TEMPLATE EXPLANATION

This template must be used by AusNet Services to report service performance information for the 2014 calendar year. It is part 1 of 2 templates.
This template is relevant to the 1 January to 31 March 2014 performance.

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 'S9'** 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.

TNSP input
calculation
Input sourced from revenue proposal
Input from other source

Performance Inputs

S	Performance parameter	Collar	Target	Cap	Revenue at Risk	Performance without exclusions	Performance with exclusions
S1	Total circuit availability	0.9841	0.9873	0.9905	0.200%	99.45%	99.47%
S2	Peak critical availability	0.9862	0.9939	0.9978	0.200%	99.75%	99.78%
S3	Peak non-critical availability	0.9883	0.994	0.9969	0.050%	99.70%	99.71%
S4	Intermediate critical availability	0.9729	0.9867	0.9936	0.000%	0.00%	0.00%
S5	Intermediate non-critical availability	0.9757	0.9873	0.9931	0.000%	0.00%	0.00%
S6	Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	3	2	1	0.125%	2	0
S7	Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	2	1	0	0.125%	0	0
S8	Average outage duration– lines (minutes)	667	382	98	0.125%	104.087	104.087
S9	Average outage duration– transformers (minutes)	556	412	268	0.125%	242.4	212.78

TNSP	AusNet
STPIS version	Version 1 - January, 2007
Regulatory Determination	2008/09-2013/14
Base Year Allowed Revenue	$454,974,504.00
Base Year	2008/09
X-factor	-1.01%
Commencement of regulatory year	1/04/2008

Other inputs

Assessment	2014
Financial year to	2014/15
Date prepared	22/01/2015
Revision date	29/01/2015
Number of circuits as at 31	211

Public holidays 2014

1/01/2014
27/01/2014
18/04/2014
19/04/2014
20/04/2014
21/04/2014
25/04/2014
9/06/2014
6/10/2014
25/12/2014
26/12/2014

Number of total circuits	211
Number of critical circuits	147
Number of non critical circuits	64
Peak hours in 1 Jan - 31 March 2014	539
Intermediate hours in 1 Jan - 31 March 2014	0

Annual revenue adjusted for CPI

	CPI (old ABS index)	CPI (new ABS index)
Dec-07	160.1	89.1
Dec-08	166.0	92.4
Dec-09	169.5	94.3
Dec-10	174.0	96.9
Dec-11	179.4	99.8
Dec-12	0.0	102.0
Dec-13	0.0	104.8
Dec-14		

AusNet - 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		Circuits affected		Reactive plant or transformer	Quantitative impact	Reasons for exclusion request	Further references	Comments
	Name of any circuit availability parameters applying to AusNet	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 dd/mm/yy	Start hh:mm:ss	End dd/mm/yy	End hh:mm:ss	Hours+Minutes unavailable (min)	Name of circuits affected		Name of any reactive plant or transformer 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.	Details of reference attachments if applicable
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S1	Total circuit availability	BLTS: B3 Trans outage			FAULT	9/01/14	19:46:00	9/01/14	20:43:00	0:57			B3 220/66KV TRANS AT BLTS	0.0000005	**Clause 1.2 Connection Asset**	WO # 10413224	
		Disconnect No2 Trans from its No 2 Bus 220kV CB		XB12 - (GNTS) STATION REDEVELOPMENT	SPICAPX	14/01/14	04:35:00	14/01/14	08:44:00	4:09			B2 220/66KV TRANS AT GNTS	0.0000022	**Clause 1.2 Connection Asset**	WO # XB1258E9	
		KGTS-WETS-RCTS trip			FAULT	15/01/14	23:05:00	15/01/14	23:35:00	0:30			B1 220/66KV TRANS AT WETS	0.0000003	**Clause 1.1 Unregulated Transmission Asset**	WO # 10419376	
		MWTS/MPS 220KV CB TRIP			FAULT	15/01/14	23:11:00	15/01/14	23:49:00	0:38			B3 220/66KV TRANS AT MWTS	0.0000003	**Clause 1.2 Connection Asset**	WO # 10413388	
		MWTS/MPS 220KV CB TRIP			FAULT	15/01/14	23:11:00	15/01/14	23:49:00	0:38			NO.1 11/220KV TRANS BANK AT MPS	0.0000003	**Clause 1.2 Connection Asset**	WO # 10413389	
		MWTS/MPS 220KV CB TRIP			FAULT	15/01/14	23:11:00	15/01/14	23:49:00	0:38			NO.2 11/220KV TRANS BANK AT MPS	0.0000003	**Clause 1.2 Connection Asset**	WO # 10413390	
		KGTS-WETS-RCTS trip			FAULT	16/01/14	13:45:00	16/01/14	13:56:00	0:11			B1 220/66KV TRANS AT WETS	0.0000001	**Clause 1.1 Unregulated Transmission Asset**	WO # 10419379	
		Replace broken insulator- No2 Trans 66kV Neut Isol			FORCED	16/01/14	15:02:00	16/01/14	18:16:00	3:14			B2 220/66KV TRANS AT BATS	0.0000017	**Clause 1.2 Connection Asset**	WO # 10413422	
		KGTS-WETS-RCTS trip			FAULT	16/01/14	15:54:00	16/01/14	15:59:00	0:05			B1 220/66KV TRANS AT WETS	0.0000000	**Clause 1.1 Unregulated Transmission Asset**	WO # 10419382	
		Operator Training			SPIMAINT	21/01/14	09:49:00	21/01/14	15:46:00	5:57			B3 220/66KV TRANS AT TTS	0.0000032	**Clause 1.2 Connection Asset**	WO # 10413229	
		Replace No2 Trans 22kV VT/s			SPIMAINT	23/01/14	07:55:00	23/01/14	16:26:00	8:31			B2 220/66KV TRANS AT BATS	0.0000046	**Clause 1.2 Connection Asset**	WO # 10413506	
		Top Up Low 220KV Bushing Oil			SPIMAINT	24/01/14	06:37:00	24/01/14	11:40:00	5:03			B1 220/66KV TRANS AT WMTS	0.0000027	**Clause 1.2 Connection Asset**	WO # 10413672	
		Replace Trans Gearbox Gear & O/H 66KV Isols		VC13 - REPAIR TRANSFORMER OIL LEAKS - CENTRAL	SPIMAINT	29/01/14	06:04:00	30/01/14	15:09:00	33:05			B5 220/66KV TRANS AT TTS	0.0000179	**Clause 1.2 Connection Asset**	WO # VC1358A6	
		VSCAP to PTH		Outage requested by APDALCOA	APDALCOA	29/01/14	06:38:00	29/01/14	14:30:00	7:52	PT. HENRY NO.1 220KV LINE AT GTS			0.0000043	**Clause 1.3 Third Party Outage**	**WO # 10413651 Attached.**	
		Replace faulty fans & pump on B3 Transformer			SPIMAINT	29/01/14	13:28:00	29/01/14	16:43:00	3:15			B3 220/66KV TRANS AT HTS	0.0000018	**Clause 1.2 Connection Asset**	WO # 10413729	
		RWTS B3 Trans tripped with No2 220kV Bus			FAULT	29/01/14	14:43:00	29/01/14	15:31:00	0:48			B3 220/66KV TRANS AT RWTS	0.0000004	**Clause 1.2 Connection Asset**	WO # 10414003	
		L2 Trans trip (RWTS No2 220kV Bus Trip)			FAULT	29/01/14	14:43:00	29/01/14	15:31:00	0:48			L2 220/22KV TRANS AT RWTS	0.0000004	**Clause 1.2 Connection Asset**	WO # 10414004	
		Install new 22kV Bus work from No2 22kV Cap Bank		X7F0 - (RWTS) REBUILD 220 & 22KV SWITCHYARDS	SPICAPX	6/02/14	06:31:00	6/02/14	11:18:00	4:47			NO.3 22KV CAPACITOR BANK AT RWTS	0.0000026	**Clause 1.2 Connection Asset**	WO # X7F058T6	
		Perf Calc W/O- No1 Trans MV during 66kV CB outage			SPIMAINT	6/02/14	07:27:00	6/02/14	15:04:00	7:37			X1 330/66/22KV TRANS AT WOTS	0.0000041	**Clause 1.2 Connection Asset**	WO # 10413297	
		SCAP YPS Aux E		Outage requested by GENCO	GENCO	11/02/14	08:07:00	11/02/14	14:46:00	6:39			AUX E 220/22KV TRANS AT YPS	0.0000036	**Clause 1.2 Connection Asset**	WO # 10413896	
		220kV Line Trip			FAULT	14/02/14	05:47:00	14/02/14	10:14:00	4:27			B3 220/66KV TRANS AT MWTS	0.0000024	**Clause 1.2 Connection Asset**	WO # 10414826	
		220kV Line Trip			FAULT	14/02/14	05:47:00	14/02/14	10:14:00	4:27			NO.1 11/220KV TRANS BANK AT MPS	0.0000024	**Clause 1.2 Connection Asset**	WO # 10414827	
		220kV Line Trip			FAULT	14/02/14	05:47:00	14/02/14	10:14:00	4:27			NO.2 11/220KV TRANS BANK AT MPS	0.0000024	**Clause 1.2 Connection Asset**	WO # 10414830	
		Perf Calc w/o No1 Trans during its 22kV CB OH			SPIMAINT	14/02/14	07:25:00	14/02/14	17:23:00	9:58			B1 220/66/22KV TRANS AT KGTS	0.0000054	**Clause 1.2 Connection Asset**	WO # 10412670	
		Insul Washing			FORCED	14/02/14	12:47:00	14/02/14	15:16:00	2:29			B3 220/66KV TRANS AT MWTS	0.0000013	**Clause 1.2 Connection Asset**	WO # 10439603	
		Insul Washing			FORCED	14/02/14	12:47:00	14/02/14	15:17:00	2:30			NO.1 11/220KV TRANS BANK AT MPS	0.0000014	**Clause 1.2 Connection Asset**	WO # 10439604	
		Insul washing			FORCED	14/02/14	12:47:00	14/02/14	15:16:00	2:29			NO.2 11/220KV TRANS BANK AT MPS	0.0000013	**Clause 1.2 Connection Asset**	WO # 10439605	
		Replace pole 110 on CBTS-FTS No1 Line			SPIMAINT	15/02/14	06:43:00	15/02/14	19:34:00	12:51	CBTS NO.1 66KV LINE AT FTS			0.0000070	**Clause 1.2 Connection Asset**	WO # 10413531	
		Wash Down & Repair Oil Leak		VC13 - REPAIR TRANSFORMER OIL LEAKS - CENTRAL	SPIMAINT	17/02/14	06:34:00	21/02/14	15:41:00	105:07			B3 220/66KV TRANS AT KTS	0.0000569	**Clause 1.2 Connection Asset**	WO # VC1358A7	
		SCAP to desal		Outage requested by HVCUST	HVCUST	19/02/14	07:14:00	21/02/14	10:42:00	51:28			L2 220/22KV TRANS AT WDP	0.0000278	**Clause 1.1 Unregulated Transmission Asset**	WO # 10414931	
		Top Up Wph 220KV Bushing			SPIMAINT	19/02/14	12:08:00	19/02/14	15:39:00	3:31			B1 220/66KV TRANS AT WMTS	0.0000019	**Clause 1.2 Connection Asset**	WO # 10414737	
		CBTS NO.1 66KV LINE AT FTS			SPIMAINT	22/02/14	06:31:00	22/02/14	18:55:00	12:24	CBTS NO.1 66KV LINE AT FTS			0.0000067	**Clause 1.2 Connection Asset**	WO # 10414686	
		SVTS: B2 Trans off load			FORCED	22/02/14	10:45:00	22/02/14	17:15:00	6:30			B2 220/66KV TRANS AT SVTS	0.0000035	**Clause 1.2 Connection Asset**	WO # 10415086	
		CBTS NO.1 66KV LINE AT FTS			SPIMAINT	23/02/14	06:30:00	23/02/14	14:19:00	7:49	CBTS NO.1 66KV LINE AT FTS			0.0000042	**Clause 1.2 Connection Asset**	WO # 10414686	
		B1 Trans			FORCED	26/02/14	00:11:00	27/02/14	15:05:00	38:54			B1 220/66KV TRANS AT TTS	0.0000210	**Clause 1.2 Connection Asset**	WO # 10415164	
		Replace Pole & Cross Arms (Book to 291531)			SPIMAINT	1/03/14	06:03:00	1/03/14	18:59:00	12:56	CBTS NO.2 66KV LINE AT FTS			0.0000070	**Clause 1.2 Connection Asset**	WO # 10414919	
		REBATE BUS OUTAGE B1 Trans @ MWTS			SPIMAINT	1/03/14	07:00:00	1/03/14	16:20:00	9:20			B1 220/66KV TRANS AT MWTS	0.0000050	**Clause 1.2 Connection Asset**	WO # 10413765	
		Replace Pole & Cross Arms (Book to 291531)			SPIMAINT	2/03/14	06:06:00	2/03/14	14:49:00	8:43	CBTS NO.2 66KV LINE AT FTS			0.0000047	**Clause 1.2 Connection Asset**	WO # 10414919	
		Class 2 O/HAUL Transformer and Div Sw (EM)			SPIMAINT	4/03/14	07:01:00	4/03/14	14:30:00	7:29			B1 220/66KV TRANS AT RTS	0.0000040	**Clause 1.2 Connection Asset**	WO # 10366548	
		SCAP to YMA		Outage requested by HVCUST	HVCUST	4/03/14	07:10:00	4/03/14	16:02:00	8:52			AUX D 220/22KV TRANS AT YPS	0.0000048	**Clause 1.2 Connection Asset**	WO # 10415059	
		Class 2 O/HAUL Transfmr and Trafo Union Div Sw (N)			SPIMAINT	4/03/14	07:11:00	6/03/14	10:33:00	51:22			B2 220/66KV TRANS AT GNTS	0.0000278	**Clause 1.2 Connection Asset**	WO # 10367304	
		NPSD-BLTS 220KV WY De-Energised		Outage requested by DISTCO	DBPROX	4/03/14	11:43:00	4/03/14	22:20:00	10:37	NPSD-BLTS 220KV WY			0.0000057	**Clause 1.3 Third Party Outage**	**WO # 10415421 Attached.**	
		Line offload for Alcoa		Outage requested by APDALCOA	APDALCOA	6/03/14	07:51:00	6/03/14	19:13:00	11:22	HYTS-APD 1 500KV W			0.0000061	**Clause 1.3 Third Party Outage**	**WO # 10415448 Attached.**	
		Line offload for Alcoa		Outage requested by APDALCOA	APDALCOA	8/03/14	18:30:00	8/03/14	18:58:00	0:28	HYTS-APD 1 500KV W			0.0000003	**Clause 1.3 Third Party Outage**	**WO # 10415569. Line offloaded at APD end by APD.**	
		SFT HV Test On Spare Metro Transformer			SPIMAINT	11/03/14	08:30:00	18/03/14	09:45:00	169:15			SPARE METRO 220/66KV 150MVA	0.0000916	**Clause 1.2 Connection Asset**	WO # 10414375	
		Repair oil leak on B2 Transformer		VC13 - REPAIR TRANSFORMER OIL LEAKS - CENTRAL	SPICAPX	12/03/14	08:18:00	14/03/14	15:31:00	55:13			B2 220/66KV TRANS AT TBTS	0.0000299	**Clause 1.2 Connection Asset**	WO # VC1358A4	
		O/H 220/66KV TRANSFORMER			SPIMAINT	17/03/14	07:34:00	17/03/14	15:11:00	7:37			B1 220/66KV TRANS AT MWTS	0.0000041	**Clause 1.2 Connection Asset**	WO # 10353311	
		Replace B1 Trans & decommiss No1 & No5 SS Trans		XB17 - (GTS) REPLACE B1 & B3 TRANS & 66KV CBS	SPICAPX	18/03/14	05:43:45	19/03/14	11:10:00	29:26			EX - B1 220/66KV TRANS AT GTS	0.0000159	**Clause 1.2 Connection Asset**	WO # XB1758F2	
		Overhaul No 2 220/66 Kv Trans at MWTS			SPIMAINT	18/03/14	08:01:00	18/03/14	15:16:00	7:15			B2 220/66KV TRANS AT MWTS	0.0000039	**Clause 1.2 Connection Asset**	WO # 10352539	
		Transgrid outage		Outage requested by TRANSGRD	TRANSGRD	19/03/14	10:42:00	19/03/14	17:37:00	6:55	MSS -DDTS 1 330KV NW			0.0000037	**Clause 1.3 Third Party Outage**	**WO # 10415595 Attached.**	
		Transgrid outage		Outage requested by TRANSGRD	TRANSGRD	24/03/14	07:06:00	24/03/14	16:49:00	9:43	MSS -DDTS 1 330KV NW			0.0000053	**Clause 1.3 Third Party Outage**	**WO # 10415596 Attached.**	
		Disconnect #2 SS 415V & Connect #4 SS 415V		Z907 - (BETS) INSTALL TWO NEW 75MVA 220/22KV	DB_AUG	25/03/14	05:58:00	25/03/14	18:00:00	12:02			B4 220/66KV TRANS AT BETS	0.0000065	**Clause 1.2 Connection Asset**	WO # Z90758M7	
		O/Haul - 220kV Cap Bank (incl ESW,CT,Reactor)			SPIMAINT	25/03/14	07:36:00	25/03/14	13:41:00	6:05			NO.2 220KV CAPACITOR BANK AT MLTS	0.0000033	**Clause 1.1 Unregulated Transmission Asset**	WO # 10367932	
		B4 Trans isolated for 66kV CB new Cont'l & alarms		XA24 - (SHTS) CLEAN UP RTUS	SPICAPX	27/03/14	07:25:00	27/03/14	18:20:00	10:55			B4 220/66KV TRANS AT SHTS	0.0000059	**Clause 1.2 Connection Asset**	WO # XA2458B7	
		Maintain 220kV Cap Bank (incl ESW,CT,Reactor)			SPIMAINT	28/03/14	07:35:00	28/03/14	16:13:00	8:38			NO.1 220KV CAPACITOR BANK AT DDTS	0.0000047	**Clause 1.1 Unregulated Transmission Asset**	WO # 10408031	
		B1 Trans Delta Earth Alarm at HTS			SPIMAINT	28/03/14	11:02:00	28/03/14	16:01:00	4:59			B1 220/66KV TRANS AT HTS	0.0000027	**Clause 1.2 Connection Asset**	WO # 10416218	
		Investigate B2 Trans Oil Pump Failure			SPIMAINT	28/03/14	11:36:00	28/03/14	15:17:00	3:41			B2 220/66KV TRANS AT ATS	0.0000020	**Clause 1.2 Connection Asset**	WO # 10415621	
		Transgrid outage		Outage requested by TRANSGRD	TRANSGRD	31/03/14	07:00:00	31/03/14	17:31:00	10:31	MSS -DDTS 1 330KV NW			0.0000057	**Clause 1.3 Third Party Outage**	**WO # 10415597 Attached.**	
		Class 2 O/HAUL Transformer and Div Sw (EM)			SPIMAINT	31/03/14	07:07:00	31/03/14	15:49:00	8:42			B3 220/66KV TRANS AT CBTS	0.0000047	**Clause 1.1 Unregulated Transmission Asset**	WO # 10369825	
		Perf calc w/o No1 Trans during its 22kV CB OH			SPIMAINT	31/03/14	07:20:00	31/03/14	16:59:00	9:39			B1 220/66/22KV TRANS AT KGTS	0.0000052	**Clause 1.2 Connection Asset**	WO # 10415443	
S2	Peak critical availability	VSCAP to PTH		Outage requested by APDALCOA	APDALCOA	29/01/14	06:38:00	29/01/14	14:30:00	7:52	PT. HENRY NO.1 220KV LINE AT GTS			0.000099	**Clause 1.3 Third Party Outage**	**WO # 10413651 Attached.**	
		NPSD-BLTS 220KV WY De-Energised		Outage requested by DISTCO	DBPROX	4/03/14	11:43:00	4/03/14	22:20:00	10:37	NPSD-BLTS 220KV WY			0.000134	**Clause 1.3 Third Party Outage**	**WO # 10415421 Attached.**	
		Line offload for Alcoa		Outage requested by APDALCOA	APDALCOA	6/03/14	07:51:00	6/03/14	19:13:00	11:22	HYTS-APD 1 500KV W			0.000143	**Clause 1.3 Third Party Outage**	**WO # 10415448 Attached.**	
S3	Peak non-critical availability	O/Haul NO.2 66KV REACTOR AT RCTS			SPIMAINT	23/01/14	07:11:00	23/01/14	15:35:00	8:24			NO.2 66KV SHUNT REACTOR AT RCTS	0.000244	**Clause 3.7 Shunt Reactor**		
S4	Intermediate critical availability	**Not Applicable**								0:00				#DIV/0!			
S5	Intermediate non-critical availability	**Not Applicable**								0:00				#DIV/0!			

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 applying to TNSP	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 dd/mm/yy	Start hh:mm:ss	End dd/mm/yy	End hh:mm:ss	Total hours + minutes unavailable	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.
S6	Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	KGTS-WETS-RCTS trip		At HOTS, at 2305 on 15/01/14, the RCTS 220 kV line tripped via protection. This is the 1st of the 3 tripping events occurred on this line due to smoke from a bushfire nearly 110 km south of RCTS. All the 3 events also unforeseeably caused the simultaneous tripping of the KGTS-WETS-RCTS 220 kV line and the consequential supply interruption to Powercor customers supplied from the WETS.	The simultaneous tripping of these 220 kV lines was caused by the SOTF function of the X protection relay at WETS. The SOTF function for X protection of RCTS and KGTS lines at WETS has been now disabled. The protection operations on the RCTS-WETS-KGTS 220 kV transmission line would not normally be expected to occur for a fault on the RCTS-HOTS 220 kV transmission line. However, the protection design did not envisage this type of incident.	15/01/14	23:05:00	15/01/14	23:35:00	0:30	B1 220/66KV TRANS AT WETS	10446	42 MW for 30 minutes	0.0208	**EXCLUDE 9.1 Unregulated transmission asset**	**SIR 10413379; AEMO report: Power System Operating Incident Report – Trip of Red Cliffs–Horsham and Red Cliffs-Wemen–Kerang 220 kV transmission lines on 15 January 2014**

AusNet - Proposed exclusions															
S6 Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	KGTS-WETS-RCTS trip	At HOTS, at 1345 on 16/01/14, the RCTS 220 kV line tripped via protection. This is the 2nd of the 3 tripping events occurred on this line due to smoke from a bushfire nearly 110 km south of RCTS. All the 3 events also unforeseeably caused the simultaneous tripping of the KGTS-WETS-RCTS 220 kV line and the consequential supply interruption to Powercor customers supplied from the WETS.	The simultaneous tripping of these 220 kV lines was caused by the SOTF function of the X protection relay at WETS. The SOTF function for X protection of RCTS and KGTS lines at WETS has been now disabled. The protection operations on the RCTS-WETS-KGTS 220 kV transmission line would not normally be expected to occur for a fault on the RCTS-HOTS 220 kV transmission line. However, the protection design did not envisage this type of incident.	16/01/14	13:45:00	16/01/14	14:36:00	0:51	B1 220/66KV TRANS AT WETS	10446	34 MW for 51 minutes	0.0354	EXCLUDE 9.1 Unregulated transmission asset	SIR 10413432; AEMO report: Power System Operating Incident Report – Trip of Red Cliffs–Horsham and Red Cliffs-Wemen–Kerang 220 kV transmission lines on 15 January 2014
S6 Loss of supply event frequency (no. of events > 0.05 system minutes per annum)								0:00			0	no impact		
S7 Loss of supply event frequency (no. of events > 0.3 system minutes per annum)								0:00			0	no impact		
S7 Loss of supply event frequency (no. of events > 0.3 system minutes per annum)								0:00			0	no impact		
S7 Loss of supply event frequency (no. of events > 0.3 system minutes per annum)								0:00			0	no impact		

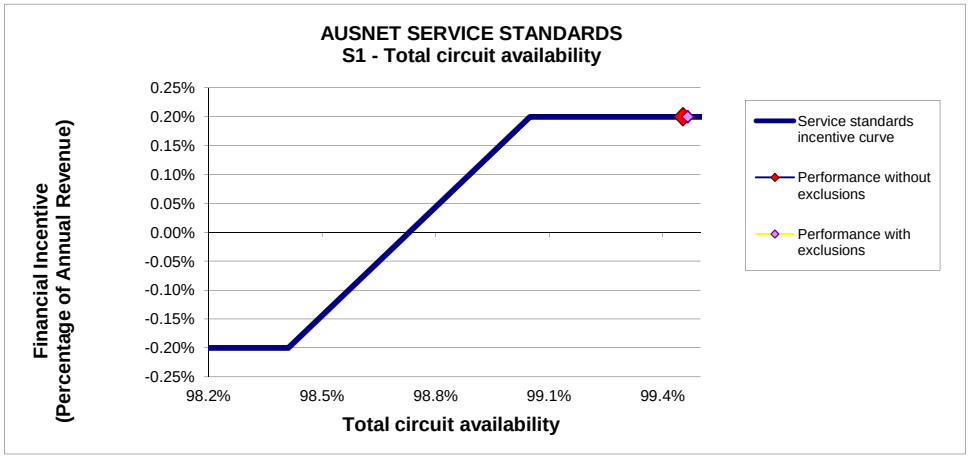
AVERAGE OUTAGE DURATION	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date	Start time	End date	End time	Circuits affected			Quantitative impact	Capped impact (if applicable)	Reasons for exclusion request	Further references
Name of any average outage duration parameters applying to AusNet	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 dd/mm/yy	Start hh:mm:ss	End dd/mm/yy	End hh:mm:ss	Total hours + minutes unavailable	Name of circuits or plant affected	Name of any reactive plant or transformer affected	Number of hours, mins etc interrupted	Impact of exclusion event on AOD parameter (min)	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.
S8 Average outage duration– lines (minutes)														
S8 Average outage duration– lines (minutes)														
S8 Average outage duration– lines (minutes)														
S9 Average outage duration– transformers (minutes)	KGTS-WETS-RCTS trip	At HOTS, at 2305 on 15/01/14, the RCTS 220 kV line tripped via protection. This is the 1st of the 3 tripping events occurred on this line due to smoke from a bushfire nearly 110 km south of RCTS. All the 3 events also unforeseeably caused the simultaneous tripping of the KGTS-WETS-RCTS 220 kV line and the consequential supply interruption to Powercor customers supplied from the WETS.	FAULT	15/01/14	23:05:00	15/01/14	23:35:00	0:30		B1 220/66KV TRANS AT WETS	0:30	Not applicable	EXCLUDE 9.1 Unregulated transmission asset	SIR 10413379
S9 Average outage duration– transformers (minutes)	KGTS-WETS-RCTS trip	At HOTS, at 1345 on 16/01/14, the RCTS 220 kV line tripped via protection. This is the 2nd of the 3 tripping events occurred on this line due to smoke from a bushfire nearly 110 km south of RCTS. All the 3 events also unforeseeably caused the simultaneous tripping of the KGTS-WETS-RCTS 220 kV line and the consequential supply interruption to Powercor customers supplied from the WETS.	FAULT	16/01/14	13:45:00	16/01/14	14:36:00	0:51		B1 220/66KV TRANS AT WETS	0:51	Not applicable	EXCLUDE 9.1 Unregulated transmission asset	SIR 10413432
S9 Average outage duration– transformers (minutes)	KGTS-WETS-RCTS trip	At HOTS, at 1554 on 16/01/14, the RCTS 220 kV line tripped via protection. This is the 3rd of the 3 tripping events occurred on this line due to smoke from a bushfire nearly 110 km south of RCTS. All the 3 events also unforeseeably caused the simultaneous tripping of the KGTS-WETS-RCTS 220 kV line and the consequential supply interruption to Powercor customers supplied from the WETS.	FAULT	16/01/14	15:54:00	16/01/14	15:59:00	0:05		B1 220/66KV TRANS AT WETS	0:05	Not applicable	EXCLUDE 9.1 Unregulated transmission asset	SIR 10413434

AusNet - S1 - Total circuit availability

Performance Targets	Graph	Collar	Target	Cap	Graph
Total circuit availability	0.9820	0.9841	0.9873	0.9905	0.9960
Weighting	-0.002	-0.0020	0.0000	0.0020	0.002

Performance Formulae		Formulae						Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.0020					When:	Availability	<	0.9841	-0.0020	-0.0020
	=	0.6250	x	Total circuit	+	-0.6171	0.9841 ≤	Availability	≤	0.9873	0.0045	0.0046
	=	0.6250	x	Total circuit	+	-0.6171	0.9873 ≤	Availability	≤	0.9905	0.0045	0.0046
	=	0.0020					0.9905 <	Availability			0.0020	0.0020

Performance Outcomes		Performance without exclusions	Performance with exclusions
Total circuit availability	=	0.9945	0.9947
S-Factor	=	0.2000%	0.2000%

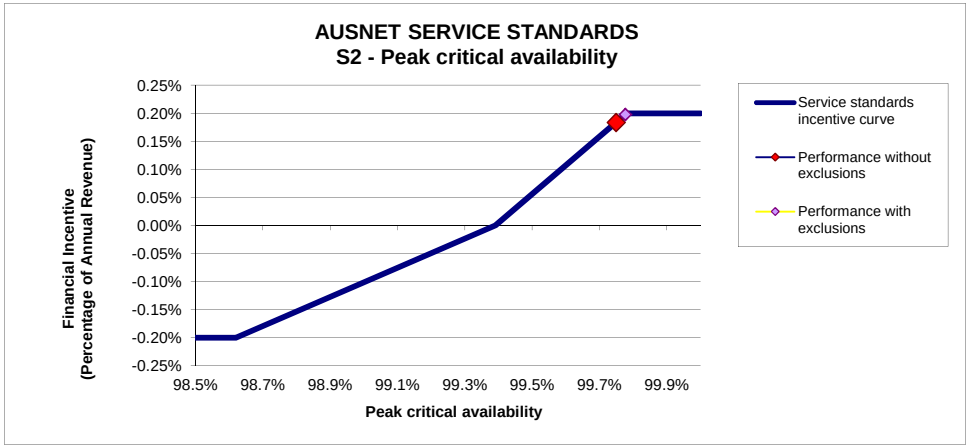


AusNet - S2 - Peak critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak critical availability	0.9840	0.9862	0.9939	0.9978	1
Weighting	-0.002	-0.0020	0.0000	0.0020	0.002

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.0020					When:		Availability	<	0.9862	-0.0020	-0.0020
	=	0.2597	x	Peak critical	+	-0.2582	0.9862	≤	Availability	≤	0.9939	0.0009	0.0010
	=	0.5128	x	Peak critical	+	-0.5097	0.9939	≤	Availability	≤	0.9978	0.0018	0.0020
	=	0.0020					0.9978	<	Availability			0.0020	0.0020

Performance Outcomes		Performance without exclusions	Performance with exclusions
Peak critical availability	=	0.9975	0.9978
S-Factor	=	0.1840%	0.1982%

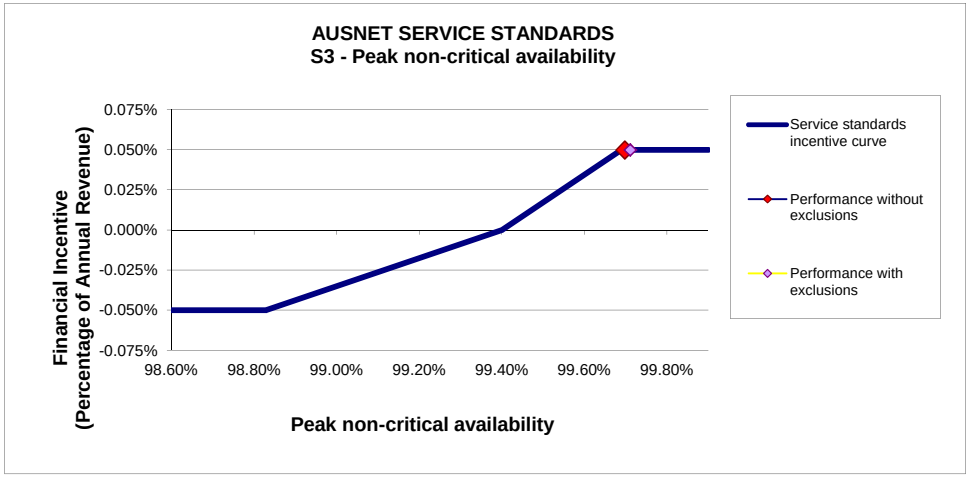


AusNet - S3 - Peak non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak non-critical availability	0.9860	0.9883	0.9940	0.9969	0.999
Weighting	-0.0005	-0.0005	0.0000	0.0005	0.0005

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.0005					When:		Availability	<	0.9883	-0.0005	-0.0005
	=	0.0877	x	Peak non-cr	+	-0.0872	0.9883	≤	Availability	≤	0.9940	0.0003	0.0003
	=	0.1724	x	Peak non-cr	+	-0.1714	0.9940	≤	Availability	≤	0.9969	0.0005	0.0005
	=	0.0005					0.9969	<	Availability			0.0005	0.0005

Performance Outcomes		Performance without exclusions	Performance with exclusions
Peak non-critical availability	=	0.9970	0.9971
S-Factor	=	0.0500%	0.0500%



AusNet - S4 - Intermediate critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate critical availability	0.9700	0.9729	0.9867	0.9936	0.9990
Weighting	0	0.0000	0.0000	0.0000	0

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	0.0000					When:		Availability	<	0.9729	0.0000	0.0000
	=	0.0000	x	Intermediate	+	0.0000	0.9729	≤	Availability	≤	0.9867	0.0000	0.0000
	=	0.0000	x	Intermediate	+	0.0000	0.9867	≤	Availability	≤	0.9936	0.0000	0.0000
	=	0.0000					0.9936	<	Availability			0.0000	0.0000

Performance Outcomes		Performance without exclusions	Performance exclusions
Intermediate critical availability	=	0.0000	0.0000
S-Factor	=	**0.0000%**	**0.0000%**

AusNet - S5 - Intermediate non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate non-critical availability	0.9740	0.9757	0.9873	0.9931	0.9950
Weighting	0	0.0000	0.0000	0.0000	0

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	0.0000					When:		Availability	<	0.9757	0.0000	0.0000
	=	0.0000	x	Intermediate	+	0.0000	0.9757	≤	Availability	≤	0.9873	0.0000	0.0000
	=	0.0000	x	Intermediate	+	0.0000	0.9873	≤	Availability	≤	0.9931	0.0000	0.0000
	=	0.0000					0.9931	<	Availability			0.0000	0.0000

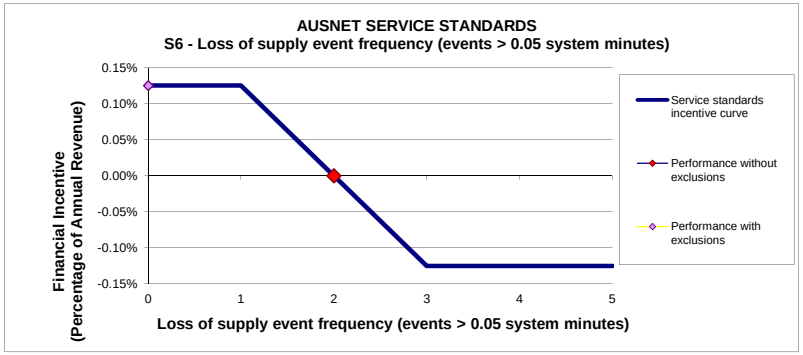
Performance Outcomes		Performance without exclusions	Performance with exclusions
Intermediate non-critical availability	=	0.0000	0.0000
S-Factor	=	0.0000%	0.0000%

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)	5.00	3.00	2.00	1.00	0.00
Weighting	-0.00125	-0.0013	0.0000	0.0013	0.00125

Performance Formulae	Formulae				Conditions			S- Calc 1	S- Calc 2
					3	≤	No. of events	-0.0013	-0.0013
							No. of events = 2	0.0000	0.0000
							No. of events = 1	0.0013	0.0013
							No. of events = 0	0.0013	0.0013

Loss of supply event frequency (no. of events > 0.05 system minutes per annum)		Performance without exclusions	Performance with exclusions
Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	=	2	0
S-Factor	=	0.0000%	0.1250%

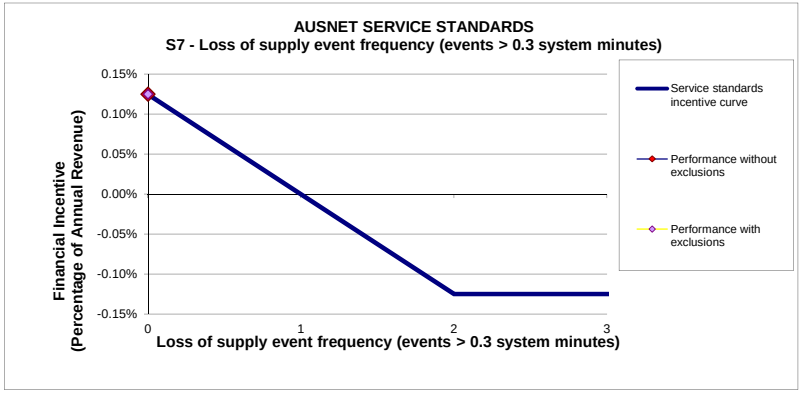


AusNet - S7 - Loss of supply event frequency (no. of events > 0.3 system minutes per annum)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	4.00	2.00	1.00	0.00	0
Weighting	-0.00125	-0.00125	0.00000	0.00125	0.00125

Performance Formulae	Formulae	Conditions			S- Calc 1	S- Calc 2
Performance	2 ≤	No. of events			-0.00125	-0.00125
		No. of events	=	1	0.00000	0.00000
		No. of events	=	0	0.00125	0.00125

Loss of supply event frequency (no. of events > 0.3 system minutes per annum)		Performance without exclusions	Performance with exclusions
Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	=	0	0
S-Factor	=	0.1250%	0.1250%

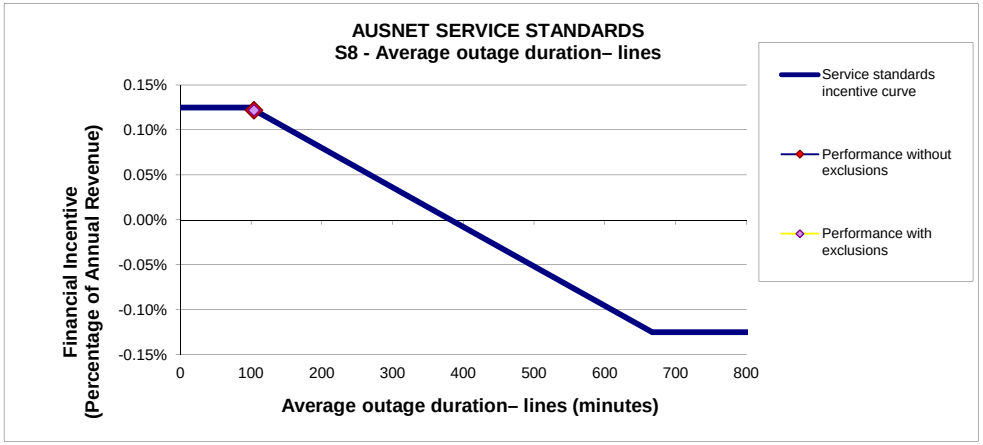


AusNet - S8 - Average outage duration– lines (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration– lines (minutes)	867	667	382	98	0
Weighting	-0.00125	-0.0013	0.0000	0.0013	0.00125

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.0013					667	<	Duration			-0.0013	-0.0013
	=	0.0000	x	Average outage	+	0.0017	382	≤	Duration	≤	667	0.0012	0.0012
	=	0.0000	x	Average outage	+	0.0017	98	≤	Duration	≤	382	0.0012	0.0012
	=	0.0013							Duration	<	98	0.0013	0.0013

Average outage duration– lines (minutes)		Performance without exclusions	Performance with exclusions
Average outage duration– lines (minutes)	=	104.0870	104.0870
S-Factor		0.1223%	0.1223%

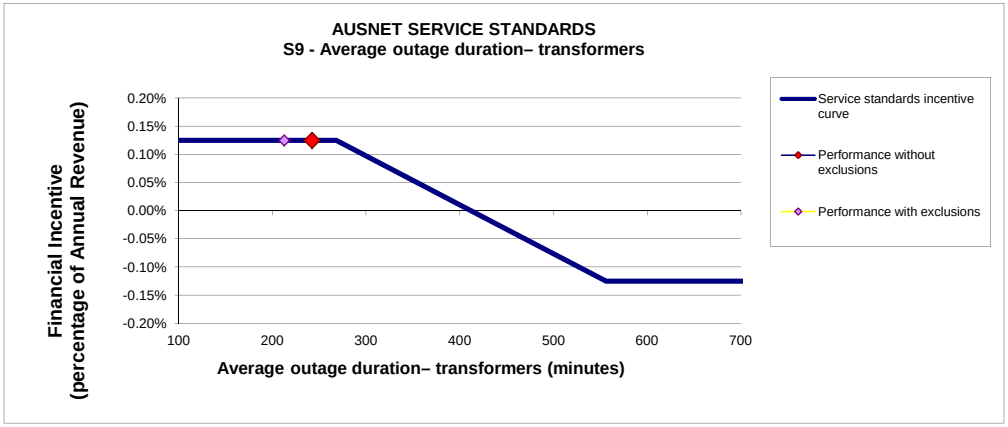


AusNet - S9 - Average outage duration– transformers (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration– transformers (minutes)	756	556	412	268	0
Weighting	-0.00125	-0.0013	0.0000	0.0013	0.00125

Performance Formulae		Formulae					Conditions				S- Calc 1	S- Calc 2
Performance	=	-0.0013					556	<	Duration		-0.0013	-0.0013
	=	0.0000	x	Average outage duration– tra	+	0.0036	412	≤	Duration	≤	556	0.0015	0.0017
	=	0.0000	x	Average outage duration– tra	+	0.0036	268	≤	Duration	≤	412	0.0015	0.0017
	=	0.0013							Duration	<	268	0.0013	0.0013

Average outage duration– transformers (minutes)		Performance without exclusions	Performance with exclusions
Average outage duration– transformers (minutes)	=	242.4000	212.7800
S-Factor	=	0.1250%	0.1250%



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	1/04/2008

Annual revenue adjusted for CPI	Dec-07	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14
CPI (new index)	89.1	92.4	94.3	96.9	99.8	102	104.8	0

Nominal annual revenue	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Allowed Revenue	454,974,504	**476,590,848**	**491,303,424**	**509,948,415**	**530,514,651**	**547,685,677**

Calendar year revenue	2008	2009	2010	2011	2012	2013	2014
Revenue	**341,230,878**	**471,186,762**	**487,625,280**	**505,287,168**	**525,373,092**	**543,392,920**	**136,921,419**

AusNet - Performance outcomes

Revenue calendar year 136,921,419

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	0.9873	0.9945	0.2000%	$273,843	0.9947	0.2000%	$273,843	0.000%
S2	Peak critical availability	0.9939	0.9975	0.1840%	$251,935	0.9978	0.1982%	$271,432	0.014%
S3	Peak non-critical availability	0.9940	0.9970	0.0500%	$68,461	0.9971	0.0500%	$68,461	0.000%
S4	Intermediate critical availability	0.9867	0.0000	0.0000%	$0	0.0000	0.0000%	$0	0.000%
S5	Intermediate non-critical availability	0.9873	0.0000	0.0000%	$0	0.0000	0.0000%	$0	0.000%
S6	Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	2	2	0.0000%	$0	0	0.1250%	$171,152	0.125%
S7	Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	1	0	0.1250%	$171,152	0	0.1250%	$171,152	0.000%
S8	Average outage duration– lines (minutes)	382	104	0.1223%	$167,483	104	0.1223%	$167,483	0.000%
S9	Average outage duration– transformers (minutes)	412	242	0.1250%	$171,152	213	0.1250%	$171,152	0.000%
	TOTALS			0.8063%	$1,104,026		0.9456%	$1,294,674	0.1392%

Aggregate outcome	
S-factor	0.9456%
Financial Incentive	1,294,674
Financial year affected by financial incentive	2014/15