



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.

TasNetworks - SERVICE STANDARDS PERFORMANCE

Performance Inputs								
S	Performance parameter	Collar	Target	Cap	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions)	Checksum
S1	Transmission circuit availability (critical)	97.90%	99.13%	99.75%	0.20%	99.450051%	99.472077%	-0.01
S2	Transmission circuit availability (non-critical)	98.48%	98.97%	99.47%	0.10%	98.622304%	99.295181%	
S3	Transformer availability	98.67%	99.28%	99.90%	0.15%	99.447443%	99.448134%	
S4	Frequency of loss of supply events (Events > 0.1 system minutes)	21	15	9	0.20%	4	4	0.00
S5	Frequency of loss of supply events (Events > 1.0 system minutes)	4	2	0	0.35%	0	0	
S6	Average outage duration - transmission lines (no revenue attached)	529	326	124	0.00%	223	183	0.04
S7	Average outage duration - transformers (no revenue attached)	1428	712	354	0.00%	401	401	

Revenue Determination Inputs	
TNSP:	TasNetworks
STPIS version:	March, 2008
Regulatory Determination	2009/10 - 2013/14
Transitional year	2014-15
Base Year Allowed Revenue	\$177,210,840
Base Year	2009-10
X-factor	-5.53%
Commencement of regulatory year	1-Jul-09

Other inputs	
Assessment Period	2014
Financial year to affect revenue:	2014/15
Date prepared:	29 January 2015
Revision date:	
Circuit information	
Number of critical circuits	30
Number of non-critical circuits	77
Number of transformers	109

Average outage duration info (without exclusions)	
No. outages - lines	36
Total outage duration - lines (mins)	8043
No. outages - transformers	25
Total outage duration - transformers (mins)	10036

Average outage duration info (with exclusions)	
No. excluded outages - lines	7
Total no. outages - lines	29
Total outage duration - lines (mins)	5318
No. excluded outages - transformers	0
Total no. outages - transformers	25
Total outage duration - transformers (mins)	10036

Other Inputs						
Annual revenue adjusted for (Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14
CPI (old base)	166.2	171.0	176.7	179.5		
CPI (new base)	92.5	95.2	98.3	99.9	102.4	105.4

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.

TasNetworks - Proposed exclusions

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. 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	Name of any equipment affected	Impact of exclusion event on availability sub-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.	
S1	Transmission circuit availability (critical)	Generator requested outages	Various, see OMQ Data 2014 Spreadsheet	Multiple circuit outages, see OMQ Data 2014 Spreadsheet for details.				57.88	Various	see OMQ Data 2014 Spreadsheet	-0.000220	Defined Exclusion 1.3 Third Party Outage	For details see OMQ Data 2014 Spreadsheet, and exclusion support document D003 and D004, and investigation reports IR1632 and IR1636	
S1								0						
S1									0					
S1									0					
S1									0					
S1									0					
S2	Transmission circuit availability (non-critical)	Generator requested outages	Various, see OMQ Data 2014 Spreadsheet	Multiple circuit outages, see OMQ Data 2014 Spreadsheet for details.				3682.8	Various	see OMQ Data 2014 Spreadsheet	-0.005490	Defined Exclusion 1.3 Third Party Outage	For details see OMQ Data 2014 Spreadsheet, and exclusion support document D003 and D004	
S2		Generator shared outages	Various, see OMQ Data 2014 Spreadsheet	Multiple circuit outages, see OMQ Data 2014 Spreadsheet for details.				743.45	Various	see OMQ Data 2014 Spreadsheet	-0.001108	Defined Exclusion 1.3 Third Party Outage	For details see OMQ Data 2014 Spreadsheet, and exclusion support document D003 and D004	
S2		MI requested outages	Major Industrial customer TEMCO requested outages	Three circuit outages, see OMQ Data 2014 Spreadsheet for details.				87.68	GT-TE 2 110 kV Transmission Circuit		-0.000131	Defined Exclusion 1.3 Third Party Outage	See exclusion support document D001, D002 and D005	
S2								0						
S2								0						
S3	Transformer availability	Generator requested outage PROMS 126251	Hydro Tasmania G3 synchroniser commissioning tests	Hydro Tasmania G3 synchroniser commissioning tests	10/12/2014	9:29	10/12/2014	16:05	6.6	GO 220/22 kV T6 Transformer Circuit	-0.000007	Defined Exclusion 1.3 Third Party Outage	For details see OMQ Data 2014 Spreadsheet, and exclusion support document D003 and D004.	
S3									0					
S3									0					
S3									0					
S3									0					

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.

TasNetworks - Proposed exclusions

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	Frequency of loss of supply events (Events > 0.1 system minutes)													
S5	Frequency of loss of supply events (Events > 1.0 system minutes)													

NOTE:

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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.

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TasNetworks - Proposed exclusions

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 Outage	A TNSP may provide further details of an exclusion event. TNSP to provide reference.	
S6	Average outage duration - transmission lines (no revenue attached)	Generator requested outages	Various, see OMQ Data 2014 Spreadsheet	Multiple circuit outages, see OMQ Data 2014 Spreadsheet for details.					Various see OMQ Data 2014 Spreadsheet		40,000	Defined Exclusion 1.3 Third Party Outage	For details see OMQ Data 2014 Spreadsheet, and exclusion support document D003 and D004	
S7	Average outage duration - transformers (no revenue attached)													

NOTE:

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

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TasNetworks - S1 - Transmission circuit availability (critical)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Transmission circuit availability (critical)	97.70%	97.90%	99.13%	99.75%	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				Availability < 97.90%	-0.002000	-0.002000
	=	0.162602	x	Availability	+	-0.161187 97.90% ≤ Availability ≤ 99.13%	0.000520	0.000556
	=	0.322581	x	Availability	+	-0.319774 99.13% ≤ Availability ≤ 99.75%	0.001032	0.001103
	=	0.002000				99.75% < Availability	0.002000	0.002000

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
Transmission circuit availability (critical)	= 99.450051%	99.472077%
S-Factor	= 0.103242%	0.110347%

NOTE:

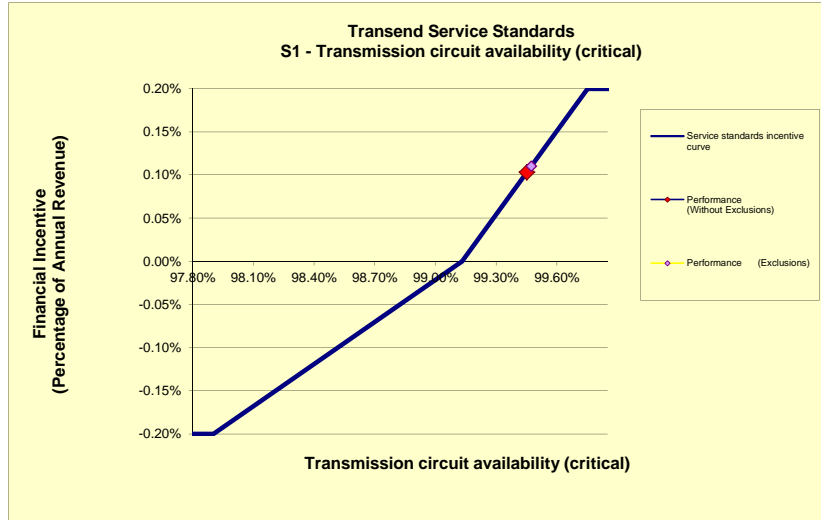
This sheet will automatically update based on data in input sheets

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



TasNetworks - S2 - Transmission circuit availability (non-critical)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Transmission circuit availability (non-critical)	98.30%	98.48%	98.97%	99.47%	99.70%
Weighting	-0.10%	-0.10%	0.00%	0.10%	0.10%

Performance Formulae	Formulae				Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.001000			When: Availability < 98.48%	-0.001000	-0.001000
	=	0.204082	x	Availability	+ 98.48% ≤ Availability ≤ 98.97%	-0.000710	0.000664
	=	0.200000	x	Availability	+ 98.97% ≤ Availability ≤ 99.47%	-0.000695	0.000650
	=	0.001000			99.47% < Availability	0.001000	0.001000

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
Transmission circuit availability (non-critical)	= 98.622304%	99.295181%
S-Factor	= -0.070958%	0.065036%

NOTE:

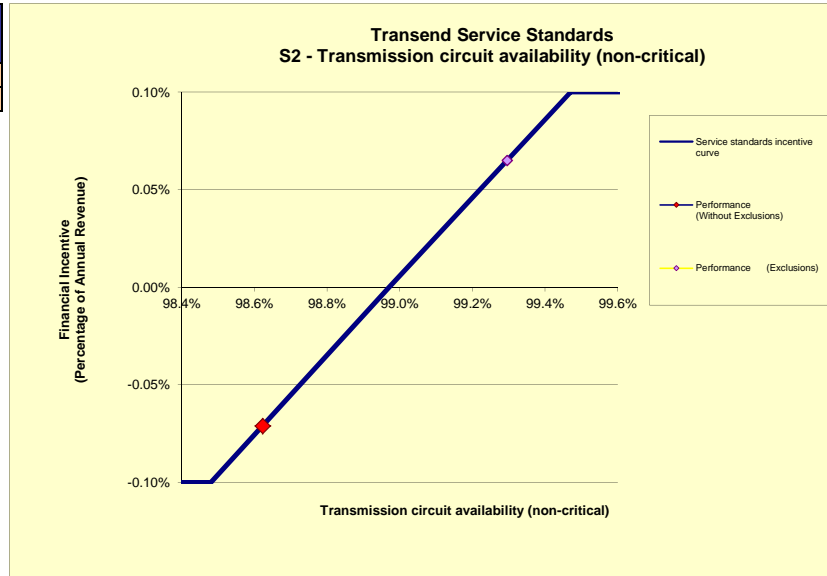
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TasNetworks - S3 - Transformer availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Transformer availability	98.50%	98.67%	99.28%	99.90%	100.10%
Weighting	-0.15%	-0.15%	0.00%	0.15%	0.15%

Performance Formulae	Formulae				Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.001500			When: Availability < 98.67%	-0.001500	-0.001500
	=	0.245902	x	Availability	98.67% ≤ Availability ≤ 99.28%	0.000412	0.000413
	=	0.241935	x	Availability	99.28% ≤ Availability ≤ 99.90%	0.000405	0.000407
	=	0.001500			99.90% < Availability	0.001500	0.001500

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
Transformer availability	= 99.447443%	99.448134%
S-Factor	= 0.040510%	0.040678%

NOTE:

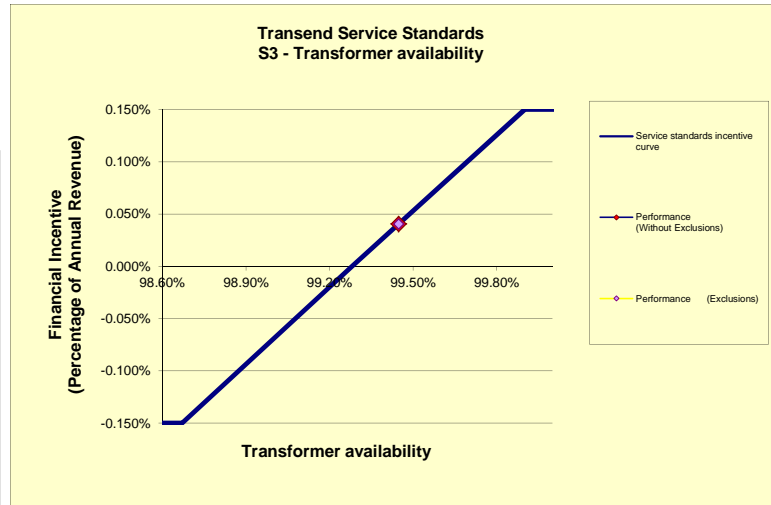
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TasNetworks - S4 - Frequency of loss of supply events (Events > 0.1 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Frequency of loss of supply events (Events > 0.1 system minutes)	23	21	15	9	-
Weighting	-0.20%	-0.200%	0.00%	0.200%	0.20%

Performance Formulae	Formulae				Conditions		S- Calc 1	S- Calc 2	
Performance	=	-0.002000			21 <	No. of events	-0.002000	-0.002000	
	=	-0.003333	x	No. of events	+	0.005000	15 ≤ No. of events ≤ 21	0.003667	0.003667
	=	-0.003333	x	No. of events	+	0.005000	9 ≤ No. of events ≤ 15	0.003667	0.003667
	=	0.002000					No. of events < 9	0.002000	0.002000

Frequency of loss of supply events (Events > 0.1 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Frequency of loss of supply events (Events > 0.1 system minutes)	=	4	4
S-Factor	=	0.200000%	0.200000%

NOTE:

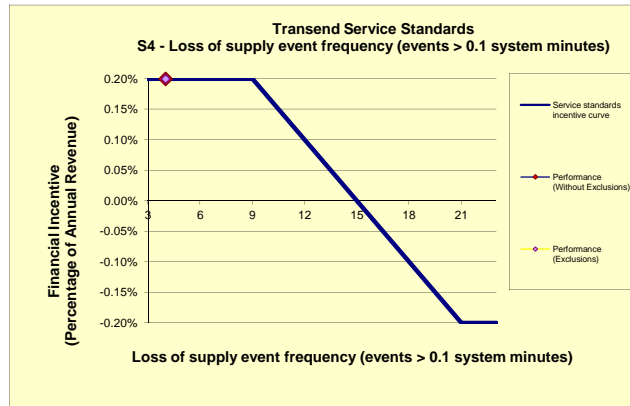
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TasNetworks - S5 - Frequency of loss of supply events (Events > 1.0 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Frequency of loss of supply events (Events > 1.0 system minutes)	6	4	2	0	0
Weighting	-0.35%	-0.350%	0.00%	0.350%	0.35%

Performance Formulae	Formulae				Conditions		S- Calc 1	S- Calc 2	
Performance	=	-0.003500			4	<	No. of events	-0.003500	-0.003500
	=	-0.001750	x	No. of events	+	2	≤ No. of events ≤	0.003500	0.003500
	=	-0.001750	x	No. of events	+	0	≤ No. of events ≤	0.003500	0.003500
	=	0.003500					No. of events =	0.003500	0.003500

Frequency of loss of supply events (Events > 1.0 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Frequency of loss of supply events (Events > 1.0 system minutes)	=	0	0
S-Factor		0.350000%	0.350000%

NOTE:

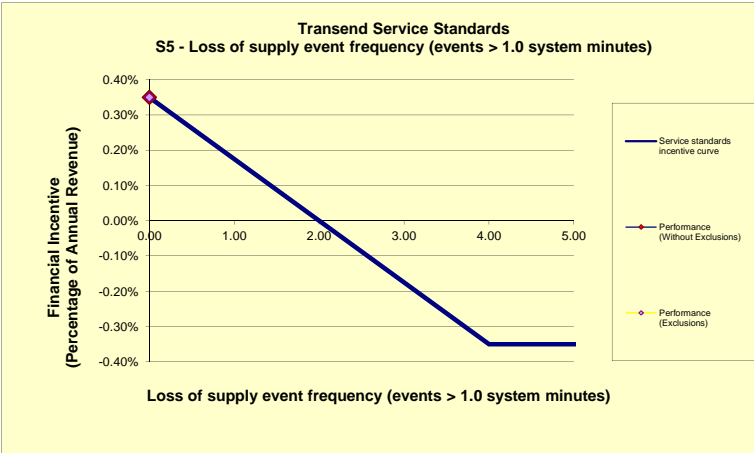
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Orange cells show the TNSP's performance outcomes with events excluded from performance data



TasNetworks - S6 - Average outage duration - transmission lines (no revenue attached)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
tage duration - transmission lines (no revenu	729	529	326	124	-
Weighting	0.00%	0.000%	0.00%	0.000%	0.00%

Performance Formulae	Formulae						Conditions		S- Calc 1	S- Calc 2	
Performance	=	0.000000					529	<	Duration	0.000000	0.000000
	=	0.000000	x	Duration	+	0.000000	326	≤	Duration ≤ 529	0.000000	0.000000
	=	0.000000	x	Duration	+	0.000000	124	≤	Duration ≤ 326	0.000000	0.000000
	=	0.000000						<	Duration < 124	0.000000	0.000000

Average outage duration - transmission lines (no revenue attached)	=	Performance (Without Exclusions)	Performance (Exclusions)
tage duration - transmission lines (no revenu	=	223.416667	183.379310
S-Factor	=	0.000000%	0.000000%

NOTE:

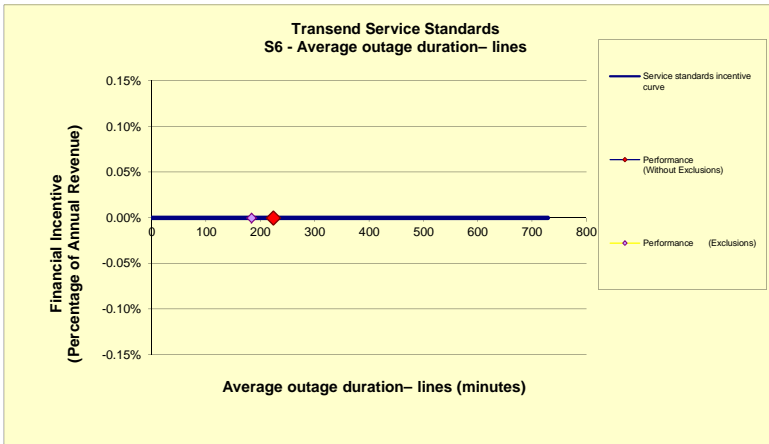
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Orange cells show the TNSP's performance outcomes with events excluded from performance data



TasNetworks - S7 - Average outage duration - transformers (no revenue attached)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration - transformers (no revenue attached)	1,628	1,428	712	354	-
Weighting	0.00%	0.00%	0.00%	0.00%	0.00%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	0.000000				1428.00 < Duration	0.000000	0.000000
	=	0.000000	x	Duration	+	0.000000 712.00 ≤ Duration ≤ 1428.00	0.000000	0.000000
	=	0.000000	x	Duration	+	0.000000 354.00 ≤ Duration ≤ 712.00	0.000000	0.000000
	=	0.000000				Duration < 354.00	0.000000	0.000000

Average outage duration - transformers (no revenue attached)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration - transformers (no revenue attached)	=	401.440000	401.440000
S-Factor	=	0.000000%	0.000000%

NOTE:

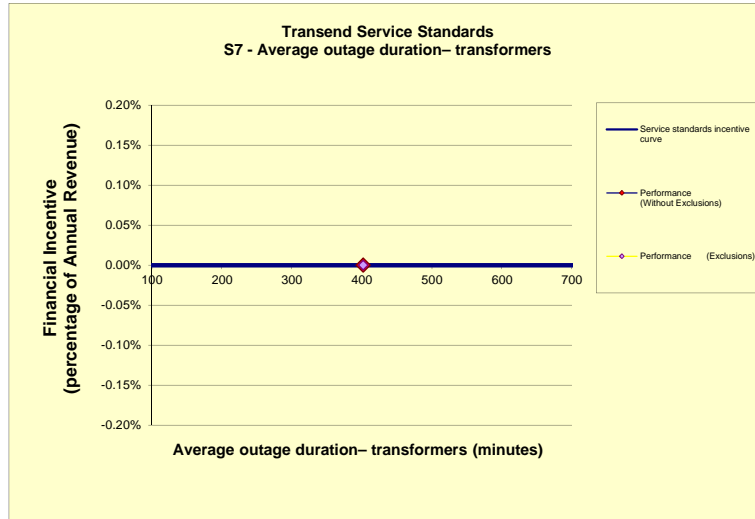
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Blue cells show the TNSP's performance targets and weightings

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



TasNetworks - Revenue Calculation

<i>Revenue cap information</i>	
Base year allowed revenue	\$177,210,840
Base year	2009-10
X-factor	-5.53%
Commencement of regulatory period	1-Jul-09

<i>Annual revenue adjusted for CPI</i>	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14
CPI (old base)	166.2	171.0	176.7	179.5	-	-
CPI (new base)	92.5	95.2	98.3	99.9	102.4	105.4

Transitional year

Nominal annual revenue	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Allowed Revenue	\$177,210,840	\$192,402,817	\$209,801,175	\$224,901,250	\$243,266,546	\$186,931,284

<i>Calendar year revenue</i>	2009	2010	2011	2012	2013	2014
Revenue	\$88,605,420	\$184,806,828	\$201,101,996	\$217,351,212	\$234,083,898	\$215,098,915

NOTE:

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

Grey cells show calendar year revenue

Green cells are for formula

TasNetworks - Performance outcomes

Revenue calendar year **\$215,098,915**

S	Performance parameter	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
S1	Transmission circuit availability (critical)	99.13%	99.450051%	0.103242%	\$222,073	99.472077%	0.110347%	\$237,356	0.007105%
S2	Transmission circuit availability (non-critical)	98.97%	98.622304%	-0.070958%	-\$152,631	99.295181%	0.065036%	\$139,892	0.135995%
S3	Transformer availability	99.28%	99.447443%	0.040510%	\$87,137	99.448134%	0.040678%	\$87,497	0.000167%
S4	Frequency of loss of supply events (Events > 0.1 system minutes)	15	4	0.200000%	\$430,198	4	0.200000%	\$430,198	0.000000%
S5	Frequency of loss of supply events (Events > 1.0 system minutes)	2	0	0.350000%	\$752,846	0	0.350000%	\$752,846	0.000000%
S6	Average outage duration - transmission lines (no revenue attached)	326	223	0.000000%	\$0	183	0.000000%	\$0	0.000000%
S7	Average outage duration - transformers (no revenue attached)	712	401	0.000000%	\$0	401	0.000000%	\$0	0.000000%
TOTALS				0.622794%	\$1,339,624		0.766061%	\$1,647,789	0.143267%

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	0.766061%
Financial Incentive	\$1,647,789
Financial year affected by financial incentive	2014/15

TasNetworks - Defined exclusions

No.	Parameter 1 - Transmission circuit availability (critical)		
	Defined exclusions	Further description of exclusion	Reference
1.1	Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
1.2	Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
1.3	Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
1.4	Force majeure		Appendix F Transmission Determinaiton Final Decision
	Parameter 2 - Transmission circuit availability (non-critical)		
	Defined exclusions	Further description of exclusion	Reference
2.1	Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
2.2	Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
2.3	Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
2.4	Force majeure		Appendix F Transmission Determinaiton Final Decision
	Parameter 3 - Transformer availability		
	Defined exclusions	Further description of exclusion	Reference
3.1	Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
3.2	Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
3.3	Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
3.4	Force majeure		Appendix F Transmission Determinaiton Final Decision
	Parameter 4 - Frequency of loss of supply event (>0.1 minute)		
	Defined exclusions	Further description of exclusion	Reference
4.1	Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
4.2	Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
4.3	Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
4.4	Planned outages		Appendix F Transmission Determinaiton Final Decision
4.5	Force majeure		Appendix F Transmission Determinaiton Final Decision

Parameter 5 - Frequency of loss of supply event (>1.0 minute)		
Defined exclusions	Further description of exclusion	Reference
5.1 Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
5.2 Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
5.3 Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
5.4 Planned outages		Appendix F Transmission Determinaiton Final Decision
5.5 Force majeure		Appendix F Transmission Determinaiton Final Decision
Parameter 6 - Average outage duration - transmission lines		
Defined exclusions	Further description of exclusion	Reference
6.1 Successful reclose events (less than on emintue duration)		Appendix F Transmission Determinaiton Final Decision
6.2 Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
6.3 Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
6.4 Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
6.5 Planned outages		Appendix F Transmission Determinaiton Final Decision
6.6 Force majeure		Appendix F Transmission Determinaiton Final Decision
6.7 For all outages the duraiton is capped at seven days		Appendix F Transmission Determinaiton Final Decision
Parameter 7 - Average outage duration - transformers		
Defined exclusions	Further description of exclusion	Reference
7.1 Successful reclose events (less than on emintue duration)		Appendix F Transmission Determinaiton Final Decision
7.2 Unregulated transmission assets	Outages on assets that are not providing prescribed transmission services.	Appendix F Transmission Determinaiton Final Decision
7.3 Dedicated connection assets	Dedicated connection assets that supply a customer who has negotiated a higher (or lower) level of service required by the NER, where that customer has agreed to the cost (or discount) for that higher (or lower) level of service.	Appendix F Transmission Determinaiton Final Decision
7.4 Third party outage	Circuit outages caused by a fault or other event on a third party system e.g. intertrip signal, generator outage (including coincident outages), customer installation (including a customer request), or by direction by fire services or AEMO.	Appendix F Transmission Determinaiton Final Decision
7.5 Planned outages		Appendix F Transmission Determinaiton Final Decision
7.6 Force majeure		Appendix F Transmission Determinaiton Final Decision
7.7 For all outages the duraiton is capped at seven days		Appendix F Transmission Determinaiton Final Decision

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?	Service Target Performance Incentive Scheme (January 2007) p. 31