

## TEMPLATE EXPLANATION



These templates form part of the information requirements of the AER as part of its annual compliance review against the service standards in EnergyAustralia's revenue cap decision.

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

Purple worksheet **'S1'** is the s-factors results based on the performance inputs from yellow tab 'Inputs - Performance' sheet.

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.'

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

ENERGYAUSTRALIA- SERVICE STANDARDS PERFORMANCE 2006

<b>PERFORMANCE MEASURE</b>	<b>S</b>	<b>2006 Performance (Without exclusions)</b>	<b>2006 Performance (With exclusions)</b>
<b>Transmission circuit availability</b>	S1	97.74%	97.74%
<b>Transformer availability</b>	S2	98.71%	98.71%
<b>Reactor availability</b>	S3	98.60%	98.60%
<b>MVA days of feeder availability</b>	S4	98.55%	98.55%
<b>MVA days of 'transmission bulk supply' transformers non-availability</b>	S5	99.57%	99.57%
<b>MVAr days of reactive plant non-availability</b>	S6	99.05%	99.05%
<b>Loss of supply due to forced transmission asset outages</b>	S7	Events seperately tabulated	Events seperately tabulated
<b>Hours that planned outage plans were in place</b>	S8	3108.9	3108.9

**NOTES:**

Performance should be based on 2006 calendar year data

Pink cells- Input performance without exclusions performance data.

Orange cells- Input performance with exclusions from performance data.

Measures S2-S7 are not currently being used to calculate EnergyAustralia's S-factor. These measures must be reported to the AER in accordance with EnergyAustralia's revenue cap decision.

Green cell (C13) input date that template data was entered. Enter date of any revisions from original version (C14).

<b>Date prepared:</b>	23rd January 2007
<b>Revision date:</b>	

ENERGYAUSTRALIA - Proposed exclusions for 2006

CIRCUIT AVAILABILITY MEASURES		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 measures 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	Start time	End date and time of event	End time	Name of circuits affected	Name of any reactive plant or transformer affected	Number of hours, mins etc interrupted	Impact following an cap (if applicable)	Reason for excluding this event. Should include a reference to the defined exclusions (see Exclusion definition tab). Eg. Exclusion 1.3 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S1	Transmission circuit availability													
S2	Transformer availability													
S3	Reactor availability													
S4	MVA days of feeder availability													
S5	MVA days of transmission bulk supply transformers non-availability													
S6	MVA days of reactive plant non-availability													

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	Quantitative impact	Demand shed and time	Reasons for exclusion request	Further references
Name of any loss of supply measures 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	Start time	End date and time of event	End time	Name of circuits or plant affected	The max system demand that occurred up until the time of the event	Number of hours, mins etc interrupted	The (MW) demand shed and the duration it was shed for.	Reason for excluding this event. Should include a reference to the defined exclusions (see Exclusion definition tab). Eg. Exclusion 1.3 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S7	Loss of supply due to forced transmission outages													

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 measures 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	Start time	End date and time of event	End time	Name of circuits or plant affected	Number of hours, mins etc interrupted	Impact following an applicable cap	Reason for excluding this event. Should include a reference to the defined exclusions (see Exclusion definition tab). Eg. Exclusion 1.3 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S8	Hours that planned outage plans were in place												

**NOTES:**

This spreadsheet should include a list all events that are proposed for exclusion. This is consistent with the reporting information requirements contained in section 4.2 of the AER's Service Standards Guidelines.

Each proposed exclusion event 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" tab.

Each exclusion should be entered onto one row for each measure. Where one exclusion event applies to more than one measure, 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.

Green cells - input description impact

Orange cells - input reasons for the exclusion request

ENERGYAUSTRALIA- S1 - Transmission circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Transmission circuit availability	94.00%	94.46%	96.96%	98.96%	100.0%
Measure 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%	0.003120	0.003120
	=	0.500000	x	Availability	+	-0.484800 96.96% ≤ Availability ≤ 98.96%	0.003900	0.003900
	=	0.010000				98.96% < Availability	0.010000	0.010000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
Transmission circuit availability	=	97.740000%	97.740000%
S-Factor Result	=	0.390000%	0.390000%

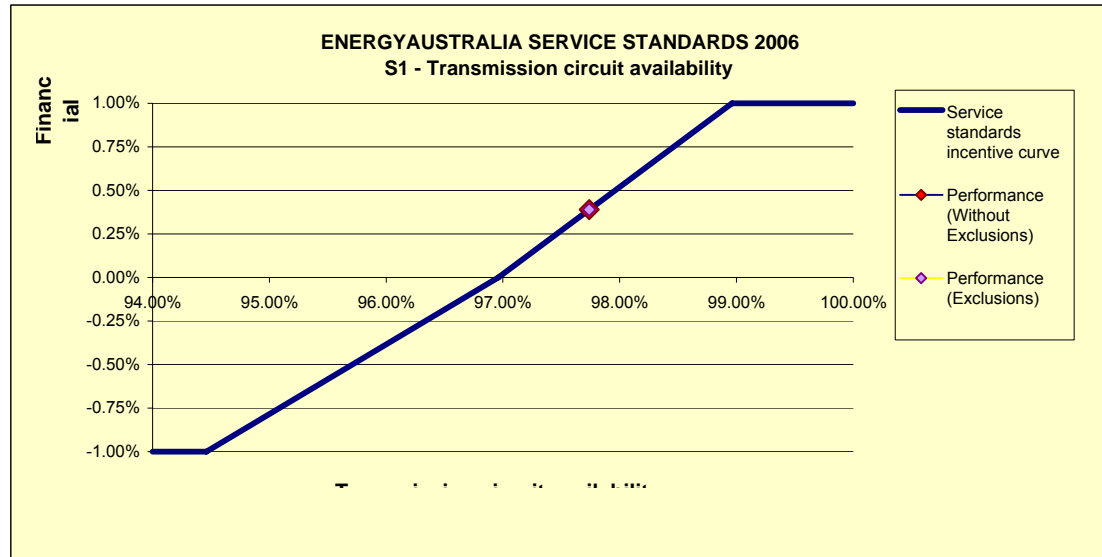
**NOTES:**

Blue cells show EnergyAustralia's performance targets (C4:E4) and measure weightings (C5:E5) [See Table 7.3 of revenue cap]

Yellow/Green cells (Rows 8:11) show EnergyAustralia's performance formulae and related formula conditions based on performance targets and measure weightings

Pink cells (C14, C15) show EnergyAustralia's performance outcomes without any events excluded from performance data

Orange cells (D14, D15) show EnergyAustralia'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%

<b>Annual revenue adjusted for CPI</b>	<b>Mar-04</b>	<b>Mar-05</b>	<b>Mar-06</b>
CPI	144.1	147.5	151.9
	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>
AR	\$91,300,000	\$98,500,725	\$106,916,761

<b>Calendar year revenue</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Revenue	\$45,650,000	\$94,900,363	<b>102,708,743</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

Blue cells are a drop down menu

ENERGYAUSTRALIA- Performance outcomes 2006

Revenue calendar year 2006 (\$) **\$102,708,743**

Performance measure	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%	97.740000%	0.390000%	\$400,564	97.740000%	0.390000%	\$400,564	0.000000%
<b>TOTALS</b>				0.390000%	\$400,564		0.390000%	\$400,564	0.000000%

**NOTE:**

**THIS PAGE WILL AUTOMATICALLY UPDATE BASED ON DATA IN INPUT WORKSHEETS**

Grey cell (C3) show relevant calendar year revenue

Green cells (C7:C12) show performance measure targets

Pink cells (Rows D:F) show performance, s-factor results and financial incentive without exclusions

Orange cells (Rows G:I) show performance, s-factor results and financial incentive with exclusions

Blue cells show the impact of exclusions on revenue

Aggregate outcome 2006	
S-factor	0.390000%
Bonus (penalty)	\$400,564
Financial year to affect revenue	2007-08

ENERGYAUSTRALIA - Defined exclusions

Measure 1- Transmission circuit 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
Measure 2- Transformer availability		
Defined exclusions	Further description of exclusion	Reference
2.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
2.2	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
2.3	Force majeure	Appendix D Revenue Cap Decision
Measure 3- Reactor availability		
Defined exclusions	Further description of exclusion	Reference
3.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
3.2	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
3.3	Force majeure	Appendix D Revenue Cap Decision
Measure 4- MVA days of feeder availability		
Defined exclusions	Further description of exclusion	Reference
4.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
4.2	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
4.3	Force majeure	Appendix D Revenue Cap Decision
Measure 5- MVA days of 'transmission bulk supply' transformers non-availability		
Defined exclusions	Further description of exclusion	Reference
5.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
5.2	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
5.3	Force majeure	Appendix D Revenue Cap Decision
Measure 6 - MVAR days of reactive plant non-availability		
Defined exclusions	Further description of exclusion	Reference
6.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
6.2	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
6.3	Force majeure	Appendix D Revenue Cap Decision
Measure 7 - Loss of supply due to forced transmission asset outages		
Defined exclusions	Further description of exclusion	Reference
7.1	Unregulated transmission assets.	Appendix D Revenue Cap Decision
7.2	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
7.3	Planned outages	Appendix D Revenue Cap Decision
7.4	Force majeure	Appendix D Revenue Cap Decision
Measure 8 - Hours that planned outage plans were in place		
Defined exclusions	Further description of exclusion	Reference
8.1	Planned outages	Appendix D Revenue Cap Decision
8.2	Momentary interruptions	Appendix D Revenue Cap Decision
8.3	Force majeure	Appendix D Revenue Cap Decision