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.

Murraylink - SERVICE STANDARDS PERFORMANCE

		Performance Inputs					
S	Performance parameter	Collar	Target	Cap	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions)
S1	Planned circuit energy availal	99.04%	99.17%	99.38%	0.40%	99.160198%	99.580198%
S2	Peak forced outage availabilit	98.90%	99.48%	100.00%	0.40%	100.000000%	100.000000%
S3	Off- peak forced outage availa	98.84%	99.34%	99.94%	0.20%	100.000000%	100.000000%

Revenue Determination Inputs	
TNSP:	Murraylink
STPIS version:	November, 2003
Regulatory Determination	2002/03 - 2011/12
Base Year Allowed Revenue	$8,900,000
Base Year	2003-04
X-factor	1.20%
Commencement of regulatory year	1-Oct-03
Commencement of 2004 calendar year	1-Jan-04
Commencement of 2004–05 financial year	1-Jul-04
Revenue cap revocation: 2004–05 Revenue (with 03–04 correction)	$12,803,000
Revenue cap revocation: 2004–05 Revenue (without 03–04 correction)	$12,403,000

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

Other Inputs										
Annual revenue adjusted for (	Mar-03	Mar-04	Mar-05	Mar-06	Mar-07	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12
CPI	141.3	144.1	147.5	151.9	155.6	162.2	166.2	171.0		

NOTES:

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.

Murraylink - 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
		Name of the event	Name of any circuit availability parameters	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 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.
S1	Planned circuit energy availability		ElectraNet requested outage.	MLBI Monash line protection maintenance	17/04/10	06:30:00	18/04/10	19:09:00	Murraylink		-0.42%	Third party outage	
S2	Peak forced outage availability												
S3	Off- peak forced outage availability												

NOTES:

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.

Murraylink - S1 - Planned circuit energy availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Planned circuit energy availabi	98.90%	99.04%	99.17%	99.38%	99.60%
Weighting	-0.40%	-0.40%	0.00%	0.40%	0.40%

Performance Formulae		Formulae				Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.004000				Availability	<	99.04%	-0.004000	-0.004000
	=	3.076923	x	Availability	+	-3.051385	99.04% ≤ Availability ≤ 99.17%		-0.000302	0.012621
	=	1.904762	x	Availability	+	-1.888952	99.17% ≤ Availability ≤ 99.38%		-0.000187	0.007813
	=	0.004000				99.38% < Availability			0.004000	0.004000

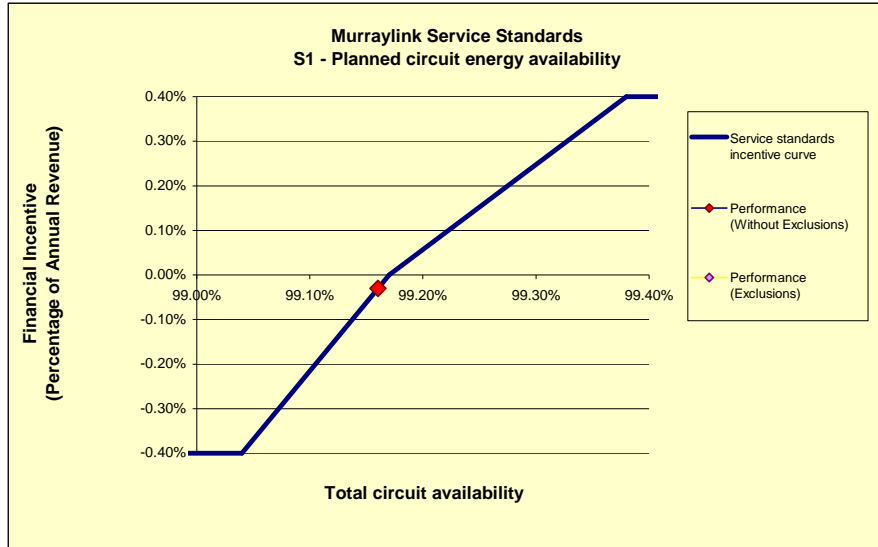| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Planned circuit energy availabi	=	99.160198%	99.580198%
S-Factor	=	-0.030160%	0.400000%

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

Murraylink Service Standards
S1 - Planned circuit energy availability

Financial Incentive (Percentage of Annual Revenue) vs Total circuit availability

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

Murraylink - S2 - Peak forced outage availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak forced outage availability	98.70%	98.90%	99.48%	100.00%	100.20%
Weighting	-0.45%	-0.40%	0.00%	0.40%	0.45%

Performance Formulae		Formulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.004000				When:	Availability	<	98.90%	-0.004000	-0.004000
	=	0.689655	x	Availability	+	-0.686069	98.90% ≤	Availability	≤	99.48%	0.003586	0.003586
	=	0.769231	x	Availability	+	-0.765231	99.48% ≤	Availability	≤	100.00%	0.004000	0.004000
	=	0.004000					100.00% <	Availability			0.004000	0.004000

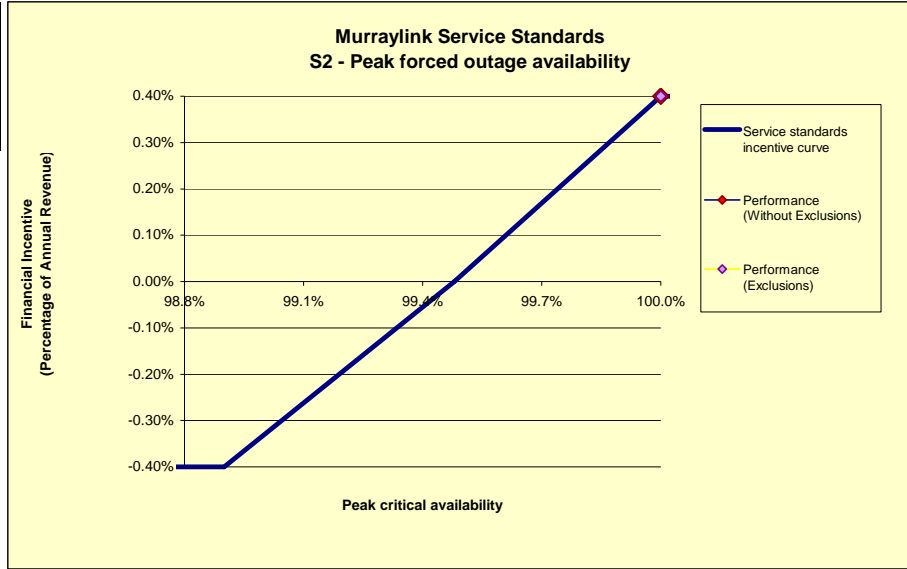| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Peak forced outage availability	=	100.000000%	100.000000%
S-Factor	=	0.400000%	0.400000%

NOTE:

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

Murraylink Service Standards
S2 - Peak forced outage availability

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

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

Murraylink - S3 - Off- peak forced outage availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Off- peak forced outage availability	98.60%	98.84%	99.34%	99.94%	100.10%
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	<	98.84%	-0.002000	-0.002000
	=	0.400000	x	Availability	+	-0.397360	98.84% ≤	Availability	≤ 99.34%	0.002640	0.002640
	=	0.333333	x	Availability	+	-0.331133	99.34% ≤	Availability	≤ 99.94%	0.002200	0.002200
	=	0.002000					99.94% <	Availability		0.002000	0.002000

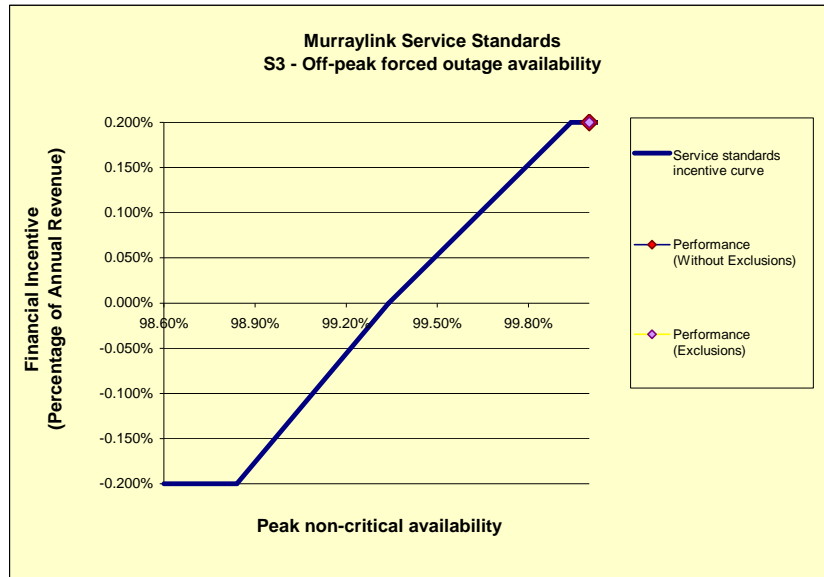| Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Off- peak forced outage availability	=	##########	##########
S-Factor	=	0.200000%	0.200000%

NOTE:

This sheet will automatically update based on data in input sheets

Blue cells show the TNSPt's performance targets and weightings

Yellow/Green cells show the TNSP's performance formulae and related formula conditions based on performance targets and weightings

Pink cells show the TNSP's performance outcomes without any events excluded from performance data

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

Murraylink Service Standards
S3 - Off-peak forced outage availability

Chart — Financial Incentive (Percentage of Annual Revenue) vs Peak non-critical availability. Legend: Service standards incentive curve; Performance (Without Exclusions); Performance (Exclusions).

Murraylink - Revenue Calculation

Revenue cap information	
Base year allowed revenue	$8,900,000
Base year	2003-04
X-factor	1.20%
Commencement of regulatory period	1-Oct-03
Commencement of 2004 calendar year	1-Jan-04
Commencement of 2004–05 financial year	1-Jul-04
Revenue cap revocation: 2004–05 Revenue (with 03–04 correction)	$12,803,000
Revenue cap revocation: 2004–05 Revenue (without 03–04 correction)	$12,403,000

Annual revenue adjusted for CPI	Mar-03	Mar-04	Mar-05	Mar-06	Mar-07	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12
CPI	141.3	144.1	147.5	151.9	155.6	162.2	166.2	171.0	-	-
		4	5	6.0	7.0					

Nominal annual revenue	2003-04	2004-05*	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Allowed Revenue	$8,900,000	$12,403,000	$12,543,298	$12,762,461	$12,916,451	$13,302,749	$13,467,237	$13,689,908	

Calendar year revenue	2003	2004*	2005	2006	2007	2008	2009	2010	2011	2012
Revenue	$2,243,288	$10,639,308	$12,473,149	$12,652,879	$12,839,456	$13,109,600	$13,384,993	$13,578,573		

NOTE:

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

Murraylink's revenue cap commenced 1 October 2003. Based on a further application by MTC on 2 February 2004, the Australian Competition and Consumer Commission revoked and substituted Murraylink's revenue cap decision on 31 March 2004. This resulted in a revised revenue path from 2004–05 for the remainder of the regulatory period. Revenue calculations for 2004–05 included a one-off correction for the 2003–04 period.

* The annual revenue for the 2004–05 year does not include the one-off correction for the 2003–04 period. This to enable a simple escalation of annual revenues from 2004–05 onwards. The 2004 calendar year revenue is indicative only.

Grey cells show calendar year revenue

Green cells are for formula

Murraylink - Performance outcomes

Revenue calendar year	$13,578,573

S	Performance parameter	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
S1	Planned circuit energy availability	99.17%	99.160198%	-0.030160%	-$4,095	99.580198%	0.400000%	$54,314	0.430160%
S2	Peak forced outage availability	99.48%	100.000000%	0.400000%	$54,314	100.000000%	0.400000%	$54,314	0.000000%
S3	Off- peak forced outage availability	99.34%	100.000000%	0.200000%	$27,157	100.000000%	0.200000%	$27,157	0.000000%
	TOTALS			0.569840%	$77,376		1.000000%	$135,786	0.430160%

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	1.000000%
Financial Incentive	$135,786
Financial year affected by financial incentive	2011/12

Murraylink - Defined exclusions

No.	Measure 1- Planned circuit energy availability		Reference
	Defined exclusions	**Further description of exclusion**	**Reference**
1.1	Unregulated transmission assets		
1.2	Third party outage	Any outages caused by a 3rd party such as intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Schedule 1 AER Service Standards Guidelines
1.3	Force majeure		Schedule 1 AER Service Standards Guidelines Appendix H of the *MTC Application for Conversion and MAR: Decision*
	Measure 2- Peak forced outage availability		
	Defined exclusions	**Further description of exclusion**	**Reference**
1.1	Unregulated transmission assets		
1.2	Third party outage	Any outages caused by a 3rd party such as intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Schedule 1 AER Service Standards Guidelines
1.3	Force majeure		Schedule 1 AER Service Standards Guidelines Appendix H of the *MTC Application for Conversion and MAR: Decision*
	Measure 3- Off- peak forced outage availability		
	Defined exclusions	**Further description of exclusion**	**Reference**
1.1	Unregulated transmission assets		
1.2	Third party outage	Any outages caused by a 3rd party such as intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Schedule 1 AER Service Standards Guidelines
1.3	Force majeure		Schedule 1 AER Service Standards Guidelines Appendix H of the *MTC Application for Conversion and MAR: Decision*