

## TEMPLATE EXPLANATION



This template must be used by EnergyAustralia to report service performance information for the 2008 calendar year.

Yellow worksheets (**'Inputs - Performance'** and **'Inputs - Exclusions'**) are for inputs, including performance and exclusion information. EnergyAustralia only needs to enter data on these worksheets.

Purple worksheet **'S1'** is the s-factor result 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 EnergyAustralia's performance in 'Inputs-Performance' and 'Revenue Calculation' worksheets.

Orange worksheet **'Exclusion Definitions'** are the defined exclusions for EnergyAustralia which should form the basis of exclusion requests under 'Inputs-Exclusions' worksheet.

## ENERGYAUSTRALIA - SERVICE STANDARDS PERFORMANCE

<i>PERFORMANCE PARAMETER</i>	<i>S</i>	<i>Performance (Without exclusions)</i>	<i>Performance (With exclusions)</i>
<b>Transmission circuit availability</b>	S1	96.301099%	98.407370%

<b>Date prepared:</b>	
<b>Revision date:</b>	

**NOTES:**

Pink cells- Input performance without exclusions from performance data

Orange cells- Input performance with exclusions from performance data

Green cells- Input date that template data was entered and date of any revisions from original version.

Performance should be measured on a calendar year basis

ENERGYAUSTRALIA - 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	Capped impact	Reasons for exclusion request	Further references
Name of any circuit availability parameters applying to EnergyAustralia	Name of the event	A brief outline of the event. Such as: the action of any third parties, the actions of the TNSP, assets damaged or interrupted.	A brief 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	Days	Impact following any cap (if applicable)	Full details of the reasons for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.		
S1 Transmission feeder availability	Feeder 860 outage	Upgrading 66KV feeder 860 i.e. Standing replacement poles and running new mains.		1/01/08	00:00:00	30/05/08	18:06:00	860		151	14	1.3 Extended availability events capped at 14 days	
	Feeder 900 outage	To undertake RGP and oil sampling of each oil station, carry out link box maint & testers to carry out CCPU and serving testing 19-24/5/08 for link box, RGP and oil sampling 26-29/5/08 for serving and CCPU testing		18/05/08	16:30:22	5/07/08	18:36:34	900		48	14	1.3 Extended availability events capped at 14 days	
	Feeder 957 outage	Commission Morisset 132/11kV Substation & new feeder 95Y. i.e. Involved changing protection, replacing poles, connecting Morisset 132kV sub and commissioning.		15/04/08	05:02:10	1/05/08	16:55:43	957		16	14	1.3 Extended availability events capped at 14 days	
	Feeder 91A/1 outage	Clearance for removal of bars for replacement of Tx. 91A sealing end at St Peters failed catastrophically upon energisation.		4/05/08	13:31:51	23/07/08	17:21:28	91A/1		80	14	1.3 Extended availability events capped at 14 days	
	Feeder 91B/1 outage	Modify earthing of cable sheath, also 5 yearly maintenance. Sheath testing at BFW. Oil sampling and residual gas pressure sampling at BFW.		26/07/08	16:20:19	30/08/08	16:50:19	91B/1		35	14	1.3 Extended availability events capped at 14 days	
	Feeder 92B outage	CB replacement @ Lane Cove STS and associated civil works		27/04/08	15:16:36	18/05/08	14:34:29	92B		21	14	1.3 Extended availability events capped at 14 days	
	Feeder 908/909 outage	Underground cable damaged by contractor		14/09/08	16:29:56	4/10/08	22:16:47	908/909		20	14	1.3 Extended availability events capped at 14 days	
	Feeder 91A/2 outage	Same as 91A/1		4/05/08	13:31:51	23/07/08	17:21:28	91A/2		80	14	1.3 Extended availability events capped at 14 days	
	Feeder 91B/2 outage	Same as 91B/1		26/07/08	15:33:19	30/08/08	17:11:10	91B/2		35	14	1.3 Extended availability events capped at 14 days	
	Feeder 99C outage			15/04/08	05:04:15	29/04/08	21:08:51	99C		15	14	1.3 Extended availability events capped at 14 days	
	Feeder 92F outage	Refurbishment of joint bays		13/07/08	07:34:03	28/10/08	17:09:08	92F		107	14	1.3 Extended availability events capped at 14 days	
	Feeder 910 outage	TransGrid outage		26/09/08	07:42:13	26/09/08	12:02:55	910		0	0	1.2 Third party outage	
	Feeder 910 outage	TransGrid outage		4/10/08	08:14:39	4/10/08	10:35:31	910		0	0	1.2 Third party outage	
	Feeder 911 outage	TransGrid outage		13/05/08	08:04:56	13/05/08	11:41:34	911		0	0	1.2 Third party outage	
	Feeder 911 outage	TransGrid outage		11/12/08	06:15:40	12/12/08	14:01:46	911		1	0	1.2 Third party outage	
	Feeder 926 outage	TransGrid outage		1/09/08	07:22:44	1/09/08	13:20:47	926		0	0	1.2 Third party outage	
	Feeder 927 outage	TransGrid outage		16/06/08	07:52:22	16/06/08	12:54:32	927		0	0	1.2 Third party outage	
	Feeder 927 outage	TransGrid outage		2/09/08	06:47:29	2/09/08	14:11:56	927		0	0	1.2 Third party outage	
	Feeder 958 outage	TransGrid outage		24/05/08	06:12:21	24/05/08	14:58:27	958		0	0	1.2 Third party outage	
	Feeder 958 outage	TransGrid outage		23/09/08	06:24:14	23/09/08	15:13:04	958		0	0	1.2 Third party outage	
	Feeder 91B/2 outage	TransGrid outage		2/04/08	17:02:06	2/04/08	18:10:58	91B/2		0	0	1.2 Third party outage	
	Feeder 91F outage	TransGrid outage		18/04/08	01:02:19	18/04/08	04:20:09	91F		0	0	1.2 Third party outage	
	Feeder 91F outage	TransGrid outage		24/09/08	08:11:49	24/09/08	19:18:03	91F		0	0	1.2 Third party outage	
	Feeder 91J outage	TransGrid outage		17/04/08	07:40:05	18/04/08	06:48:40	91J		1	0	1.2 Third party outage	
	Feeder 92A outage	TransGrid outage		17/04/08	07:29:42	17/04/08	13:40:01	92A		0	0	1.2 Third party outage	
	Feeder 99C outage	TransGrid outage		1/08/08	16:39:59	1/08/08	18:13:30	99C		0	0	1.2 Third party outage	
	Feeder 9S2 outage	TransGrid outage		18/12/08	09:12:04	18/12/08	19:31:03	9S2		0	0	1.2 Third party outage	
	Feeder 9SA outage	TransGrid outage		21/04/08	18:07:34	23/04/08	17:11:10	9SA		2	0	1.2 Third party outage	

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 parameter 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.

Green cells - input description impact

Orange cells - input reasons for the exclusion request

ENERGYAUSTRALIA - S1 - Transmission circuit availability - total

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Transmission circuit availability	94.00%	94.46%	96.96%	98.96%	100.0%
Weighting	-1.00%	-1.00%	0.00%	1.00%	1.00%

Performance Formulae	Formulae					Conditions			S- Calc 1	S- Calc 2	
Performance	=	-0.010000				When:	Availability	<	94.46%	-0.010000	-0.010000
	=	0.400000	x	Availability	+	-0.387840	94.46%	≤	Availability ≤ 96.96%	-0.002636	0.005789
	=	0.500000	x	Availability	+	-0.484800	96.96%	≤	Availability ≤ 98.96%	-0.003295	0.007237
	=	0.010000					98.96%	<	Availability	0.010000	0.010000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Transmission circuit availability	=	96.301099%	98.407370%
S-Factor Result	=	-0.263560%	0.723685%

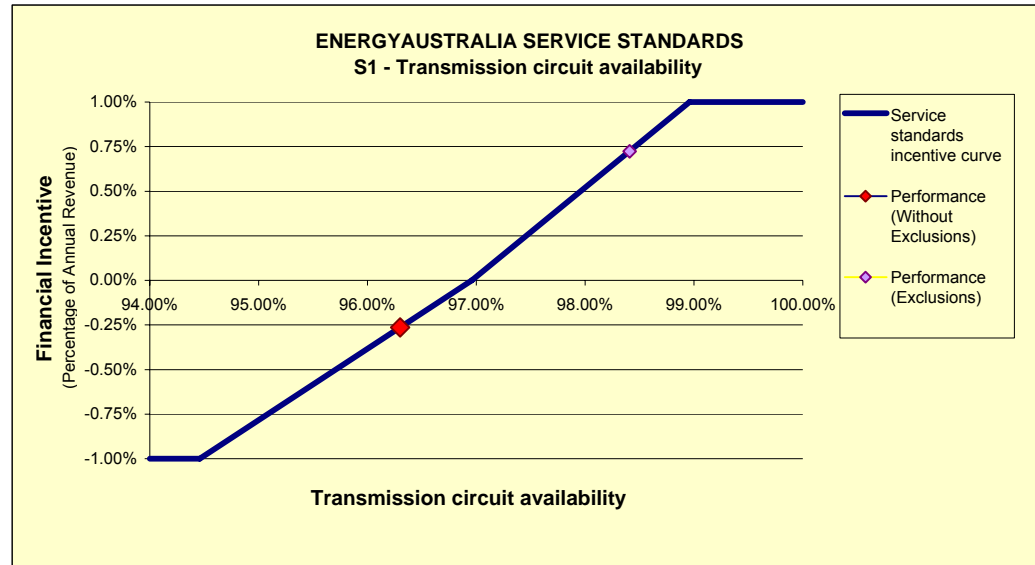
**NOTE: This sheet will automatically update based on data in input sheets.**

Blue cells show TNSP's performance targets and weightings.

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

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

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



## ENERGYAUSTRALIA - Revenue Calculation

<b>Revenue cap information</b>	
Base revenue (AR)	\$91,300,000
Base year	2004-05
X-factor	-5.40%
Revised X-factor (2008-09)	-10.88%

<b>Annual revenue adjusted for CPI</b>	<b>Mar-04</b>	<b>Mar-05</b>	<b>Mar-06</b>	<b>Mar-07</b>	<b>Mar-08</b>
CPI	144.1	147.5	151.9	155.6	162.2
	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>
AR	\$91,300,000	\$98,500,725	\$106,916,761	\$115,435,190	\$133,423,613

<b>Calendar year revenue</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
Revenue	\$45,650,000	\$94,900,363	\$102,708,743	111,175,975	<b>124,429,401</b>

### NOTES:

The calendar year revenue (and bonus) for 2004 is indicative only as the bonus was calculated on the allowed revenue and targets published in the draft decision.

Grey cells show calendar year revenue.

Green cells are for formula.

Note: As a result of the revocation and substitution of EnergyAustralia's revenue cap, the revised X-factor of -11.29% applies for the last year of the regulatory control period (2008-09).

ENERGYAUSTRALIA - Performance outcomes

Revenue calendar year **\$124,429,401**

Performance parameter	S	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
Transmission circuit availability	S1	96.96%	96.301099%	-0.263560%	-\$327,947	98.407370%	0.723685%	\$900,477	0.987246%
<b>TOTALS</b>				-0.263560%	-\$327,947		0.723685%	\$900,477	0.987246%

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

Grey cell shows relevant calendar year revenue

Green cells show performance targets

Pink cells show performance, s-factor result and financial incentive without exclusions

Orange cells show performance, s-factor result and financial incentive with exclusions

Blue cells show the impact of exclusions on revenue

Aggregate outcome	
S-factor	0.723685%
Bonus (penalty)	\$900,477
Financial year to affect revenue	2009-10

ENERGYAUSTRALIA - Defined exclusions

No. Parameter 1- Transmission feeder availability		
Defined exclusions	Further description of exclusion	Reference
1.1 Unregulated transmission assets.		Appendix D Revenue Cap Decision
1.2 3rd party outage	Any outages caused by a 3rd party such as intertrip signals, generator outage, customer installation, customer request or NEMMCO direction.	Appendix D Revenue Cap Decision
1.3 Extended availability events capped at 14 days	The impact of a single event is capped at 14 days	Paragraph 7.6.2 Revenue Cap Decision
1.4 Force majeure		Appendix D Revenue Cap Decision