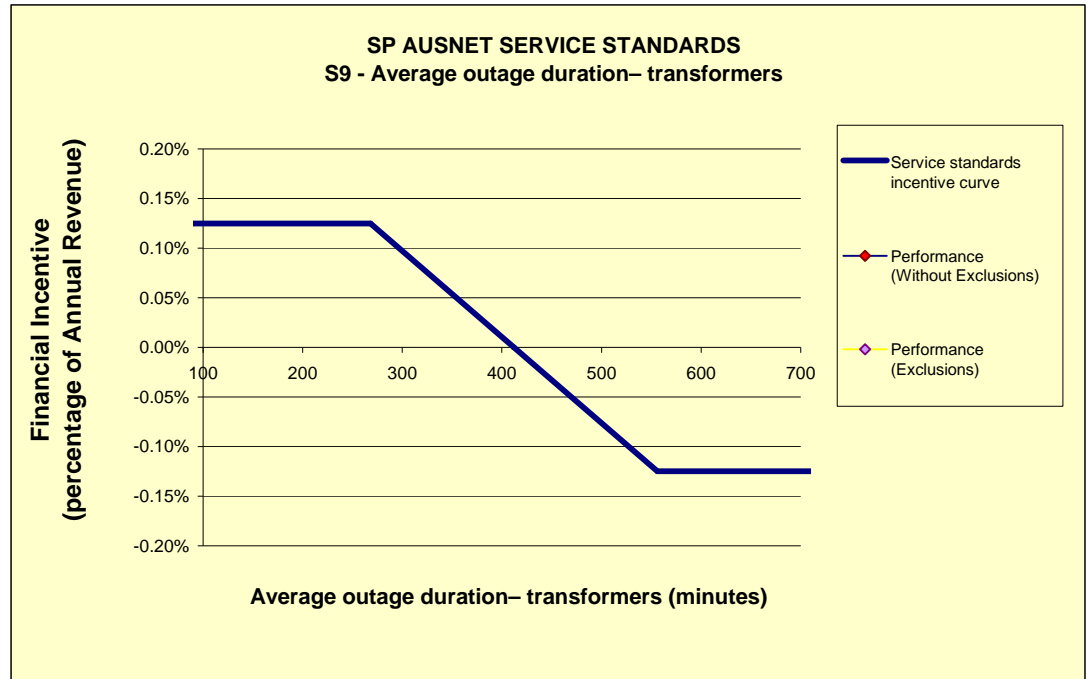| Average outage duration– lines (minutes)		Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration– lines (minutes)	=	319.216216	319.216216
S-Factor		0.027634%	0.027634%

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SP AUSNET SERVICE STANDARDS
S8 - Average outage duration– lines
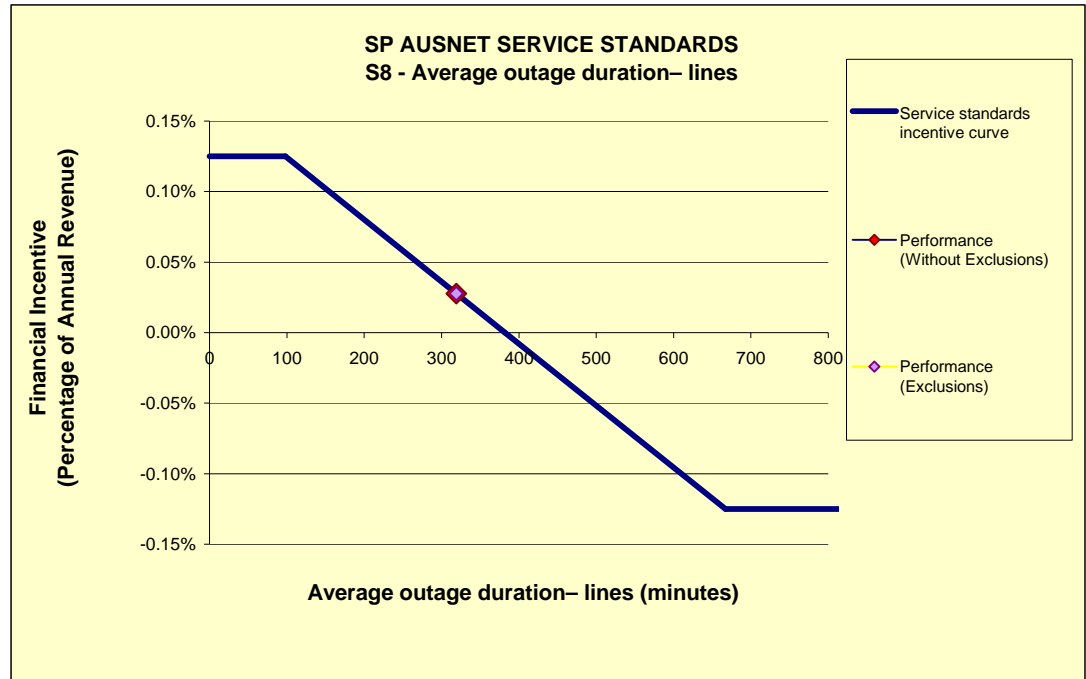
SP AusNet - S9 - Average outage duration– transformers (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration– transformers (minutes)	756	556	412	268	-
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae		Formulae						Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.001250				556.00	<	Duration			-0.001250	-0.001250
	=	-0.000009	x	Duration	+	0.003576	412.00	≤	Duration	≤	556.00	-0.003528	-0.003528
	=	-0.000009	x	Duration	+	0.003576	268.00	≤	Duration	≤	412.00	-0.003528	-0.003528
	=	0.001250					Duration	<	268.00			0.001250	0.001250

Average outage duration– transformers (minutes)		Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration– transformers (minutes)	=	818.416667	818.416667
S-Factor	=	-0.125000%	-0.125000%

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SP AUSNET SERVICE STANDARDS
S9 - Average outage duration– transformers

Legend:
- Service standards incentive curve
- Performance (Without Exclusions)
- Performance (Exclusions)

SP AusNet - Revenue Calculation

Revenue cap information	
Base year allowed revenue	$454,974,504
Base year	2008/09
X-factor	-1.01%
Commencement of regulatory period	1-Apr-08

Annual revenue adjusted for CPI	Dec-07	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13
CPI	160.1	166.0	169.5	174.0	-	-	-

Nominal annual revenue	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Allowed Revenue	$454,974,504	$476,505,796	$491,466,786	$509,610,174		

Calendar year revenue	2008	2009	2010	2011	2012	2013	2014
Revenue	$341,230,878	$471,122,973	$487,726,539	$505,074,327			

NOTE:

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

Grey cells show calendar year revenue

Green cells are for formula

SP AusNet's revenue stream operates on an April to March financial year basis.

SP AusNet - Performance outcomes

Revenue calendar year	$487,726,539

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 circuit availability	98.73%	99.071540%	0.200000%	$975,453	99.150103%	0.200000%	$975,453	0.000000%
S2	Peak critical availability	99.39%	99.464019%	0.037958%	$185,132	99.670668%	0.143932%	$701,995	0.105974%
S3	Peak non-critical availability	99.40%	99.632769%	0.040133%	$195,737	99.813783%	0.050000%	$243,863	0.009867%
S4	Intermediate critical availability	98.67%	99.761276%	0.025000%	$121,932	99.818190%	0.025000%	$121,932	0.000000%
S5	Intermediate non-critical availability	98.73%	98.969930%	0.010342%	$50,440	99.005774%	0.011887%	$57,975	0.001545%
S6	Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	6	1	0.125000%	$609,658	1	0.125000%	$609,658	0.000000%
S7	Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	1	0	0.125000%	$609,658	0	0.125000%	$609,658	0.000000%
S8	Average outage duration– lines (minutes)	382	319	0.027634%	$134,777	319	0.027634%	$134,777	0.000000%
S9	Average outage duration– transformers (minutes)	412	818	-0.125000%	-$609,658	818	-0.125000%	-$609,658	0.000000%
	TOTALS			0.466066%	$2,273,129		0.583453%	$2,845,653	0.117386%

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

Aggregate outcome	
S-factor	0.583453%
Financial Incentive	$2,845,653
Financial year affected by financial incentive	2011/12

Service Target Perfomance Incentive Scheme - Definition of Forece Majeure

Definition of Force Majeure	Reference

For the purpose of applying the *service target performance incentive scheme* , 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:
 	
    - 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.
    - 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
In 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?
	Service Target Performance Incentive Scheme (January 2007) p. 31