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.

ElectraNet - SERVICE STANDARDS PERFORMANCE

Performance Inputs							
S	**Performance parameter**	**Collar**	**Target**	**Cap**	**Revenue at Risk**	Performance (Without exclusions)	Performance (With exclusions)
S1	**Total transmission circuit availability**	99.10%	99.47%	99.63%	0.30%	99.010000%	99.590464%
S2	**Critical circuit availability – peak**	98.52%	99.24%	99.51%	0.20%	97.800000%	99.300280%
S3	**Critical circuit availability – non-peak (zero weighting)**	98.88%	99.62%	99.95%	0.00%	98.000872%	99.414133%
S4	**Loss of supply event frequency (>0.05 system minutes)**	11	8	6	0.10%	10	7
S5	**Loss of supply event frequency (>0.2 system minutes)**	6	4	2	0.20%	4	1
S6	**Average outage duration (minutes)**	119	78	38	0.20%	705	256

Revenue Determination Inputs	
TNSP:	ElectraNet
STPIS version:	January, 2007
Regulatory Determination	2008/09 - 2012/13
Base Year Allowed Revenue	$ 229,990,000
Base Year	2008–09
X-factor	-5.93%
Commencement of regulatory year	1-Jul-08

Other inputs	
Assessment Period	2011
Financial year to affect revenue:	2012/13
Date prepared:	
Revision date:	

Other Inputs						
Annual revenue adjusted for C	**Mar-08**	**Mar-09**	**Mar-10**	**Mar-11**	**Mar-12**	**Mar-13**
CPI	162.2	166.2	171.0	176.7		

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.

ElectraNet - 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 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	Proposed excluded hrs	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	Total transmission circuit availability	DALRYMPLE - WATTLE POINT 132 KV LINE	Bird caused flashover on transformer 1 33kV bushing at Dalrymple	Birds/Animals	21/01/2011	06:10:00	21/01/2011	08:01:00	DALRYMPLE - WATTLE POINT 132 KV LINE	N/A		1.85	1.1 Unregulated Transmission Asset	Trip due to TF bushing flashover caused by birds
		ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	Outage < 1 minute	Storm/Wind	4/02/2011	15:43:00	4/02/2011	15:43:00	ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to Storm/Wind
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Supervisory shutdown / restoration after fault operation	followed North West Bend - Berri 132kV line fault	4/02/2011	16:24:00	4/02/2011	22:32:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		6.13	1.1 Unregulated Transmission Asset	Result of North West Bend - Berri 132kV line fault
		ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 1	Outage < 1 minute	Storm/Wind	4/02/2011	18:16:00	4/02/2011	18:16:00	ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to Storm/Wind
		MONASH - BERRI CONVERTER STATION 132KV LINE	outage due to lightning	Lightning	4/02/2011	18:16:00	4/02/2011	18:31:00	MONASH - BERRI CONVERTER STATION 132KV LINE	N/A		0.25	1.1 Unregulated Transmission Asset	Lightning
		KEITH - SNUGGERY 132KV LINE	Outage < 1 minute	Storm/Wind	15/02/2011	18:32:00	15/02/2011	18:32:00	KEITH - SNUGGERY 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to Storm/Wind
		TIPS A - TORRENS ISLAND NORTH 66KV LINE 2	Insulator washing	Insulators	27/02/2011	06:19:00	27/02/2011	09:51:00	TIPS A - TORRENS ISLAND NORTH 66KV LINE 2	N/A		3.53	1.1 Unregulated Transmission Asset	Insulator washing using live line methods
		WATERLOO - TEMPLERS 132KV LINE	Outage < 1 minute	Storm/Wind	8/03/2011	15:23:00	8/03/2011	15:23:00	WATERLOO - TEMPLERS 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to Storm/Wind
		PORT LINCOLN TERMINAL - SLEAFORD 132KV LINE	Circuit Breaker Maintenance	Circuit Breakers	21/03/2011	12:43:00	26/03/2011	14:52:00	PORT LINCOLN TERMINAL - SLEAFORD 132KV LINE	N/A		122.15	1.1 Unregulated Transmission Asset	Circuit Breaker Maintenance
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Shutdown / switching for customer	Customer Request	30/03/2011	07:43:00	30/03/2011	18:42:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		10.98	1.1 Unregulated Transmission Asset	Grayling Personell request
		MONASH - MURRAYLINK BERRI C/S 132KV LINE	Protection Signalling Tests	Protection	30/03/2011	09:48:00	30/03/2011	18:20:00	MONASH - MURRAYLINK BERRI C/S 132KV LINE	N/A		8.53	1.1 Unregulated Transmission Asset	Protection maintenance of unregulated asset
		CANOWIE - HALLETT 275KV LINE	Isolation for TRU	Customer Request	5/04/2011	10:19:00	5/04/2011	15:40:00	CANOWIE - HALLETT 275KV LINE	N/A		5.35	1.1 Unregulated Transmission Asset	Isolation for TRU
		TAILEM BEND - KEITH 132KV LINE	Outage < 1 minute	Plant Failure	6/04/2011	06:15:00	6/04/2011	06:15:00	TAILEM BEND - KEITH 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to flashed insulator
		BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	Isolate wind farm as per the wind farms request	Customer Request	7/04/2011	08:01:00	7/04/2011	10:40:00	BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	N/A		2.65	1.1 Unregulated Transmission Asset	Wind farm requested isolation
		PELICAN POINT - PELICAN POINT GT12 275KV LINE	Isolation for International Power	Customer Request	8/04/2011	10:33:00	10/04/2011	17:11:00	PELICAN POINT - PELICAN POINT GT12 275KV LINE	N/A		54.63	1.2 3rd Party Outage	Customer Request
		NEW OSBORNE - OCPL 66KV LINE 1	Isolation for customer	Customer Request	9/04/2011	06:45:00	9/04/2011	17:23:00	NEW OSBORNE - OCPL 66KV LINE 1	N/A		10.63	1.2 3rd Party Outage	Isolation for OCPL
		PELICAN POINT - PELICAN POINT ST18 275KV LINE	Isolation for customer	Customer Request	9/04/2011	08:30:00	10/04/2011	16:59:00	PELICAN POINT - PELICAN POINT ST18 275KV LINE	N/A		32.48	1.2 3rd Party Outage	Isolation for International power
		NEW OSBORNE - OCPL 66KV LINE 2	Isolation for customer	Customer Request	9/04/2011	17:56:00	10/04/2011	17:23:00	NEW OSBORNE - OCPL 66KV LINE 2	N/A		23.45	1.2 3rd Party Outage	Isolation for OCPL
		MOKOTA - HALLETT HILL WIND FARM 275KV LINE	Isolation for customer	Customer Request	11/04/2011	07:52:00	12/04/2011	11:56:00	MOKOTA - HALLETT HILL WIND FARM 275KV LINE	N/A		28.07	1.1 Unregulated Transmission Asset	Isolation for Hallett Hill Wind Farm
		DAVENPORT - OLYMPIC DAM WEST 275KV LINE	Repair conductors	Lines/Cables	11/04/2011	22:27:00	12/04/2011	07:38:00	DAVENPORT - OLYMPIC DAM WEST 275KV LINE	N/A		9.18	1.1 Unregulated Transmission Asset	Repair conductors
		DAVENPORT - OLYMPIC DAM WEST 275KV LINE	Trip when line was re-energised after conductor repairs	Plant Failure	12/04/2011	07:38:00	12/04/2011	08:45:00	DAVENPORT - OLYMPIC DAM WEST 275KV LINE	N/A		1.12	1.1 Unregulated Transmission Asset	Protection detected a 3 phase fault on restoration of the line
		DAVENPORT - OLYMPIC DAM WEST 275KV LINE	Trip when line was re-energised after conductor repairs	Plant Failure	12/04/2011	08:45:00	12/04/2011	10:01:00	DAVENPORT - OLYMPIC DAM WEST 275KV LINE	N/A		1.27	1.1 Unregulated Transmission Asset	Protection detected a 3 phase fault on restoration of the line
		DAVENPORT - PLAYFORD A HOUSE 132KV LINE	Isolation for customer	Customer Request	16/04/2011	09:09:00	16/04/2011	09:24:00	DAVENPORT - PLAYFORD A HOUSE 132KV LINE	N/A		0.25	1.2 3rd Party Outage	Isolation for Alinta Energy
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	16/04/2011	09:09:00	16/04/2011	09:24:00	DAVENPORT - PLAYFORD A HOUSE 132KV LINE	N/A		0.25	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	Isolation for customer	Customer Request	20/04/2011	08:12:00	20/04/2011	15:11:00	REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	N/A		6.98	1.1 Unregulated Transmission Asset	Isolation for Clements Gap
		REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	Communications failure	Plant Failure	27/04/2011	22:58:00	28/04/2011	01:47:00	REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	N/A		2.82	1.1 Unregulated Transmission Asset	Communications failure between Bungama and Merriton
		TIPS A - TORRENS ISLAND NORTH 66KV LINE 1	Accidental trip during protection testing by customer	3rd Party	4/05/2011	04:24:00	4/05/2011	15:46:00	TIPS A - TORRENS ISLAND NORTH 66KV LINE 2	N/A		11.37	1.1 Unregulated Transmission Asset	Accidental trip during protection testing by Quarantine Power Station
		TAILEM BEND - KEITH 132KV LINE 2	Outage < 1 minute	Plant Failure	5/05/2011	03:45:00	5/05/2011	03:45:00	TAILEM BEND - KEITH 132KV LINE 2	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose after insulator flashover
		MONASH - MURRAYLINK BERRI C/S 132KV LINE	Station DC supply lost when personnel disconnected Monash Subs	Maintenance	12/05/2011	15:00:00	12/05/2011	15:37:00	MONASH - MURRAYLINK BERRI C/S 132KV LINE	N/A		0.62	1.1 Unregulated Transmission Asset	Trip during maintenance
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Isolation for customer	Customer Request	15/05/2011	07:54:00	15/05/2011	23:04:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		15.17	1.1 Unregulated Transmission Asset	Isolation for BHP Biliton
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Northern Power Station conducting trip to house load tests	3rd Party	20/05/2011	20:33:00	20/05/2011	20:38:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		0.08	1.1 Unregulated Transmission Asset	Event caused by Alinta Energy
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Isolation for customer	Customer Request	21/05/2011	11:11:00	21/05/2011	13:56:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		2.75	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Isolation for customer	Customer Request	24/05/2011	05:20:00	24/05/2011	18:15:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		12.92	1.1 Unregulated Transmission Asset	Isolation for Grayling Personnel
		BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	Isolation for customer	Customer Request	27/05/2011	07:52:00	27/05/2011	12:35:00	BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	N/A		4.72	1.1 Unregulated Transmission Asset	Wind farm requested isolation
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Isolation for customer	Customer Request	1/06/2011	09:17:00	1/06/2011	15:03:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		5.77	1.1 Unregulated Transmission Asset	Replacing damaged insulators
		DAVENPORT - PLAYFORD A HOUSE 132KV LINE	Isolation for customer	Customer Request	12/06/2011	12:28:00	12/06/2011	12:38:00	DAVENPORT - PLAYFORD A HOUSE 132KV LINE	N/A		0.17	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	12/06/2011	12:28:00	12/06/2011	12:38:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		0.17	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Protection Maintenance	Protection	23/06/2011	09:28:00	26/06/2011	17:42:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		80.23	1.1 Unregulated Transmission Asset	Isolation for protection maintenance
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Outage for Voltage Control	Voltage Control	10/07/2011	15:15:00	14/07/2011	13:14:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		93.98	1.1 Unregulated Transmission Asset	Outage for Voltage Control
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Isolation for customer	Customer Request	12/07/2011	04:14:00	13/07/2011	16:02:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		35.80	1.2 3rd Party Outage	Isolation for Flinders Power
		DAVENPORT - CULTANA 275KV LINE	Outage for Voltage Control	Voltage Control	13/07/2011	00:19:00	13/07/2011	06:12:00	DAVENPORT - PIMBA 132KV LINE	N/A		5.88	1.3 Outages to Control Voltage	Outage for Voltage Control
		DAVENPORT - CULTANA 275KV LINE	Outage for Voltage Control	Voltage Control	14/07/2011	00:32:00	15/07/2011	06:00:00	DAVENPORT - PIMBA 132KV LINE	N/A		29.47	1.3 Outages to Control Voltage	Outage for Voltage Control
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Outage for Voltage Control	Voltage Control	14/07/2011	13:47:00	18/07/2011	09:10:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		91.38	1.1 Unregulated Transmission Asset	Outage for Voltage Control
		NEW OSBORNE - TIPS A 66KV LINE 3	Configure TIPS A switchyard for black start test via Quarantine Pow	Other	24/07/2011	08:28:00	24/07/2011	13:30:00	NEW OSBORNE - TIPS A 66KV LINE 3	N/A		5.03	1.2 3rd Party Outage	Outage for Black Start test
		NEW OSBORNE - TIPS A 66KV LINE 4	Configure TIPS A switchyard for black start test via Quarantine Pow	Other	24/07/2011	08:29:00	24/07/2011	13:31:00	NEW OSBORNE - TIPS A 66KV LINE 4	N/A		5.03	1.2 3rd Party Outage	Outage for Black Start test
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	1/08/2011	05:00:00	1/08/2011	12:58:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		7.97	1.2 3rd Party Outage	Isolation for SP Ausnet
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	10/08/2011	01:16:00	12/08/2011	10:16:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		57.00	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		OLYMPIC DAM NORTH - PIMBA 132KV LINE	Outage for Voltage Control	Voltage Control	10/08/2011	13:55:00	18/10/2011	13:33:00	OLYMPIC DAM NORTH - PIMBA 132KV LINE	N/A		1655.63	1.1 Unregulated Transmission Asset	Outage for Voltage Control
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Isolation for customer	Customer Request	13/08/2011	10:28:00	2/10/2011	10:54:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		1200.43	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	15/08/2011	07:58:00	23/08/2011	14:25:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		198.45	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		ARDROSSAN WEST - DALRYMPLE 132KV LINE	Outage < 1 minute	Plant Failure	22/08/2011	23:37:00	22/08/2011	23:37:00	ARDROSSAN WEST - DALRYMPLE 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Event caused by insulator flashover
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	30/08/2011	09:58:00	30/08/2011	17:48:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		7.83	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	31/08/2011	09:08:00	31/08/2011	16:46:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		7.63	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	1/09/2011	07:59:00	1/09/2011	16:52:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		8.88	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	5/09/2011	08:32:00	5/09/2011	17:48:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		9.27	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	6/09/2011	08:40:00	6/09/2011	16:10:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		7.50	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		PELICAN POINT - PELICAN POINT GT11 275KV LINE	Isolation for customer	Customer Request	7/09/2011	10:32:00	23/09/2011	16:23:00	PELICAN POINT - PELICAN POINT GT11 275KV LINE	N/A		389.85	1.2 3rd Party Outage	Isolation for International power
		TIPS A - TORRENS ISLAND NORTH 66KV LINE 1	Protection Maintenance	Protection	8/09/2011	09:42:00	8/09/2011	16:09:00	TIPS A - TORRENS ISLAND NORTH 66KV LINE 1	N/A		6.45	1.1 Unregulated Transmission Asset	Isolation for protection maintenance
		TORRENS ISLAND NORTH - OPS GT5 66KV LINE	Protection Maintenance	Protection	8/09/2011	09:42:00	8/09/2011	16:09:00	TORRENS ISLAND NORTH - OPS GTS 66KV LINE	N/A		6.45	1.1 Unregulated Transmission Asset	Isolation for protection maintenance
		NEW OSBORNE - TIPS A 66KV LINE 3	Protection Maintenance	Protection	8/09/2011	09:43:00	8/09/2011	16:04:00	NEW OSBORNE - TIPS A 66KV LINE 3	N/A		6.35	1.2 3rd Party Outage	Isolation for protection maintenance
		NEW OSBORNE - OCPL 66KV LINE 1	Isolation for customer	Customer Request	10/09/2011	07:11:00	10/09/2011	07:58:00	NEW OSBORNE - OCPL 66KV LINE 1	N/A		0.78	1.2 3rd Party Outage	Isolation for OCPL
		NEW OSBORNE - OCPL 66KV LINE 2	Isolation for customer	Customer Request	15/09/2011	09:59:00	17/09/2011	11:37:00	NEW OSBORNE - OCPL 66KV LINE 2	N/A		49.63	1.2 3rd Party Outage	Isolation for OCPL
		PELICAN POINT - PELICAN POINT ST18 275KV LINE	Isolation for customer	Customer Request	23/09/2011	08:46:00	23/09/2011	15:13:00	PELICAN POINT - PELICAN POINT ST18 275KV LINE	N/A		6.45	1.2 3rd Party Outage	Isolation for International power
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	23/09/2011	11:20:00	23/09/2011	17:36:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		6.27	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE	Outage < 1 minute	Lightning	28/09/2011	02:02:00	28/09/2011	02:02:00	HUMMOCKS - SNOWTOWN - BUNGAMA 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		CANOWIE - HALLETT 275KV LINE	Outage < 1 minute	Lightning	28/09/2011	05:28:00	28/09/2011	05:28:00	CANOWIE - HALLETT 275KV LINE	N/A		0.00	1.1 Unregulated Transmission Asset	Successful Reclose due to lightning/storm
		CANOWIE - ROBERTSTOWN 275KV LINE	Outage < 1 minute	Lightning	28/09/2011	05:28:00	28/09/2011	05:28:00	CANOWIE - ROBERTSTOWN 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	Communications failure	Plant Failure	3/10/2011	23:53:00	4/10/2011	07:55:00	REDHILL - CLEMENTS GAP WIND FARM 132KV LINE	N/A		8.03	1.1 Unregulated Transmission Asset	Communications failure in mid north
		BERRI - NORTH WEST BEND 132KV LINE 2	Outage < 1 minute	Plant Failure	4/10/2011	06:39:00	4/10/2011	06:39:00	BERRI - NORTH WEST BEND 132KV LINE 2	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to insulator flashover
		MONASH - BERRI CONVERTER STATION 132KV LINE	Insulator flashover on Berri - North West Bend 132kV line 2	Plant Failure	4/10/2011	06:39:00	4/10/2011	08:45:00	MONASH - BERRI CONVERTER STATION 132KV LINE	N/A		2.10	1.1 Unregulated Transmission Asset	Trip in response to Berri - North West Bend 132kV line 2 reclose
		OLYMPIC DAM WEST - OLYMPIC DAM NORTH 132KV LINE 2	Isolation for customer	Customer Request	5/10/2011	19:31:00	6/10/2011	19:30:00	OLYMPIC DAM WEST - OLYMPIC DAM NORTH 132KV LINE 2	N/A		23.98	1.1 Unregulated Transmission Asset	Isolation for OD-BHP personnel
		LADBROKE GROVE - PENOLA WEST 132KV LINE	Isolation for customer	Customer Request	10/10/2011	08:40:00	12/10/2011	12:59:00	TORRENS ISLAND NORTH - OPS GTS 66KV LINE	N/A		52.32	1.1 Unregulated Transmission Asset	Isolation for Origin Energy
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Isolation for customer	Customer Request	11/10/2011	06:30:00	11/10/2011	20:11:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		13.68	1.1 Unregulated Transmission Asset	Isolation for Grayling Personnel
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Isolation for customer	Customer Request	12/10/2011	06:30:00	12/10/2011	18:38:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		12.13	1.1 Unregulated Transmission Asset	Isolation for Grayling Personnel
		MONASH - BERRI CONVERTER STATION 132KV LINE	Protection Maintenance	Protection	12/10/2011	08:18:00	12/10/2011	18:25:00	MONASH - BERRI CONVERTER STATION 132KV LINE	N/A		10.12	1.1 Unregulated Transmission Asset	end to end protection tests on Monash - Murraylink 132kV line
		MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	Isolation for customer	Customer Request	13/10/2011	06:30:00	13/10/2011	22:37:00	MURRAY REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A		16.12	1.1 Unregulated Transmission Asset	Isolation for Grayling Personnel
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	17/10/2011	09:35:00	17/10/2011	16:43:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		7.13	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	18/10/2011	06:37:00	18/10/2011	17:02:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		10.42	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	19/10/2011	06:36:00	19/10/2011	16:33:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		9.95	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	20/10/2011	06:31:00	20/10/2011	16:34:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		10.05	1.2 3rd Party Outage	Isolation for SP-AusNet
		PELICAN POINT - PELICAN POINT GT12 275KV LINE	Isolation for customer	Customer Request	21/10/2011	08:49:00	23/10/2011	18:55:00	PELICAN POINT - PELICAN POINT GT12 275KV LINE	N/A		58.10	1.2 3rd Party Outage	Isolation for International power
		PELICAN POINT - PELICAN POINT ST18 275KV LINE	Isolation for customer	Customer Request	22/10/2011	07:10:00	23/10/2011	14:30:00	PELICAN POINT - PELICAN POINT ST18 275KV LINE	N/A		31.33	1.2 3rd Party Outage	Isolation for International power
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Isolation for customer	Customer Request	2/11/2011	13:27:00	13/11/2011	09:02:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		259.58	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		DALRYMPLE - WATTLE POINT 132 KV LINE	Outage < 1 minute	3rd Party	8/11/2011	09:23:00	8/11/2011	09:23:00	DALRYMPLE - WATTLE POINT 132 KV LINE	N/A		0.00	1.1 Unregulated Transmission Asset	Fault on windfarm asset
		DAVENPORT - OLYMPIC DAM WEST 275KV LINE	Single phase line fault	3rd Party	8/11/2011	20:15:00	9/11/2011	01:49:00	DAVENPORT - OLYMPIC DAM WEST 275KV LINE	N/A		5.57	1.1 Unregulated Transmission Asset	Line fault
		DAVENPORT - LEIGH CREEK 132KV LINE	Sever storms blew several poles over.	Storm/Wind	8/11/2011	21:50:00	9/11/2011	17:12:00	DAVENPORT - LEIGH CREEK 132KV LINE	N/A	-0.002%	19.37	1.6 Force Majeure	Severe storms blew several towers over. Duartion to restoration of Neuroodla
		CANOWIE - DAVENPORT 275KV LINE	Outage for Voltage Control	Voltage Control	9/11/2011	07:39:00	9/11/2011	07:54:00	CANOWIE - DAVENPORT 275KV LINE	N/A		0.25	1.3 Outages to Control Voltage	Outage for Voltage Control
		DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	Isolation for customer	Customer Request	13/11/2011	09:02:00	13/11/2011	17:34:00	DAVENPORT - NORTHERN POWER STATION 275KV LINE 1	N/A		8.53	1.1 Unregulated Transmission Asset	Isolation for Alinta Energy
		SLEAFORD - PORT LINCOLN 132KV LINE	Outage < 1 minute	Storm/Wind	18/11/2011	21:52:00	18/11/2011	21:52:00	SLEAFORD - PORT LINCOLN 132KV LINE	N/A		0.00	1.1 Unregulated Transmission Asset	Successful Reclose due to lightning/storm
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	23/11/2011	08:30:00	23/11/2011	17:21:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		8.85	1.1 Unregulated Transmission Asset	Isolation for Augusta Operation Personel
		DALRYMPLE - WATTLE POINT 132 KV LINE	Isolation for customer	Customer Request	6/12/2011	09:20:00	6/12/2011	13:19:00	DALRYMPLE - WATTLE POINT 132 KV LINE	N/A		3.98	1.1 Unregulated Transmission Asset	Isolation for AGL internal works
		BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	Isolation for customer	Customer Request	8/12/2011	07:13:00	9/12/2011	15:52:00	BELALIE - NORTH BROWN HILL WINDFARM 275KV LINE	N/A		32.65	1.1 Unregulated Transmission Asset	Isolation for AGL internal works
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	13/12/2011	13:54:00	13/12/2011	18:37:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		4.72	1.1 Unregulated Transmission Asset	Swithing for Augusta Operators
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	14/12/2011	13:38:00	14/12/2011	16:31:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		2.88	1.1 Unregulated Transmission Asset	Switching Training for Alinta
		CLARE NORTH - MINTARO 132KV LINE	Isolation for customer	Customer Request	15/12/2011	09:43:00	15/12/2011	12:28:00	CLARE NORTH - MINTARO 132KV LINE	N/A		2.75	1.2 3rd Party Outage	Isolation for Synergen black start testing
		MINTARO - WATERLOO 132KV LINE	Isolation for customer	Customer Request	15/12/2011	09:43:00	15/12/2011	12:28:00	CLARE NORTH - MINTARO 132KV LINE	N/A		2.75	1.2 3rd Party Outage	Isolation for Synergen black start testing
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	15/12/2011	11:11:00	15/12/2011	15:25:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		4.23	1.1 Unregulated Transmission Asset	Switching for Augusta personnel
		PLAYFORD - NORTHERN POWER STATION 132KV LINE	Isolation for customer	Customer Request	16/12/2011	13:14:00	16/12/2011	16:54:00	PLAYFORD - NORTHERN POWER STATION 132KV LINE	N/A		3.67	1.1 Unregulated Transmission Asset	Switching for Augusta personnel
		HUMMOCKS - KADINA EAST 132KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	15:54:00	17/12/2011	15:54:00	HUMMOCKS - KADINA EAST 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		ROBERTSTOWN - NORTH WEST BEND 132KV LINE 2	Outage < 1 minute	Storm/Wind	17/12/2011	16:38:00	17/12/2011	16:38:00	ROBERTSTOWN - NORTH WEST BEND 132 KV LINE 2	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		DALRYMPLE - WATTLE POINT 132 KV LINE	Outage < 1 minute	Other - Not Specified	17/12/2011	20:37:00	17/12/2011	22:57:00	DALRYMPLE - WATTLE POINT 132 KV LINE	N/A		2.33	1.1 Unregulated Transmission Asset	Trip following Hummocks -Snowtown-Bungama 132kV line event
		BUNGAMA - BAROOTA 132KV LINE	Sever storms blew several poles over.	Plant Failure	17/12/2011	20:37:00	21/12/2011	08:12:00	BUNGAMA - BAROOTA 132KV LINE	N/A	-0.009%	83.58	1.6 Force Majeure	Sever storms blew several poles over.
		BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	21:13:00	17/12/2011	21:13:00	BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		PARA - BUNGAMA 275KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	21:15:00	17/12/2011	21:15:00	PARA - BUNGAMA 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		MINTARO - WATERLOO 132KV LINE	Outage < 1 minute	Lightning	17/12/2011	21:45:00	17/12/2011	21:45:00	MINTARO - WATERLOO 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		MINTARO - WATERLOO 132KV LINE	Outage < 1 minute	Lightning	17/12/2011	21:47:00	17/12/2011	21:47:00	MINTARO - WATERLOO 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		HUMMOCKS - WATERLOO 132KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	22:02:00	17/12/2011	22:02:00	HUMMOCKS - WATERLOO 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		ROBERTSTOWN - MOKOTA 275KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	22:11:00	17/12/2011	22:11:00	ROBERTSTOWN - MOKOTA 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		MT BARKER - MOBILONG 132KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	22:41:00	17/12/2011	22:41:00	MT BARKER - MOBILONG 132KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		MAYURRA - LAKE BONNEY WIND FARM STAGE 2B 33KV LINE	Circuit Breaker Repairs	Circuit Breakers	28/12/2011	15:02:00	28/12/2011	15:24:00	MAYURRA - LAKE BONNEY WIND FARM STAGE 2B 33KV LINE	N/A		0.37	1.1 Unregulated Transmission Asset	Isolation for repairs to circuit breaker

		MAYURRA - LAKE BONNEY WIND FARM STAGE 1 33KV LINE	Circuit Breaker Repairs	Circuit Breakers	28/12/2011	15:02:00	28/12/2011	16:21:00	MAYURRA - LAKE BONNEY WIND FARM STAGE 1 33KV LINE	N/A		1.32	1.1 Unregulated Transmission Asset	Isolation for repairs to circuit breaker
		MAYURRA - LAKE BONNEY WIND FARM STAGE 2A 33KV LINE	Circuit Breaker Repairs	Circuit Breakers	28/12/2011	15:02:00	28/12/2011	16:21:00	MAYURRA - LAKE BONNEY WIND FARM STAGE 2A 33KV LINE	N/A		1.32	1.1 Unregulated Transmission Asset	Isolation for repairs to circuit breaker
		SOUTH EAST - MAYURRA - SNUGGERY 132KV LINE	Circuit Breaker Repairs	Circuit Breakers	28/12/2011	15:03:00	28/12/2011	15:17:00	SOUTH EAST - MAYURRA - SNUGGERY 132KV LINE	N/A		0.23	1.1 Unregulated Transmission Asset	Isolation for repairs to circuit breaker
		MAYURRA - LAKE BONNEY WIND FARM STAGE 2B 33KV LINE	Crow Caused flashover	Birds/Animals	29/12/2011	14:56:00	29/12/2011	15:56:00	MAYURRA - LAKE BONNEY WIND FARM STAGE 2B 33KV LINE	N/A		1.00	1.1 Unregulated Transmission Asset	Outage caused by wildlife
		Port Lincoln Gas Turbine Connection (40840)	Islanding tests	Port Lincoln Gas Turbine Connection (40840)	22/02/2011	19:15:00	22/02/2011	23:10:00	PORT LINCOLN TERMINAL - SLEAFORD 132KV LINE	N/A		3.92	1.1 Unregulated Transmission Asset	Outage for islanding scheme
										N/A				
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	22/03/2011	07:34:00	30/03/2011	16:23:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A	-0.129%	200.82	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - MT BARKER 132 KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	22/03/2011	09:03:00	30/03/2011	16:41:00	CHERRY GARDENS - MT BARKER 132 KV LINE	N/A		199.63	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	5/04/2011	08:06:00	17/04/2011	16:17:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		296.18	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - MT BARKER 132 KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	5/04/2011	08:19:00	17/04/2011	17:03:00	CHERRY GARDENS - MT BARKER 132 KV LINE	N/A		296.73	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		MT BARKER - MOBILONG (MBR-HAHN NO.3)	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	30/04/2011	06:21:00	5/05/2011	15:00:00	MT BARKER - MOBILONG (MBR-HAHN NO.3)	N/A		128.65	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	30/04/2011	08:36:00	12/05/2011	16:10:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		295.57	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	12/05/2011	17:46:00	12/05/2011	17:47:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		0.02	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TAILEM BEND 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	16/05/2011	09:12:00	22/05/2011	11:26:00	CHERRY GARDENS - TAILEM BEND 275KV LINE	N/A		146.23	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		WUDINNA - YADNARIE 132KV LINE	Capital Project Work	Wudinna 2x25MVA 132_66kV Transformer Reinforcement (	10/05/2011	12:09:00	18/05/2011	15:49:00	WUDINNA - YADNARIE 132KV LINE	N/A	-0.021%	195.67	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		WUDINNA - YADNARIE 132KV LINE	Capital Project Work	Wudinna 2x25MVA 132_66kV Transformer Reinforcement (	25/10/2011	09:14:00	8/11/2011	16:01:00	WUDINNA - YADNARIE 132KV LINE	N/A		342.78	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		MONASH - BERRI 132KV LINE 2	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	24/05/2011	07:42:00	24/05/2011	08:43:00	MONASH - BERRI 132KV LINE 2	N/A	-0.034%	1.02	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		MONASH - BERRI 132KV LINE 1	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	24/05/2011	08:51:00	24/05/2011	09:49:00	MONASH - BERRI 132KV LINE 1	N/A		0.97	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		MONASH - BERRI 132KV LINE 1	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	22/08/2011	08:00:00	2/09/2011	09:59:00	MONASH - BERRI 132KV LINE 1	N/A		265.98	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		MONASH - BERRI 132KV LINE 2	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	12/09/2011	08:42:00	22/09/2011	13:41:00	MONASH - BERRI 132KV LINE 2	N/A		244.98	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		HAPPY VALLEY - MAGILL 275KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	11/10/2011	08:18:00	15/10/2011	15:03:00	HAPPY VALLEY - MAGILL 275KV LINE	N/A		102.75	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		DAVENPORT - LEIGH CREEK 132KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	30/10/2011	06:43:00	30/10/2011	12:26:00	DAVENPORT - LEIGH CREEK 132KV LINE	N/A		5.72	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	15/11/2011	08:30:00	15/11/2011	16:26:00	KEITH - KINCRAIG 132KV LINE	N/A		7.93	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	21/11/2011	08:53:00	21/11/2011	18:54:00	KEITH - KINCRAIG 132KV LINE	N/A		10.02	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	27/11/2011	09:10:00	27/11/2011	18:57:00	KEITH - KINCRAIG 132KV LINE	N/A		9.78	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KINCRAIG - PENOLA WEST 275KV LINE	Capital Project Work	Unit Asset Replacements 2008-2013 (11350)	9/12/2011	08:02:00	9/12/2011	19:57:00	KINCRAIG - PENOLA WEST 275KV LINE	N/A		11.92	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	6/06/2011	7:52:00	16/06/2011	15:50:00	BRINKWORTH - PARA 275 KV LINE	N/A	-0.215%	247.97	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	19/06/2011	10:18:00	30/06/2011	14:23:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		268.08	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	3/07/2011	9:12:00	16/07/2011	17:48:00	BRINKWORTH - PARA 275 KV LINE	N/A		320.60	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	17/07/2011	10:00:00	28/07/2011	14:16:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		268.27	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/07/2011	10:47:00	13/09/2011	13:26:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		1058.65	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/10/2011	10:05:00	9/11/2011	20:33:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		226.47	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		DALRYMPLE - WATTLE POINT 132 KV LINE	Capital Project Work	Ardrossan West 132kV Substation Rebuild and 2x25MVA Tra	3/07/2011	1:31:00	3/07/2011	10:48:00	DALRYMPLE - WATTLE POINT 132 KV LINE	N/A		9.28	1.1 Unregulated Transmission Asset	Outage for Project
		DORRIEN - ROSEWORTHY 132KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	20/06/2011	8:16:00	30/06/2011	17:00:00	DORRIEN - ROSEWORTHY 132KV LINE	N/A	-0.041%	248.73	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		ROSEWORTHY - TEMPLERS 132KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	20/06/2011	8:16:00	30/06/2011	17:00:00	ROSEWORTHY - TEMPLERS 132KV LINE	N/A		248.73	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		DORRIEN - ROSEWORTHY 132KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	19/07/2011	7:50:00	19/07/2011	10:57:00	DORRIEN - ROSEWORTHY 132KV LINE	N/A		3.12	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		ROSEWORTHY - TEMPLERS 132KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	19/07/2011	7:50:00	27/07/2011	15:35:00	ROSEWORTHY - TEMPLERS 132KV LINE	N/A		199.75	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - PARA 275KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	3/12/2011	7:46:00	3/12/2011	17:41:00	TEMPLERS WEST - PARA 275KV LINE	N/A		9.92	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	4/12/2011	7:35:00	4/12/2011	18:06:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		10.52	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - DORRIEN 132KV LINE	Capital Project Work	Templers 275kV Substation Stage 1 (11204)	5/12/2011	8:01:00	5/12/2011	17:53:00	TEMPLERS WEST - DORRIEN 132KV LINE	N/A		9.87	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TIPS B 275 KV LINE	Capital Project Work	Para-PGW-TIPS Telecoms Bearer Replacement (11112)	26/07/2011	7:45:00	3/08/2011	16:07:00	CHERRY GARDENS - TIPS B 275 KV LINE	N/A	-0.056%	200.37	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TIPS B 275 KV LINE	Capital Project Work	Para-PGW-TIPS Telecoms Bearer Replacement (11112)	9/08/2011	9:09:00	17/08/2011	16:10:00	CHERRY GARDENS - TIPS B 275 KV LINE	N/A		199.02	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TIPS B 275 KV LINE	Capital Project Work	Para-PGW-TIPS Telecoms Bearer Replacement (11112)	23/08/2011	8:00:00	31/08/2011	16:43:00	CHERRY GARDENS - TIPS B 275 KV LINE	N/A		200.72	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TIPS B 275 KV LINE	Capital Project Work	Para-PGW-TIPS Telecoms Bearer Replacement (11112)	5/09/2011	8:24:00	16/09/2011	16:05:00	CHERRY GARDENS - TIPS B 275 KV LINE	N/A		271.68	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	South East Dual Path Telecommunications (11216)	22/09/2011	7:15:00	28/09/2011	18:10:00	KEITH - KINCRAIG 132KV LINE	N/A	-0.071%	154.92	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	South East Dual Path Telecommunications (11216)	5/10/2011	7:14:00	13/10/2011	15:58:00	KEITH - KINCRAIG 132KV LINE	N/A		200.73	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	South East Dual Path Telecommunications (11216)	18/10/2011	7:14:00	26/10/2011	15:55:00	KEITH - KINCRAIG 132KV LINE	N/A		200.68	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KEITH - KINCRAIG 132KV LINE	Capital Project Work	South East Dual Path Telecommunications (11216)	31/10/2011	12:30:00	31/10/2011	13:58:00	KEITH - KINCRAIG 132KV LINE	N/A		1.47	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		KINCRAIG - PENOLA WEST 275KV LINE	Capital Project Work	South East Dual Path Telecommunications (11216)	4/11/2011	14:39:00	9/11/2011	11:49:00	KINCRAIG - PENOLA WEST 275KV LINE	N/A		117.17	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		WATERLOO EAST - WATERLOO 132KV LINE	Capital Project Work	Waterloo W/F Connection (10898)	1/09/2011	7:26:00	1/09/2011	17:37	WATERLOO EAST - WATERLOO 132KV LINE	N/A	-0.002%	10.18	1.1 Unregulated Transmission Asset	Wind Farm Connetion
		ROBERTSTOWN - MORGAN WHYALLA PS4 132 KV LINE	Capital Project Work	Waterloo W/F Connection (10898)	2/09/2011	7:43:00	2/09/2011	13:32	ROBERTSTOWN - MORGAN WHYALLA PS4 132 KV LINE	N/A		5.82	1.1 Unregulated Transmission Asset	Wind Farm Connetion
		WATERLOO EAST - MORGAN WHYALLA PS4 132 KV LINE	Capital Project Work	Waterloo W/F Connection (10898)	2/09/2011	7:43:00	2/09/2011	13:32	WATERLOO EAST - MORGAN WHYALLA PS4 132 KV LINE	N/A		5.82	1.1 Unregulated Transmission Asset	Wind Farm Connetion
S2	Critical circuit availability – peak	HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	1/08/2011	05:00:00	1/08/2011	12:58:00	HEYWOOD - SOUTH EAST 275KV LINE	N/A		4.97	1.2 3rd Party Outage	Isolation for SP Ausnet
		CANOWIE - ROBERTSTOWN 275KV LINE	Outage < 1 minute	Lightning	28/09/2011	05:28:00	28/09/2011	05:28:00	CANOWIE - ROBERTSTOWN 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	17/10/2011	09:35:00	17/10/2011	16:43:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		7.13	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	18/10/2011	06:37:00	18/10/2011	17:02:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		9.03	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	19/10/2011	06:36:00	19/10/2011	16:33:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		8.55	1.2 3rd Party Outage	Isolation for SP-AusNet
		HEYWOOD - SOUTH EAST 275KV LINE 1	Isolation for customer	Customer Request	20/10/2011	06:31:00	20/10/2011	16:34:00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A		8.57	1.2 3rd Party Outage	Isolation for SP-AusNet
		CANOWIE - DAVENPORT 275KV LINE	Outage for Voltage Control	Voltage Control	9/11/2011	07:39:00	9/11/2011	07:54:00	CANOWIE - DAVENPORT 275KV LINE	N/A		0.00	1.3 Outages to Control Voltage	Outage for Voltage Control
		PARA - BUNGAMA 275KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	21:15:00	17/12/2011	21:15:00	PARA - BUNGAMA 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		ROBERTSTOWN - MOKOTA 275KV LINE	Outage < 1 minute	Storm/Wind	17/12/2011	22:11:00	17/12/2011	22:11:00	ROBERTSTOWN - MOKOTA 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	22/03/2011	07:34:00	30/03/2011	16:23:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A	-0.340%	80.38	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	5/04/2011	08:06:00	17/04/2011	16:17:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		107.90	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	30/04/2011	08:36:00	12/05/2011	16:10:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		104.17	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	12/05/2011	17:46:00	12/05/2011	17:47:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		0.02	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TAILEM BEND 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	16/05/2011	09:12:00	22/05/2011	11:26:00	CHERRY GARDENS - TAILEM BEND 275KV LINE	N/A		58.80	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	6/06/2011	07:52:00	16/06/2011	15:50:00	BRINKWORTH - PARA 275 KV LINE	N/A	-1.160%	103.83	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	19/06/2011	10:18:00	30/06/2011	14:23:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		102.38	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	3/07/2011	09:12:00	16/07/2011	17:48:00	BRINKWORTH - PARA 275 KV LINE	N/A		120.00	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	17/07/2011	10:00:00	28/07/2011	14:16:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		102.27	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/07/2011	10:47:00	13/09/2011	13:26:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		377.43	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/10/2011	10:05:00	9/11/2011	20:33:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		93.92	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
S3	Critical circuit availability – non-peak (zero weighting)	CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	22/03/2011	07:34:00	30/03/2011	16:23:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A	-0.321%	120.43	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	5/04/2011	08:06:00	17/04/2011	16:17:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		188.28	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TUNGKILLO 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	30/04/2011	08:36:00	12/05/2011	16:10:00	CHERRY GARDENS - TUNGKILLO 275KV LINE	N/A		191.40	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CHERRY GARDENS - TAILEM BEND 275KV LINE	Capital Project Work	Mount Barker South 275_66kV Injection (11108)	16/05/2011	09:12:00	22/05/2011	11:26:00	CHERRY GARDENS - TAILEM BEND 275KV LINE	N/A		87.43	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	6/06/2011	07:52:00	16/06/2011	15:50:00	BRINKWORTH - PARA 275 KV LINE	N/A	-1.093%	144.13	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	19/06/2011	10:18:00	30/06/2011	14:23:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		165.70	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - PARA 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	3/07/2011	09:12:00	16/07/2011	17:48:00	BRINKWORTH - PARA 275 KV LINE	N/A		200.60	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		BRINKWORTH - DAVENPORT 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	17/07/2011	10:00:00	28/07/2011	14:16:00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A		166.00	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/07/2011	10:47:00	13/09/2011	13:26:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		681.22	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		TEMPLERS WEST - BRINKWORTH 275 KV LINE	Capital Project Work	Re-Insulation of F1910 and F1911 (AP11018)	31/10/2011	10:05:00	9/11/2011	20:33:00	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A		132.55	1.5 Capped Outages	Capped aggregrate outage duration to 336hrs
		CANOWIE - ROBERTSTOWN 275KV LINE	Outage < 1 minute	Lightning	28/09/2011	5:28:00	28/09/11	05:28:00	CANOWIE - ROBERTSTOWN 275KV LINE	N/A		0.00	Transient interruptions less than one (1) minute	Successful Reclose due to lightning/storm

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	Proposed Excluded hrs	The (MW) demand shed and the duration it was shed for.	Impact of exclusion event on LOS Parameter		A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S4	Loss of supply event frequency (>0.05 system minutes)	Event 2509 - Dorrien 33kV bus and 132/33/11kV TF2	On Wednesday 10 August 2011 at 0622, the Dorrien 33kV bus and 132/33/11kV TF2 tripped after ElectraNet received a direct intertrip signal from ETSA Utilities protection for an EU fault.		10/08/2011	6:22	10/08/2011	9:10	Dorrien 33kV bus and 132/33/11kV TF2	3413		9 MW for 168 minutes	1	3rd Party	Direct intertrip from ETSA Utilities protection for their fault
		Event 2536 - Davenport - Leigh Creek 132kV line	On Tuesday 8 November 2011 at 2150, the Davenport - Leigh Creek 132kV line tripped and locked out after a severe storm passed through the northern end of the line blowing over several towers. To restore partial supply Leigh Creek Coal and South were disconnected from the 132kV line via line taps so that Neurroodla could be restored. Local generation at Leigh Creek South kept local supply on approximately 2hrs after the event. Approximately 0.5MW of load was lost at Neuroodla for 168 minutes, 1.76MW for 10709 minutes at Leigh Creek Coalfield and 1.26MW for 120 minutes at Leigh Creek South, totalling a 4.7 system minute event. If successful exclusion can not be obtained this event has the potential to increase the system minutes > 0.05 from 3 to 4 and > 0.2 from 1 to 2. AOD has the potential to increase from 340 minutes to 1123 minutes. This event is being treated as a Forced Majure event and is likely to be excluded from the PI Scheme.		8/11/2011	21:50	9/11/2011	17:12	Leigh Creek Coalfieldm Leigh Creek South, Neuroodla	3413		0.5MW for 1162 minutes	1	Force Majeure	Severe storms blew several towers over. Leigh Creek South had local generation however the quatity is not known
		Event 2552 - Bungama - Baroota 132kV line	On Saturday 17 December 2011 at 2037 the Bungama - Baroota 132kV line tripped as a result of strong storm conditions blowing over several poles. Under normal conditions supply can be back fed from Bungama via the Murraytown-Baroota 33kV line however the supply changeover could not be achieved as the Murraytown-Baroota 33kV line had a number of poles on the ground as well due to the storms. Approximately 3.5MW of load was lost for 998 minutes until the Murraytown-Baroota 33kV line was re-instated. This event however is being classified as Force Majeure and is expected to be excluded from the PI Scheme.		17/12/2011	20:37	18/12/2011	13:15	Baroota	3413		3.5MW for 998 minutes	1	Force Majeure	Sever storms blew several poles over.
S5	Loss of supply event frequency (>0.2 system minutes)	Event 2509 - Dorrien 33kV bus and 132/33/11kV TF2	On Wednesday 10 August 2011 at 0622, the Dorrien 33kV bus and 132/33/11kV TF2 tripped after ElectraNet received a direct intertrip signal from ETSA Utilities protection for an EU fault.		10/08/2011	6:22	10/08/2011	9:10	Dorrien 33kV bus and 132/33/11kV TF2	3413		9 MW for 168 minutes	1	3rd Party	Direct intertrip from ETSA Utilities protection for their fault
		Event 2536 - Davenport - Leigh Creek 132kV line	On Tuesday 8 November 2011 at 2150, the Davenport - Leigh Creek 132kV line tripped and locked out after a severe storm passed through the northern end of the line blowing over several towers. To restore partial supply Leigh Creek Coal and South were disconnected from the 132kV line via line taps so that Neurroodla could be restored. Local generation at Leigh Creek South kept local supply on however how is not known. Approximately 0.5MW of load was lost at Neuroodla for 168 minutes, 1.76MW for 10709 minutes at Leigh Creek Coalfield and 1.26MW for 120 minutes at Leigh Creek South, totalling a 4.7 system minute event. This event is being treated as a Forced Majure event and is likely to be excluded from the PI Scheme.		8/11/2011	21:50	9/11/2011	17:12	Leigh Creek Coalfieldm Leigh Creek South, Neuroodla	3413		0.5MW for 1162 minutes	1	Force Majure	Severe storms blew several towers over. Leigh Creek South had local generation however the quatity is not known
		Event 2552 - Bungama - Baroota 132kV line	On Saturday 17 December 2011 at 2037 the Bungama - Baroota 132kV line tripped as a result of strong storm conditions blowing over several poles. Under normal conditions supply can be back fed from Bungama via the Murraytown-Baroota 33kV line however the supply changeover could not be achieved as the Murraytown-Baroota 33kV line had a number of poles on the ground as well due to the storms. Approximately 3.5MW of load was lost for 998 minutes until the Murraytown-Baroota 33kV line was re-instated. This event however is being classified as Force Majeure and is expected to be excluded from the PI Scheme.		17/12/2011	20:37	18/12/2011	13:15	Baroota	3413		3.5MW for 998 minutes	1	Force Majeure	Sever storms blew several poles over.

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			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	Proposed Excluded hrs	Impact of exclusion event on AOD Parameter	Impact of capped exclusion event on AOD parameter		A TNSP may provide further details of an exclusion event. TNSP to provide reference.
S6	Average outage duration (minutes)	Event 2509 - Dorrien 33kV bus and 132/33/11kV TF2	On Wednesday 10 August 2011 at 0622, the Dorrien 33kV bus and 132/33/11kV TF2 tripped after ElectraNet received a direct intertrip signal from ETSA Utilities protection for an EU fault.		10/08/2011	6:22	10/08/2011	9:10	Dorrien 33kV bus and 132/33/11kV TF2		168	1	3rd Party	Direct intertrip from ETSA Utilities protection for their fault
		Event 2514 - Middleback asset	On Sunday 28 August 2011 at 0548 the 132/33kV TF 1 at Middleback substation tripped due to a One Steel asset blowing up. There was no load at the time of the event. This event has been classified as a 3rd Party event.		28/08/2011	5:48	28/08/2011	9:43	Middleback One Steel		235	1	3rd Party	ElectraNet protection operated to clear a 3rd party fault
		Event 2533 - Kanmantoo plant failure	On Friday 4 November 2011 at 1921, the 132/11kV TF2 at Kanmantoo tripped to clear an 11kV downstream fault within the Kanmantoo mine. Approximately 1MW of load was lost however the event has been classified as 3rd Party and is excluded from the PI Scheme.		4/11/2011	19:21	4/11/2011	20:33	Kanmantoo Mine		72	1	3rd Party	ElectraNet protection operated to clear a 3rd party fault
		Event 2536 - Davenport - Leigh Creek 132kV line	On Tuesday 8 November 2011 at 2150, the Davenport - Leigh Creek 132kV line tripped and locked out after a severe storm passed through the northern end of the line blowing over several towers. To restore partial supply Leigh Creek Coal and South were disconnected from the 132kV line via line taps so that Neurroodla could be restored. Local generation at Leigh Creek South kept local supply on however how is not known. Approximately 0.5MW of load was lost at Neuroodla for 168 minutes, 1.76MW for 10709 minutes at Leigh Creek Coalfield and 1.26MW for 120 minutes at Leigh Creek South, totalling a 4.7 system minute event. This event is being treated as a Forced Majure event and is likely to be excluded from the PI Scheme.		8/11/2011	21:50	9/11/2011	17:12	Neuroodla		1162	1	Force Majeure	Severe storms blew over several towers.
					8/11/2011	21:50	16/11/2011	8:19	Leigh Creek Coalfield		10709	1	Force Majeure	Severe storms blew over several towers.
					8/11/2011	21:50	8/11/2011	23:50	Leigh Creek South		120	1	Force Majeure	Severe storms blew over several towers.
		Event 2552 - Bungama - Baroota 132kV line	On Saturday 17 December 2011 at 2037 the Bungama - Baroota 132kV line tripped as a result of strong storm conditions blowing over several poles. Under normal conditions supply can be back fed from Bungama via the Murraytown-Baroota 33kV line however the supply changeover could not be achieved as the Murraytown-Baroota 33kV line had a number of poles on the ground as well due to the storms. Approximately 3.5MW of load was lost for 998 minutes until the Murraytown-Baroota 33kV line was re-instated. This event however is being classified as Force Majeure and is expected to be excluded from the PI Scheme.		17/12/2011	20:37	18/12/2011	13:15	Baroota		998	1	Force Majeure	Severe storms blew over several towers.

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.

ElectraNet - S1 - Total transmission circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
al transmission circuit availat	98.90%	99.10%	99.47%	99.63%	99.80%
Weighting	-0.30%	-0.30%	0.00%	0.30%	0.30%

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.003000							Availability	<	99.10%	-0.003000	-0.003000
	=	0.810811	x	Availability	+	-0.806514	99.10%	≤	Availability	≤	99.47%	-0.003730	0.000977
	=	1.875000	x	Availability	+	-1.865063	99.47%	≤	Availability	≤	99.63%	-0.008625	0.002259
	=	0.003000					99.63%	<	Availability			0.003000	0.003000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
al transmission circuit availat	=	99.010000%	99.590464%
S-Factor	=	-0.300000%	0.225870%

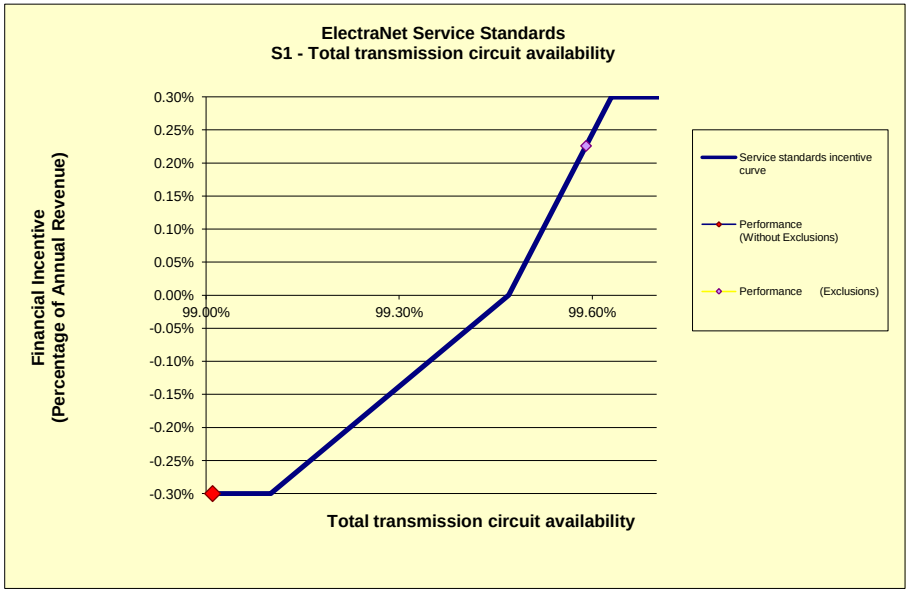
NOTE: This sheet will automatically update based on data in input sheets

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



ElectraNet - S2 - Critical circuit availability – peak

Performance Targets	Graph start	Collar	Target	Cap	Graph end
ritical circuit availability – pea	98.30%	98.52%	99.24%	99.51%	99.70%
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	<	98.52%	-0.002000	-0.002000
	=	0.277778	x	Availability	+	-0.275667	98.52%	≤	Availability	≤	99.24%	-0.004000	0.000167
	=	0.740741	x	Availability	+	-0.735111	99.24%	≤	Availability	≤	99.51%	-0.010667	0.000447
	=	0.002000					99.51%	<	Availability			0.002000	0.002000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
ritical circuit availability – pea	=	97.800000%	99.300280%
S-Factor	=	-0.200000%	0.044652%

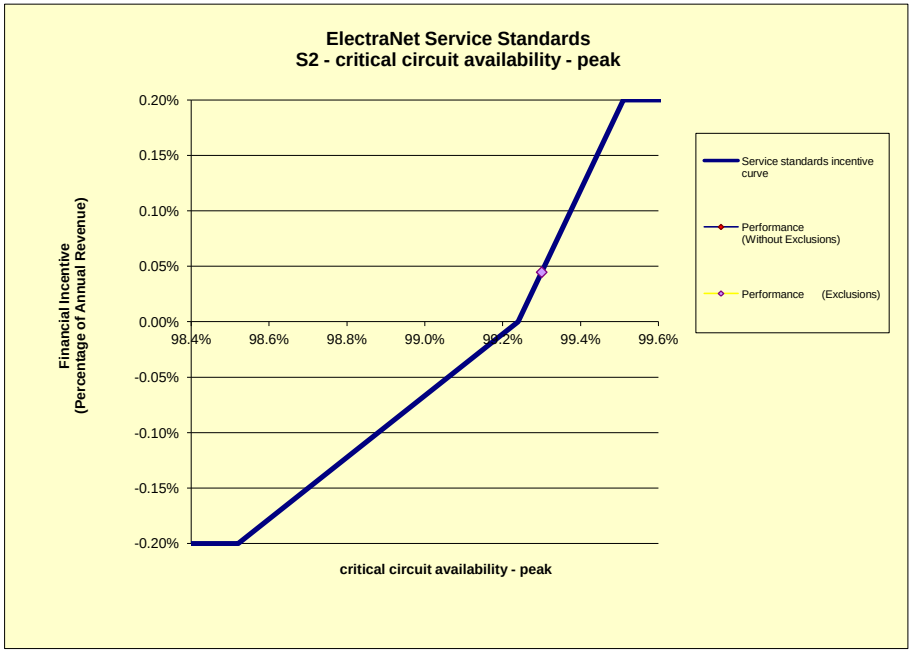
NOTE: This sheet will automatically update based on data in input sheets

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



ElectraNet - S3 - Critical circuit availability – non-peak (zero weighting)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
cuit availability – non-peak (zero	98.70%	98.88%	99.62%	99.95%	100.20%
Weighting	0.00%	0.00%	0.00%	0.00%	0.00%

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	0.000000					When:		Availability	<	98.88%	0.000000	0.000000
	=	0.000000	x	Availability	+	0.000000	98.88%	≤	Availability	≤	99.62%	0.000000	0.000000
	=	0.000000	x	Availability	+	0.000000	99.62%	≤	Availability	≤	99.95%	0.000000	0.000000
	=	0.000000					99.95%	<	Availability			0.000000	0.000000

Performance Outcomes		Performance (Without Exclusions)	Performance (Exclusions)
cuit availability – non-peak (zero	=	98.000872%	99.414133%
S-Factor	=	0.000000%	0.000000%

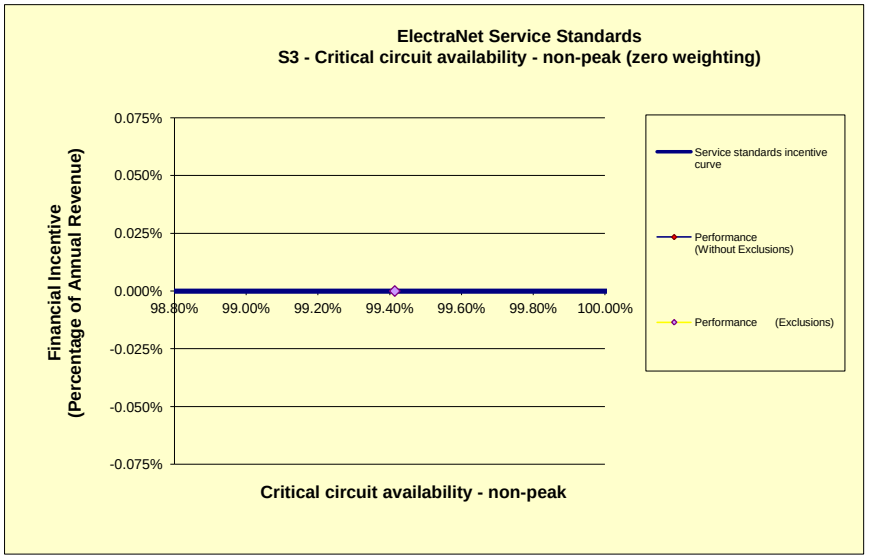
NOTE: This sheet will automatically update based on data in input sheets

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



ElectraNet - S4 - Loss of supply event frequency (>0.05 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (>0.05 system minutes)	13	11	8	6	-
Weighting	-0.10%	-0.100%	0.00%	0.100%	0.10%

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.001000					11	<	No. of events			-0.001000	-0.001000
	=	-0.000333	x	No. of events	+	0.002667	8	≤	No. of events	≤	11	-0.000667	0.000333
	=	-0.000500	x	No. of events	+	0.004000	6	≤	No. of events	≤	8	-0.001000	0.000500
	=	0.001000							No. of events	<	6	0.001000	0.001000

Loss of supply event frequency (>0.05 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency (>0.05 system minutes)	=	10	7
S-Factor		-0.066667%	0.050000%

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

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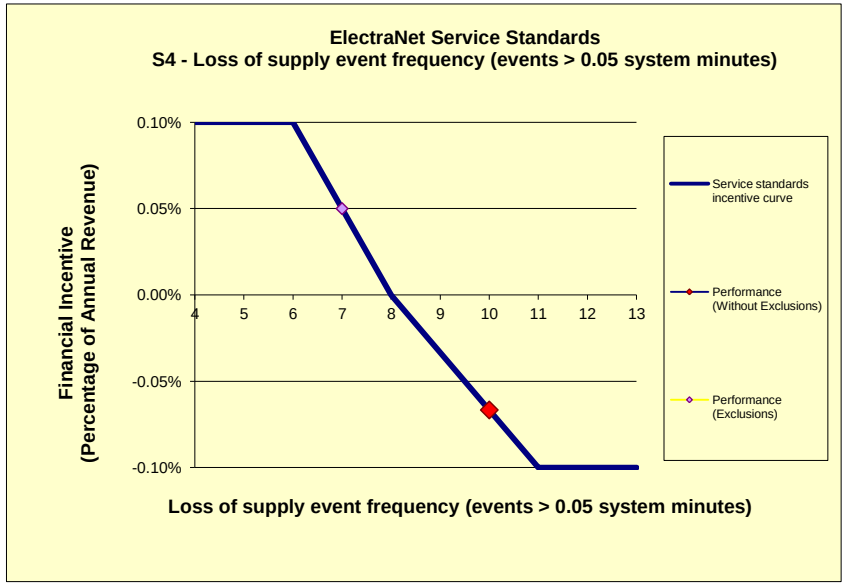
Pink cells show the TNSP's performance outcomes without any events excluded from performance data

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



ElectraNet - S5 - Loss of supply event frequency (>0.2 system minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply event frequency (>0.2 system minutes)	8	6	4	2	0
Weighting	-0.20%	-0.200%	0.00%	0.200%	0.20%

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.002000					6	<	No. of events			-0.002000	-0.002000
	=	-0.001000	x	No. of events	+	0.004000	4	≤	No. of events	≤	6	0.000000	0.003000
	=	-0.001000	x	No. of events	+	0.004000	2	≤	No. of events	≤	4	0.000000	0.003000
	=	0.002000							No. of events	=	2	0.002000	0.002000

Loss of supply event frequency (>0.2 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply event frequency (>0.2 system minutes)	=	4	1
S-Factor		0.000000%	0.200000%

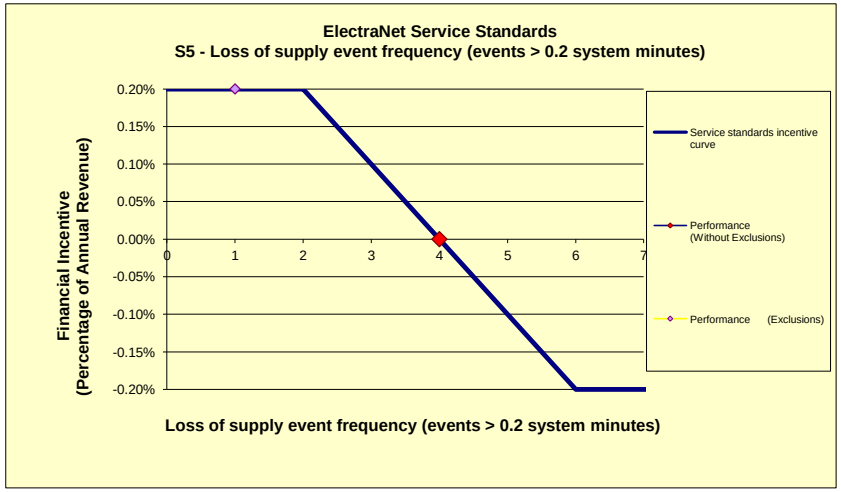
NOTE: This sheet will automatically update based on data in input sheets

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



ElectraNet - S6 - Average outage duration (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration (minutes)	119	119	78	38	-
Weighting	-0.20%	-0.200%	0.00%	0.200%	0.20%

Performance Formulae		Formulae					Conditions					S- Calc 1	S- Calc 2
Performance	=	-0.002000					119	<	Duration			-0.002000	-0.002000
	=	-0.000049	x	Duration	+	0.003805	78	≤	Duration	≤	119	-0.030591	-0.008696
	=	-0.000050	x	Duration	+	0.003900	38	≤	Duration	≤	78	-0.031356	-0.008913
	=	0.002000							Duration	<	38	0.002000	0.002000

Average outage duration (minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration (minutes)	=	705.115385	256.263158
S-Factor		-0.200000%	-0.200000%

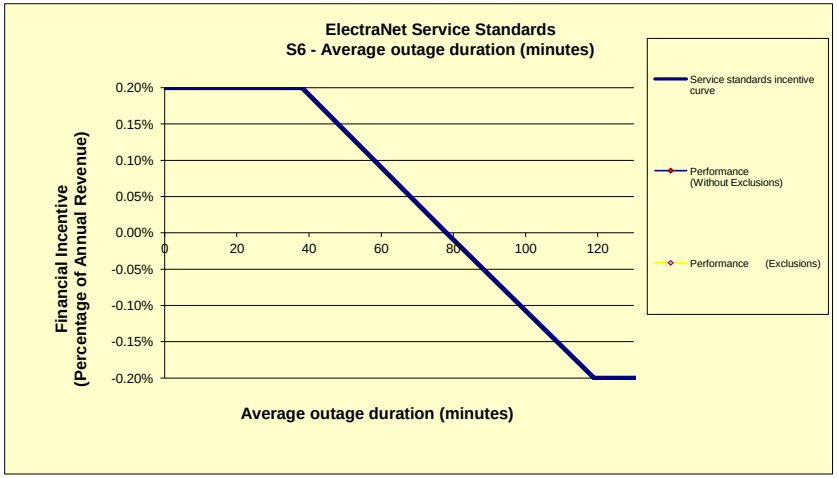
NOTE: This sheet will automatically update based on data in input sheets

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



ElectraNet - Revenue Calculation

X-factor from AER final decision

Revenue cap information	2008-09 to 2009-10
Base year allowed revenue (2008-09)	$229,990,000
Base year	2008–09
X-factor	-5.93%
Commencement of regulatory period	1-Jul-08

X-factor after approval of Munno Para contingent project

Revenue cap information	2010-11 to 2012-13
Base year allowed revenue (2010-11)	$272,077,206
Base year	2010-11
X-factor	-5.95%
Commencement of regulatory period	1-Jul-08

Annual revenue adjusted for CPI	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13
CPI	162.2	166.2	171.0	176.7	-	-

Nominal annual revenue	2008-09	2009-10	2010-11	2011-12	2012-13
Allowed Revenue	$229,990,000	$249,636,506	$272,128,575	$297,930,899	

Calendar year revenue	2008	2009	2010	2011	2012	2013
Revenue	$114,995,000	$239,813,253	$260,882,540	$285,029,737		

NOTE:

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

Grey cells show calendar year revenue

Green cells are for formula

ElectraNet - Performance outcomes

Revenue calendar year	*$285,029,737*

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 transmission circuit availability	99.47%	99.010000%	-0.300000%	-$855,089	99.590464%	0.225870%	$643,797	0.525870%
S2	Critical circuit availability – peak	99.24%	97.800000%	-0.200000%	-$570,059	99.300280%	0.044652%	$127,271	0.244652%
S3	Critical circuit availability – non-peak (zero weighting)	99.62%	98.000872%	0.000000%	$0	99.414133%	0.000000%	$0	0.000000%
S4	Loss of supply event frequency (>0.05 system minutes)	8	10	-0.066667%	-$190,020	7	0.050000%	$142,515	0.116667%
S5	Loss of supply event frequency (>0.2 system minutes)	4	4	0.000000%	$0	1	0.200000%	$570,059	0.200000%
S6	Average outage duration (minutes)	78	705	-0.200000%	-$570,059	256	-0.200000%	-$570,059	0.000000%
	TOTALS			-0.766667%	-$2,185,228		0.320522%	$913,583	1.087189%

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	0.320522%
Financial Incentive	$913,583
Financial year affected by financial incentive	2012/13

ElectraNet - Defined exclusions

No.	Parameter 1 - Transmission circuit availability		
	Defined exclusions	**Further description of exclusion**	**Reference**
1.1	Unregulated transmission assets		Appendix C Revenue cap decision
1.2	3rd party outages	Any outages shown to be caused by a 'third party system'—eg. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
1.3	Outages to control voltages	Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both cases only where the element is available for immediate energisation if required).	Appendix C Revenue cap decision
1.4	Circuit opening for operational purposes	The opening of only one end of a transmission line where the transmission line remains energised and available to carry power.	Appendix C Revenue cap decision
1.5	Capped outages	The number of interrupted hours related to a single transmission line redevelopment project or substation redevelopment project is capped at 336 hours (14 days).	Appendix C Revenue cap decision
1.6	Force majeure		Appendix D First proposed STPIS

No.	Parameter 2 - Critical circuit availability – peak		
	Defined exclusions	**Further description of exclusion**	**Reference**
2.1	Unregulated transmission assets		Appendix C Revenue cap decision
2.2	3rd party outages	Any outages shown to be caused by a 'third party system'—eg. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
2.3	Outages to control voltages	Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both cases only where the element is available for immediate energisation if required).	Appendix C Revenue cap decision
2.4	Circuit opening for operational purposes	The opening of only one end of a transmission line where the transmission line remains energised and available to carry power.	Appendix C Revenue cap decision
2.5	Capped outages	the number of interrupted hours related to a single transmission line redevelopment project or substation redevelopment project is capped at 336 hours (14 days).	Appendix C Revenue cap decision
2.6	Force majeure		Appendix D First proposed STPIS

	Parameter 3 - Loss of supply event frequency (>0.2 system minutes)		
	Defined exclusions	**Further description of exclusion**	**Reference**
3.1	Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
3.2	Unregulated transmission assets		Appendix C Revenue cap decision
3.3	3rd party outages	Any outages shown to be caused by a 'third party system'—e.g. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
3.4	Planned outages		Appendix C Revenue cap decision
3.5	Interconnector outages	For supply outages resulting from an interconnector outage, the period of the interruption is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (ie. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decision
3.6	Pumping station supply interruptions	Pumping station supply interruptions were excluded from historical data due to the highly irregular nature of these loads, which makes accurate estimation of load profiles unreliable.	Appendix C Revenue cap decision
3.7	Force majeure		Appendix D First proposed STPIS
3.8	ElectraNet protection operates incorrectly ahead of third party protection	Where ElectraNet protection operates incorrectly ahead of third party protection, the portion of customer load that would have been lost had ElectraNet protection not operated is removed from the total lost load.	Appendix C Revenue cap decision
3.9	ElectraNet protection operates correctly due to a fault on a third party system	Where ElectraNet protection operates correctly due to a fault on a third party system no lost load is recorded.	Appendix C Revenue cap decision

	Parameter 4 - Loss of supply event frequency (>1.0 system minutes)		
	Defined exclusions	**Further description of exclusion**	**Reference**
4.1	Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
4.2	Unregulated transmission assets		Appendix C Revenue cap decision
4.3	3rd party outages	Any outages shown to be caused by a 'third party system'—e.g. intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
4.4	Planned outages		Appendix C Revenue cap decision
4.5	Interconnector outages	For supply outages resulting from an interconnector outage, the period of the interruption is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (ie. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decision
4.6	Pumping station supply interruptions	Pumping station supply interruptions were excluded from historical data due to the highly irregular nature of these loads, which makes accurate estimation of load profiles unreliable.	Appendix C Revenue cap decision
4.7	Force majeure		Appendix D First proposed STPIS
4.8	ElectraNet protection operates incorrectly ahead of third party protection	Where ElectraNet protection operates incorrectly ahead of third party protection, the portion of customer load that would have been lost had ElectraNet protection not operated is removed from the total lost load.	Appendix C Revenue cap decision
4.9	ElectraNet protection operates correctly due to a fault on a third party system	Where ElectraNet protection operates correctly due to a fault on a third party system no lost load is recorded.	Appendix C Revenue cap decision

	Parameter 5 - Average outage duration		
	Defined exclusions	**Further description of exclusion**	**Reference**
5.1	Successful reclose events (<1 min duration)		Appendix C Revenue cap decision
5.2	Unregulated transmission assets		Appendix C Revenue cap decision
5.3	3rd party outages	any outages shown to be caused by a 'third party system'—eg intertrip signals, generator outage, customer installation, customer request or AEMO direction	Appendix C Revenue cap decision
5.4	Planned outages		Appendix C Revenue cap decision
5.5	Interconnector outages supply interruptions	For supply outages resulting from an interconnector outage, the duration is capped at half an hour. This is done to include the impact of automatic under-frequency load shedding, but to exclude the impact of any market failure to respond and restore load within required timeframes (i.e. excluding factors outside of ElectraNet's control).	Appendix C Revenue cap decision
5.6	Force majeure		Appendix D First proposed STPIS
5.7	ElectraNet protection operates correctly due to a fault on a third party system	Where ElectraNet protection operates correctly due to a fault on a third party system no lost load is recorded.	Appendix C Revenue cap decision

No.	Critical circuit availability – non-peak (zero weighting)		
	Defined exclusions	**Further description of exclusion**	**Reference**
6.1	Unregulated transmission assets		Appendix C Revenue cap decision
6.2	3rd party outages	Any outages shown to be caused by a 'third party system'—eg intertrip signals, generator outage, customer installation, customer request or AEMO direction.	Appendix C Revenue cap decision
6.3	Outages to control voltages	Outages to control voltages within required limits, both as directed by AEMO and where AEMO does not have direct oversight of the network (in both cases only where the element is available for immediate energisation if required).	Appendix C Revenue cap decision
6.4	Circuit opening for operational purposes	The opening of only one end of a transmission line where the transmission line remains energised and available to carry power.	Appendix C Revenue cap decision
6.5	Capped outages	The number of interrupted hours related to a single transmission line redevelopment project or substation redevelopment project is capped at 336 hours (14 days).	Appendix C Revenue cap decision
6.6	Force majeure		Appendix D First proposed STPIS (January 2007)

Service Target Perfomance Incentive Scheme - Definition of Forece Majeure

Definition of Force Majeure	Reference
For the purpose of applying the *service target performance incentive scheme* , 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: - 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 fore 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 In determining what force majeure events should be excluded the AER will consider the following: - 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