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.

ElectraNet - SERVICE STANDARDS PERFORMANCE

			Perform	ance Inputs			
s	Performance parameter	Collar	Target	Cap	Revenue at Risk	Performance (Without exclusions)	Performance (With exclusions)
S1	Total transmission circuit availability	99.02%	99.52%	99.68%	0.30%	98.682678%	99.412236%
S2	Critical circuit availability – peak	97.36%	99.12%	99.96%	0.10%	96.823401%	98.917478%
S3	Critical circuit availability – non-peak (zero weighting)	98.25%	99.37%	99.87%	0.00%	97.246020%	99.223322%
S4	Loss of supply event frequency (>0.05 system minutes)	9	7	4	0.20%	7	5
S5	Loss of supply event frequency (>0.2 system minutes)	4	2	0	0.20%	3	2
S6	Average outage duration (minutes)	323	203	83	0.20%	294.0556	250.5714

Revenue Determinat	tion Inputs		Other	inputs
TNSP:	ElectraNet		Assessment Period	2016
STPIS version:	March, 2011		Financial year to affect revenue:	2017/18
Regulatory Determination	2013/14 - 2017/18		Date prepared:	17 January 2017
Base Year Allowed Revenue	\$ 284,000,000		Revision date:	
Base Year	2013–14		Circuit int	formation
X-factor	-2.68%	-3.20%	Number of critical circuits	24
Commencement of regulatory year	1-Jul-13		Number of non- critical circuits	88
		1	Total circuits	

• •	ration information - thout exclusions
Number of connection point events	36
Total unplanned outage duration (system minutes)	10586

•	Itage duration
exc	lusions
Number of	
excluded	
connection	
point events	8
Total	
unplanned	
outage	
duration	
(system	
minutes)	7016
Total number	
of connection	
point events	
point events	28

		Oth	her Inputs			
Annual revenue adjusted for C	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17	Mar-18
СРІ	102.4	105.4	106.8	108.2		

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ElectraNet - Propo	sed exclusions availability												
CIRCUIT A VAILABILITY	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	Total hours unavailable	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 ti	me of event	End date and time	of event		Name of circuits or plant affected	Name of any equipment affected	Impact of exclusion event on availability sub-parameter	Full details of the reason's for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event.	A TNSP may provide further details of an exclusion event. TNSP to provide reference.
<u>S1</u> S1	DAVENPORT - LEIGH CREEK 132KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	4/01/2016	5 17:22:00	4/01/2016	17:22:00	0.00	DAVENPORT - LEIGH CREEK 132KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	MONASH - NORTH WEST BEND 132KV LINE 1	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	13/01/2016	13:18:00	13/01/2016	13:18:00	0.00	MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	13/01/2016	13:29:00	13/01/2016	13:29:00	0.00	MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	132KV LINE 2 ARDROSSAN WEST - DALRYMPLE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	21/01/2016	20:53:00	21/01/2016	20:53:00	0.00	LINE 2 ARDROSSAN WEST - DALRYMPLE 132 KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	132 KV LINE MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	22/01/2016	6 01:12:00	22/01/2016	01:12:00	0.00	LINE MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	132KV LINE 1 HUMMOCKS - WATERLOO 132 KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	22/01/2016	5 15:39:00	22/01/2016	15:39:00	0.00	LINE 1 HUMMOCKS - WATERLOO 132 KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
81	LINE CANOWIE - HALLETT 275 KV LINE	OUTAGE FOR BLACK	CUSTOMER REQUEST	10/02/2016	08:42:00	10/02/2016	13:14:00	4.53	CANOWIE - HALLETT 275 KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR ENERGY AUSTRALIA
	MURRAYLINK REDCLIFFS C/S -	START TEST OUTAGE FOR	CUSTOMER REQUEST	25/02/2016	6 4:30:00	25/02/2016	20:58:00	16.47	MURRAYLINK REDCLIFFS C/S -	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR MURRAYLINK APA PERSONNEL
S1	MURRAYLINK BERRI C/S 150KV LINE	MAINTENANCE							MURRAYLINK BERRI C/S 150KV LINE				
S1	BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	5/03/2016	17:38:00	5/03/2016	17:38:00	0.00	BUNGAMA - REDHILL - BRINKWORTH 132KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	REDHILL - CLEMENTS GAP WF 132K	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	5/03/2016	6 17:38:00	5/03/2016	17:38:00	0.00	REDHILL - CLEMENTS GAP WF 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	DALRYMPLE - WATTLE POINT 132KV LINE	TRIPPED DUE TO WATTLE POINT TRIPPING SCHEME	3RD PARTY	6/03/2016	5 15:25:00	6/03/2016	17:14:00	1.82	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO WATTLE POINT TRIPPING SCHEME
S1	CLARE NORTH - BRINKWORTH 132K	/ OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	6/03/2016	18:05:00	6/03/2016	18:05:00	0.00	CLARE NORTH - BRINKWORTH 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	MONASH - NORTH WEST BEND 132KV LINE 1	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	8/03/2016	6 18:46:00	8/03/2016	18:46:00	0.00	MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	BRINKWORTH - DAVENPORT 275 KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	8/03/2016	22:11:00	8/03/2016	22:11:00	0.00	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	EAST TERRACE - MAGILL 275 KV LINE	MAINTENANCE	VOLTAGE CONTROL	20/03/2016	9:04:00	21/03/2016	6:40:00	21.60	EAST TERRACE - MAGILL 275 KV LINE	N/A	N/A	1.3 OUTAGES TO CONTROL VOLTAGES	ISOLATION FOR VOLTAGE CONTROL
S1	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	23/03/2016	4:00:00	23/03/2016	19:23:00	15.38	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONTRACTOR
S1	EAST TERRACE - MAGILL 275 KV LINE	MAINTENANCE	VOLTAGE CONTROL	25/03/2016	6 11:04:00	29/03/2016	6:26:00	91.37	EAST TERRACE - MAGILL 275 KV LINE	N/A	N/A	1.3 OUTAGES TO CONTROL VOLTAGES	ISOLATION FOR VOLTAGE CONTROL
S1	NEW OSBORNE - OCPL 66 KV LINE 2	MAINTENANCE	CUSTOMER REQUEST	29/03/2016	6 7:52:00	30/03/2016	14:06:00	30.23	NEW OSBORNE - OCPL 66 KV LINE 2	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR OCPL PERSONNEL
S1	MOKOTA - HALLETT HILL WF 275KV	OUTAGE FOR	CUSTOMER REQUEST	30/03/2016	6 06:31:00	31/03/2016	19:30:00	36.98	MOKOTA - HALLETT HILL WF 275KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR AGL WINDFARM PERSONNEL
S1	LINE TAILEM BEND - KEITH 132 KV LINE 1	MAINTENANCE OUTAGE FOR	CONTINGENCY SWITCHING	30/03/2016	6 08:14:00	1/04/2016	08:41:00	48.45	TAILEM BEND - KEITH 132 KV LINE 1	N/A	N/A	1.4 CIRCUIT OPENINING FOR OPERATIONAL PURPOSES	CONTINGENCY SWITCHING
S1	NEW OSBORNE - OCPL 66 KV LINE 1	MAINTENANCE OUTAGE FOR	CUSTOMER REQUEST	30/03/2016	6 14:50:00	31/03/2016	17:48:00	26.97	NEW OSBORNE - OCPL 66 KV LINE 1	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR OCPL PERSONNEL
S1	CANOWIE - HALLETT 275 KV LINE	MAINTENANCE OUTAGE FOR ENERGY	CUSTOMER REQUEST	2/04/2016	08:19:00	5/04/2016	18:08:00	81.82	CANOWIE - HALLETT 275 KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SWITCHING FOR ENERGY AUSTRALIA & AGL
51	CANOWIE - ROBERTSTOWN 275 KV	AUSTRALIA &AGL OUTAGE FOR ENERGY	CUSTOMER REQUEST	2/04/2016	08:20:00	5/04/2016	18:08:00	81.80	CANOWIE - ROBERTSTOWN 275 KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SWITCHING FOR ENERGY AUSTRALIA & AGL
81	LINE WATERI OO EAST - WATERI OO	AUSTRALIA &AGL	CUSTOMER REQUEST	6/04/2016	05:27:00	7/04/2016	12:49:00	31.37	WATERI OO FAST - WATERI OO	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ENERGY AUSTRALIA
S1	WINDFARM 132KV LINE BELALIE - NORTH BROWN HILL	AUSTRALIA MAINTENANCE	ISOLATORS MAINTENANCE	6/04/2016	08:00:00	6/04/2016	17:55:00	9.92	WINDFARM 132KV LINE BELALIE - NORTH BROWN HILL	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	OUTAGE FOR ISOLATORS MAINTENANCE
S1	WINDFARM 275KV LINE	MAINTENANCE	ISOLATORS MAINTENANCE	7/04/2016	08:12:00	7/04/2016	16:34:00	8.37	WINDFARM 275KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	OUTAGE FOR ISOLATORS MAINTENANCE
S1	BELALIE - PORCUPINE RANGE WINDFARM 275KV LINE								BELALIE - PORCUPINE RANGE WINDFARM 275KV LINE				
S1	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE		CUSTOMER REQUEST	19/04/2016	i 13:33:00	19/04/2016	19:05:00	5.53	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONTRACTOR
S1	TIPS A - TORRENS ISLAND NORTH 66 KV LINE 1	MAINTENANCE	INSULATOR WASHING	23/04/2016	10:00:00	23/04/2016	12:01:00	2.02	TIPS A - TORRENS ISLAND NORTH 66 KV LINE 1	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INSULATOR WASHING
S1	TIPS A - TORRENS ISLAND NORTH 66 KV LINE 2	MAINTENANCE	INSULATOR WASHING	24/04/2016	08:30:00	24/04/2016	11:48:00	3.30	TIPS A - TORRENS ISLAND NORTH 66 KV LINE 2	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INSULATOR WASHING
S1	TORRENS ISLAND NORTH - QPS GT1 2 66 KV LINE	-MAINTENANCE	CUSTOMER REQUEST	24/04/2016	09:52:00	30/04/2016	11:12:00	145.33	TORRENS ISLAND NORTH - QPS GT1 - 2 66 KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN PERSONNEL
S1	MAYURRA - LAKE BONNEY WIND FARM STAGE 1.33KV LINE	CONSTRUCTION	PROJECT WORK	26/04/2016	07:33:00	26/04/2016	18:15:00	10.70	MAYURRA - LAKE BONNEY WIND FARM STAGE 1.33KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
S1	MAYURRA - LAKE BONNEY WIND FARM STAGE 2A 33KV LINE	CONSTRUCTION	PROJECT WORK	26/04/2016	6 07:33:00	26/04/2016	18:15:00	10.70	MAYURRA - LAKE BONNEY WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
S1	CLARE NORTH - MINTARO 132KV	OUTAGE FOR BLACK	CUSTOMER REQUEST	26/04/2016	08:06:00	26/04/2016	10:00:00	1.90	STAGE 2A 33KV LINE CLARE NORTH - MINTARO 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR BLACK START TEST
S1	LINE MINTARO - WATERLOO 132 kV LINE	START TEST OUTAGE FOR BLACK	CUSTOMER REQUEST	26/04/2016	6 08:06:00	26/04/2016	10:00:00	1.90	MINTARO - WATERLOO 132 kV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR BLACK START TEST
S1	MAYURRA - LAKE BONNEY WIND	START TEST MAINTENANCE	ISOLATORS MAINTENANCE	26/04/2016	09:25:00	26/04/2016	18:15:00	8.83	MAYURRA - LAKE BONNEY WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	ISOLATORS MAINTENANCE
S1	FARM STAGE 2A 33KV LINE MAYURRA - LAKE BONNEY WIND	CONSTRUCTION	PROJECT WORK	27/04/2016	6 07:43:00	27/04/2016	17:03:00	9.33	STAGE 2A 33KV LINE MAYURRA - LAKE BONNEY WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
S1	FARM STAGE 2B 33KV LINE MAYURRA - LAKE BONNEY WIND	CONSTRUCTION	PROJECT WORK	27/04/2016	5 14:14:00	27/04/2016	17:02:00	2.80	STAGE 2B 33KV LINE MAYURRA - LAKE BONNEY WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
S1	FARM STAGE 1 33KV LINE MAYURRA - LAKE BONNEY WIND	CONSTRUCTION	PROJECT WORK	27/04/2016	5 14:14:00	27/04/2016	17:02:00	2.80	STAGE 1 33KV LINE MAYURRA - LAKE BONNEY WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
	FARM STAGE 2A 33KV LINE MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	30/04/2016	20:43:00	30/04/2016	20:43:00	0.00	STAGE 2A 33KV LINE MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	132KV LINE 1 MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	30/04/2016	20:43:00		22:19:00		LINE 1 MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
S1	132KV LINE 2 LADBROKE GROVE - PENOLA WEST	MAINTENANCE	CUSTOMER REQUEST	1/05/2016	15:53:00	4/05/2016	15:35:00	71.70	LINE 2 LADBROKE GROVE - PENOLA WEST 132	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN ENERGY PERSONNEL
S1	132 KV LINE PELICAN POINT - PELICAN POINT	CONSTRUCTION	PROJECT WORK	2/05/2016	08:41:00	4/05/2016	15:29:00	54.80	KV LINE PELICAN POINT - PELICAN POINT ST18	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
S1	ST18 275 KV LINE	INADVERTANT TRIP BY	3RD PARTY	3/05/2016	08:41:00 11:49:00	3/05/2016	15:29:00	0.28	275 KV LINE LADBROKE GROVE - PENOLA WEST 132	N/A	N/A N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INADVERTANT TRIP BY LADBROKE GROVE
S1	132 KV LINE	WATTLE POINT WINDFARM	JAD FARIT	3/05/2016	11:49:00	3/05/2016	12:06:00	0.28	KV LINE	N/A	N/A	TH UNKEGULATED TRANSMISSION ASSETS	INADVERTANT TRIP BT LAUBRURE GROVE

OALRYMPLE - WATTLE POINT 132KV INE	WATTLE POINT	3RD PARTY	9/05/2016	13:31:00	9/05/2016	13:31:00	0.00	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INADVERTANT TRIP BY WATTLE POINT WINE
OALRYMPLE - WATTLE POINT 132KV INE	INADVERTANT TRIP BY WATTLE POINT WINDFARM	3RD PARTY	9/05/2016	13:52:00	9/05/2016	14:38:00	0.77	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INADVERTANT TRIP BY WATTLE POINT WINE
EW OSBORNE - TIPS A 66 KV LINE 3	MAINTENANCE	CUSTOMER REQUEST	21/05/2016	11:07:00	21/05/2016	13:52:00	2.75	NEW OSBORNE - TIPS A 66 KV LINE 3	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR BLACK START TEST
NEW OSBORNE - TIPS A 66 KV LINE 4	MAINTENANCE	CUSTOMER REQUEST	21/05/2016	11:07:00	21/05/2016	13:52:00	2.75	NEW OSBORNE - TIPS A 66 KV LINE 4	N/A	N/A	1.2 3RD PARTY OUTAGES	OUTAGE FOR BLACK START TEST
CANOWIE - HALLETT 275 KV LINE	TRIPPED DUE TO	DESIGN/CONSTRUCTION	25/05/2016	14:28:00	25/05/2016	16:32:00	2.07	CANOWIE - HALLETT 275 KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	ED DUE TO CANOWIE - ROBERTSTOWN 275K)
	CANOWIE - ROBERTSTOWN 275KV	BESIGNCONSTRUCTION	23/03/2010	14.20.00	23/03/2010	10.32.00	2.07			N/A		
VATERLOO EAST - WATERLOO	OUTAGE FOR ENERGY	CUSTOMER REQUEST	7/06/2016	07:56:00	7/06/2016	18:59:00	11.05	WATERLOO EAST - WATERLOO	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ENERGY AUSTRALIA
VINDFARM 132KV LINE VATERLOO EAST - WATERLOO VINDFARM 132KV LINE	AUSTRALIA OUTAGE FOR ENERGY AUSTRALIA	CUSTOMER REQUEST	8/06/2016	08:51:00	8/06/2016	08:51:00	0.00	WINDFARM 132KV LINE WATERLOO EAST - WATERLOO WINDFARM 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ENERGY AUSTRALIA
VATERLOO EAST - WATERLOO	OUTAGE FOR ENERGY AUSTRALIA	CUSTOMER REQUEST	9/06/2016	14:57:00	9/06/2016	17:59:00	3.03	WATERLOO EAST - WATERLOO WINDFARM 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ENERGY AUSTRALIA
VINDFARM 132KV LINE SNOWTOWN - SNOWTOWN	MAINTENANCE	TRANSFORMER MAINTAINANCE	14/06/2016	11:56:00	19/06/2016	15:23:00	123.45	SNOWTOWN - SNOWTOWN WINDFARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRANSFORMER MAINTAINANCE
VINDFARM 33KV LINE MOUNT LOCK - HORNSDALE WIND	CONSTRUCTION	PROJECT WORK	16/06/2016	08:30:00	16/06/2016	10:26:00	1.93	33KV LINE MOUNT LOCK - HORNSDALE WIND FARM	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
ARM 1 275kV LINE DAVENPORT - PLAYFORD 275 KV	MAINTENANCE	CUSTOMER REQUEST	17/06/2016	13:53:00	N/A	N/A	N/A	1 275kV LINE DAVENPORT - PLAYFORD 275 KV LINE 1	N/A	N/A	12 3RD PARTY OUTAGES	ISQLATION FOR ALINTA ENERGY
INE 1												
AVENPORT - PLAYFORD A HOUSE 32KV LINE	MAINTENANCE	CUSTOMER REQUEST	17/06/2016	16:23:00	N/A	N/A	N/A	DAVENPORT - PLAYFORD A HOUSE 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ALINTA ENERGY
/URRAYLINK REDCLIFFS C/S - /URRAYLINK BERRI C/S 150KV LINE	OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	22/06/2016	04:30:00	22/06/2016	19:19:00	14.82	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONT
IT BARKER SOUTH - CHERRY	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	24/06/2016	01:47:00	24/06/2016	01:47:00	0.00	MT BARKER SOUTH - CHERRY GARDENS	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
CARDENS 275 KV LINE PELICAN POINT - PELICAN POINT	MAINTENANCE	CUSTOMER REQUEST	27/06/2016	09:15:00	30/06/2016	13:42:00	76.45	275 KV LINE PELICAN POINT - PELICAN POINT GT11	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR GDF SUEZ
PELICAN POINT - PELICAN POINT	MAINTENANCE	CUSTOMER REQUEST	27/06/2016	10:00:00	30/06/2016	13:59:00	75.98	275 KV LINE PELICAN POINT - PELICAN POINT ST18	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR GDF SUEZ
ST 18 275 KV LINE								275 KV LINE				
DAVENPORT - NORTHERN POWER STATION 275 KV LINE 1	MAINTENANCE	CUSTOMER REQUEST	29/06/2016	08:34:00	N/A	N/A	N/A	DAVENPORT - NORTHERN POWER STATION 275 KV LINE 1	N/A	N/A	1.2 3RD PARTY OUTAGES	DECOMMISSIONED FOR ALINTA ENER
AVENPORT - NORTHERN POWER TATION 275 KV LINE 2	MAINTENANCE	CUSTOMER REQUEST	29/06/2016	10:43:00	N/A	N/A	N/A	STATION 275 KV LINE 1 DAVENPORT - NORTHERN POWER STATION 275 KV LINE 2	N/A	N/A	1.2 3RD PARTY OUTAGES	DECOMMISSIONED FOR ALINTA ENER
IT BARKER - MOBILONG (MBR-HAHN	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	06:31:00	11/07/2016	06:31:00	0.00	MT BARKER - MOBILONG (MBR-HAHN	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
IO.2 PUMP TO MOBILONG) IT BARKER - MOBILONG (MBR-HAHN IO.3 PUMP TO KANMANTOO MINE)	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	06:31:00	11/07/2016	06:31:00	0.00	NO.2 PUMP TO MOBILONG) MT BARKER - MOBILONG (MBR-HAHN NO.3 PUMP TO KANMANTOO MINE)	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
T BARKER - MOBILONG (MBR-HAHN	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	06:31:00	11/07/2016	06:31:00	0.00	MT BARKER - MOBILONG (MBR-HAHN	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
IT BARKER - MOBILONG (NO.3 TO IO.2 MBR-HAHN PUMPS)	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	06:31:00	11/07/2016	06:31:00	0.00	MT BARKER - MOBILONG (NO.3 TO NO.2 MBR-HAHN PUMPS)	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
T BARKER - MOBILONG (MBR-HAHN	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	07:13:00	11/07/2016	07:13:00	0.00	MT BARKER - MOBILONG (MBR-HAHN	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
<u>IO.2 PUMP TO MOBILONG)</u> IT BARKER - MOBILONG (MBR-HAHN IO.3 PUMP TO KANMANTOO MINE)	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	07:13:00	11/07/2016	07:13:00	0.00	NO.2 PUMP TO MOBILONG) MT BARKER - MOBILONG (MBR-HAHN NO.3 PUMP TO KANMANTOO MINE)	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
IT BARKER - MOBILONG (MBR-HAHN	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	07:13:00	11/07/2016	07:13:00	0.00	MT BARKER - MOBILONG (MBR-HAHN	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
IO.3) IT BARKER - MOBILONG (NO.3 TO	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/07/2016	07:13:00	11/07/2016	07:13:00	0.00	NO.3) MT BARKER - MOBILONG (NO.3 TO NO.2	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
O.2 MBR-HAHN PUMPS) DALRYMPLE - WATTLE POINT 132KV	TRIPPED DUE TO	ENVIRONMENTAL / STORM / WIND	12/07/2016	11:20:00	12/07/2016	13:16:00	1.93	MBR-HAHN PUMPS) DALRYMPLE - WATTLE POINT 132KV LINE		N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO STORM
INE	STORM											
RDROSSAN WEST - DALRYMPLE 32 KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	12/07/2016	14:08:00	12/07/2016	14:08:00	0.00	ARDROSSAN WEST - DALRYMPLE 132 KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
ORT LINCOLN TERMINAL - LEAFORD 132KV LINE	TRIPPED DUE TO LIGHTNING	ENVIRONMENTAL / LIGHTNING	22/07/2016	08:42:00	22/07/2016	11:09:00	2.45	PORT LINCOLN TERMINAL - SLEAFORD 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO STORM
RDROSSAN WEST - DALRYMPLE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	22/07/2016	19:53:00	22/07/2016	19:53:00	0.00	ARDROSSAN WEST - DALRYMPLE 132 KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
32 KV LINE IUMMOCKS - WATERLOO 132 KV INE	INADVERTANT TRIP CAUSED BY IN SERVICE PROTECTION	PLANT FAILURE/SECONDARY SYSTEMS	25/07/2016	11:53:00	25/07/2016	12:23:00	0.50	LINE HUMMOCKS - WATERLOO 132 KV LINE	N/A	N/A	1.4 CIRCUIT OPENING FOR OPERATIONAL PURPOSES	INADVERTANT TRIP CAUSED BY IN SEF PROTECTION MAINTENANCE. LINE REM ENERGISED.
ALRYMPLE - WATTLE POINT 132KV INE	MAINTENANCE TRIPPED DUE TO WATTLE POINT	3RD PARTY	25/07/2016	11:53:00	25/07/2016	13:26:00	1.55	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO WATTLE POINT TRIPPING
ELICAN POINT - PELICAN POINT	TRIPPING SCHEME TO DE-ENERGISE GT12	CUSTOMER REQUEST	26/07/2016	14:40:00	2/11/2016	05:31:00	2366.85	PELICAN POINT - PELICAN POINT GT12	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR GDF SUEZ TO DE-ENERGI
IT12 275 KV LINE IT GAMBIER -SOUTH EAST 132KV INE	TO INCORRECT	E DESIGN/CONSTRUCTION	28/07/2016	12:23:00	28/07/2016	13:47:00	1.40	275 KV LINE MT GAMBIER -SOUTH EAST 132KV LINE	N/A	N/A	1.4 CIRCUIT OPENINING FOR OPERATIONAL PURPOSES	INADVERTANT TRIP DUE TO INCORRECT IS
LYTH WEST - BUNGAMA 275KV LINE	SNOWTOWN SOUTH WE	CUSTOMER REQUEST	11/08/2016	10:34:00	11/08/2016	15:06:00	4.53	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR TRUSTPOWER FOR SNOT SOUTH WF TESTING
AVENPORT - LEIGH CREEK 132KV INE	TESTING OUTAGE < 1 MINUTE	PLANT FAILURE/OVERHEAD LINE/UNDERGROUND CABLES	11/08/2016	22:34:00	11/08/2016	22:34:00	0.00	DAVENPORT - LEIGH CREEK 132KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
INE IURRAYLINK REDCLIFFS C/S - IURRAYLINK BERRI C/S 150KV LINE	OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	15/08/2016	04:30:00	26/08/2016	11:31:00	271.02	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CON
IONASH - MURRAYLINK BERRI	OUTAGE FOR	CUSTOMER REQUEST	15/08/2016	05:36:00	26/08/2016	11:03:00	269.45	MONASH - MURRAYLINK BERRI 132KV	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR APA CONTRACTO
32KV LINE 10NASH - MURRAYLINK BERRI C/S	MAINTENANCE OUTAGE FOR	TRANSFORMER MAINTAINANCE	18/08/2016	07:51:00	19/08/2016	11:40:00	27.82	LINE MONASH - MURRAYLINK BERRI C/S 132KV	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRANSFORMER MAINTAINANCE
32KV LINE RDROSSAN WEST - DALRYMPLE	MAINTENANCE OUTAGE < 1 MINUTE	ENVIRONMENTAL / POLLUTION	24/08/2016	08:30:00	24/08/2016	08:30:00	0.00	LINE ARDROSSAN WEST - DALRYMPLE 132 KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
32 KV LINE IPS B - CITY WEST 275 KV CABLE	ISOLATION FOR T2T PRO	PROJECT WORK	24/08/2016	19:17:00	2/11/2016	12:33:00	1673.27	LINE TIPS B - CITY WEST 275 KV CABLE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR T2T PROJECT
VATERLOO EAST - WATERLOO	MAINTENANCE	NATIONAL GRID METERING	30/08/2016	07:56:00	30/08/2016	14:27:00	6.52	WATERLOO EAST - WATERLOO	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	NATIONAL GRID METERING MAINTENA
UNDFARM 132KV LINE IUMMOCKS - WATERLOO 132 KV	OUTAGE < 1 MINUTE	MAINTENANCE ENVIRONMENTAL / LIGHTNING	30/08/2016	17:05:00	30/08/2016	17:05:00	0.00	WINDFARM 132KV LINE HUMMOCKS - WATERLOO 132 KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
INE ILYTH WEST - BUNGAMA 275KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	30/08/2016	17:18:00	30/08/2016	17:18:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	30/08/2016	17:29:00	30/08/2016	17:29:00	0.00	WATERLOO - TEMPLERS132KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
AVENPORT - WHYALLA 1 132KV	MAINTENANCE	CUSTOMER REQUEST	6/09/2016	08:16:00	6/09/2016	14:55:00	6.65	DAVENPORT - WHYALLA 1 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ALINTA ENERGY

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	DAVENPORT - WHYALLA 2 132KV	MAINTENANCE	CUSTOMER REQUEST	6/09/2016	08:30:00	6/09/2016	15:05:00	6.58	DAVENPORT - WHYALLA 2 132KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ALINTA ENERGY
_	LINE PORT LINCOLN TERMINAL -	MAINTENANCE	TO RESTORE SUPPY TO PORT	8/09/2016	15:26:00	8/09/2016	16:25:00	0.98	PORT LINCOLN TERMINAL - SLEAFORD	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TO RESTORE SUPPY TO PORT LINCOLN & SLEAFORD
	SLEAFORD 132KV LINE		LINCOLN & SLEAFORD						132KV LINE	11/1			
	ARDROSSAN WEST - DALRYMPLE 132 KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	8/09/2016	15:59:00	8/09/2016	15:59:00	0.00	ARDROSSAN WEST - DALRYMPLE 132 KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	WATERLOO EAST - WATERLOO WINDFARM 132KV LINE	TRIPPED DUE TO 33kV FAULT AT WINDFARM	3RD PARTY	15/09/2016	01:54:00	15/09/2016	04:17:00	2.38	WATERLOO EAST - WATERLOO WINDFARM 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO 33kV FAULT AT WINDFARM
	DALRYMPLE - WATTLE POINT 132KV	CONSTRUCTION	PROJECT WORK	22/09/2016	10:45:00	30/09/2016	15:38:00	196.88	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
_	LINE HUMMOCKS - SNOWTOWN -	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	28/09/2016	10:01:00	28/09/2016	10:01:00	0.00	HUMMOCKS - SNOWTOWN -	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
_	BUNGAMA 132KV LINE BLYTH WEST - BUNGAMA 275KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	28/09/2016	10:05:00	28/09/2016	10:05:00	0.00	BUNGAMA132KV LINE BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	LINE BLYTH WEST - BUNGAMA 275KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	28/09/2016	10:09:00	28/09/2016	10:09:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	LINE BLYTH WEST - BUNGAMA 275KV	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	28/09/2016	10:23:00	28/09/2016	10:23:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	LINE												
	HUMMOCKS - SNOWTOWN - BUNGAMA132KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	28/09/2016	10:58:00	28/09/2016	10:58:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	DAVENPORT - WHYALLA 1 132KV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	13:58:00	18/12/2016	16:53:00	1946.92	DAVENPORT - WHYALLA 1 132KV LINE	N/A	-0.197543%	1.6 FORCE MAJUERE	IMPACTED DUE TO STORM PRIOR SYSTEM BLACK
	HUMMOCKS - SNOWTOWN -	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	28/09/2016	15:19:00	28/09/2016	15:19:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	BUNGAMA132KV LINE TEMPLERS WEST - BRINKWORTH	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:47:00	10/10/2016	18:20:00	290.55	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.029481%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	275 KV LINE PARA - ROBERTSTOWN 275KV LINE		SYSTEM BLACK	28/09/2016	15:47:00	28/09/2016	22:40:00	6.88	PARA - ROBERTSTOWN 275KV LINE	N/A	-0.000698%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	MOUNT LOCK - DAVENPORT 275kV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	12/10/2016	19:35:00	339.78	MOUNT LOCK - DAVENPORT 275kV LINE	N/A	-0.034476%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	HERVER HERVE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	16:52:00	1.07	HEYWOOD - SOUTH EAST 275KV LINE 2	N/A	-0.000108%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	LINE 2 HEYWOOD - SOUTH EAST 275KV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	18:12:00	2.40	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A	-0.000244%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
Total	LINE 1 PARA - MUNNO PARA 275 KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	10:52:00	19.07	PARA - MUNNO PARA 275 KV LINE	N/A	-0.001935%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
transmission	BELALIE - DAVENPORT 275KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	10/10/2016	14:09:00	286.35	BELALIE - DAVENPORT 275KV LINE	N/A	-0.029054%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
circuit availability	YADNARIE - PORT LINCOLN TERMINAL 132 KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	30/09/2016	20:24:00	52.60	YADNARIE - PORT LINCOLN TERMINAL 132 KV LINE	N/A	-0.005337%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	BLANCHE - SNUGGERY 132 KV LINE TAILEM BEND - KEITH 132 KV LINE 2		NOT SPECIFIED NOT SPECIFIED	28/09/2016 28/09/2016	15:48:00 15:48:00	28/09/2016 28/09/2016	20:17:00 20:50:00	4.48 5.03	BLANCHE - SNUGGERY 132 KV LINE TAILEM BEND - KEITH 132 KV LINE 2	N/A N/A	-0.000455% -0.000511%	1.6 FORCE MAJUERE 1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT IMPACTED DURING SYSTEM BLACK EVENT
_	KEITH - KINCRAIG 132KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	20:50:00	5.03	KEITH - KINCRAIG 132KV LINE	N/A N/A	-0.000511%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
-	PARA - ROSEWORTHY 132KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	21:13:00	5.42	PARA - ROSEWORTHY 132KV LINE	N/A	-0.000550%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
-	DORRIEN - TEMPLERS 132 KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	21:17:00	5.48	DORRIEN - TEMPLERS 132 KV LINE	N/A	-0.000556%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	WATERLOO - TEMPLERS 132 KV LINE		NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	23:12:00	7.40	WATERLOO - TEMPLERS 132 KV LINE	N/A	-0.000751%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
-	TUNGKILLO - ROBERTSTOWN 275KV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	23:22:00	7.57	TUNGKILLO - ROBERTSTOWN 275KV LINE	N/A	-0.000768%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	WATERLOO EAST - MORGAN	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	23:27:00	7.65	WATERLOO EAST - MORGAN WHYALLA	N/A	-0.000776%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	WHYALLA PS4 132 KV LINE ROBERTSTOWN - MORGAN	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	23:27:00	7.65	PS4 132 KV LINE ROBERTSTOWN - MORGAN WHYALLA	N/A	-0.000776%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	WHYALLA PS4 132 KV LINE MUNNO PARA - BLYTH WEST 275KV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	10:55:00	19.12	PS4 132 KV LINE MUNNO PARA - BLYTH WEST 275KV LINE	N/A	-0.001940%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	LINE DAVENPORT - BUNGAMA 275KV LINE	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	11:45:00	19.95	DAVENPORT - BUNGAMA 275KV LINE	N/A	-0.002024%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	CLARE NORTH - MINTARO 132KV	FORCE MAJUERE	NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	12:59:00	21.18	CLARE NORTH - MINTARO 132KV LINE	N/A	-0.002149%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	LINE BRINKWORTH - DAVENPORT 275 KV	FORCE MAJUERE	SYSTEM BLACK	28/09/2016	17:56:00	18/12/2016	14:08:00	1940.20	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.196862%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
_	LINE MURRAYLINK REDCLIFFS C/S -	MAINTENANCE	CUSTOMER REQUEST	29/09/2016	00:23:00	29/09/2016	01:30:00	1.12	MURRAYLINK REDCLIFFS C/S -	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY RESTORATION FOR APA
	MURRAYLINK BERRI C/S 150KV LINE								MURRAYLINK BERRI C/S 150KV LINE				
_	MONASH - BERRI 66KV LINE BUNGAMA - REDHILL - BRINKWORTH	FORCE MAJUERE	SYSTEM BLACK CONTINGENCY SWITCHING	29/09/2016 29/09/2016	01:20:00	29/09/2016 10/10/2016	01:35:00	0.25	MONASH - BERRI 66KV LINE BUNGAMA - REDHILL - BRINKWORTH	N/A N/A	-0.000025%	1.6 FORCE MAJUERE 1.2 3RD PARTY OUTAGES	IMPACTED DURING SYSTEM BLACK EVENT AEMO DIRECTION -CONTINGENCY SWITCHING
_	132KV LINE HUMMOCKS - SNOWTOWN -	MAINTENANCE	CONTINGENCY SWITCHING	29/09/2016	16:15:00	10/10/2016	15:18:00	263.05	132KV LINE HUMMOCKS - SNOWTOWN -	N/A	N/A	1.2 3RD PARTY OUTAGES	AEMO DIRECTION -CONTINGENCY SWITCHING
_	BUNGAMA132KV LINE DAVENPORT - CULTANA 2 275KV	MAINTENANCE	VOI TAGE CONTROL	29/09/2016	19:58:00	5/10/2016	10:35:00	134.62	BUNGAMA132KV LINE DAVENPORT - CULTANA 2 275KV LINE	N/A	N/A	1.3 OUTAGES TO CONTROL VOLTAGES	AFMO DIRECTION - VOI TAGE CONTROL
	LINE WHYALLA CENTRAL - WHYALLA	FORCE MAJUERE	SYSTEM BLACK						WHYALLA CENTRAL - WHYALLA		-0.000002%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
	TERMINAL 132 KV LINE			29/09/2016	23:10:00	29/09/2016	23:11:00	0.02	TERMINAL 132 KV LINE	N/A			
	REDHILL - CLEMENTS GAP WF 132KV LINE	/ INADVERTANT TRIP BY WINDFARM	3RD PARTY	30/09/2016	13:13:00	30/09/2016	18:02:00	4.82	REDHILL - CLEMENTS GAP WF 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INADVERTANT TRIP SENT BY WINDFARM
	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	8/10/2016	08:35:00	8/10/2016	11:48:00	3.22	MURRAYLINK REDCLIFFS C/S - MURRAYLINK BERRI C/S 150KV LINE	N/A	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONTRACTOR
	DALRYMPLE - WATTLE POINT 132KV	CONSTRUCTION	PROJECT WORK	21/10/2016	08:18:00	21/10/2016	16:50:00	8.53	DALRYMPLE - WATTLE POINT 132KV LINE	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
	PORT LINCOLN TERMINAL -	MAINTENANCE	TRANSFORMER MAINTAINANCE	24/10/2016	08:00:00	28/10/2016	13:45:00	101.75	PORT LINCOLN TERMINAL - SLEAFORD	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRANSFORMER MAINTAINANCE
	SLEAFORD 132KV LINE NEW OSBORNE - TIPS A 66 KV LINE 3	MAINTENANCE	CUSTOMER REQUEST	29/10/2016	08:38:00	29/10/2016	13:35:00	4.95	132KV LINE NEW OSBORNE - TIPS A 66 KV LINE 3	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN FOR BLACK START TEST
_	NEW OSBORNE - TIPS A 66 KV LINE 4	MAINTENANCE	CUSTOMER REQUEST	29/10/2016	08:38:00	29/10/2016	13:35:00	4.95	NEW OSBORNE - TIPS A 66 KV LINE 4	N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN FOR BLACK START TEST
-	BUNGAMA - BAROOTA 132KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / POLLUTION	3/11/2016	06:03:00	3/11/2016	06:03:00	0.00	BUNGAMA - BAROOTA 132KV LINE	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	PORT LINCOLN TERMINAL -	CONSTRUCTION	PROJECT WORK	9/11/2016	17:04:00	9/11/2016	17:06:00	0.03	PORT LINCOLN TERMINAL - SLEAFORD	N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
-	SLEAFORD 132KV LINE ARDROSSAN WEST - DALRYMPLE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/11/2016	15:57:00	11/11/2016	15:57:00	0.00	ARDROSSAN WEST - DALRYMPLE 132 KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132 KV LINE ARDROSSAN WEST - DALRYMPLE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	16:16:00	11/11/2016	16:16:00	0.00	LINE ARDROSSAN WEST - DALRYMPLE 132 KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132 KV LINE HUMMOCKS - SNOWTOWN -	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	11/11/2016	17:12:00	11/11/2016	17:12:00	0.00	LINE HUMMOCKS - SNOWTOWN - BUNGAMA	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	BUNGAMA 132KV LINE MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	17:29:00	11/11/2016	17:29:00	0.00	132KV LINE MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132KV LINE2 MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	17:56:00	11/11/2016	17:56:00	0.00	LINE2 MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132KV LINE2 MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	18:06:00	11/11/2016	18:06:00	0.00	LINE2 MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132KV LINE2 MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	18:21:00	11/11/2016	18:21:00	0.00	LINE2 MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
-	132KV LINE1 MONASH - NORTH WEST BEND	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	18:23:00	11/11/2016	18:23:00	0.00	LINE2 MONASH - NORTH WEST BEND 132KV	N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	132KV LINE2								LINE2				

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	OUTAGE < 1 MINUTE	ENVIRONMENTAL / LIGHTNING	11/11/2016	19:04:00	11/11/2016	19:04:00	0.00	MONASH - NORTH WEST BEND 132KV N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
32KV LINE1 MONASH - MURRAYLINK BERRI	RUNBACK SEVER TRIP	PLANT FAILURE/OVERHEAD	11/11/2016	19:04:00	16/11/2016	21:57:00	122.88	LINE2 MONASH - MURRAYLINK BERRI C/S 132KV N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	RUNBACK SEVER TRIP
32KV LINE ADBROKE GROVE - PENOLA WEST	CONSTRUCTION	LINE/UNDERGROUND CABLES	14/11/2016	07:39:00	16/11/2016	13:31:00	53.87	LINE LADBROKE GROVE - PENOLA WEST 132 N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
32 KV LINE								KV LINE			
DALRYMPLE - WATTLE POINT 132KV	CONSTRUCTION	PROJECT WORK	15/11/2016	07:12:00	15/11/2016	17:40:00	10.47	DALRYMPLE - WATTLE POINT 132KV LINE N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	PROJECT WORK
ALRYMPLE - WATTLE POINT 132KV	TRIPPED DURING PROJECT	DESIGN/CONSTRUCTION	15/11/2016	18:10:00	15/11/2016	18:22:00	0.20	DALRYMPLE - WATTLE POINT 132KV LINE N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DURING PROJECT RESTORATION
	RESTORATION OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	16/11/2016	20:45:00	16/11/2016	21:57:00	1.20	MURRAYLINK REDCLIFFS C/S - N/A MURRAYLINK BERRI C/S 150KV LINE	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONTRA
	OUTAGE FOR MAINTENANCE	CUSTOMER REQUEST	17/11/2016	21:26:00	17/11/2016	22:32:00	1.10	MURRAYLINK REDCLIFFS C/S - N/A MURRAYLINK BERRI C/S 150KV LINE	N/A	1.2 3RD PARTY OUTAGES	SUPERVISORY SHUTDOWN FOR APA CONTRA
IONASH-MURRAYLINK BERRI 132KV INE	RUNBACK SEVER TRIP	PLANT FAILURE/COMMUNICATIONS/CONTR OL	20/11/2016	04:29:00	20/11/2016	10:26:00	5.95	MONASH-MURRAYLINK BERRI 132KV LINE N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	RUNBACK SEVER TRIP
ORRENS ISLAND NORTH - QPS GT3 - 666V LINE	MAINTENANCE	CUSTOMER REQUEST	20/11/2016	10:23:00	26/11/2016	13:32:00	147.15	TORRENS ISLAND NORTH - QPS GT3 - 4 N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN
	MAINTENANCE	CUSTOMER REQUEST	23/11/2016	08:28:00	23/11/2016	16:23:00	7.92	LEFEVRE - NEW OSBORNE 2 66KV LINE N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR SAPN
INE IEW OSBORNE - TIPS A 66 KV LINE 3	MAINTENANCE	CUSTOMER REQUEST	26/11/2016	08:08:00	26/11/2016	09:33:00	1.42	NEW OSBORNE - TIPS A 66 KV LINE 3 N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN FOR BLACK START
EW OSBORNE - TIPS A 66 KV LINE 4	MAINTENANCE	CUSTOMER REQUEST	26/11/2016	08:08:00	26/11/2016	09:33:00	1.42	NEW OSBORNE - TIPS A 66 KV LINE 4 N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR ORIGIN FOR BLACK START
IOUNT LOCK - HORNSDALE WIND	MAINTENANCE	CUSTOMER REQUEST	30/11/2016	08:26:00	1/12/2016	16:27:00	32.02	MOUNT LOCK - HORNSDALE WIND FARM N/A	N/A	1.2 3RD PARTY OUTAGES	ISOLATION FOR NEOEN ENERGY
ARM 1 275kV LINE								1 275kV LINE			
ADNARIE - MT MILLAR 132 KV LINE	TRIPPED DUE TO FAULTY CT AT MT MILLAR	PLANT FAILURE/SUB PRIMARY PLANT	1/12/2016	08:23:00	8/12/2016	18:10:00	177.78	YADNARIE - MT MILLAR 132 KV LINE N/A		1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO FAULTY CT AT MT MILLA
32 KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	7/12/2016	21:06:00	7/12/2016	21:06:00	0.00	ARDROSSAN WEST - DALRYMPLE 132 KV N/A LINE	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
INE	WATTLE POINT	3RD PARTY	8/12/2016	02:11:00	8/12/2016	08:09:00	5.97	DALRYMPLE - WATTLE POINT 132KV LINE N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	INADVERTANT TRIP BY WATTLE POINT WIND
ULTANA - YADNARIE - MIDDLEBACK 32KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	23/12/2016	15:44:00	23/12/2016	15:44:00	0.00	CULTANA - YADNARIE - MIDDLEBACK N/A 132KV LINE	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
ORT LINCOLN TERMINAL - ELEAFORD 132KV LINE	TRIPPED DUE TO STORM	ENVIRONMENTAL / STORM / WIND	23/12/2016	15:44:00	23/12/2016	15:48:00	0.07	PORT LINCOLN TERMINAL - SLEAFORD N/A 132KV LINE	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO STORM
SLEAFORD - CATHEDRAL ROCKS	TRIPPED DUE TO	ENVIRONMENTAL / STORM / WIND	23/12/2016	15:44:00	23/12/2016	17:10:00	1.43	SLEAFORD - CATHEDRAL ROCKS 33KV N/A	N/A	1.1 UNREGULATED TRANSMISSION ASSETS	TRIPPED DUE TO STORM
ISKV LINE BLYTH WEST - BUNGAMA 275KV LINE	STORM OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	23/12/2016	16:28:00	23/12/2016	16:28:00	0.00	LINE BLYTH WEST - BUNGAMA 275KV LINE N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
BLYTH WEST - BUNGAMA 275KV LINE	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	23/12/2016	16:30:00	23/12/2016	16:30:00	0.00	BLYTH WEST - BUNGAMA 275KV LINE N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
	OUTAGE < 1 MINUTE	ENVIRONMENTAL / STORM / WIND	23/12/2016	17:23:00		17:23:00		ROBERTSTOWN - NORTH WEST BEND N/A	N/A	TRANSIENT INTERUPTIONS LESS THAN ONE (1) MINUTE	SUCCESSFUL RECLOSE
					23/12/2016		0.00				
	OUTAGE < TMINUTE		23/12/2010	17:23:00	23/12/2016	17:23:00	0.00	132KV LINE 1		TRANSIENT INTEROFTIONS LESS THAN ONE (1) MINUTE	
SEND 132KV LINE 1			23/12/2010	17:23:00	23/12/2016	17:23:00	0.00				
SEND 132KV LINE 1	evlopment projects							132KV LINE 1			
SEND 132KV LINE 1 Single transmission line/substation rede FEMPLERS WEST - BRINKWORTH 275	evlopment projects CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal	13/01/2016	8:18:00	24/01/2016	16:11:00	271.88	132KV LINE 1	N/A 0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
SEND 132KV LINE 1 Single transmission line/substation red TEMPLERS WEST - BRINKWORTH 275 FEMPLERS WEST - BRINKWORTH 275 SRINKWORTH - DAVENPORT 275 KV L	evlopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga	13/01/2016 22/03/2016 16/04/2016	8:18:00 7:15:00 8:05:00	24/01/2016 22/03/2016 19/04/2016	16:11:00 16:40:00 15:45:00	271.88 9.42 79.67	132KV LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE	N/A 0.000000% N/A 0.000000% N/A -0.002533%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
IEND 132KV LINE 1 Ingle transmission line/substation red TEMPLERS WEST - BRINKWORTH 275 TEMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L TEMPLERS WEST - BRINKWORTH 275	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigat Para-Brinkworth-Davenport Hazard Mitigat Para-Brinkworth-Davenport Hazard Mitigat Para-Brinkworth-Davenport Hazard Mitigat	13/01/2016 22/03/2016 16/04/2016 30/05/2016	8:18:00 7:15:00 8:05:00 9:26:00	24/01/2016 22/03/2016 19/04/2016 5/06/2016	16:11:00 16:40:00 15:45:00 11:41:00	271.88 9.42 79.67 146.25	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV	N/A 0.000000% N/A 0.000000% N/A -0.002533% N/A -0.014839%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 5. CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BRUNESK WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L	evlopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga	13/01/2016 22/03/2016 16/04/2016 30/05/2016 26/07/2016 6/09/2016	8:18:00 7:15:00 8:05:00 9:26:00 7:38:00 7:31:00	24/01/2016 22/03/2016 19/04/2016 5/06/2016 3/08/2016 14/09/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:08:00 12:34:00	271.88 9.42 79.67 146.25 199.50 197.05	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV I INE TEMPLERS WEST - BRINKWORTH 275 KV I INE BRINKWORTH - DAVENPORT 275 KV I INE BRINKWORTH - DAVENPORT 275 KV I INE	N/A 0.000000% N/A 0.000000% N/A 0.00000% N/A 0.0102533% N/A -0.012533% N/A -0.012534% N/A -0.012542% N/A -0.0119944% N/A -0.0119947%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 Single transmission line/substation red EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Daverport Hazard Mitigal Para-Brinkworth-Daverport Hazard Mitigal Para-Brinkworth-Daverport Hazard Mitigal Para-Brinkworth-Daverport Hazard Mitigal Para-Brinkworth-Daverport Hazard Mitigal Para-Brinkworth-Daverport Hazard Mitigal	13/01/2016 22/03/2016 16/04/2016 30/05/2016 26/07/2016 6/09/2016 16/11/2016	8:18:00 7:15:00 8:05:00 9:26:00 7:38:00 7:38:00 7:31:00 7:28:00	24/01/2016 22/03/2016 19/04/2016 5/06/2016 3/08/2016 14/09/2016 23/11/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:08:00 12:34:00 13:13:00	271.88 9.42 79.67 146.25 199.50 197.05 173.75	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE	N/A 0.000000% N/A 0.000000% N/A 0.00253% N/A -0.01483% N/A -0.01483% N/A -0.01994% N/A -0.01762% N/A -0.01762%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 Single transmission line/substation red EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga Para-Brinkworth-Davenport Hazard Mitiga	13/01/2016 22/03/2016 16/04/2016 30/05/2016 26/07/2016 6/09/2016 16/11/2016	8:18:00 7:15:00 8:05:00 9:26:00 7:38:00 7:31:00	24/01/2016 22/03/2016 19/04/2016 5/06/2016 3/08/2016 14/09/2016 23/11/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:08:00 12:34:00	271.88 9.42 79.67 146.25 199.50 197.05	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV I INE TEMPLERS WEST - BRINKWORTH 275 KV I INE BRINKWORTH - DAVENPORT 275 KV I INE BRINKWORTH - DAVENPORT 275 KV I INE	N/A 0.000000% N/A 0.000000% N/A 0.00000% N/A 0.0102533% N/A -0.012533% N/A -0.012534% N/A -0.012542% N/A -0.0119944% N/A -0.0119947%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L RINKWORTH - DAVENPORT 275 KV L MEMPLERS WEST - BRINKWORTH 275 'EMPLERS WEST - BRINKWORTH 275	evlopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal	13/01/2016 22/03/2016 16/04/2016 30/05/2016 6/09/2016 16/11/2016 13/12/2016	8:18:00 7:15:00 8:05:00 9:26:00 7:38:00 7:38:00 7:31:00 7:28:00	24/01/2016 22/03/2016 19/04/2016 5/06/2016 3/08/2016 14/09/2016 23/11/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:08:00 12:34:00 13:13:00	271.88 9.42 79.67 146.25 199.50 197.05 173.75	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE	N/A 0.000000% N/A 0.000000% N/A 0.00253% N/A -0.01483% N/A -0.01483% N/A -0.01994% N/A -0.01762% N/A -0.01762%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IORGAN WHYALLA PS3 - ROBERTST(ORGAN WHYALLA PS3 - ROBERTST(evlopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	13/01/2016 22/03/2016 30/05/2016 26/07/2016 6/09/2016 16/11/2016 13/12/2016 14/01/2016 15/01/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:28:00 7:53:00 8:12:00 8:02:00	24/01/2016 22/03/2016 5/06/2016 3/08/2016 14/09/2016 23/11/2016 21/12/2016 14/01/2016 15/01/2016	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:04:00	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.92 9.03	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV ILNE TEMPLERS WEST - BRINKWORTH 275 KV ILNE BRINKWORTH - DAVENPORT 275 KV ILNE TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A 0.00000% N/A 0.002000% N/A 0.012833% N/A -0.012623% N/A -0.0126242% N/A -0.0137629% N/A -0.0137629% N/A -0.0137629% N/A -0.0137629% N/A -0.0137629% N/A -0.0137629% N/A -0.00000% N/A 0.000000%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red tepLeRS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IEMPLERS WEST - BRINKWORTH 275 IMPLERS WEST - BRINKWORTH 275	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	13/01/2016 (22/03/2016 16/04/2016 30/05/2016 6/09/2016 16/11/2016 15/01/2016 15/01/2016 15/01/2016 16/02/2016	8:18:00 7:15:00 8:05:00 7:38:00 7:38:00 7:28:00 7:53:00 8:12:00 8:12:00 8:02:00 9:07:00	24/01/2016 22/03/2016 19/04/2016 3/06/2016 14/09/2016 23/11/2016 23/11/2016 14/01/2016 15/01/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:08:00 15:08:00 13:13:00 10:50:00 17:07:00 17:07:00 17:07:00 18:25:00	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.92 9.03 9.30	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A -0.017839% N/A -0.02342% N/A -0.017829% N/A -0.01994% N/A -0.01994% N/A -0.019781% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IORGAN WHYALLA PS3 - ROBERTST(ORGAN WHYALLA PS3 - ROBERTST(ORGAN WHYALLA PS3 - NOFITH WE ORGAN WHYALLA PS3 - NOFITH WE ORGAN WHYALLA PS1 - NORTH WE	eviopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	13/01/2016 (22/03/2016 16/04/2016 30/05/2016 28/07/2016 18/11/2016 13/12/2016 13/12/2016 15/01/2016 15/01/2016 16/02/2016 18/02/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:28:00 7:28:00 7:53:00 8:12:00 8:02:00 9:07:00 12:04:00 12:04:00	24/01/2016 22/03/2016 19/04/2016 3/08/2016 23/11/2016 23/11/2016 14/01/2016 15/01/2016 15/01/2016 18/02/2016	16:11:00 16:40:00 15:45:00 15:45:00 15:08:00 12:34:00 13:13:00 10:50:00 17:07:00 17:04:00 18:25:00 23:46:00 23:46:00	271.88 9.42 79.67 146.25 199.50 173.75 194.95 8.92 9.03 9.30 11.70	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV INE TEMPLERS WEST - BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NOBERTSTOWN MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - NORTH WEST B	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.01283% N/A 0.01283% N/A 0.01782% N/A 0.01792% N/A 0.01792% N/A 0.01994% N/A 0.00000%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TC CAPPED AGGREGRATE OUTAGE DURATION TC
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 INGRAN WHYALLA PS3 - ROBERTSTT KORGAN WHYALLA PS1 - NORTH WES INGRAN WHYALA PS1 - NORTH WES INGRAN WHYAL	evlopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigat Para-Brinkworth-Davenport Hazard Mitigat SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 2203/2016 3005/2016 6/09/2016 6/09/2016 13/1/2016 13/1/2016 14/01/2016 18/02/2016 18/02/2016 18/02/2016	8:18:00 7:15:00 9:26:00 7:38:0	24/01/2016 22/03/2016 5/06/2016 5/06/2016 3/08/2016 14/09/2016 21/1/2016 14/01/2016 15/01/2016 15/01/2016 18/02/2016 18/02/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:06:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:07:00 18:25:00 23:46:00 23:46:00	271.88 9.42 79.67 146.25 199.50 117.05 117.05 117.05 194.95 8.92 9.03 9.30 11.70 11.70	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV I BRINKWORTH - DAVENPORT 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS1 - MORTH WEST B	N/A 0.000000% N/A 0.00000% N/A 0.00233% N/A -0.01233% N/A -0.012439% N/A -0.012439% N/A -0.012632% N/A -0.017629% N/A -0.017629% N/A 0.00000% N/A 0.00000% N/A 0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPED AGGREGRATE OUTAGE DURATION TO CAPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
IEND 132KV LINE 1 Ingle transmission line/substation red TEMPLERS WEST - BRINKWORTH 275 IENDERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L IENDERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L IENDERS WEST - BRINKWORTH 275 INGRAN WHYALLA PS3 - ROBERTST ORGAN WHYALLA PS3 - ROBERTST ORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS2 - ROBERTST IORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORGAN WI IORGAN WH	evlopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Dawenport Hazard Mitigat Para-Brinkworth-Dawenport Hazard Mitigat SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	13/01/2016 12/03/2016 12/03/2016 22/03/2016 22/07/2016 22/07/2016 12/01/2016 13/12/2016 13/01/2016 13/02/2016 18/02/2016 18/02/2016 18/02/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:38:00 7:28:00 7:28:00 7:53:00 8:12:00 8:07:00 9:07:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 7:48:00	24/01/2016 22/03/2016 22/03/2016 3/08/2016 3/08/2016 3/08/2016 14/02/2016 14/01/2016 15/01/2016 15/01/2016 18/02/2016 18/02/2016 18/02/2016	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:04:00 18:25:00 23:46:00 23:46:00 23:46:00 23:46:00 23:300	271.88 9.42 79.67 79.67 199.50 199.50 199.50 199.50 199.50 199.50 194.95 8.92 9.03 9.30 9.30 9.30 9.30 11.70 11.70 11.70	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORCHT WEST B MORGAN WHYALLA PS3 - NORCHT WEST B MORGAN WHYALLA PS3 - NORCHT WHTA MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A -0.01233% N/A -0.01433% N/A -0.01433% N/A -0.017629% N/A -0.01752% N/A -0.01752% N/A 0.00000% N/A 0.00000% N/A 0.000000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BRUELERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BRUELERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IORGAN WHYALLA PS3 - NORERYSTI ORGAN WHYALLA PS3 - NORERYSTI ORGAN WHYALLA PS3 - NORERYSTI ORGAN WHYALLA PS3 - NORERYSTI ORGAN WHYALLA PS3 - NORGAN W ORGAN WHYALLA PS3 - MORGAN W ORGAN WHYALLA PS3 - NORGAN W	eviopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 2203/2016 2203/2016 2807/2016 2807/2016 2807/2016 1611/2016 1611/2016 1602/2016 1802/2016 1802/2016 1802/2016 1802/2016 1802/2016	8:18:00 7:15:00 8:05:00 7:38:00 7:38:00 7:53:00 7:53:00 7:53:00 7:53:00 7:53:00 7:28:00 7:48:00 7:48:00 7:48:00 7:48:00	24/01/2016 22/03/2016 19/04/2016 50/6/2016 30/8/2016 21/1/2016 21/1/2016 14/01/2016 16/07/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:23:400 11:31:300 10:50:00 11:70:00 11:70:00 11:70:00 11:70:00 11:70:00 11:23:46:00 23:46:00 23:46:00 23:46:00 23:300	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.92 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV MORGAN WHYALLA PS1 - BRINKWORTH 275 KV MORGAN WHYALLA PS1 - NORTH WEST B MORGAN WHYALLA PS1 - NORCAN WHYA MORGAN WHYALLA PS1 - MORGAN WHYA MORGAN WHYALA PS1 - MORGAN WHYA	N/A 0.00000% N/A 0.00000% N/A 0.002533% N/A 0.017629% N/A -0.017829% N/A -0.017829% N/A -0.017829% N/A -0.017829% N/A -0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 ingle transmission line/substation read EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IORGAN WHYALLA PS3 - ROBERTST(ORGAN WHYALLA PS1 - MORGAN W IORGAN WHYALLA PS1 - MORGAN W IORGAN WHYALLA PS3 - NOBERTST(ORGAN WHYALLA PS3 - ROBERTST(ORGAN WHYALLA PS3 - NOBERTST(ORGAN WHYALLA PS3 - NORGAN W IORGAN WHYALLA PS3 - NORGAN W	evlopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 2203/2016 1804/2016 2807/2016 1901/2016 1901/2016 1901/2016 1901/2016 1902/2016 1902/2016 1902/2016 1902/2016 1902/2016 1902/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:38:00 7:28:00 7:28:00 7:53:00 8:12:00 8:07:00 9:07:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 7:48:00	24/01/2016 22/03/2016 13/04/2016 5/06/2016 23/11/2016 23/11/2016 13/01/2016 13/01/2016 13/01/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:04:00 18:25:00 23:46:00 23:46:00 23:46:00 23:46:00 23:300	271.88 9.42 79.67 79.67 199.50 199.50 199.50 199.50 199.50 199.50 194.95 8.92 9.03 9.30 9.30 9.30 11.70 11.70 11.70 11.70	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORGAN WHYA MORGAN WHYALA PS3 - NORGAN WHYA MORGAN WHYALA PS3 - NORGAN WHYA MORGAN WHYALA PS3 - NORGAN WHYA	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A -0.01233% N/A -0.01433% N/A -0.01433% N/A -0.017629% N/A -0.01752% N/A -0.01752% N/A 0.00000% N/A 0.00000% N/A 0.000000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BWPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 INGGAN WHYALLA PS3 - ROBERTSTG INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALLA PS3 - NORENTSTI INGGAN WHYALLA PS3 - NORENTSTI INGGAN WHYALLA PS3 - NORENTSTI INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALLA PS3 - ROBERTSTI INGGAN WHYALLA PS3 - NORENTSTI INGGAN WH	evlopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 22/03/2016 22/03/2016 28/07/2016 28/07/2016 28/07/2016 16/11/2016 13/11/2016 13/11/2016 13/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016	8.18:00 7:15:00 8:05:00 7:28:00 7:28:00 7:28:00 7:28:00 7:28:00 8:02:00 8:02:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 7:48:00 7:49:00 7:49:00 7:49:00 7:40 7:40 7:40 7:40 7:40	24/01/2016 22/03/2016 19/04/2016 5:06/2016 23/11/2016 23/11/2016 13/01/2016 13/01/2016 13/01/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016 13/02/2016	16:11:00 16:40:00 15:45:00 11:41:00 13:13:00 12:34:00 13:13:00 10:50:00 17:07:00 17:04:00 13:23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:300 20:33:00 20:33:00 19:22:00	271.88 9.42 9.67 146.25 199.06 197.05 173.75 194.95 8.92 9.30 9.30 9.30 11.70 11.70 11.70 11.70 11.70 11.75 12.75 12.75 12.82 35.65	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - MORGAN WHYA	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.00233% N/A 0.00234% N/A 0.017829% N/A -0.017829% N/A -0.017829% N/A -0.017829% N/A -0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.000000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 Ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L BRINKWORTH - DAVENPORT 275 KV L BRINKWORTH - DAVENPORT 275 KV L INRIKWORTH	evlopment projects CAPITAL PROJECT CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 1301/2016 1604/2016 2607/2016 2607/2016 2607/2016 1601/2016 1601/2016 1601/2016 1601/2016 1602/2016 1802/2016 1802/2016 1603/2016 1603/2016 1603/2016 1603/2016 1603/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:38:00 7:38:00 7:38:00 7:38:00 8:02:00 8:02:00 8:02:00 8:02:00 12:04:00 12:04:00 12:04:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 8:07:00 7:48:00 7:40 7:40 7:40 7:40 7:40 7:40 7:40 7	24/01/2016 22/03/2016 19/04/2016 30/8/2016 23/11/2016 21/12/2016 15/01/2016 16/02/2016 18/02/2016 18/02/2016 18/02/2016 18/03/2016 16/03/2016 16/03/2016 17/03/2016	16:11:00 16:40:00 15:45:00 11:41:00 15:06:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:07:00 18:25:00 23:46:00 23:46:00 23:46:00 23:34:00 20:33:00 20:33:00 20:33:00 20:33:00 20:37:00 19:27:00 19:28:00	271.88 9.42 79.67 146.25 199.50 197.05 173.75 173.75 173.75 173.75 134.95 8.92 9.03 9.03 9.03 9.03 9.03 9.03 9.03 9.03	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV I TEMPLERS WEST - BRINKWORTH 275 KV I BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE BRINKWORTH - DAVENPORT 275 KV LINE TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - NORCAN WHYA MORGAN WHYALA PS3 - MORCAN WHYA MORGAN WHYA	N/A 0.000000% N/A 0.00000% N/A -0.012533% N/A -0.012633% N/A -0.01433% N/A -0.01433% N/A -0.01433% N/A -0.017781% N/A -0.019781% N/A 0.00000%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO CAPED AGGREGRATE OUTAGE DURATION TO CAPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREG
END 132KV LINE 1 Ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 UNGGAN WHYALLA PS3 - NOBERTST(ONGGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORGAN W INGGAN WHYALLA PS1 - NORTH WES INGGAN WHYALA PS1 - NORTH WES	evlopment projects CAPITAL PROJECT	Para-Brinkworth-Dawenport Hazard Mitigat Para-Brinkworth-Dawenport Hazard Mitigat SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	13/01/2016 13/01/2016 16/04/2016 28/07/2016 28/07/2016 28/07/2016 16/11/2016 14/01/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 18/02/2016 16/03/2016 16/03/2016 16/03/2016 17/03/2016 17/03/2016 17/03/2016	8:18:00 7:15:00 8:05:00 7:38:00 7:38:00 7:28:00 7:53:00 8:12:00 8:12:00 12:04:00 12:04:00 12:04:00 7:48:00 7:49:00 7:49:00 7:49:00 7:49:00 7:40 7:40 7:40 7:40 7:40 7:40 7:400	24/01/2016 22/03/2016 13/04/2016 5/06/2016 14/09/2016 23/11/2016 13/01/2016 13/01/2016 13/01/2016 13/02/2016 13/02/2016 13/03/2016 17/03/2016 17/03/2016 17/03/2016 17/03/2016 23/03/2016	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:07:00 18:25:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:30:00 20:33:00 20:33:00 19:22:00 19:22:00 19:22:00 19:25:00 19:25:00 19:55:	271.88 9.42 79.67 146.25 199.50 197.06 173.75 194.95 8.92 9.03 9.30 9.30 9.30 9.30 9.30 9.30 11.70 11.70 11.70 11.70 11.70 12.75 12.82 23.665 11.35 11.35 11.35 9.7	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV ERNKWORTH - DAVENPORT 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORGAN WHYA MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALA PS3	NA 0.00000% N/A 0.00000% N/A 0.00233% N/A -0.01233% N/A -0.01433% N/A -0.01433% N/A -0.01433% N/A -0.017629% N/A -0.017529% N/A -0.0179781% N/A 0.00000% N/A 0.000000% N/A	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 INGRAN WHYALLA PS3 - ROBERTSTG INGRAN WHYALLA PS1 - MORTH WE INGRAN WHYALLA PS1 - NORTH WE INGRAN WHYALA PS1 - NORTH WE INGRAN WHYALLA PS1 - NORTH WE INGRAN	aviopment projects CAPITAL PROJECT CAPITAL PROJECT CAP	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stat	1301/2016 22/03/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 13/12/2016 13/12/2016 13/12/2016 13/02/2016 18/02/2016 18/02/2016 18/03/2016 16/03/2016 16/03/2016 16/03/2016 17/03/2016 21/03/2016 21/03/2016 21/03/2016	8:16:00 7:15:00 8:06:00 7:38:00 7:38:00 7:53:00 7:53:00 8:07:00 12:04:00 12:04:00 12:04:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:31:00 7:31:00	2401/2016 220/3/2016 20/3/2016 3/08/2016 3/08/2016 23/11/2016 1/07/2016 1/00	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:41:00 11:50:00 11:50:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00:00 11:00 10:0	271.88 9.42 79.67 146.25 199.50 177.75 194.95 197.05 197.05 194.95 8.62 9.03 9.30 11.70 11.70 11.70 11.70 12.75 12.82 35.65 11.35 11.35 11.35 11.73	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 B BRINKWO	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.01782% N/A 0.00000% N/A 0.00000% N/A 0.00000%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
SEND 132KV LINE 1 Single transmission line/substation red FEMPLERS WEST - BRINKWORTH 275 FEMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L FEMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L RINKWORTH 275	evlopment projects CAPITAL PROJECT CAPITAL PRO	Para-Brinkworth-Dawenport Hazard Mitigat Para-Brinkworth-Dawenport Hazard Mitigat SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 120/32016 160/42016 260/72016 160/42016 160/12016 160/12016 160/12016 160/12016 180/22016 180/22016 180/22016 180/22016 180/22016 180/22016 180/22016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 120/320 120/320 120/320 120/3	8:18:00 7:15:00 8:05:00 7:38:00 7:38:00 7:28:00 7:53:00 8:12:00 8:12:00 12:04:00 12:04:00 12:04:00 7:48:00 7:49:00 7:49:00 7:49:00 7:49:00 7:40 7:40 7:40 7:40 7:40 7:40 7:400	24/01/2016 22/03/2016 13/04/2016 5/06/2016 14/09/2016 23/11/2016 13/01/2016 13/01/2016 13/01/2016 13/02/2016 13/02/2016 13/03/2016 17/03/2016 17/03/2016 17/03/2016 17/03/2016 23/03/2016	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:07:00 18:25:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:30:00 20:33:00 20:33:00 19:22:00 19:22:00 19:22:00 19:25:00 19:25:00 19:55:	271.88 9.42 79.67 146.25 199.50 197.06 173.75 194.95 8.92 9.03 9.30 9.30 9.30 9.30 9.30 9.30 11.70 11.70 11.70 11.70 11.70 12.75 12.82 23.665 11.35 11.35 11.35 9.7	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH - DAVENPORT 275 KV ERNKWORTH - DAVENPORT 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORGAN WHYA MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALA PS3	NA 0.00000% N/A 0.00000% N/A 0.00233% N/A -0.01233% N/A -0.01433% N/A -0.01433% N/A -0.01433% N/A -0.017629% N/A -0.017529% N/A -0.0179781% N/A 0.00000% N/A 0.000000% N/A	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 INNORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 INNORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 INNORTH - DAVENPORT 275 KV L INNORT	evlopment projects evlopment projects CAPITAL PROJECT CAPITAL	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenpt Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 1301/2016 160/4/2016 2007/2016 1601/2016 100/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:38:00 7:28:00 7:28:00 7:53:00 12:04:00 10:04:00 10:00 10:00 10:00 10:00 10:00 10:00 10:00 10:00 10:00 10:00 10:00	2401/2016 2203/2016 1904/2016 506/2016 23/11/2016 23/11/2016 14/09/2016 14/09/2016 15/01/2016 15/01/2016 18/02/2016 18/02/2016 18/02/2016 18/03/2016 21/00	16:11:00 16:40:00 15:45:00 11:41:00 13:13:00 12:34:00 13:13:00 10:50:00 17:07:00 17:07:00 17:04:00 13:23:46:00 20:33:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:35:00 19:28:00 20:05:00 19:28:00 20:05:00 19:28:00 20:05:00 19:28:00 20:05:00 19:28:00 20:05:00 19:28:00 20:05:00 19:18:00 20:05:00 20:05:00 19:18:00 20:05:00 19:18:00 19:	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.92 9.30 9.30 11.70 11.70 11.70 11.70 11.70 11.70 11.70 12.75 12.75 12.75 12.82 35.65 511.35 11.35 11.35 11.73 11.73 11.73 11.73	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NOBERTSTOWN MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALLA PS3 - NOBERTSTOWN MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALLA PS3 - NOBERTSTOWN MORGAN WHYALLA PS3 - NORAW WHYA MORGAN WHYALA PS3 - NORAW WHYA	NA 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.02234% N/A -0.012439% N/A -0.012781% N/A -0.017829% N/A -0.017829% N/A -0.017829% N/A -0.010781% N/A 0.00000% N/A 0.00126% <td>1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE</td> <td>CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR</td>	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
END 132KV LINE 1 Ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L BMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 INGRAAN WHYALLA PS3 - NOBERTSTT IORGAN WHYALLA PS3 - NORTH WE IORGAN WHYALA PS3 - NORTH WE IORGAN WHYALA PS4 - NORTH WE IORGAN WHYALA	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAP	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stati	1301/2016 22/03/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 19/11/2016 19/11/2016 19/12/2016 18/02/2016 18/02/2016 18/02/2016 18/03/2016 17/03/2016 17/03/2016 17/03/2016 17/03/2016 21/03/2016 2	8.16:00 7.15:00 8.06:00 9.26:00 7.33:00 7.33:00 7.53:00 8.02:00 7.48:00 7.31:00 7.3	24012016 22032016 23032016 23032016 30822016 23/11/2016 23/11/2016 16022016 16022016 16022016 180022016 180022016 180022016 180032016 23032016 21032016 210320000000000000000000000000000000000	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:41:00 11:31:00 11:50:00 11:50:00 11:05:00 11:05:00 11:05:00 11:05:00 11:05:00 12:34:00 23:46:00 19:27:00 19:22:00 19:22:00 19:22:00 19:25:00 19:15:00 19:15:00 19:15:00 19:15:00 19:15:00 19:15:00 19:15:00 19:15:00 20:05:	271.88 9.42 79.67 146.25 199.50 177.05 173.75 194.95 8.92 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70 12.75 12.82 13.56 11.35 11.35 11.35 11.35 11.73 11.73 11.73	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV INE BRINKWA - DAVENPORT	N/A 0.00000% N/A 0.00000% N/A 0.00253% N/A -0.01483% N/A -0.01752% N/A -0.01752% N/A -0.01752% N/A -0.01752% N/A -0.00000% N/A 0.00000% N/A 0.001111% N/A 0.001126% N/A 0.00126% N/A 0.00126%	15 CAPPED OUTAGES 15 CAPPED OUT	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
IEND 132KV LINE 1 Ingle transmission line/substation red Emplers WEST - BRINKWORTH 275 Emplers WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 RORGAN WHYALLA PS1 - NORTH WES IORGAN WHYALLA PS1 - NORGAN WHYALL IST - NORGAN WHYALLA PS1 - NORGAN WHYALI IST - NORGAN WHYALLA PS1 - NORGAN WHYALI IST - NORGAN WHYALLA PS1 - NORGAN WHYALI IST - NORGAN WHYALI IS	aviopment projects CAPITAL PROJECT CAPITAL PRO	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water	13012016 22032016 22032016 28072016 28072016 28072016 28072016 16112016 114012016 116022016 116022016 116022016 118022016 118022016 118022016 118022016 11032016 210320000000000000000000000000000000000	8:18:00 7:15:00 8:06:00 7:38:00 7:38:00 7:28:00 7:28:00 9:07:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:31:	24012016 22032016 19.042016 5.0622016 23/112016 23/112016 23/112016 14.0622016 19.022016 19.022016 19.022016 19.022016 19.022016 19.022016 19.032016 22.032016 21.0320	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:41:00 11:31:00 11:23:40:00 12:34:00 12:35:00 12:15:00 13:	271.88 9.42 79.67 146.25 199.50 173.75 194.95 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70 11.77 12.75 12.82 35.65 11.35 11.35 11.35 11.35 11.73 11.73 11.73 11.73 11.73 11.73 11.73	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INTALLA PS1 - NORGAN WHYA INORGAN WHYALLA PS1 - MORGAN WHYA INORGAN WHYALA PS1 - MORGAN WHYA INTA INORGAN WHYALLA P	N/A 0.00000% N/A 0.00200% N/A 0.00233% N/A 0.01283% N/A 0.02324% N/A 0.017629% N/A 0.017994% N/A 0.0179278% N/A 0.017971% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00011191% N/A 0.001267%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURAT
SEND 132KV LINE 1 Single transmission line/substation red ingle transmission line/su	evlopment projects evlopment projects CAPITAL PROJECT CAPITA	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stati	1301/2016 220/32016 220/32016 220/32016 220/32016 220/72016 220/72016 16/11/2016 13/11/2016 13/11/2016 13/11/2016 13/01/2	8.18:00 7.15:00 8.05:00 7.28:00 7.28:00 7.28:00 7.28:00 8.02:00 8.02:00 12.04:00 12.04:00 12.04:00 12.04:00 12.04:00 7.48:00 7.48:00 7.48:00 7.48:00 7.48:00 7.31:00 7.31:00 7.31:00 7.36:00 9.05:00 9.05:00 9.05:00	2401/2016 22/03/2016 23/03/2016 3/08/2016 23/11/2016 23/11/2016 14/03/2016 14/03/2016 14/03/2016 18/03/2016 18/03/2016 18/03/2016 18/03/2016 18/03/2016 18/03/2016 21/03/2016 21/03/2016 23	16:11:00 16:40:00 15:45:00 11:41:00 13:13:00 13:13:00 10:50:00 17:07:00 17:07:00 17:04:00 18:25:00 23:46:00 20:33:00 19:28:00 19:28:00 19:28:00 19:15:	271.88 9.42 9.967 146.25 199.50 197.05 173.75 194.95 8.92 9.30 9.30 9.30 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.75 12.75 12.75 12.82 35.65 51 11.35 11.35 11.35 11.73 11.73 11.73 11.73 11.73 11.73 12.48 8.08 8.00 9.30	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV TEMPLERS WEST - BRINKWORTH 275 KV MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - ROBERTSTOWN MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - MORGAN WHYA MORGAN WHYALLA PS3 - NORTH WEST B MORGAN WHYALA PS3 - NORTH WEST B MORGAN WHYALLA PS3 - NOR	NA 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.00233% N/A 0.01283% N/A 0.01283% N/A 0.01283% N/A 0.01782% N/A 0.01782% N/A 0.01782% N/A 0.00000% N/A 0.001267% N/A 0.001267% N/A 0.001267% N/A 0.001267% <	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGR
IEND 132KV LINE 1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Aviopment projects CAPITAL PROJECT CAPITAL PR	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water	1301/2016 1301/2016 1604/2016 2807/2016 1604/2016 1601/2016 1301/2016 1401/2016 1401/2016 1401/2016 180/22016 180/22016 180/22016 180/22016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 170/32016 100/32016	8:18:00 7:15:00 8:06:00 7:38:00 7:38:00 7:28:00 7:28:00 9:07:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 12:04:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:48:00 7:31:	24/01/2016 22/03/2016 19/04/2016 50/06/2016 23/11/2016 23/11/2016 14/01/2016 19/0/2016 19/0/2016 19/0/2016 19/0/2016 19/0/2016 19/0/2016 10/0/2016 23/0/3/2016 20/0/3/2016 20/0/2016 20	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:41:00 11:31:00 11:23:40:00 12:34:00 12:35:00 12:15:00 13:	271.88 9.42 79.67 146.25 199.50 173.75 194.95 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70 11.77 12.75 12.82 35.65 11.35 11.35 11.35 11.35 11.73 11.73 11.73 11.73 11.73 11.73 11.73	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 KV INE BRINKWORTH 275 INE BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 INE BRINKWALLA PS1 - NORGAN WHYA BRINKALA PS1 - NORTH WEST B BRINKALA PS1 - NORTH WEST INFA BRINKALA PS1 - NORTH WHYA BRINKA AN HYALA PS	N/A 0.00000% N/A 0.00200% N/A 0.00233% N/A 0.01283% N/A 0.02324% N/A 0.017629% N/A 0.017994% N/A 0.0179278% N/A 0.017971% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00000% N/A 0.00011191% N/A 0.001267%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURAT
IEND 132KV LINE 1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	eviopment projects CAPITAL PROJECT CAPITAL PRO	Para-Brinkworth-Dawenport Hazard Mitigal Para-Brinkworth-Dawenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations Transformer Re	1301/2016 1301/2016 1604/2016 22073/2016 1604/2016 1601/2016 1601/2016 1601/2016 1601/2016 1802/2016 1802/2016 1802/2016 1802/2016 1802/2016 1802/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1703/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1003/2016 1004/2018 1004/2018 1004/2018 1004/2018 2004/2016	8:18:00 7:15:00 9:26:00 7:38:00 7:28:00 7:28:00 7:28:00 7:28:00 12:24:00 12:24:00 12:24:00 12:24:00 12:24:00 7:48:00 7:48:00 7:48:00 7:48:00 7:31:00 7:36:00 7	2401/2016 2203/2016 130/42/016 5306/2016 23/11/2016 23/11/2016 130/22/016 130/22/016 130/22/016 130/22/016 130/22/016 130/22/016 130/22/016 130/22/016 130/22/016 17/03/2016 23/	16:11:00 16:40:00 15:45:00 11:41:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 23:46:00 20:50:00 19:28:	271.88 9.42 79.67 146.25 199.50 173.75 194.95 8.92 9.30 9.30 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.75 12.75 12.82 35.65 11.35 11.35 11.35 11.35 11.73 12.24 8.08 8.08 9.30 0.008	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 BRINKWALLA PS- BRINKWALA PS- BRINKWALA PS- BR	NA 0.00000% N/A 0.00000% N/A 0.002330 N/A 0.002330 N/A -0.012339 N/A -0.012439% N/A -0.012439% N/A -0.017629% N/A -0.017971% N/A -0.019791% N/A 0.00000% N/A 0.00126% <td>1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE</td> <td>CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION CAPPED AGGREGRATE OUTAGE DURATION CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE</td>	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION CAPPED AGGREGRATE OUTAGE DURATION CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE
END 132KV LINE 1 Ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L IRINKWHYALLA PS1 - NORGAN WHYALL PS1 - MORGAN WHYALL PS	eviopment projects CAPITAL PROJECT CAPITAL PROJECT CAP	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations	1301/2016 22/03/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 19/01/2016 19/01/2016 19/01/2016 18/02/2016 18/02/2016 18/02/2016 19/03/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 20/04/2016 20/04/2016 20/04/2016 20/04/2016	8.16:00 7.15:00 8.06:00 7.31:00 7.33:00 7.33:00 7.33:00 7.53:00 8.12:00 8.07:00 12:04:00 12:04:00 12:04:00 12:04:00 7.48:00 7.48:00 7.48:00 7.48:00 7.31:00 7.31:00 7.31:00 7.31:00 7.33:00 7.34:00 7.34:00 7.42:00	24012016 220032016 20032016 20032016 3082016 23/11/2016 23/11/2016 15012016 15012016 15012016 15012016 15012016 15012016 150022016 180022016 180022016 180022016 180032016 21032016 21032016 21032016 21032016 21032016 10042016 10042016 10042016 10042016 10042016 10042016 210	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:31:00 10:50:00 17:07:00 17:04:00 18:25:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 23:46:00 19:27:00 19:28:00 19:18:00 19:28:00 19:18:	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.02 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70 12.75 12.82 35.65 11.35 11.35 11.35 11.35 11.35 11.73 11.74 12.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.4	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV INE BRINKWHALLA FS1 - MORGAN WHYA INGRAN WHYALLA FS1 - MORGAN WHYA INGRAN	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.01782% N/A 0.01782% N/A 0.01782% N/A 0.01782% N/A 0.01782% N/A 0.01782% N/A 0.00000% N/A 0.00126% N/A 0.00126% N/A 0.00126% N/A 0.00026% N/A 0.00026% <td>1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE</td> <td>CAPPED AGGREGRATE OUTAGE DURATION TC CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURA</td>	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TC CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURA
END 132KV LINE 1 Ingle transmission line/substation red EMPLERS WEST - BRINKWORTH 275 EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L FMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L EMPLERS WEST - BRINKWORTH 275 IRINKWORTH - DAVENPORT 275 KV L IRINKWHYALLA PS1 - NORGAN W IRINGAN WHYALLA PS1 - NORGAN W IRINGAN WHYALLA PS1 - NORGAN WHYALL IRINKHYALLA PS1 - NORGAN WHYALL IRINKHYALLA PS1 - MORGAN WHYALL IRINKHYALLA PS1 - M	evlopment projects CAPITAL PROJECT CAPITAL PRO	Para-Brinkworth-Davenport Hazard Mitigal Para-Brinkworth-Davenport Hazard Mitigal SA Water Pump Stations Transformer Re SA Water Pump Stations	1301/2016 22/03/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 28/07/2016 19/01/2016 19/01/2016 19/01/2016 18/02/2016 18/02/2016 18/02/2016 19/03/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 19/04/2016 20/04/2016 20/04/2016 20/04/2016	8.16.00 7.15.00 8.06.00 7.31.00 7.28.00 7.53.00 8.02.00 9.07.00 12.04.00 12.04.00 12.04.00 12.04.00 7.48.00 7.48.00 7.48.00 7.48.00 7.48.00 7.48.00 7.48.00 7.31.00 7.31.00 7.31.00 7.31.00 7.34.00 7.	24012016 220032016 20032016 20032016 3082016 23/11/2016 23/11/2016 15012016 15012016 15012016 15012016 15012016 15012016 150022016 180022016 180022016 180022016 180022016 180032016 21032016 21032016 21032016 21032016 21032016 21032016 10042004 100420000000000000000000000000	16:11:00 16:40:00 15:45:00 11:41:00 11:41:00 11:41:00 11:41:00 11:41:00 11:41:00 11:41:00 11:41:00 11:23:40:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:34:00 12:23:00 19:27:00 19:	271.88 9.42 79.67 146.25 199.50 197.05 173.75 194.95 8.02 9.03 9.30 11.70 11.70 11.70 11.70 11.70 11.70 12.75 12.82 35.65 11.35 11.35 11.35 11.35 11.35 11.73 11.74 11.248 12.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.48 14.	132KY LINE 1 TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV TEMPLERS WEST - BRINKWORTH 275 KV BRINKWORTH - DAVENPORT 275 KV INE BRINKWORTH 275 - BRINKWORTH 275 KV INE BRINKWORTH 275 - NORTH WEST B MORGAN WHYALLA FS1 - MORGAN WHYA MORGAN WHYALLA FS1 - MO	N/A 0.00000% N/A 0.00000% N/A 0.00233% N/A 0.01483% N/A 0.01782% N/A 0.01782% N/A 0.01792% N/A 0.01792% N/A 0.00000% N/A 0.00111% N/A 0.00126% N/A 0.00126% N/A 0.00126% <td>1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE</td> <td>CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO</td>	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGE	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
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	MORGAN WHYALLA PS3 - ROBERTST CAPITAL PROJECT	SA Water Pump Stations Transformer Re 30/07/2016	7:42:00 30/07/2016	6 17:21:00	9.65	MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A	-0.000979%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - NORTH WESCAPITAL PROJECT	SA Water Pump Stations Transformer Re 30/07/2016	7:42:00 30/07/2016	6 17:21:00	9.65	MORGAN WHYALLA PS1 - NORTH WEST B	N/A	-0.000979%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - MORGAN W CAPITAL PROJECT MORGAN WHYALLA PS1 - NORTH WESCAPITAL PROJECT	SA Water Pump Stations Transformer Re 1/08/2016 SA Water Pump Stations Transformer Re 1/08/2016	8:20:00 1/08/2016	6 15:51:00 6 15:51:00	7.52	MORGAN WHYALLA PS1 - MORGAN WHYA MORGAN WHYALLA PS1 - NORTH WEST B	N/A N/A	-0.000763% -0.000763%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - NORTH WEICAPITAL PROJECT MORGAN WHYALLA PS2 - MORGAN W CAPITAL PROJECT	SA Water Pump Stations Transformer Re 1/08/2016 SA Water Pump Stations Transformer Re 1/08/2016	8:20:00 1/08/2016	6 15:51:00	7.52	MORGAN WHYALLA PS1 - NORTH WEST B MORGAN WHYALLA PS2 - MORGAN WHYA	N/A N/A	-0.000763%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS2 - MORGAN W CAPITAL PROJECT	SA Water Pump Stations Transformer Re 1/08/2016	8:20:00 1/08/2016		7.52	MORGAN WHYALLA PS2 - MORGAN WHYA	N/A	-0.000763%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS3 - ROBERTST CAPITAL PROJECT	SA Water Pump Stations Transformer Re 5/08/2016	7:29:00 6/08/2016	6 18:01:00	34.53	MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A	-0.003504%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - MORGAN W CAPITAL PROJECT	SA Water Pump Stations Transformer Re 6/09/2016	8:02:00 6/09/2016	6 17:01:00	8.98	MORGAN WHYALLA PS1 - MORGAN WHYA	N/A	-0.000911%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - NORTH WESCAPITAL PROJECT	SA Water Pump Stations Transformer Re 6/09/2016	8:02:00 6/09/2016	6 17:01:00	8.98	MORGAN WHYALLA PS1 - NORTH WEST B	N/A	-0.000911%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - MORGAN W CAPITAL PROJECT	SA Water Pump Stations Transformer Re 13/09/2016	8:44:00 14/09/2016	6 15:35:00	30.85	MORGAN WHYALLA PS1 - MORGAN WHYA	N/A	-0.003130%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS3 - ROBERTST CAPITAL PROJECT	SA Water Pump Stations Transformer Re 13/09/2016	8:44:00 14/09/2016	6 15:35:00	30.85	MORGAN WHYALLA PS3 - ROBERTSTOWN	N/A	-0.003130%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS1 - NORTH WESCAPITAL PROJECT	SA Water Pump Stations Transformer Re 13/09/2016	8:44:00 14/09/2016	6 15:35:00	30.85	MORGAN WHYALLA PS1 - NORTH WEST B	N/A	-0.003130%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MORGAN WHYALLA PS2 - MORGAN W CAPITAL PROJECT	SA Water Pump Stations Transformer Re 13/09/2016	8:44:00 14/09/2016	6 15:35:00	30.85	MORGAN WHYALLA PS2 - MORGAN WHYA	N/A	-0.003130%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	WATERLOO EAST - MORGAN WHYALL CAPITAL PROJECT	SA Water Pump Stations Transformer Re 26/09/2016	7:57:00 26/09/2016		9.42	WATERLOO EAST - MORGAN WHYALLA PS	N/A	-0.000955%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	ROBERTSTOWN - MORGAN WHYALLACAPITAL PROJECT	SA Water Pump Stations Transformer Re 26/09/2016	7:57:00 26/09/2016	6 17:22:00	9.42	ROBERTSTOWN - MORGAN WHYALLA PS4	N/A	-0.000955%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	WATERLOO EAST - MORGAN WHYALL CAPITAL PROJECT	SA Water Pump Stations Transformer Re 27/09/2016	7:57:00 27/09/2016	6 17:32:00	9.58	WATERLOO EAST - MORGAN WHYALLA PS	N/A	-0.000972%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	ROBERTSTOWN - MORGAN WHYALLA CAPITAL PROJECT	SA Water Pump Stations Transformer Re 27/09/2016	7:57:00 27/09/2016	6 17:32:00	9.58	ROBERTSTOWN - MORGAN WHYALLA PS4	N/A	-0.000972%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	ROBERTSTOWN - MORGAN WHYALLA CAPITAL PROJECT	SA Water Pump Stations Transformer Re 28/09/2016	7:40:00 28/09/2016	6 10:44:00	3.07	ROBERTSTOWN - MORGAN WHYALLA PS4	N/A	-0.000311%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	WATERLOO EAST - MORGAN WHYALL CAPITAL PROJECT	SA Water Pump Stations Transformer Re 28/09/2016	7:40:00 28/09/2016	6 10:44:00	3.07	WATERLOO EAST - MORGAN WHYALLA PS	N/A	-0.000311%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	ANGAS CREEK - MANNUM 132KV LINE CAPITAL PROJECT ANGAS CREEK - MANNUM 132KV LINE CAPITAL PROJECT	SA Water Pump Stations Transformer Re 29/11/2016 SA Water Pump Stations Transformer Re 30/11/2016	6:36:00 29/11/2016 7:08:00 30/11/2016	6 17:38:00 6 16:57:00	11.03 9.82	ANGAS CREEK - MANNUM 132KV LINE ANGAS CREEK - MANNUM 132KV LINE	N/A N/A	-0.001119%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	ANGAS CREEK - MANNUM 132KV LINE CAPITAL PROJECT	SA Water Pump Stations Transformer Re 30/11/2016	7:08:00 30/11/2016	16:57:00	9.82	ANGAS CREEK - MANNUM 132KV LINE	N/A	-0.000996%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	BELALIE - DAVENPORT 275KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 17/03/2016	8:11:00 21/03/2016	6 13:52:00	101.68	BELALIE - DAVENPORT 275KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	CANOWIE - DAVENPORT 275 KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 29/03/2016	8:13:00 5/04/2016	6 18:37:00	178.40	CANOWIE - DAVENPORT 275 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	BELALIE - DAVENPORT 275 KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 29/03/2016 Hornsdale (Mt Lock) Wind Farm Connecti 11/04/2016	8:13:00 5/04/2016 12:19:00 11/04/2016		4.15	BELAUE - DAVENPORT 275 KV LINE	N/A N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	CANOWIE - DAVENPORT 275KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 21/05/2016	6:19:00 26/05/2016	5 10.28.00 6 14:40:00	128.35	CANOWIE - DAVENPORT 275KV LINE	N/A	-0.007771%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	MOUNT LOCK - CANOWIE 275KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 2//05/2016 Hornsdale (Mt Lock) Wind Farm Connecti 6/06/2016	7:50:00 15/06/2016	6 16:00:00	224.17	CANOWIE - DAVENPORT 275 KV LINE	N/A	-0.022745%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO CAPPED AGGREGRATE OUTAGE DURATION TO
	CONTRACTOR OF CONTRACT CONTRACT COJECT	Constant of the cost of the co	1.00.00 10/00/2010	10.00.00	227.17	ELECTRIC DATE OF CONTENTS OF CONTENTS		0.0114070		
	PELICAN POINT - PARAFIELD GARDEN CAPITAL PROJECT	Unit Asset Replacements 2013-2018 (118 11/05/2016	8:36:00 20/05/2016	6 15:45:00	223.15	PELICAN POINT - PARAFIELD GARDENS W	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	CHERRY GARDENS - TAILEM BEND 27 CAPITAL PROJECT	Unit Asset Replacements 2013-2018 (118 17/05/2016	8:15:00 18/05/2016	6 14:10:00	29.92	CHERRY GARDENS - TAILEM BEND 275KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	CHERRY GARDENS - TAILEM BEND 27 CAPITAL PROJECT	Unit Asset Replacements 2013-2018 (118 18/05/2016	15:10:00 19/05/2016	6 15:11:00	24.02	CHERRY GARDENS - TAILEM BEND 275KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	HAPPY VALLEY - MORPHETT VALE EA CAPITAL PROJECT	Unit Asset Replacements 2013-2018 (118 24/05/2016	8:22:00 30/05/2016		153.58	HAPPY VALLEY - MORPHETT VALE EAST 2	N/A	-0.009605%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	KEITH - KINCRAIG 132KV LINE CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 11/06/2016	7:39:00 15/06/2016	6 18:20:00	106.68	KEITH - KINCRAIG 132KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	KINCRAIG - PENOLA WEST 132 KV LIN CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 28/06/2016	7:50:00 1/07/2016	6 11:47:00	75.95	KINCRAIG - PENOLA WEST 132 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	SOUTH EAST - TAILEM BEND 275 kV LI CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 4/07/2016	7:42:00 14/07/2016	6 19:45:00	252.05	SOUTH EAST - TAILEM BEND 275 kV LINE 1	N/A	-0.010013%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	SOUTH EAST - TAILEM BEND 275 kV LI CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 16/07/2016	9:32:00 22/07/2016	6 20:18:00	154.77	SOUTH EAST - TAILEM BEND 275 kV LINE 2	N/A	-0.015703%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	SOUTH EAST - SNUGGERY 132KV LINECAPITAL PROJECT	South East CB Upgrade (10517) 24/04/2016	10:10:00 24/04/2016	6 18:05:00	7.92	SOUTH EAST - SNUGGERY 132KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	MT GAMBIER - SOUTH EAST 132 KV LII CAPITAL PROJECT	South East CB Upgrade (10517) 26/07/2016	7:44:00 26/07/2016	6 16:25:00	8.68	MT GAMBIER - SOUTH EAST 132 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	PENOLA WEST - SOUTH EAST 132 KV CAPITAL PROJECT	South East CB Upgrade (10517) 1/08/2016	7:39:00 1/08/2016		1.93	PENOLA WEST - SOUTH EAST 132 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	HEYWOOD - SOUTH EAST 275KV LINE CAPITAL PROJECT	South East CB Upgrade (10517) 18/10/2016	7:43:00 22/10/2016		99.03	HEYWOOD - SOUTH EAST 275KV LINE 2	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	PENOLA WEST - SOUTH EAST 132 KV CAPITAL PROJECT	South East CB Upgrade (10517) 14/11/2016	7:40:00 21/11/2016	6 15:09:00	175.48	PENOLA WEST - SOUTH EAST 132 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
	HEYWOOD - SOUTH EAST 275KV LINE CAPITAL PROJECT	South East CB Upgrade (10517) 22/11/2016	7:46:00 26/11/2016	6 10:01:00	98.25	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A	-0.005611%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO
						0				
						0				
	Single transmission line/substation redevlopment projects		1 1	1	1					
	TEMPLERS WEST - BRINKWORTH 275 CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigat 13/01/2016	8:18:00 24/01/2016	6 16:11:00	95.70	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	TEMPLERS WEST - BRINKWORTH 275 CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 22/03/2016	7:15:00 22/03/2016		8.67	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	BRINKWORTH - DAVENPORT 275 KV L CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 22/03/2010 Para-Brinkworth-Davenport Hazard Mitiga 16/04/2016	8:05:00 19/04/2016	6 15:45:00	19.75	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.005695%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	TEMPLERS WEST - BRINKWORTH 275 KV ECAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 30/05/2016 9ara-Brinkworth-Davenport Hazard Mitiga	9:26:00 5/06/2016	5 11:41:00	58.57	TEMPLERS WEST - BRINKWORTH 275 KV LINE	N/A	-0.081019%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	BRINKWORTH - DAVENPORT 275 KV L CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitigal 26/07/2016 Para-Brinkworth-Davenport Hazard Mitigal 26/07/2016	7:38:00 3/08/2016	6 15:08:00	79.13	BRINKWORTH - DAVENPORT 275 KV LINE	N/A N/A	-0.109470%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURATION T
	BRINKWORTH - DAVENPORT 275 KV L CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 6/09/2016	7:31:00 14/09/2016	6 12:34:00	76.57	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.105919%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	TEMPLERS WEST - BRINKWORTH 275 CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 16/11/2016	7:28:00 23/11/2016	6 13:13:00	65.22	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.090218%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	TEMPLERS WEST - BRINKWORTH 275 CAPITAL PROJECT	Para-Brinkworth-Davenport Hazard Mitiga 13/12/2016 13/12/2016	7:53:00 21/12/2010		74.83	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.103521%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	MUNNO PARA - BLYTH WEST 275KV LI CAPITAL PROJECT	Critical Low Spans Project (AP13085) 2/03/2016	8:05:00 12/03/2016	6 12:15:00	95.92	MUNNO PARA - BLYTH WEST 275KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	MUNNO PARA - BLYTH WEST 275KV LI CAPITAL PROJECT	Critical Low Spans Project (AP13085) 20/04/2016	7:58:00 23/04/2016	6 15:56:00	36.00	MUNNO PARA - BLYTH WEST 275KV LINE	N/A	-0.016485%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	BELALIE - DAVENPORT 275KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 17/03/2016	8:11:00 21/03/2016	6 13:52:00	29.68	BELALIE - DAVENPORT 275KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	CANOWIE - DAVENPORT 275 KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 29/03/2016	8:13:00 5/04/2016	6 18:37:00	70.40	CANOWIE - DAVENPORT 275 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	BELALIE - DAVENPORT 275KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 11/04/2016	12:19:00 11/04/2016	6 16:28:00	4.15	BELALIE - DAVENPORT 275KV LINE	N/A	0.00000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	CANOWIE - DAVENPORT 275 KV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 21/05/2016	6:19:00 26/05/2016	6 14:40:00	42.67	CANOWIE - DAVENPORT 275 KV LINE	N/A	-0.037212%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
	MOUNT LOCK - CANOWIE 275kV LINE CAPITAL PROJECT	Hornsdale (Mt Lock) Wind Farm Connecti 6/06/2016	7:50:00 15/06/2016	6 16:00:00	80.00	CANOWIE - DAVENPORT 275 KV LINE	N/A	-0.110668%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
tical circuit										
ailability –	SOUTH EAST - TAILEM BEND 275 KV LI CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 4/07/2016	7:42:00 14/07/2016	6 19:45:00	107.75	SOUTH EAST - TAILEM BEND 275 kV LINE 1	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T
ak	SOUTH EAST - TAILEM BEND 275 KV LI CAPITAL PROJECT SOUTH EAST - TAILEM BEND 275 KV LI CAPITAL PROJECT	Heywood Interconnector Upgrade (10344) 4/07/2016 Heywood Interconnector Upgrade (10344) 16/07/2016	9:32:00 22/07/2016	5 19:45:00 5 20:18:00	107.75	SOUTH EAST - TAILEM BEND 275 KV LINE 1 SOUTH EAST - TAILEM BEND 275 KV LINE 2	N/A N/A	-0.066055%	1.5 CAPPED OUTAGES 1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION T CAPPED AGGREGRATE OUTAGE DURATION T
	SOUTH EAST - TAILEN BEND 275 KV LICAPITAL PROJECT	Teywood interconnector opgrade (10344) 16/07/2016	9.32.00 22/07/2010	20.10.00	00.00	SOUTH LAST - TAILENI BEND 275 KV LINE 2	IN/A	-0.000033%	1.5 CAFFED OUTAGES	CALLED AGGREGRATE OUTAGE DURATION T
	TEMPLERS WEST - BRINKWORTH FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:47:00 10/10/2016	6 18:20:00	86.55	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.119729%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	275 KV LINE	28/09/2016	15.47.00 10/10/2010	18.20:00	60.55	LINE	IN/A	-0.119/29%	1.0 FORGE MADDERE	INFACTED DORING STOTEM BLACK EVE
	PARA - ROBERTSTOWN 275KV LINE FORCE MAJUERE	SYSTEM BLACK 28/09/2016	15:47:00 28/09/2016	6 22:40:00	4.22	PARA - ROBERTSTOWN 275KV LINE	N/A	-0.005833%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	MOUNT LOCK - DAVENPORT 275kV FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:48:00 12/10/2016	6 19:35:00	111.78	MOUNT LOCK - DAVENPORT 275kV LINE	N/A	-0.154636%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	LINE									
	HEYWOOD - SOUTH EAST 275KV FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:48:00 28/09/2016	6 16:52:00	1.07	HEYWOOD - SOUTH EAST 275KV LINE 2	N/A	-0.001476%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	LINE 2 HEYWOOD - SOUTH EAST 275KV FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:48:00 28/09/2016	6 18:12:00	2.40	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A	-0.003320%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	LINE 1	28/08/2010	10.40.00 20/09/2010	10.12.00	2.40	TELEVICED - GOOTTERGY 270KV LINE T	19/0	0.00302078	1.01 OKCE WAGDERE	IN ACTED DORING STOTEM BEACK EVE
	PARA - MUNNO PARA 275 KV LINE FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:48:00 29/09/2016	6 10:52:00	7.07	PARA - MUNNO PARA 275 KV LINE	N/A	-0.009776%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
	PARA - MUNNO PARA 275 KV LINE FORCE MAJUERE							-0.113919%		
	BELALIE - DAVENPORT 275KV LINE FORCE MAJUERE	NOT SPECIFIED 28/09/2016	15:48:00 10/10/2016	6 14:09:00	82.35	BELALIE - DAVENPORT 275KV LINE	N/A	-0.113919%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVE
			15:48:00 10/10/2016 15:48:00 28/09/2016	6 14:09:00 6 23:22:00	82.35 4.20	BELALIE - DAVENPORT 275KV LINE TUNGKILLO - ROBERTSTOWN 275KV LINE	N/A N/A	-0.005810%	1.6 FORCE MAJUERE 1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EV IMPACTED DURING SYSTEM BLACK EV

S2		MUNNO PARA - BLYTH WEST 275KV FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	10:55:00	7.12	MUNNO PARA - BLYTH WEST 275KV LINE	N/A	-0.009845%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S2		DAVENPORT - BUNGAMA 275KV LINE FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	11:45:00	7.95	DAVENPORT - BUNGAMA 275KV LINE	N/A	-0.010998%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S2		BRINKWORTH - DAVENPORT 275 KV FORCE MA	JUERE SYSTEM BLACK	28/09/2016	17:56:00	18/12/2016	14:08:00	674.07	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.932474%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S2													
S2 S3		Single transmission line/substation redevlopment	vroincte										
53 S3		ongle transmission mersubstation redeviopment								1			
S3		TEMPLERS WEST - BRINKWORTH 275 CAPITAL P	ROJECT Para-Brinkworth-Davenport Hazard Mitig	al 13/01/2016	8:18:00	24/01/2016	16:11:00	176.18	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HRS
S3		TEMPLERS WEST - BRINKWORTH 275 CAPITAL P		al 22/03/2016	7:15:00	22/03/2016	16:40:00	0.75	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HRS
S3		BRINKWORTH - DAVENPORT 275 KV L CAPITAL P		al 16/04/2016	8:05:00	19/04/2016	15:45:00	59.92	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.015051%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3		TEMPLERS WEST - BRINKWORTH 275 CAPITAL P		al 30/05/2016	9:26:00	5/06/2016	11:41:00	87.68	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.063296%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3		BRINKWORTH - DAVENPORT 275 KV L CAPITAL P		al 26/07/2016	7:38:00	3/08/2016	15:08:00	120.37	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.086890%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3		BRINKWORTH - DAVENPORT 275 KV LCAPITAL P		al 6/09/2016	7:31:00	14/09/2016	12:34:00	120.48	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.086974%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3		TEMPLERS WEST - BRINKWORTH 275 CAPITAL P		al 16/11/2016	7:28:00	23/11/2016	13:13:00	108.53	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.078348%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3		TEMPLERS WEST - BRINKWORTH 275 CAPITAL P			7:53:00	21/12/2016	10:50:00	120.12	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.086709%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
S3			r ard brinkhordr barenport hazard wing	10,12,2010	1.00.00	201022010	.0.00.00	120.12			0.00070070		
S3													
S3		BELALIE - DAVENPORT 275KV LINE CAPITAL P	ROJECT Hornsdale (Mt Lock) Wind Farm Connec	ti 17/03/2016	8:11:00	21/03/2016	13:52:00	72.00	BELALIE - DAVENPORT 275KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HRS
S3		CANOWIE - DAVENPORT 275 KV LINE CAPITAL P			8:13:00	5/04/2016	18:37:00	108.00	CANOWIE - DAVENPORT 275 KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HRS
S3		BELALIE - DAVENPORT 275KV LINE CAPITAL P			12:19:00	11/04/2016	16:28:00	0.00	BELALIE - DAVENPORT 275KV LINE	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
53 53		CANOWIE - DAVENPORT 275 KV LINE CAPITAL P			6:19:00	26/05/2016	14:40:00	85.68	CANOWIE - DAVENPORT 275 KV LINE	N/A	-0.035865%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
53 S3		MOUNT LOCK - CANOWIE 275kV LINE CAPITAL P			7:50:00	15/06/2016	16:00:00	144.17	CANOWIE - DAVENPORT 275 KV LINE	N/A	-0.104070%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
53 S3		MODINI EDGICI CANOWIE 2/3KV EINE CALITAET	COLOT TIONSdale (WEEDER) WIND Faill Colliner	0/00/2010	7.50.00	13/00/2010	10.00.00	144.17	CANOWIE - DAVENI OKT 275 KV EINE	19/5	-0.10407078	1.5 CALLED COLLAGES	CALLED AGGREGINATE OF TAGE DORATION TO SSUIN
33													
62	Critical circuit	SOUTH EAST - TAILEM BEND 275 KV LI CAPITAL P	ROJECT Heywood Interconnector Upgrade (1034	4) 4/07/2016	7:42:00	14/07/2016	19:45:00	144.30	SOUTH EAST - TAILEM BEND 275 kV LINE 1	N/A	0.000000%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
53		SOUTH EAST - TAILEM BEND 275 KV LI CAPITAL P			9:32:00	22/07/2016	20:18:00	94.77	SOUTH EAST - TAILEM BEND 275 KV LINE 2		-0.016651%	1.5 CAPPED OUTAGES	CAPPED AGGREGRATE OUTAGE DURATION TO 336HR
53	peak (zero	SOUTH EAST - TAILENI BEND 275 KV LICAFITAL P	ROJECT Reywood Interconnector Opgrade (1034-	+) 10/07/2010	9.32.00	22/07/2010	20.18.00	94.77	SOUTH EAST - TAILENI BEND 275 KV LINE 2	IN/A	+0.01003176	1.5 CAFFED OUTAGES	CAFFED AGGREGRATE OUTAGE DURATION TO SSORK
53	weighting)												
53		TEMPLERS WEST - BRINKWORTH FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:47:00	10/10/2016	18:20:00	204.00	TEMPLERS WEST - BRINKWORTH 275 KV	N/A	-0.147263%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S3		275 KV LINE	JOEKE NOT OF EGITIED	20/03/2010	13.47.00	10/10/2010	10.20.00	204.00	LINE	196	-0.14720378	1.01 OKCE MADDERE	IMI ACTED DOMING STOTEM DEADLEVENT
S3		PARA - ROBERTSTOWN 275KV LINE FORCE MA	JUERE SYSTEM BLACK	28/09/2016	15:47:00	28/09/2016	22:40:00	2.67	PARA - ROBERTSTOWN 275KV LINE	N/A	-0.001925%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
6 0		MOUNT LOCK - DAVENPORT 275kV FORCE MA		28/09/2016	15:48:00	12/10/2016	19:35:00	228.00	MOUNT LOCK - DAVENPORT 275kV LINE	N/A	-0.164588%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
53		LINE											
S3		HEYWOOD - SOUTH EAST 275KV FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	16:52:00	0.00	HEYWOOD - SOUTH EAST 275KV LINE 2	N/A	0.000000%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S3		HEYWOOD - SOUTH EAST 275KV FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	28/09/2016	18:12:00	0.00	HEYWOOD - SOUTH EAST 275KV LINE 1	N/A	0.000000%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
\$3		LINE 1 PARA - MUNNO PARA 275 KV LINE FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	10:52:00	12.00	PARA - MUNNO PARA 275 KV LINE	N/A	-0.008663%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
63		BELALIE - DAVENPORT 275KV LINE FORCE MA		28/09/2016	15:48:00	10/10/2016	14:09:00	204.00	BELALIE - DAVENPORT 275KV LINE	N/A	-0.147263%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
55		TUNGKILLO - ROBERTSTOWN 275KV FORCE MA		28/09/2016		28/09/2016	23:22:00	3.37	TUNGKILLO - ROBERTSTOWN 275KV LINE	N/A	-0.002430%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S3		LINE		28/09/2016							-0.002430%		
S3		MUNNO PARA - BLYTH WEST 275KV FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	10:55:00	12.00	MUNNO PARA - BLYTH WEST 275KV LINE	N/A	-0.008663%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S3		DAVENPORT - BUNGAMA 275KV LINE FORCE MA	JUERE NOT SPECIFIED	28/09/2016	15:48:00	29/09/2016	11:45:00	12.00	DAVENPORT - BUNGAMA 275KV LINE	N/A	-0.008663%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
S3		BRINKWORTH - DAVENPORT 275 KV FORCE MA	JUERE SYSTEM BLACK	28/09/2016	17:56:00	18/12/2016	14:08:00	1266.13	BRINKWORTH - DAVENPORT 275 KV LINE	N/A	-0.913991%	1.6 FORCE MAJUERE	IMPACTED DURING SYSTEM BLACK EVENT
\$3													
53													



ublic holidays 2016	No of weekdays in year (excl publ	ic holidays)
1/01/2016	1/01/2016 31/12/2016	251
26/01/2016		
14/03/2016	No of weekend days	
25/03/2016	1/01/2016 31/12/2016	115
26/03/2016		
28/03/2016	Availability Circuit Hours	985564.8
25/04/2016	Critical Circuit Avail - Peak Circ	72288
13/06/2016	Critical Circuit Avail - Non Peak	138528
3/10/2016		
26/12/2016	Capped Duration	336
27/12/2016	Capped Duration	120
	Capped Duration	216

ElectraNet - Proposed exclusions - Loss of supply events

	OF SUPPLY FREQUENCY	Event proposed for exclusion	Description of the event and its impact on the network and	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	Supporting Documentation
Name of a parameters	y loss of supply	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 discription of the cause of the event	Start date and t event	ime of	End date and tir	ne of event	Name of circuits or plant affected	The max system demand that occurred up until the time of the event	The (MW) demand shed and the duration it was shed for.	Impact of exclusion event on LOS Parameter	For deata or the reasons for occuping the 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	A TNSP may provide further details of an exclusion event. TNSP to provide reference.	
<u>84</u>		Event 3785	Other	On Statutdy 1 October 2016 at 1312, the Dawroport- Leigh Creek 132X U Line tripped whits SAPN were switching at Leigh Creek South. The is of the Leigh Creek line also caused loss of supply to the Preha line due the 132X bit ac configuration (both lines fed from TF 2 at Devergont Objropic Dam lost supply because at that time they were supplied via the 132X of a configuration (both lines fed from TF 2 at Devergont West, This configuration was part of an embegency arrangement to manage vialage control issues at Md Noth vice in the MD Noth vice applied through only one single 273X with all only one single 273X with a Object (both and the set of Devergont Object) Approximately 0.13MW of load vanis lost at Leigh Creek Coallello, 0.31MW of load vanis lost at Leigh Creek South and 0.15MW of load vanis lost at Neurootis for 108 minutes. Also, 0.01MW of load lost IR, This has resulted in a 0.05GM event lost at Works Configuration and explore Coallello, 0.31MW of load vanis lost at Leigh Creek South and 0.15MW of load vanis lost action and the structure of the structure of loss of the loss of the loss of loss of loss of the loss of the loss of	t 1/10/2016	13:12	1/10/2016	14:32	Pimba	3413	3.12 for 80mins	1	3.8 Force majeure	The supply configuration at Pimba to Olympic Dam was an abnormal emergency arrangement after the system black event to configuration, this event would not impact Olympic Dam supply. Hence Electrativel is seeking exclusion for the load loas at Pimba Idoat to Olympic Dam) from the calculation of system minutes loss and everage outget duration in this Event.	3785 Event, Investigation, Technical, Report.pdf Event log.pdf Pimba - Olympic Dam North 1329 Vice on load after system blackout.docx
fre	of supply events	Event 3775	Other	On Wednesday 28 September 2016 at 1548, Yadnarie - Port Lincoln Terminal 132V. Une Nipped during severe Bundrestom and tornado authentik an ersuit Port - Lincoln Ist supply. Supply was restored by unning Port - Lincoln CT1 24 at 1 under the direction of AEMO following yostem restart procedure. On 25 September 2016 at 022. Port Lincoln CT1 at 21 (pped during severe Bundrestom nad contado instability and SAPM 334 Mediest Biogen do Under-Frequency, CCT 31w as the manabuly hufdown at 00.64 bio the peany intelbibly, Restarts continued with CT3 only throughout the day with an inability to synchronise or hold load. SAPM stabiled UFI S at PL Lincoln to minimis instability and SAPM 334 Mediest Biogen do Under-Frequency, CCT3 was the manabuly hufdown at 00.64 bio the peany intelbibly, Restarts continued with CT3 only throughout the day with an inability to synchronise or hold load. SAPM stabiled UFI S at PL Lincoln to minimis mix of CT3 tripping. Multiple sensitive and a spreadure. Port Lincoln Terminal 132V Line was energised. On 27 September 2016 at 11.11, Port Lincoln all generators test no were successful as a precalution of externe weather predicted two days before the server thurdenstom and tornado cubrenks, Electrather to use successful as a precalution of externe weather predicted two days before the server thurdenstom and tornado cubrenks, Bercather there the section of this load of supply event by the reason force majoure acc. Test not all all the generators (CT) as a represention of externe variation cubrence match brando cubrenks was rear and undenseetable. Port Lincoln GT3 was still available to provide supply but for SAPN 33W 1464 tripping on under-frequency due to load variation. Pearler tipping on under-frequency due to load variation. Keep Automiserable. Port Lincoln GT4 was still available to provide supply but for SAPN 33W 14644 tripping on under-frequency due to load variation. Pearler tipping on under-freque	201002016	0.45	30.09/2016	20:30	Port Lincoln Terminal	3413	17 for 2825mins	1	3.8 Force majeure	On 27 Segmember 2016 at 11-11, Port Lucoid all generators test run were successful as a precaution of extreme weather predicted two dips before the sevene thurdenstamm and exclusion of extreme weather predicted reason force majeure as: Test run of all the generators (GT) as a presaultion of extreme weather predicted Simulaneoux thorging of GT1 and GT2 totowing the tripping of GT3 and GT2 totowing the tripping of GT3 and GT2 totowing and Simulaneous at an available to provide supply but for SAPN 324 theod provide supply and	28 Sept 2016 Forced Majoure Event.dxs, 3775 Event Investigation Technical Report.pdf ElectraNet's response to SIGSAR TEC for funging Port Lincoln Terminal.docs
fr	of supply event quency (>0.2 tem minutes)	Event 3775	Other	On Wednesday 28 Beptenber 2016 at 1568, Yakanare - Port Lucch Taminal 132V Line tipped during severe flunderstom and brancho outbreak as a result Port - Lucch lost supply. Supply was restanced by running Port - Lucch 157 2 and 3 under the direction of AEMO following matching and 32 Port Port - During Port - Lucch 157 2 and 3 under the direction of AEMO following matching and 32 Port Port - During Port - Lucch 157 2 and 3 under the direction of AEMO following matching and 32 Port Port Port - During Port - Lucch 157 2 and 3 under the direction of AEMO following matching and 32 Port Port Port - During Port - During Port - Lucch 157 2 and 3 under the direction of anothing the advance common with CFT or portuging port of the direction of the source of the direction of the source of the direction of the directio	29.09/2016	0.45	30.09/2016	20:30	Port Lincoln Terminal	3413	17 for 2055mins	1	3.8 Force majeure	On 27 September 2016 at 1111. Port Loop all generators test minutes successful at a procaution of extreme weather predicted two and tomado outbreak. Electrabel is seeking exclusion of this local supply event by the reason forces mejeure as. Test no al all begenators (GT) as a precaution of extreme weather predicted were carried out were carried out of GT and GT and GT 2 Simultaneous tripping of GT and GT 2 Simultaneous tripping of Morianis – Port Lincoh Terminal SIAV Line during severe thunderstorm and tornado outbreak was rare and unforeseable Port Lincoh Terminal SIAV Line during severe thunderstorm GT avail and available to local variation. Feeder tripping on under-frequency due to local variation during Port Lincoh terminal SIAV pendati meterentings of the above and absert negligence to the part of the NRV, would satisfy any reasonable definition of force mayers.	28 Sep 2016 Forced Majouro Event alco. 3775 Event Investigation Technical Report pdf ElectraNet's response to ISCOSA ETC Enquiry re Port Lincoln Terminal.docx
\$5 \$5 \$5															

lectraNet - Propo	sed exclusions -	Average outage d	uration											
AVERAGE OUTAGE DURATION	Event proposed for exclusion	Description of the event and its impact on the network and	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	Supporting Documentation
ame of any average outage iration 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 event	time of	End date and ti event	me of	Name of circuits or plant	affected	Impact of exclusion event on AOD Parameter	Impact of capped exclusion event on AOD parameter	Full details of the reason for excluding this event. Should include a reference to the defined exclusions and explain how it meets this exclusion definition (see Exclusion definition tab). Eg. Exclusion 1.2 Third party event	A TNSP may provide further details of an exclusion event. TNSP to provide reference.	
6	Event 3669	3rd Party	On 10 July 2016 at 2101, the Morgan - Whyalia Pump #2 132/3.3KV TF 4 tripped due to inadvertant trip sent by SA Water equipment. The pump station was not pumping at the time of the event. This event has been classified as third party and does not contribute to the PI Scheme	10/07/2016	21:01	10/07/2016	23:16	Morgan Whyalla #2		135.00	1	4.7 Pumping station supply interruptions	The pumping station was not pumping at the time of the event.	3669 Event_Investigation_Technical_Report.pdf
6	Event 3675	Storm/Wind	On Monday 11 July 2016 at 0718, the Mt Barker - Mobilong 132kV Line tripped after a storm passed through the line. Murray Bridge - Hahndorf Pump 2&3 were not pumping at the time of event. This event	11/07/2016	7:18	11/07/2016	10:23	Murray Bridge Hahndorf #2		185.00	1	4.7 Pumping station supply interruptions	The pumping station was not pumping at the time of the event.	
6	Event 3675	Storm/Wind	has caused 1.7MW lost at Back Callington and 0.6MW lost at Karmantoo for 3.08 hours resulting in a 0.07SM event.	11/07/2016	7:18	11/07/2016	10:23	Murray Bridge Hahndorf #3		185.00	1	4.7 Pumping station supply interruptions	The pumping station was not pumping at the time of the event.	3675 Event_Investigation_Technical_Report.pdf
6	Event 3703	3rd Party	On 06 August 2016 at 1848, the Morgan - Whyalla Pump #3 132/3.3kV TF3 tripped due to direct trip sent by SA Water when "D" Pump started. This even has been classified as third party and does not contribute to the PI Scheme.	6/08/2016	18:48	6/08/2016	19:25	Morgan Whyalla #3		37.00	1	5.3 3rd party outages	Direct trip sent by SA Water	3703 Event_Investigation_Technical_Report.pdf
6	Event 3705	3rd Party	On 06 August 2016 at 2018, the Morgan - Whyalla Pump #3 132/3.3kV TF3 tripped due to direct trip sent by SA Water caused by incorrect protection setting. This event has been classified as third party and does not contribute to the PI Scheme.	6/08/2016	20:18	6/08/2016	20:21	Morgan Whyalla #3		3.00	1	5.3 3rd party outages	Direct trip sent by SA Water	3705 Event_Investigation_Technical_Report.pdf
6 Average outage duration (minutes)	Event 3785	Other	On Saturday 1 October 2016 at 1312, the Daweport - Leigh Creek 132kV Line tripped whilet SAPN were awitching at Leigh Creek South. The loss of the Leigh Creek line also caused loss of supply tome Physical line use the 132kV bits configuration toget lines fair form TF2 at Daweport). Otympic Dam lost supply because at that time they were supplied via the 132kV at Pimba Instead of use the normal 252kV part at Ohympic Dam Vest. This configuration was part of an emergency arrangement to manage voltage control issues at Md North when the Md North was supplied through only one single 275kV circuit (The mar after the collaged of three 275kV circuits there Para and Daweport Subtation during the system blackout event on 28 September 2016. Approximately 0.13MV of load was tot at Leigh Creek Coalidied 0.31MW of load vias tot at Leigh Creek South and 0.13MW of load was tot at Leigh Creek Coalidie 40.31MW of load vias tot at Leigh Creek South and 0.13MW of load was tot at Leigh Creek Coalidie 40.31MW of load vias tot at Leigh Creek South and 0.13MW of load vias tot at Leigh Creek Coalidie 40.31MW of load vias tot at Leigh Creek South and 1.9MW of load vias tot at Leigh Creek Coalidie 40.31MW of load vias tot at Leigh Creek South and 2.9MW of load vias tot at Leigh Creek. This was resulted in a 0.06SM event. The supply configuration at Pimba to Ohympic Dam was an emergency arrangement after the system Liack event to manage voltage issues. With romain devek configuration, this event would not impact Olympic Dam supply. Hence Electratket is seeking soutcains for the load sout a Pimba (load to Ohympic Dam) from the calculation of system minutes loss and average outage duration in this Event.	1/10/2016	13:12	1/10/2016	14:32	Pimba		80.00	1	3.8 Force majeure	The supply configuration at Pimba to Olympic Dam was an abnormal emergency arrangement after the system black event to manage voltage issues. With normal network configuration, this event would not impact Olympic Dam supply. Hence Electrative is seeking exclusion for the load loss at Pimba (load to Olympic Dam) from the calculation of system minutes loss and average outage duration in this Event.	3785 Event_Investigation_Technical_Report.pdf Event log.pdf Pimba - Olympic Dam North 132V/ Line on load after system blackout.docx
6	Event 3873	3rd Party	On Friday 16 December 2016 at 0220, the 132/33V/TF1 at Middleback substation tripped due to suspected 33KV asset fault. This event has been classified as a 3rd Party event.	16/12/2016	2:20	16/12/2016	7:40	Middleback		320.00	1	5.3 3rd party outages	33kV asset fault	3873 Event_Investigation_Technical_Report.pdf
6	Event 3775	Other	On Wechesday 28 September 2016 at 1548, Yadnarie - Port Lincoh Tarminal 132W Line tripped during severe thunderstorm and tornado outbreak as a result Port - Lincoh Torminal 132W Line tripped sectored by running Port - Lincoh GT12 and 3 under the direction of AEMO following system restart procedure. On 29 September 2016 at 00.22, Port Lincoh GT1 and 2 tripped. GT3 was then inauduly inutation at 0.04 das to the specero triastibility and SAPN 33W feeders tripped on Under-frequency GT3 was then manually inutation at 0.04 das to the specero triastibility. Restarts continued with GT3 only through under and 0.04 das to the specero triastibility. Restarts continued with GT3 only through under at 0.02 opt Lincoh Ioad was restored to prid supply as Yadnarie - Port Lincoh Terminal 132W Line was nergized. On 30 September 2016 at 11:11, Port Lincoh all generators test run were successful as a procaution of external triastic to the specific terminal 132W Line was nergized. To 31 September 2016 at 11:11, Port Lincoh all generators test run were successful as a procaution of external tripped to the specific terminal 132W Line daring specific terminal 132W Line daring specific terminal 132W Line daring seven thunderstorm and tornado outbreak. Electrabet is seeking of GT1 and GT2 following the tripping of Yadnarie - Port Lincoh Terminal 132W Line during seven thunderstorm and tornado outbreak was rare and unforesceptible. Port Lincoh TS was still available to provide suppi of Yadnarie - Port Lincoh Terminal 132W Line during seven thunderstorm and tornado outbreak was rare and unforesceptible. Turcoh all standary was unmanageable nor controllable by TNSP operation intervention. Hiew of the above and abaert negligence on the part of the TNSP, would satisfy any reasonable definition of force majoure. Electrabet considers this to meet the criteria of a force majoure exert.	29/09/2016	0:45	30/09/2016	20:30	Port Lincoln Terminal		2625.00	1	3.8 Force majeure	On 27 September 2016 at 11:11, Pet- Lincoin all generations text run week successful as a precaution of entreme weather predicted two days before the severe thunderstorm and tornado outbreak. Externate is seeking exclusion of this loss of supply event by the reason force majeure as: Test run of all the generators (GT as a precaution of atterne weather predicted were carried out Simultaneous transme weather predicted precaution of atterne and unforeseeable Port Lincoln Firming on under transmeasion. Feeder tripping on under trequency due to load variation. during Port Lincoln islanding was unmanageable por Load variation during Port Lincoln islanding was unmangeable to load variation during Port Lincoln islanding was unmangeable to load variation during Port Lincoln islanding was unmangeable preasonable definition of troe mejeure. Electrates considers this oncet the criteria of a lorce majeure.	28 Sept 2015 Forced Majeure Event.viss, 3775 Event Investigation Technical Report, off ElectraNet's response to ESCOSA ETC Enquiry re Port Lincoln Terminal.docx

ElectraNet - S1 - Total transmission circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
al transmission circuit availat		99.02%	99.52%	99.68%	99.90%
Weighting		-0.30%	0.00%	0.30%	0.30%

Performance Formulae			Form	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.003000							Availability	<	99.02%	-0.003000	-0.003000
	=	0.600000	х	Availability	+	-0.597120	99.02%	≤	Availability	≤	99.52%	-0.005024	-0.000647
	=	1.875000	х	Availability	+	-1.866000	99.52%	≤	Availability	≤	99.68%	-0.015700	-0.002021
	=	0.003000					99.68%	<	Availability			0.003000	0.003000

Financial Incentive (Percentage of Annual Revenue)

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
al transmission circuit availat =	98.682678%	99.412236%
S-Factor =	-0.300000%	-0.064659%

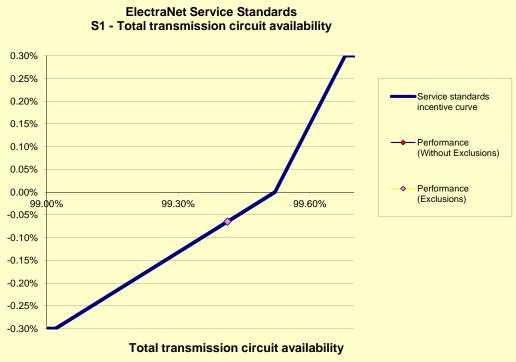
NOTE: This sheet will automatically update based on data in input sheets

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		97.36%	99.12%	99.96%	
Weighting		-0.10%	0.00%	0.10%	

Performance Formulae			Forr	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	-0.001000					When:		Availability	<	97.36%	-0.001000	-0.001000
	=	0.056818	х	Availability	+	-0.056318	97.36%	≤	Availability	≤	99.12%	-0.001305	-0.000115
	=	0.119048	х	Availability	+	-0.118000	99.12%	≤	Availability	≤	99.96%	-0.002734	-0.000241
	=	0.001000					99.96%	<	Availability			0.001000	0.001000

Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
ritical circuit availability – pe: =	96.823401%	98.917478%
S-Factor =	-0.100000%	-0.011507%

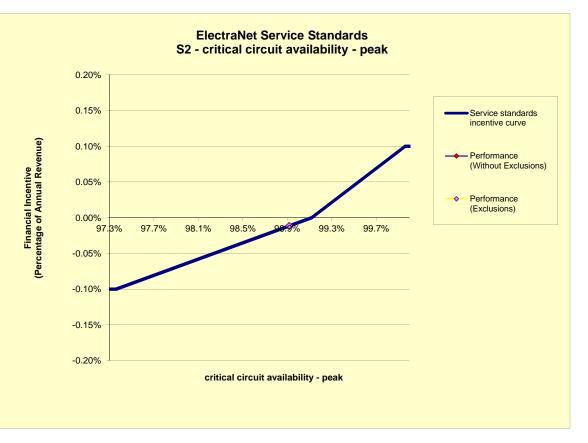
NOTE: This sheet will automatically update based on data in input sheets

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

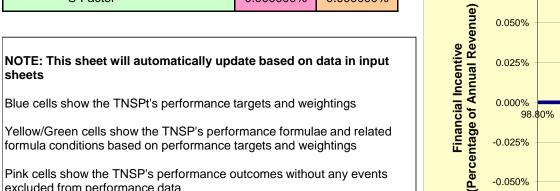


ElectraNet - S3 - Critical circuit availability - non-peak (zero weighting)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
cuit availability – non-peak (zero		98.25%	99.37%	99.87%	100.10%
Weighting		0.00%	0.00%	0.00%	0.00%

Performance Formulae			Forn	nulae					Conditions			S- Calc 1	S- Calc 2
Performance	=	0.000000					When:		Availability	<	98.25%	0.000000	0.000000
	=	0.000000	x	Availability	+	0.000000	98.25%	≤	Availability	≤	99.37%	0.000000	0.000000
	=	0.000000	х	Availability	+	0.000000	99.37%	≤	Availability	≤	99.87%	0.000000	0.000000
	=	0.000000					99.87%	<	Availability			0.000000	0.000000

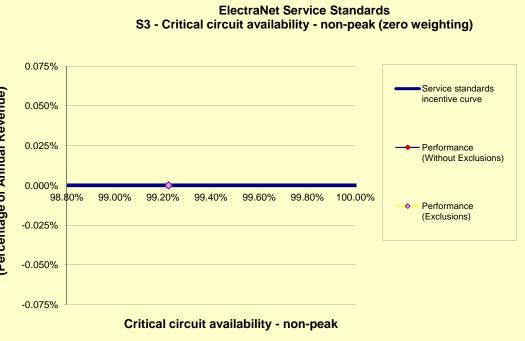
Performance Outcomes	Performance (Without Exclusions)	Performance (Exclusions)
cuit availability – non-peak (zero =	97.246020%	99.223322%
S-Factor =	0.000000%	0.000000%



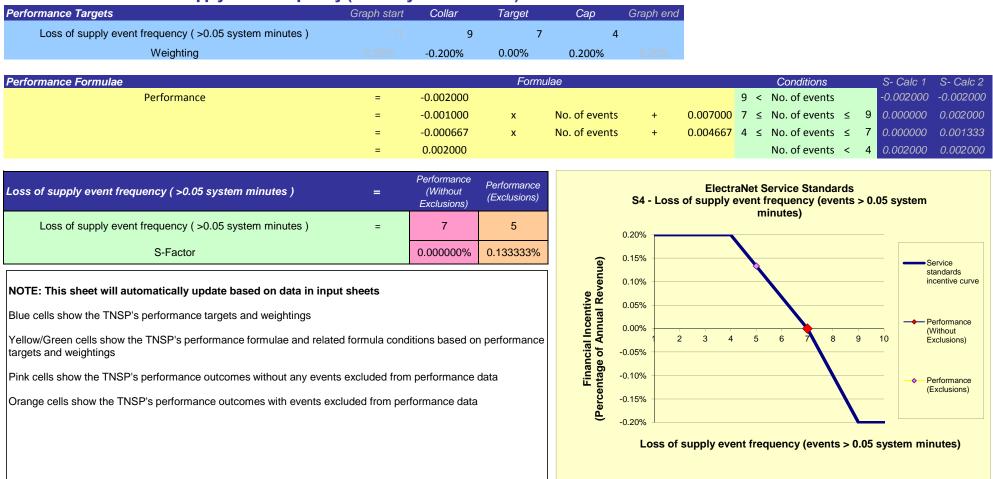
Pink cells show the TNSP's performance outcomes without any events excluded from performance data

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

sheets



ElectraNet - S4 - Loss of supply event frequency (>0.05 system minutes	ElectraNet - S4	- Loss of supply ev	vent frequency (>	>0.05 system minutes
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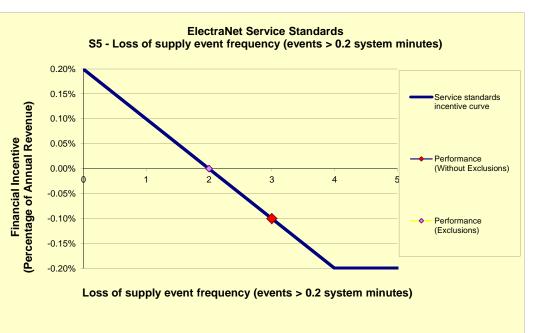
ElectraNet - S5 - Loss of supply event frequency (>0.2 system minutes)

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

Performance Formulae		Formulae			Conditions			S- Calc 1	S- Calc 2		
Performance	=	-0.002000					4	< No. of events		-0.002000	-0.002000
	=	-0.001000	х	No. of events	+	0.002000	2	\leq No. of events \leq	4	-0.001000	0.000000
	=	-0.001000	х	No. of events	+	0.002000	0	\leq No. of events \leq	2	-0.001000	0.000000
	=	0.002000						No. of events =	0	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)	=	3	2
S-Factor		-0.100000%	0.000000%

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



ElectraNet - S6 - Average outage duration (minutes)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration (minutes)		323	203	83	
Weighting		-0.200%	0.00%	0.200%	

Performance Formulae	Formulae						Conditions			S- Calc 1 S- Calc 2	
Performance	=	-0.002000					323	< Duration			-0.002000 -0.002000
	=	-0.000017	х	Duration	+	0.003387	203	≤ Duration	≤	323	-0.001514 -0.000790
	=	-0.000017	х	Duration	+	0.003387	83	< Duration	≤	203	-0.001514 -0.000790
	=	0.002000						Duration	<	83	0.002000 0.002000

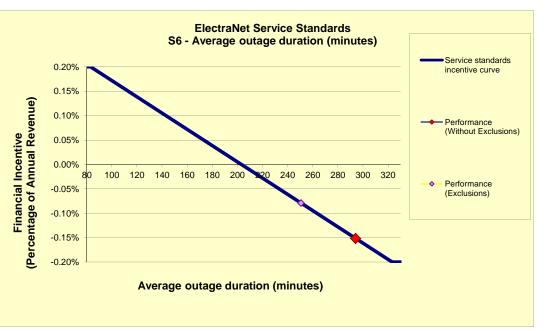
Average outage duration (minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration (minutes)	=	294.055556	250.571429
S-Factor		-0.151426%	-0.078952%

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)	\$284,000,000	
Base year	2013–14	
X-factor	-2.68%	-3.20%
Commencement of regulatory		
period	1-Jul-13	

Annual revenue adjusted for						
CPI	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17	Mar-18
СРІ	102.4	105.4	106.8	108.2	-	-

Nominal annual revenue	2013-14	2014-15	2015-16	2016-17	2017-18
Allowed Revenue	\$284,000,000	\$300,154,499	\$313,881,394	\$328,179,656	

Calendar year revenue	2H 2013	2014	2015	2016	2017	2018
Revenue	\$142,000,000	\$292,077,249	\$307,017,947	\$321,030,525		

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\$321,030,525

s	Performance parameter	Target	Performance without exclusions			Performance with exclusions			Impact of
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	exclusions
S1	Total transmission circuit availability	99.52%	98.682678%	-0.300000%	-\$963,092	99.412236%	-0.064659%	-\$207,574	0.235341%
S2	Critical circuit availability – peak	99.12%	96.823401%	-0.100000%	-\$321,031	98.917478%	-0.011507%	-\$36,941	0.088493%
S3	Critical circuit availability – non-peak (zero weighting)	99.37%	97.246020%	0.00000%	\$0	99.223322%	0.00000%	\$0	0.000000%
S4	Loss of supply event frequency (>0.05 system minutes)	7	7	0.00000%	\$0	5	0.133333%	\$428,041	0.133333%
S5	Loss of supply event frequency (>0.2 system minutes)	2	3	-0.100000%	-\$321,031	2	0.00000%	\$0	0.100000%
S6	Average outage duration (minutes)	203.2	294	-0.151426%	-\$486,123	251	-0.078952%	-\$253,461	0.072474%
	TOTALS			-0.651426%	-\$2,091,276		-0.021785%	-\$69,935	0.629641%

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	-0.021785%
Financial Incentive	-\$69,935
Financial year affected by financial incentive	2017/18