

TEMPLATE EXPLANATION



This template must be used by SP AusNet to report service performance information for the 2009 calendar year.

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

Purple worksheets **'S1' to 'S9'** 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 SP AusNet's performance in 'Inputs-Performance' and 'Revenue Calculation' worksheets.

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

SP AUSNET - SERVICE STANDARDS PERFORMANCE

<i>Performance parameter</i>	<i>S</i>	<i>Performance (Without exclusions)</i>	<i>Performance (With exclusions)</i>
Total circuit availability	S1	98.986447%	99.023721%
Peak critical availability	S2	99.752982%	99.846423%
Peak non-critical availability	S3	99.836548%	99.942060%
Intermediate critical availability	S4	99.056260%	99.057032%
Intermediate non-critical availability	S5	98.422733%	98.966483%
Loss of supply event frequency (no. of events > 0.05 system minutes per annum)	S6	6	6
Loss of supply event frequency (no. of events > 0.3 system minutes per annum)	S7	2	2
Average outage duration– transformers (minutes)	S8	177	177
Average outage duration– transformers (minutes)	S9	395	395

Date prepared:	29 January 2010
Revision date:	

NOTES:

Pink cells- Input performance without exclusions from performance data

Orange cells- Input performance with exclusions from performance data

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

Performance should be measured on a calendar year basis

SP AUSNET - Proposed exclusions

CIRCUIT AVAILABILITY	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date	Start time	End date	End time	Circuits affected	Reactive plant or transformer	Quantitative impact		Reasons for exclusion request	Further references
Name of any circuit availability parameters applying to SP AusNet	Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP assets damaged or interrupted.	A description of the cause of the event	Start date and time of event		End date and time of event		Name of circuits affected	Name of any reactive plant or transformer affected	Number of hours, mins etc interrupted		Full details of the reason/s for excluding this event. Should include a reference to the defined exclusion 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.
	Erect new B1 Trans at SMTS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	1/01/09	00:00:00	31/01/09	23:59:59		B1 220/66KV TRANS AT SMTS	744.000		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300287
	APD reactor switching	Outage requested by APDALCOA	APDALCOA	6/01/09	09:10:00	6/01/09	09:12:00	HYTS-APD 2 500KV W		0.033		EXCLUDE 1.3 Third party outage	WO # 10299431
	O/HAUL Transformer without div sw		SPIMAIN	7/01/09	06:40:00	7/01/09	16:20:00		L1 220/22KV TRANS AT BTS	9.667		EXCLUDE 1.2 Connection asset	WO # 10294133
	O/HAUL Transformer without Div Sw (W)		SPIMAIN	8/01/09	06:31:00	8/01/09	15:20:00		L2 220/22KV TRANS AT BTS	8.817		EXCLUDE 1.2 Connection asset	WO # 10294136
	O/HAUL Transformer without Div Sw (W)		SPIMAIN	9/01/09	06:59:00	9/01/09	16:25:00		L3 220/22KV TRANS AT BTS	9.433		EXCLUDE 1.2 Connection asset	WO # 10294139
	Perf calc W/O B2 Trans during No1 220kV Bus outage	Z662 - (BOGONG PS) PLANNING ESTIMATE	VEN_AUG	10/01/09	06:02:00	10/01/09	18:28:00		B2 220/66KV TRANS AT MBTS	12.433		EXCLUDE 1.2 Connection asset	WO # Z56258A9
	Rebate W/O 2A Cap bk during CB outage		SPIMAIN	10/01/09	06:21:00	10/01/09	20:41:00		NO.2A 66KV CAPACITOR BANK AT BETS	14.333		EXCLUDE 1.1 Unregulated transmission asset	WO # 10297638
	BTS: L2 220/22KV Transf trip on inrush		FAULT	10/01/09	14:28:00	10/01/09	17:21:00		L2 220/22KV TRANS AT BTS	2.883		EXCLUDE 1.2 Connection asset	WO # 10299659
	Out W/O No2 220 kV Cap bank prot setting change	V775 - ROUTINE PROTECTION & CONTROL DEVICE SETTING AND CONF	SPIMAIN	11/01/09	09:43:00	11/01/09	20:37:00		NO.2 220KV CAPACITOR BANK AT MLTS	10.900		EXCLUDE 1.1 Unregulated transmission asset	WO # V77558C7
	O/HAUL Transformer Div Mechanism (W)		SPIMAIN	12/01/09	06:30:00	12/01/09	15:51:00		B4 220/66KV TRANS AT ATS	9.350		EXCLUDE 1.1 Unregulated transmission asset	WO # 10294763
	O/HAUL Transformer Div Mechanism (W)		SPIMAIN	13/01/09	06:40:00	13/01/09	15:32:00		B4 220/66KV TRANS AT ATS	8.867		EXCLUDE 1.1 Unregulated transmission asset	WO # 10294763
	Fault associated with No 2 Trans		FAULT	14/01/09	17:40:00	14/01/09	21:07:00		NO.2 330/66/22KV TRANS AT WOTS	3.450		EXCLUDE 1.2 Connection asset	WO # 10299633
	Perf calc W/O B1 Trans during #1 66 bus outage		SPIMAIN	17/01/09	16:41:00	17/01/09	17:17:00		R1 220/66/22KV TRANS AT KGTS	0.600		EXCLUDE 1.2 Connection asset	WO # 10298758
	Perf calc W/O No3 Trans during #2 66 bus outage		SPIMAIN	18/01/09	17:37:00	18/01/09	17:51:00		R3 220/66/22KV TRANS AT KGTS	0.233		EXCLUDE 1.2 Connection asset	WO # 10298792
	Reactor Switching for NEMMCO	Outage requested by NEMMCO	SW_NEM	19/01/09	07:32:00	19/01/09	07:41:00	HYTS-APD 1 500KV W		0.150		EXCLUDE 1.5 Switching to control voltages	WO # 10299606
	Reactor Switching for NEMMCO	Outage requested by NEMMCO	SW_NEM	19/01/09	07:52:00	19/01/09	08:08:00	HYTS-APD 2 500KV W		0.267		EXCLUDE 1.5 Switching to control voltages	WO # 10299607
	settings checking of cb	V8B7 - ABB EDF CB ADJUSTMENT	SPIMAIN	21/01/09	07:05:00	25/01/09	10:41:00		NO.1 22KV CAPACITOR BANK AT RWTS	99.600		EXCLUDE 1.2 Connection asset	WO # V8B758A3
	De-Energised For APD at their request	Outage requested by APDALCOA	APDALCOA	21/01/09	12:00:00	21/01/09	12:35:00	APD NO.1 500KV LINE AT HYTS		0.583		EXCLUDE 1.3 Third party outage	WO # 10299880
	Perf calc W/O B4 Trans during No2 220K Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	24/01/09	06:00:00	24/01/09	18:36:00		B4 220/66KV TRANS AT GTS	12.600		EXCLUDE 1.2 Connection asset	WO # X50858L9
	Out W/O Install future B3 Trans equipment	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	24/01/09	18:55:00	31/01/09	23:59:59		B3 220/66KV TRANS AT GTS	173.083		EXCLUDE 1.2 Connection asset	WO # X50858M2
	Perf calc W/O B3 Trans during #3 66 bus outage		SPIMAIN	24/01/09	19:50:00	24/01/09	20:02:00		B3 220/66KV TRANS AT SHTS	0.200		EXCLUDE 1.2 Connection asset	WO # 10298808
	settings checking of cb	V8B7 - ABB EDF CB ADJUSTMENT	SPIMAIN	28/01/09	06:33:00	31/01/09	23:59:59		NO.2 22KV CAPACITOR BANK AT RWTS	89.450		EXCLUDE 1.2 Connection asset	WO # V8B758A2
	NEMMCO requested HWPS-YPS No1 220kV Line off load	Outage requested by NEMMCO	SW_NEM	29/01/09	08:40:00	29/01/09	09:06:00	YPS NO.1 220KV LINE AT HWPS		0.433		EXCLUDE 1.5 Switching to control voltages	WO # 10300152

Erect new B1 Trans at SMTS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	1/02/09	00:00:00	28/02/09	23:59:59		B1 220/66KV TRANS AT SMTS	672.000		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300287
settings checking of cb	V8B7 - ABB EDF CB ADJUSTMENT	SPIMAIN	1/02/09	00:00:00	15/02/09	10:42:00		NO.2 22KV CAPACITOR BANK AT RWTS	346.700		EXCLUDE 1.2 Connection asset	WO # V8B758A2
Out W/O Install future B3 Trans equipment	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	1/02/09	00:00:00	20/02/09	05:51:00		B3 220/66KV TRANS AT GTS	461.850		EXCLUDE 1.2 Connection asset	WO # X50858M2
SMTS: Trip B3 Trans 66kV CB de-energises 66kV Bus		FAULT	4/02/09	15:30:00	4/02/09	15:58:00		COUNTRY SPARE 150MVA TRANS AT SMTS (O.O.S.)	0.467		EXCLUDE 1.2 Connection asset	WO # 10300674
B1 220/66KV TRANS AT TTS		FAULT	4/02/09	16:32:00	19/02/09	07:30:00		EX - B1 220/66KV TRANS AT TTS	350.967		EXCLUDE 1.2 Connection asset	WO # 10300397
SF6 Top up Transf 66KV CB		FORCED	5/02/09	08:22:00	5/02/09	09:57:00		B1 220/66KV TRANS AT CBTS	1.583		EXCLUDE 1.2 Connection asset	WO # 10300595
Bushfires in Bunyip State Forrest at Labatouche		BUSHFIRE	7/02/09	16:35:00	8/02/09	15:18:00	SMTS NO.1 500KV LINE AT HWTS		22.717		EXCLUDE 1.4 Force majeure	WO # 10300480
Kinglake Bushfires EPS-TTS 220kV Line Trip		BUSHFIRE	7/02/09	17:16:00	11/02/09	09:23:00	EPS -TTS 2 220KV N		88.117		EXCLUDE 1.4 Force majeure	WO # 10300485
Kinglake Bushfires Failure of T493 at Strathewen		BUSHFIRE	7/02/09	17:19:00	12/02/09	17:08:00	DDTS-SMTS 1 330KV		119.817		EXCLUDE 1.4 Force majeure	WO # 10300481
Kinglake Bushfires Failure of T493 at Strathewen		BUSHFIRE	7/02/09	17:22:00	7/02/09	17:25:00	SMTS NO.2 330KV LINE AT DDTS		0.050		EXCLUDE 1.4 Force majeure	WO # 10300482
Kinglake Bushfires Failure of T493 at Strathewen		BUSHFIRE	7/02/09	17:27:00	10/02/09	21:30:00	SMTS NO.2 330KV LINE AT DDTS		76.050		EXCLUDE 1.4 Force majeure	WO # 10300483
Trans Off-Loaded - Loss of DDTS-GNTS Nos 1 & 3 Line		FAULT	8/02/09	00:41:00	8/02/09	12:24:00		B1 220/66KV TRANS GROUP AT GNTS	11.717		EXCLUDE 1.2 Connection asset	WO # 10300500
Trip due to Bushfires in Myrtleford area		BUSHFIRE	8/02/09	00:41:00	8/02/09	12:24:00	DDTS-GNTS 1 220KV NW		11.717		EXCLUDE 1.4 Force majeure	WO # 10300501
Trip due to Bushfire in Myrtleford area		BUSHFIRE	8/02/09	00:41:00	8/02/09	12:26:00	DDTS-GNTS 3 220KV NW		11.750		EXCLUDE 1.4 Force majeure	WO # 10300502
NEMMCO requested EPS-MBTS No1 220KV Line off load	Outage requested by NEMMCO	SW_NEM	9/02/09	01:44:00	11/02/09	19:36:00	MBTS NO.1 220KV LINE AT EPSY		65.867		EXCLUDE 1.5 Switching to control voltages	WO # 10300511
Tertiary Bushing failure B4 220/66KV Trans at ATS		FAULT	9/02/09	06:53:00	26/02/09	14:47:00		B4 220/66KV TRANS AT ATS	415.900		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300515
Repair Pump		SPIMAIN	10/02/09	08:30:00	10/02/09	14:25:00		B2 220/66KV TRANS AT HTS	5.917		EXCLUDE 1.2 Connection asset	WO # 10299883
Tripping of No4 220kV Bus		FAULT	11/02/09	08:10:00	11/02/09	08:50:00		B4 220/66KV TRANS AT FBTS	0.667		EXCLUDE 1.2 Connection asset	WO # 10300648
Kinglake Bushfires Rebuild of T493 at Strathewen		BUSHFIRE	12/02/09	09:31:00	12/02/09	16:15:00	DDTS NO.2 330KV LINE AT SMTS		6.733		EXCLUDE 1.4 Force majeure	WO # 10300597
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	13/02/09	00:36:00	13/02/09	02:20:00		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	1.733		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300697
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	13/02/09	06:26:00	28/02/09	23:59:59		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	377.567		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300735
No 3 220/22kv trans	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	15/02/09	06:56:00	15/02/09	18:59:00		L3 220/22KV TRANS BANK AT RWTS	12.050		EXCLUDE 1.2 Connection asset	WO # Z51358CB
Outage of B1 Trans at CBTS for CB SF6 top up		FORCED	16/02/09	09:42:00	16/02/09	09:50:00		B1 220/66KV TRANS AT CBTS	0.133		EXCLUDE 1.2 Connection asset	WO # 10300826
replace 66kv trans surge diverters	X7F8 - REPLACE AGEING 66KV - 330KV SURGE RESISTRS	SPICAPX	17/02/09	07:11:00	17/02/09	16:35:00		B3A 220/66KV TRANS BANK AT BLTS	9.400		EXCLUDE 1.2 Connection asset	WO # X7F858G1

replace 66kv surge diverters at the rack structure	X7F8 - REPLACE AGEING 66KV - 330KV SURGE RESISTRS	SPICAPX	18/02/09	07:02:00	18/02/09	16:31:00		B3A 220/66KV TRANS BANK AT BLTS	9.483		EXCLUDE 1.2 Connection asset	WO # X7F858G2
SCAP to PTH	Outage requested by APDALCOA	APDALCOA	18/02/09	08:24:00	18/02/09	14:09:00	GTS -PTH 1 220KV WY		5.750		EXCLUDE 1.3 Third party outage	WO # 10299993
disconnect trans from all sources of supply	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	19/02/09	07:30:00	20/02/09	08:43:47		EX - B1 220/66KV TRANS AT TTS	25.230		EXCLUDE 1.2 Connection asset	WO # V91058A1
Install and commission future B2 Trans and equip	Z645 - (WBTS) WAUBRA WIND FARM GRID CONNECTION	VEN_AUG	19/02/09	13:42:00	28/02/09	23:59:59		B2 220/66KV TRANS AT WBTS	226.300		EXCLUDE 1.1 Unregulated transmission asset	WO # Z64558C6
DPS 220kv Line de-energised for P/Stn	Outage requested by STHHYDRO	STHHYDRO	19/02/09	17:47:00	20/02/09	11:36:00	DPS -MBTS 220KV NW		17.817		EXCLUDE 1.3 Third party outage	WO # 10301698
Out W/O B3 Trans - Install future equipment	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	20/02/09	06:20:00	21/02/09	05:30:00		B3 220/66KV TRANS AT GTS	23.167		EXCLUDE 1.2 Connection asset	WO # X50858M0
Maintain Isolations on out of Commission B1 Trans	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	20/02/09	08:44:25	28/02/09	23:59:59		EX - B1 220/66KV TRANS AT TTS	207.260		EXCLUDE 1.2 Connection asset	WO # V91058A2
Perf Calc B3 Trans during No1 220 Bus outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	21/02/09	05:30:00	21/02/09	18:49:00		B3 220/66KV TRANS AT GTS	13.317		EXCLUDE 1.2 Connection asset	WO # 10298566
No 3 220/22kv trans	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	21/02/09	07:01:00	21/02/09	17:00:00		L3 220/22KV TRANS BANK AT RWTS	9.983		EXCLUDE 1.2 Connection asset	WO # Z51358CD
Perf calc W/O B1 Trans during #1 66 bus outage		SPIMAIN	21/02/09	17:14:00	21/02/09	17:25:00		B1 220/66KV TRANS AT TGTS	0.183		EXCLUDE 1.2 Connection asset	WO # 10298754
HVS B3 Trans	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	21/02/09	18:49:00	22/02/09	06:00:00		B3 220/66KV TRANS AT GTS	11.183		EXCLUDE 1.2 Connection asset	WO # 10300903
Perf Calc for B3 Trans during No1 220kv Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	22/02/09	06:00:00	22/02/09	17:11:00		B3 220/66KV TRANS AT GTS	11.183		EXCLUDE 1.2 Connection asset	WO # X50858N1
GNTS No1Trans bk 220kv & 330kv S/D replacement	X7F8 - REPLACE AGEING 66KV - 330KV SURGE RESISTRS	SPICAPX	24/02/09	06:28:00	26/02/09	16:38:00		B1 220/66KV TRANS GROUP AT GNTS	58.167		EXCLUDE 1.2 Connection asset	WO # X7F858G3
Rebate Tran for CB outage		SPIMAIN	24/02/09	08:54:00	24/02/09	09:39:00		B1 220/66KV TRANS AT CBTS	0.750		EXCLUDE 1.2 Connection asset	WO # 10301029
condition monitoring tests		SPIMAIN	25/02/09	21:45:00	26/02/09	02:37:00		B2 220/66KV TRANS AT TTS	4.867		EXCLUDE 1.2 Connection asset	WO # 10301105
B4 Transf Off Load due to Loss of No4 66kv Bus		FAULT	26/02/09	11:07:00	26/02/09	11:31:00		B4 220/66KV TRANS AT GTS	0.400		EXCLUDE 1.2 Connection asset	WO # 10301153
replace repaired fan		SPIMAIN	27/02/09	07:00:00	27/02/09	10:34:00		B3 220/66KV TRANS AT FBTS	3.567		EXCLUDE 1.2 Connection asset	WO # 10300880
Rebate WO B3 Trans during No3 Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	28/02/09	06:05:00	28/02/09	17:04:00		B3 220/66KV TRANS AT GTS	10.983		EXCLUDE 1.2 Connection asset	WO # X50858O9
No 3 220/22kv trans	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	28/02/09	06:59:00	28/02/09	19:56:00		L3 220/22KV TRANS BANK AT RWTS	12.950		EXCLUDE 1.2 Connection asset	WO # Z51358CE
Erect new B1 Trans at SMTS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	1/03/09	00:00:00	17/03/09	08:50:00		B1 220/66KV TRANS AT SMTS	392.833		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300287
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	1/03/09	00:00:00	31/03/09	23:59:59		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	744.000		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300735
Maintain Isolations on out of Commission B1 Trans	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	1/03/09	00:00:00	31/03/09	15:00:00		EX - B1 220/66KV TRANS AT TTS	735.000		EXCLUDE 1.2 Connection asset	WO # V91058A2
Install and commission future B2 Trans and equip	Z645 - (WBTS) WAUBRA WIND FARM GRID CONNECTION	VEN_AUG	1/03/09	00:00:00	31/03/09	23:59:59		B2 220/66KV TRANS AT WBTS	744.000		EXCLUDE 1.1 Unregulated transmission asset	WO # Z64558C6
Rebate W/O B4 Trans during No2 220kv Bus outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	1/03/09	06:07:00	1/03/09	18:31:00		B4 220/66KV TRANS AT GTS	12.400		EXCLUDE 1.2 Connection asset	WO # X50858P4
replace repaired fan & remove noisy one		SPIMAIN	3/03/09	07:12:00	3/03/09	15:46:00		B2 220/66KV TRANS AT KTS	8.567		EXCLUDE 1.2 Connection asset	WO # 10301013

REPAIR OIL LEAKS		SPIMAIN	3/03/09	08:00:00	6/03/09	14:23:00		B2 220/66KV TRANS AT RWTS	78.383		EXCLUDE 1.2 Connection asset	WO # 10299466
Rem Trip from GENCO for SD failure at JLGS P/Str	Outage requested by GENCO	REM_TRIP	3/03/09	23:38:00	4/03/09	02:24:00	HWPS-JLTS 2 220KV G		2.767		EXCLUDE 1.3 Third party outage	WO # 10301364
WBTS B1 Trans Tripped unregulated		FAULT	4/03/09	22:54:00	4/03/09	23:30:00		B1 220/66KV TRANS AT WBTS	0.600		EXCLUDE 1.1 Unregulated transmission asset	WO # 10301453
Insul Flashover HWTS due Black Rain from Bushfires		BUSHFIRE	4/03/09	22:54:00	5/03/09	21:55:00	LYPS NO.1 500KV LINE AT HWTS		23.017		EXCLUDE 1.4 Force majeure	WO # 10301455
SF6 Top up Transf 66KV CB		FORCED	5/03/09	07:30:00	5/03/09	11:23:00		B1 220/66KV TRANS AT CBTS	3.883		EXCLUDE 1.2 Connection asset	WO # 10301284
GNTS No2 Trans 220kv & 66kv S/D replacement	X7F8 - REPLACE AGEING 66KV - 330KV SURGE RESISTRS	SPICAPX	11/03/09	06:45:00	13/03/09	14:50:00		B2 220/66KV TRANS AT GNTS	56.083		EXCLUDE 1.2 Connection asset	WO # X7F858G5
O/Haul Divetor Switch up on operational points		SPIMAIN	11/03/09	07:05:00	11/03/09	14:17:00		U1 66/22KV TRANS AT RWTS	7.200		EXCLUDE 1.2 Connection asset	WO # 10301144
No1 Trans grp de-energ to run through OLTTC range		SPIMAIN	11/03/09	14:33:00	11/03/09	17:36:00		R1 220/66/22KV TRANS GROUP AT RCTS	3.050		EXCLUDE 1.2 Connection asset	WO # 10301121
O/HAUL Transformer without Div Sw (W)		SPIMAIN	12/03/09	06:40:00	12/03/09	15:26:00		B2 220/66KV TRANS AT ATS	8.767		EXCLUDE 1.2 Connection asset	WO # 10288148
O/HAUL Transformer without Div Sw (W)		SPIMAIN	13/03/09	06:56:00	13/03/09	17:17:00		B1 220/66KV TRANS BANK AT BLTS	10.350		EXCLUDE 1.2 Connection asset	WO # 10289461
Reactor Switching for NEMMCO	Outage requested by NEMMCO	SW_NEM	13/03/09	07:30:00	13/03/09	07:36:00	MLTS-HYTS 1 500KV W		0.100		EXCLUDE 1.5 Switching to control voltages	WO # 10301695
Reactor Switching for NEMMCO	Outage requested by NEMMCO	SW_NEM	13/03/09	07:40:00	13/03/09	07:45:00	MLTS-HYTS 2 500KV W		0.083		EXCLUDE 1.5 Switching to control voltages	WO # 10301697
No1 Trans grp de-energ to run through OLTTC range		SPIMAIN	13/03/09	09:01:00	13/03/09	10:20:00		R1 220/66/22KV TRANS GROUP AT RCTS	1.317		EXCLUDE 1.2 Connection asset	WO # 10301810
SF6 Top up Transf 66KV CB		FORCED	13/03/09	09:09:00	13/03/09	10:10:00		B1 220/66KV TRANS AT CBTS	1.017		EXCLUDE 1.2 Connection asset	WO # 10301768
No 2 220/22kv trans	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	14/03/09	07:05:00	14/03/09	21:32:00		L2 220/22KV TRANS BANK AT RWTS	14.450		EXCLUDE 1.2 Connection asset	WO # Z51358CC
Connect 220 & 66KV connections to Fut B1 Trans	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	17/03/09	08:50:00	25/03/09	12:03:00		B1 220/66KV TRANS AT SMTS	195.217		EXCLUDE 1.1 Unregulated transmission asset	WO # Z73058H8
HVS: APD-HYTS 1 Line outage for APD	Outage requested by APDALCOA	APDALCOA	18/03/09	07:49:00	18/03/09	08:20:00	APD NO.1 500KV LINE AT HYTS		0.517		EXCLUDE 1.3 Third party outage	WO # 10301856
HVS: APD-HYTS 2 Line outage for APD	Outage requested by APDALCOA	APDALCOA	19/03/09	07:58:00	19/03/09	08:20:00	APD NO.2 500KV LINE AT HYTS		0.367		EXCLUDE 1.3 Third party outage	WO # 10301861
SF6 Top Up Transf 66KV CB		FORCED	20/03/09	08:09:00	20/03/09	09:00:00		B1 220/66KV TRANS AT CBTS	0.850		EXCLUDE 1.2 Connection asset	WO # 10301992
O/HAUL Transformer Div Mechanism (W)		SPIMAIN	22/03/09	11:16:00	22/03/09	14:42:00		L1 220/22KV TRANS AT WMTS	3.433		EXCLUDE 1.2 Connection asset	WO # 10249102
Out W/O No1 Trans de energ for 220 Bus prot works		SPIMAIN	23/03/09	13:34:00	23/03/09	20:12:00		B1 220/66KV TRANS AT BATS	6.633		EXCLUDE 1.2 Connection asset	WO # 10302022
Out W/O No1 Trans de energ for 220 Bus prot works		SPIMAIN	24/03/09	10:00:00	24/03/09	11:10:00		B1 220/66KV TRANS AT BATS	1.167		EXCLUDE 1.2 Connection asset	WO # 10302022
Perf calc W/O B1 Trans during isol repair		SPIMAIN	26/03/09	07:04:00	26/03/09	12:09:00		B1 220/66KV TRANS (HOT SPARE) AT MBTS	5.083		EXCLUDE 1.2 Connection asset	WO # 10301694
Perf calc W/O B2 Trans during isol repair		SPIMAIN	26/03/09	07:04:00	26/03/09	12:09:00		B2 220/66KV TRANS AT MBTS	5.083		EXCLUDE 1.2 Connection asset	WO # 10301696
O/HAUL Transformer Div Mechanism (EH)		SPIMAIN	26/03/09	07:44:00	26/03/09	14:28:00		B1 220/66KV TRANS AT MWTS	6.733		EXCLUDE 1.2 Connection asset	WO # 10268991

Perf calc W/O #2 Tran during No1 220kV BUS de-ener		SPIMAIN	26/03/09	08:44:00	26/03/09	17:08:00		B1 220/66KV TRANS AT BATS	8.400		EXCLUDE 1.2 Connection asset	WO # 10301973
O/HAUL Transformer Div Mechanism (EH)		SPIMAIN	27/03/09	08:03:00	27/03/09	15:05:00		B2 220/66KV TRANS AT MWTS	7.033		EXCLUDE 1.2 Connection asset	WO # 10268993
Rebate W/O B3 Trans during No3 66kv Bus outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	28/03/09	06:39:00	28/03/09	17:07:00		B3 220/66KV TRANS AT GTS	10.467		EXCLUDE 1.2 Connection asset	WO # X50858S9
SF6 Top Up Replace CB Bushing		FORCED	28/03/09	06:57:00	28/03/09	14:45:00		B1 220/66KV TRANS AT CBTS	7.800		EXCLUDE 1.2 Connection asset	WO # 10301983
Rebate W/O B4 Trans during No2 220kv Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	29/03/09	06:31:00	29/03/09	16:31:00		B4 220/66KV TRANS AT GTS	10.000		EXCLUDE 1.2 Connection asset	WO # X50858V0
Rebate Trans for Bus Outage		SPIMAIN	29/03/09	07:34:00	29/03/09	11:27:00		B1 220/66KV TRANS AT ERTS	3.883		EXCLUDE 1.2 Connection asset	WO # 10300709
Rebate Trans for Bus Outage		SPIMAIN	29/03/09	11:35:00	29/03/09	13:55:00		B3 220/66KV TRANS AT ERTS	2.333		EXCLUDE 1.2 Connection asset	WO # 10300707
Outage for APD	Outage requested by APDALCOA	APDALCOA	30/03/09	07:45:00	30/03/09	16:28:00	HYTS-APD 1 500KV W		8.717		EXCLUDE 1.3 Third party outage	WO # 10302231
Perf calc W/O B2 Trans during 220kV CB gas top up		SPIMAIN	31/03/09	12:37:00	31/03/09	12:58:00		B2 220/66KV TRANS AT HOTS	0.350		EXCLUDE 1.2 Connection asset	WO # 10302355
Replacement of failed B1 transformer	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	31/03/09	15:00:00	31/03/09	23:59:59		EX - B1 220/66KV TRANS AT TTS	9.000		EXCLUDE 1.2 Connection asset	WO # V91058A4
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	1/04/09	00:00:00	30/04/09	23:59:59		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	720.000		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300735
Replacement of failed B1 transformer	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	1/04/09	00:00:00	6/04/09	15:30:00		EX - B1 220/66KV TRANS AT TTS	135.500		EXCLUDE 1.2 Connection asset	WO # V91058A4
Install and commission future B2 Trans and equip	Z645 - (WBTS) WAUBRA WIND FARM GRID CONNECTION	VEN_AUG	1/04/09	00:00:00	8/04/09	14:43:00		B2 220/66KV TRANS AT WBTS	182.717		EXCLUDE 1.1 Unregulated transmission asset	WO # Z64558C6
APD No1 Line De_Energised for APD	Outage requested by APDALCOA	APDALCOA	1/04/09	07:57:00	1/04/09	15:36:00	APD NO.1 500KV LINE AT HYTS		7.650		EXCLUDE 1.3 Third party outage	WO # 10302406
No1 Trans oil Leak at lid rear of trans		SPIMAIN	3/04/09	07:08:00	3/04/09	14:36:00		B1 220/66KV TRANS AT BATS	7.467		EXCLUDE 1.2 Connection asset	WO # 10285831
hi pot 11kv cable	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	3/04/09	08:55:00	3/04/09	09:40:00		B1 220/66KV TRANS AT TTS	0.750		EXCLUDE 1.2 Connection asset	WO # V91058A6
replace damaged 22kv insulator on neutral bus		FAULT	3/04/09	12:34:00	3/04/09	19:00:00		B3A 220/66KV TRANS BANK AT BLTS	6.433		EXCLUDE 1.2 Connection asset	WO # 10302662
Rebate WO B2 220/66KV TRANS AT MWTS		FAULT	5/04/09	17:33:00	5/04/09	18:31:00		B2 220/66KV TRANS AT MWTS	0.967		EXCLUDE 1.2 Connection asset	WO # 10302786
O/H CAP BANK & EARTH SW		SPIMAIN	6/04/09	07:21:00	6/04/09	15:52:00		NO.2A 66KV CAPACITOR BANK AT BETS	8.517		EXCLUDE 1.1 Unregulated transmission asset	WO # 10292988
O/H CAP BANK & EARTH SW		SPIMAIN	7/04/09	07:15:00	7/04/09	15:30:00		NO.3A 66KV CAPACITOR BANK AT BETS	8.250		EXCLUDE 1.1 Unregulated transmission asset	WO # 10292990
Perf W/O No2 Tr GRP during No2 22 Bus overhaul		SPIMAIN	8/04/09	05:58:00	8/04/09	18:47:00		R2A/2B 220/66/22KV TRANS GROUP AT BETS	12.817		EXCLUDE 1.2 Connection asset	WO # 10301847
SCAP to APD	Outage requested by APDALCOA	APDALCOA	8/04/09	12:27:00	8/04/09	16:03:00	HYTS-APD 2 500KV W		3.600		EXCLUDE 1.3 Third party outage	WO # 10302851
B1 Transformer Conservator repair		SPIMAIN	9/04/09	15:30:00	19/04/09	12:11:00		B1 220/66KV TRANS AT TTS	236.683		EXCLUDE 1.2 Connection asset	WO # 10302932
de-energise for APD	Outage requested by APDALCOA	APDALCOA	14/04/09	07:36:00	14/04/09	15:47:00	HYTS-APD 2 500KV W		8.183		EXCLUDE 1.3 Third party outage	WO # 10302940

Overhaul Trans		SPIMAIN	15/04/09	07:00:00	16/04/09	17:14:00		L3 220/22KV TRANS BANK AT RWTS	34.233		EXCLUDE 1.2 Connection asset	WO # 10290631
De-energised at Acciona request	Outage requested by GENCO	GENCO	15/04/09	14:49:00	29/04/09	18:00:00		B2 220/66KV TRANS AT WBTS	339.183		EXCLUDE 1.1 Unregulated transmission asset	WO # 10303025
Remote Trip JLGS B P/Stn Transf fault.	Outage requested by GENCO	REM_TRIP	16/04/09	06:00:00	16/04/09	07:50:00		HWPS NO.1 220KV LINE AT JLTS	1.833		EXCLUDE 1.3 Third party outage	WO # 10303060
de-energise for APD	Outage requested by APDALCOA	APDALCOA	16/04/09	07:32:00	16/04/09	15:24:00		HYTS-APD 2 500KV W	7.867		EXCLUDE 1.3 Third party outage	WO # 10302940
de-energise for APD	Outage requested by APDALCOA	APDALCOA	17/04/09	07:38:00	17/04/09	15:40:00		HYTS-APD 2 500KV W	8.033		EXCLUDE 1.3 Third party outage	WO # 10302940
replace bolts on conserator support structure		SPIMAIN	17/04/09	08:24:00	17/04/09	14:55:00		B3 220/66KV TRANS AT SMTS	6.517		EXCLUDE 1.1 Unregulated transmission asset	WO # 10303097
Rebate W/O B4 Trans during No2 220kv Bus outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	18/04/09	05:31:00	18/04/09	17:19:00		B4 220/66KV TRANS AT GTS	11.800		EXCLUDE 1.2 Connection asset	WO # X50858V6
Testing of SCIMS points with Jemena	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	23/04/09	07:04:00	23/04/09	12:55:00		L2 220/22KV TRANS BANK AT RWTS	5.850		EXCLUDE 1.2 Connection asset	WO # Z51358CN
Outage Requested by APD	Outage requested by APDALCOA	APDALCOA	23/04/09	08:02:00	23/04/09	15:26:00		HYTS-APD 2 500KV W	7.400		EXCLUDE 1.3 Third party outage	WO # 10303267
Testing of SCIMS points with JEMENA	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	24/04/09	08:47:00	24/04/09	14:35:00		B1 220/66KV TRANS AT RWTS	5.800		EXCLUDE 1.1 Unregulated transmission asset	WO # Z51358CO
Testing of SCIMS points with Jemena	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	24/04/09	14:37:00	24/04/09	16:54:00		B2 220/66KV TRANS AT RWTS	2.283		EXCLUDE 1.2 Connection asset	WO # Z51358CP
Outage Requested by APD	Outage requested by APDALCOA	APDALCOA	27/04/09	06:03:00	30/04/09	22:25:00		HYTS-APD 1 500KV W	88.367		EXCLUDE 1.3 Third party outage	WO # 10303231
Perf calc W/O #2 Trans during #1 220 Bus de-energ	X565 - REPLACE 220KV TYREE CTS	SPICAPX	27/04/09	10:15:00	27/04/09	12:21:00		B2 220/66KV TRANS AT BATS	2.100		EXCLUDE 1.2 Connection asset	WO # X56558I4
Out W/O B2 Trans de-energ for AVR testing	Z645 - (WBTS) WAUBRA WIND FARM GRID CONNECTION	VEN_AUG	29/04/09	18:01:00	30/04/09	23:59:59		B2 220/66KV TRANS AT WBTS	29.983		EXCLUDE 1.1 Unregulated transmission asset	WO # Z64558E5
O/HAUL Transformer Div Mechanism (EM)		SPIMAIN	30/04/09	07:07:00	30/04/09	14:23:00		B1 220/66KV TRANS AT SVTS	7.267		EXCLUDE 1.2 Connection asset	WO # 10290812
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	1/05/09	00:00:00	31/05/09	23:59:59		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	744.000		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300735
Out W/O B2 Trans de-energ for AVR testing	Z645 - (WBTS) WAUBRA WIND FARM GRID CONNECTION	VEN_AUG	1/05/09	00:00:00	14/05/09	14:08:00		B2 220/66KV TRANS AT WBTS	326.133		EXCLUDE 1.1 Unregulated transmission asset	WO # Z64558E5
O/HAUL Transformer Div Mechanism (EM)		SPIMAIN	1/05/09	07:05:00	1/05/09	12:29:00		B2 220/66KV TRANS AT SVTS	5.400		EXCLUDE 1.2 Connection asset	WO # 10290814
Testing of SCIMS points with Jemena	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	1/05/09	07:14:00	1/05/09	12:11:00		L2 220/22KV TRANS BANK AT RWTS	4.950		EXCLUDE 1.2 Connection asset	WO # Z51358CN
CBTS A1 Trans Hydrans		SPIMAIN	1/05/09	10:03:00	1/05/09	13:12:00		A1 500/220KV TRANS BANK AT CBTS	3.150		EXCLUDE 1.1 Unregulated transmission asset	WO # 10298656
Testing of SCIMS points with Jemena	Z513 - (RWTS) ADD 4TH TRANSFORMER RECON 66KV BUSBAR	DB_AUG	1/05/09	12:18:00	1/05/09	16:48:00		L3 220/22KV TRANS BANK AT RWTS	4.500		EXCLUDE 1.2 Connection asset	WO # Z51358CM
investigate high resistance in the mech rotary sw		SPIMAIN	2/05/09	05:45:00	5/05/09	13:26:00		B4 220/66KV TRANS AT KTS	79.683		EXCLUDE 1.2 Connection asset	WO # 10303424
O/Haul B3 TRANS AT HTS & No 3 66kv bus & CL 1 cb		SPIMAIN	6/05/09	07:04:00	6/05/09	15:06:00		B3 220/66KV TRANS AT HTS	8.033		EXCLUDE 1.2 Connection asset	WO # 10290915
Rebate W/O No1 220kV Cap Bank during CB OH		SPIMAIN	8/05/09	07:36:00	8/05/09	15:40:00		NO.1 220KV CAPACITOR BANK AT DDTS	8.067		EXCLUDE 1.1 Unregulated transmission asset	WO # 10303166

INITIAL O/H		SPIMAIN	14/05/09	06:59:00	14/05/09	14:14:00		B4 220/66KV TRANS AT SVTS	7.250		EXCLUDE 1.2 Connection asset	WO # 10302735
WBTS B2 Trans De-Energised Only for Acciona	Outage requested by GENCO	GENCO	21/05/09	22:20:00	28/05/09	14:30:00		B2 220/66KV TRANS AT WBTS	160.167		EXCLUDE 1.1 Unregulated transmission asset	WO # 10304217
Perf Calc W/O No1 Trans during no1 66kV Bus outage		SPIMAIN	26/05/09	07:33:00	26/05/09	16:13:00		NO.1 330/66/22KV TRANS AT WOTS	8.667		EXCLUDE 1.2 Connection asset	WO # 10303514
Perf Calc W/O No2 Trans during no1 66kV Bus outage		SPIMAIN	27/05/09	07:15:00	27/05/09	15:27:00		NO.2 330/66/22KV TRANS AT WOTS	8.200		EXCLUDE 1.2 Connection asset	WO # 10303515
SMTS NO1 330KV SERIES CAP Failed Cap Cans		FAULT	1/06/09	00:00:00	29/06/09	15:17:00		DDTS NO.1 330KV LINE SERIES CAPACITOR BANK AT SMTS	687.283		EXCLUDE 1.1 Unregulated transmission asset	WO # 10300735
Condition Monitoring Metro Trans 2day East Area(W)		SPIMAIN	1/06/09	07:06:00	2/06/09	17:25:00		B1 220/66KV TRANS AT SVTS	34.317		EXCLUDE 1.2 Connection asset	WO # 10294108
Condition Monitoring Metro Trans 2day East Area(W)		SPIMAIN	3/06/09	07:03:00	4/06/09	14:48:00		B2 220/66KV TRANS AT SVTS	31.750		EXCLUDE 1.2 Connection asset	WO # 10294110
Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	3/06/09	07:09:00	4/06/09	15:18:00		B1 220/66KV TRANS AT RTS	32.150		EXCLUDE 1.2 Connection asset	WO # V8F158A0
Perf calc W/O No2 Trans during No1 66 BUS outage		SPIMAIN	3/06/09	07:33:00	3/06/09	16:04:00		B2 220/66KV TRANS AT GNTS	8.517		EXCLUDE 1.2 Connection asset	WO # 10303659
HV TESTS OF TRANS AFTER REPAIR		SPIMAIN	3/06/09	13:43:00	3/06/09	14:36:00		B1 220/66KV TRANS AT TTS	0.883		EXCLUDE 1.2 Connection asset	WO # 10304514
Perf calc W/O No1 Tr bk during No1 66 BUS outage		SPIMAIN	4/06/09	07:09:00	4/06/09	15:51:00		B1 220/66KV TRANS GROUP AT GNTS	8.700		EXCLUDE 1.2 Connection asset	WO # 10303656
B3 Trans 66kV CB opened auto		FAULT	6/06/09	04:25:00	6/06/09	04:32:00		B3 220/66KV TRANS AT MWTS	0.117		EXCLUDE 1.2 Connection asset	WO # 10309147
De-energised 2A & 2B 220kV Bus		SPIMAIN	6/06/09	07:45:00	6/06/09	16:00:00		B2 220/66KV TRANS AT RTS	8.250		EXCLUDE 1.2 Connection asset	WO # 10308742
BETS No2 Trans Group Trip		FAULT	9/06/09	17:29:00	9/06/09	21:19:00		R2A/2B 220/66/22KV TRANS GROUP AT BETS	3.833		EXCLUDE 1.2 Connection asset	WO # 10308926
Out W/O No2 Trans grp wiring and functional checks	X497 - (BETS) STATION REDEVELOPMENT	SPICAPX	10/06/09	07:09:00	12/06/09	18:29:00		R2A/2B 220/66/22KV TRANS GROUP AT BETS	59.333		EXCLUDE 1.2 Connection asset	WO # X49758N3
TBTS No1 Cap Bank Tripped		FAULT	10/06/09	12:42:00	12/06/09	16:08:00		NO.1 66KV CAPACITOR BANK AT TBTS	51.433		EXCLUDE 1.1 Unregulated transmission asset	WO # 10308984
Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	11/06/09	07:18:00	12/06/09	14:41:00		B4 220/66KV TRANS AT RTS	31.383		EXCLUDE 1.2 Connection asset	WO # V8F158A1
RECONNECT TRANS	V910 - (TTS) INVESTIGATE & REPAIR - FAIL B1 TRANSFORMER	SPIMAIN	12/06/09	07:22:00	24/06/09	12:59:00		B1 220/66KV TRANS AT TTS	293.617		EXCLUDE 1.2 Connection asset	WO # V91058A8
Replace PCB Contaminated Oil	V882 - (RTS) B2 TRANSFORMER OIL REGENERATION	SPIMAIN	15/06/09	07:04:00	27/06/09	17:14:00		B2 220/66KV TRANS AT RTS	298.167		EXCLUDE 1.2 Connection asset	WO # V88258A0
Condition Monitoring Metro Trans 2 day West Area		SPIMAIN	15/06/09	07:05:00	17/06/09	15:21:00		B3A 220/66KV TRANS BANK AT BLTS	56.267		EXCLUDE 1.2 Connection asset	WO # 10294104
Condition Monitoring Metro Trans 2day West Area		SPIMAIN	18/06/09	07:06:00	19/06/09	15:42:00		B4 220/66KV TRANS AT KTS	32.600		EXCLUDE 1.2 Connection asset	WO # 10294106
WBTS B1 & B2 Trans Tripped anti Islanding comm alm		FAULT	18/06/09	08:36:00	18/06/09	10:06:00		B1 220/66KV TRANS AT WBTS	1.500		EXCLUDE 1.1 Unregulated transmission asset	WO # 10309253
WBTS B1 & B2 Trans Tripped anti Islanding comm alm		FAULT	18/06/09	08:36:00	18/06/09	10:06:00		B2 220/66KV TRANS AT WBTS	1.500		EXCLUDE 1.1 Unregulated transmission asset	WO # 10309256
Replace faulty Insulators on 220kv Conn's at rack		SPIMAIN	20/06/09	07:48:00	20/06/09	15:31:00		B2 220/66KV TRANS AT BATS	7.717		EXCLUDE 1.2 Connection asset	WO # 10309250

S1	Total circuit availability	Condition Monitoring Metro Trans 2day East Area		SPIMAIN	23/06/09	07:01:00	24/06/09	15:28:00		B1 220/66KV TRANS AT TSTS	32.450		EXCLUDE 1.2 Connection asset	WO # 10294094	
		Rebate loss of B1 220/66KV Transf		FAULT	25/06/09	12:45:00	25/06/09	13:37:00		B1 220/66KV TRANS AT RTS	0.867		EXCLUDE 1.2 Connection asset	WO # 10309405	
		Rebate loss of L1 220/22KV Transformer		SPIMAIN	25/06/09	12:45:00	25/06/09	19:41:00		L1 220/22KV TRANS AT RTS	6.933		EXCLUDE 1.2 Connection asset	WO # 10309421	
		Perf calc W/O B4 Trans during its 66kV CB O/H		SPIMAIN	26/06/09	07:36:00	26/06/09	13:42:00		B4 220/66KV TRANS AT SHTS	6.100		EXCLUDE 1.2 Connection asset	WO # 10308786	
		Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	28/06/09	07:10:00	28/06/09	15:42:00		B2 220/66KV TRANS AT WMTS	8.533		EXCLUDE 1.2 Connection asset	WO # V8F158A5	
		Loss of JLTS No1 Bus due to JLGS B Stn Remote Trip	Outage requested by GENCO	REM_TRIP	29/06/09	09:18:00	29/06/09	09:33:00	HWPS-JLTS 1 220KV G			0.250		EXCLUDE 1.3 Third party outage	WO # 10309479
		Condition Monitoring Country Trans 2day North Area		SPIMAIN	29/06/09	11:16:00	30/06/09	23:59:59		NO.1B TRANS AT RCTS	36.733		EXCLUDE 1.2 Connection asset	WO # 10294112	
		Condition Monitoring Country Trans 2day North Area		SPIMAIN	1/07/09	00:00:00	2/07/09	14:41:00		NO.1B TRANS AT RCTS	38.683		EXCLUDE 1.2 Connection asset	WO # 10294112	
		B4 Trans trip No4 66KV Bus		FAULT	3/07/09	08:10:00	3/07/09	09:19:00		B4 220/66KV TRANS AT FBTS	1.150		EXCLUDE 1.2 Connection asset	WO # 10309630	
		Remove bridges & isols and instal new harpstrings	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	4/07/09	05:58:00	5/07/09	16:48:00		B1 220/66KV TRANS AT GTS	34.833		EXCLUDE 1.2 Connection asset	WO # X50858AO	
		Rebate loss of L1 220/22KV Transformer		SPIMAIN	4/07/09	07:01:00	4/07/09	15:41:00		L1 220/22KV TRANS AT RTS	8.667		EXCLUDE 1.2 Connection asset	WO # 10309421	
		ADJUST 220KV BUSHING OIL LEVELS.		SPIMAIN	5/07/09	06:02:00	5/07/09	12:48:00		NO.1 11/220KV TRANS BANK AT MPS	6.767		EXCLUDE 1.2 Connection asset	WO # 10309105	
		Outage Requested by APD to insul wash	Outage requested by APDALCOA	APDALCOA	9/07/09	08:38:00	9/07/09	09:29:00	HYTS-APD 2 500KV W			0.850		EXCLUDE 1.3 Third party outage	WO # 10309614
		SLIGHT OIL LEAK FROM TOP COVER AS PER LYPS		SPIMAIN	9/07/09	16:49:00	10/07/09	17:00:00		B 66/11KV S/S TRANS AT LYPS	24.183		EXCLUDE 1.2 Connection asset	WO # 10308784	
		Replace B1 Trans VT's & remove conns to harpstring	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	10/07/09	06:40:00	13/07/09	18:17:00		B1 220/66KV TRANS AT GTS	83.617		EXCLUDE 1.2 Connection asset	WO # X50858AT	
		Replacement of CT	X741 - (TYREE,GEC FMJL,ASEA IMBA) CT REPLACEMENT	SPICAPX	12/07/09	07:02:00	12/07/09	11:28:00		B1 220/66KV TRANS AT TSTS	4.433		EXCLUDE 1.2 Connection asset	WO # X74158D5	
		TRAN REBATE FOR BUS OUTAGE	X741 - (TYREE,GEC FMJL,ASEA IMBA) CT REPLACEMENT	SPICAPX	15/07/09	06:59:00	15/07/09	17:12:00		B3 220/66KV TRANS AT TSTS	10.217		EXCLUDE 1.2 Connection asset	WO # X74158D4	
		Perf calc W/O B4 Trans during 220kV E/SW & ROI O-H		SPIMAIN	17/07/09	06:53:00	17/07/09	12:56:00		B4 220/66KV TRANS AT SHTS	6.050		EXCLUDE 1.2 Connection asset	WO # 10309313	
		Investigate OLTC operation		SPIMAIN	17/07/09	11:14:00	17/07/09	19:11:00		B4 220/66KV TRANS AT SVTS	7.950		EXCLUDE 1.2 Connection asset	WO # 10315473	
		REBATE TRANS		FORCED	17/07/09	22:37:00	17/07/09	23:32:00		B1 220/66KV TRANS AT TSTS	0.917		EXCLUDE 1.2 Connection asset	WO # 10315488	
REBATE TRANS		FORCED	17/07/09	22:37:00	17/07/09	23:32:00		B2 220/66KV TRANS AT TSTS	0.917		EXCLUDE 1.2 Connection asset	WO # 10315490			
SECONDARY CABLING AND TERMINATIONS	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	18/07/09	05:13:00	31/07/09	23:59:59		B3 220/66KV TRANS AT KTS	330.783		EXCLUDE 1.2 Connection asset	WO # X70658F2			
Perf calc B4 Trans during No2 220kv Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	18/07/09	06:00:00	18/07/09	16:31:00		B4 220/66KV TRANS AT GTS	10.517		EXCLUDE 1.2 Connection asset	WO # X50858BM			
Install Groundwire & support from B3 Trans to Rack	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	19/07/09	05:52:00	19/07/09	15:09:00		B3 220/66KV TRANS AT GTS	9.283		EXCLUDE 1.2 Connection asset	WO # X50858BF			

DISCONNECT B2 TRANS & INSTALL RAD BANK	X727 - (TTS) B2 TRANSFORMER REPLACEMENT	SPICAPX	21/07/09	06:35:00	22/07/09	12:00:00		B2 220/66KV TRANS AT TTS	29.417		EXCLUDE 1.2 Connection asset	WO # X72758B0
Perf calc W/O No1 Trans during 66kV CB outage		SPIMAIN	22/07/09	07:17:00	22/07/09	16:39:00		NO.1 330/66/22KV TRANS AT WOTS	9.367		EXCLUDE 1.2 Connection asset	WO # 10309483
TRAN REBATE FOR BUS OUTAGE	X741 - (TYREE,GEC FMJL,ASEA IMBA) CT REPLACEMENT	SPICAPX	25/07/09	07:04:00	25/07/09	15:52:00		B2 220/66KV TRANS AT TSTS	8.800		EXCLUDE 1.2 Connection asset	WO # X74158D8
De-energised 2A & 2B 220kV Bus		SPIMAIN	25/07/09	08:00:00	25/07/09	10:19:00		B2 220/66KV TRANS AT RTS	2.317		EXCLUDE 1.2 Connection asset	WO # 10315474
TRAN REBATE FOR BUS OUTAGE	X741 - (TYREE,GEC FMJL,ASEA IMBA) CT REPLACEMENT	SPICAPX	26/07/09	07:02:00	26/07/09	15:02:00		B2 220/66KV TRANS AT TSTS	8.000		EXCLUDE 1.2 Connection asset	WO # X74158E1
Condition Monitoring Metro Trans 2day East Area		SPIMAIN	27/07/09	08:12:00	28/07/09	15:17:00		B3 220/66KV TRANS AT TSTS	31.083		EXCLUDE 1.2 Connection asset	WO # 10294102
Condition Monitoring Metro Trans 2day East Area(W)		SPIMAIN	30/07/09	06:55:00	30/07/09	16:37:00		B1 220/66KV TRANS AT SVTS	9.700		EXCLUDE 1.2 Connection asset	WO # 10294108
O/H TRANS & OLTC		SPIMAIN	30/07/09	07:12:00	30/07/09	18:54:00		NO.2 330/66/22KV TRANS AT WOTS	11.700		EXCLUDE 1.2 Connection asset	WO # 10291130
investigate diverter pressure trip		FAULT	30/07/09	19:08:00	31/07/09	18:08:00		B3 220/66KV TRANS AT MTS	23.000		EXCLUDE 1.2 Connection asset	WO # 10315916
O/H TRANS & OLTC		SPIMAIN	31/07/09	07:41:00	31/07/09	15:57:00		NO.2 330/66/22KV TRANS AT WOTS	8.267		EXCLUDE 1.2 Connection asset	WO # 10291130
SECONDARY CABLING AND TERMINATIONS	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	1/08/09	00:00:00	1/08/09	05:30:00		B3 220/66KV TRANS AT KTS	5.500		EXCLUDE 1.2 Connection asset	WO # X70658F2
precommission & commission tests	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	1/08/09	17:20:00	2/08/09	14:54:00		B3 220/66KV TRANS AT KTS	21.567		EXCLUDE 1.2 Connection asset	WO # X70658K0
No4 220kV BUS Trip B4 Trans Rebate W/O		FAULT	1/08/09	17:53:00	1/08/09	17:55:00		B4 220/66KV TRANS AT FBTS	0.033		EXCLUDE 1.2 Connection asset	WO # 10315928
AER W/O for Trip AUX 'D' 220/22KV TRANS AT YPS		FAULT	3/08/09	03:01:00	3/08/09	04:45:00		AUX D 220/22KV TRANS AT YPS	1.733		EXCLUDE 1.2 Connection asset	WO # 10315932
Remove wiring to B4 Trans 66kv Metering CT	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	8/08/09	08:36:00	8/08/09	08:56:00		B4 220/66KV TRANS AT GTS	0.333		EXCLUDE 1.2 Connection asset	WO # X50858BY
SECONDARY CABLING AND TERMINATIONS	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	8/08/09	16:20:00	16/08/09	05:30:00		B1 220/66KV TRANS AT KTS	181.167		EXCLUDE 1.2 Connection asset	WO # X70658F7
Replacement of CVT	X741 - (TYREE,GEC FMJL,ASEA IMBA) CT REPLACEMENT	SPICAPX	9/08/09	07:04:00	9/08/09	15:25:00		B1 220/66KV TRANS AT TSTS	8.350		EXCLUDE 1.2 Connection asset	WO # X74158F6
Perf calc W/O B2 Trans during No2 220kV Bus O/H		SPIMAIN	10/08/09	08:56:00	10/08/09	16:56:00		B3 220/66KV TRANS AT HOTS	8.000		EXCLUDE 1.2 Connection asset	WO # 10315511
Perf calc W/O B2 Trans during No2 220kV Bus O/H		SPIMAIN	11/08/09	07:08:00	11/08/09	17:32:00		B3 220/66KV TRANS AT HOTS	10.400		EXCLUDE 1.2 Connection asset	WO # 10315511
MTS B3 Trans OLTC Low Oil		SPIMAIN	11/08/09	07:20:00	11/08/09	14:53:00		B3 220/66KV TRANS AT MTS	7.550		EXCLUDE 1.2 Connection asset	WO # 10316205
Perf calc W/O B2 Trans during No1 220kV BUS outage		SPIMAIN	12/08/09	07:01:00	12/08/09	18:04:00		B2 220/66KV TRANS AT HOTS	11.050		EXCLUDE 1.2 Connection asset	WO # 10315513
Perf calc W/O B2 Trans during No1 220kV BUS outage		SPIMAIN	13/08/09	07:00:00	13/08/09	17:15:00		B2 220/66KV TRANS AT HOTS	10.250		EXCLUDE 1.2 Connection asset	WO # 10315513
Perf calc W/O B2 Trans during No1 220kV BUS outage		SPIMAIN	14/08/09	07:03:00	14/08/09	16:39:00		B2 220/66KV TRANS AT HOTS	9.600		EXCLUDE 1.2 Connection asset	WO # 10315513
Remove 220kv Bushing Cap Taps and VCU	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	15/08/09	05:59:00	15/08/09	13:37:00		B1 220/66KV TRANS AT GTS	7.633		EXCLUDE 1.2 Connection asset	WO # X50858BR
Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	15/08/09	07:01:00	15/08/09	15:41:00		L1 220/22KV TRANS AT RTS	8.667		EXCLUDE 1.2 Connection asset	WO # V8F158A2

Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	16/08/09	07:02:00	16/08/09	14:08:00		L1 220/22KV TRANS AT RTS	7.100		EXCLUDE 1.2 Connection asset	WO # V8F158A2
Perf calc W/O No1 Trans during its 22kv CB outage		SPIMAIN	18/08/09	06:49:00	18/08/09	15:49:00		R1 220/66/22KV TRANS AT KGTS	9.000		EXCLUDE 1.2 Connection asset	WO # 10315941
Pre-commissioning tests on new B3 trans at SMTS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	19/08/09	11:00:00	31/08/09	23:59:59		B3 220/66KV TRANS AT SMTS	301.000		EXCLUDE 1.1 Unregulated transmission asset	WO # Z73058K2
Transformer rebates Investigate OLTC operation		SPIMAIN	21/08/09	08:36:00	21/08/09	15:06:00		B4 220/66KV TRANS AT SVTS	6.500		EXCLUDE 1.2 Connection asset	WO # 10316603
B1 Trans Outage to repair connections		SPIMAIN	21/08/09	12:34:00	21/08/09	15:27:00		B1 220/66KV TRANS AT SMTS	2.883		EXCLUDE 1.1 Unregulated transmission asset	WO # 10316695
Perf calc B4 Trans during No2 220kv Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	22/08/09	06:00:00	22/08/09	16:01:00		B4 220/66KV TRANS AT GTS	10.017		EXCLUDE 1.2 Connection asset	WO # X50858CC
Perf calc B4 Trans during No2 220kv Bus Outage	X508 - (GTS) STATION REDEVELOPMENT	SPICAPX	23/08/09	06:10:00	23/08/09	12:16:00		B4 220/66KV TRANS AT GTS	6.100		EXCLUDE 1.2 Connection asset	WO # X50858CC
Transformer rebates Investigate OLTC operation		SPIMAIN	24/08/09	08:19:00	24/08/09	14:56:00		B4 220/66KV TRANS AT SVTS	6.617		EXCLUDE 1.2 Connection asset	WO # 10316603
Rebate W/O 2A Cap during outage for 2B CB adjust	V952 - ADJUST & COMMISSION 12 66KV LTB CBS	SPIMAIN	26/08/09	06:56:00	26/08/09	17:35:00		NO.2A 66KV CAPACITOR BANK AT BETS	10.650		EXCLUDE 1.1 Unregulated transmission asset	WO # V95258B3
Rebate W/O 3A Cap during outage for 3B CB adjust	V952 - ADJUST & COMMISSION 12 66KV LTB CBS	SPIMAIN	27/08/09	07:01:00	27/08/09	15:59:00		NO.3A 66KV CAPACITOR BANK AT BETS	8.967		EXCLUDE 1.1 Unregulated transmission asset	WO # V95258B4
Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	29/08/09	07:05:00	29/08/09	15:26:00		L4 220/22KV TRANS AT RTS	8.350		EXCLUDE 1.2 Connection asset	WO # V8F158A3
Check Oil Leaks	V8F1 - REPAIR OF OIL LEAKS IN TERMINAL STNS STAGE 1	SPIMAIN	30/08/09	07:02:00	30/08/09	16:07:00		L4 220/22KV TRANS AT RTS	9.083		EXCLUDE 1.2 Connection asset	WO # V8F158A3
Pre-commissioning tests on new B3 trans at SMTS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	1/09/09	00:00:00	4/09/09	13:35:00		B3 220/66KV TRANS AT SMTS	85.583		EXCLUDE 1.1 Unregulated transmission asset	WO # Z73058K2
Test and adjust CB - Cap Bank rebate capture WO		SPIMAIN	3/09/09	07:05:00	3/09/09	14:59:00		NO.1 66KV CAPACITOR BANK AT TSTS	7.900		EXCLUDE 1.1 Unregulated transmission asset	WO # 10317326
Test and adjust CB - Cap Bank rebate capture WO		SPIMAIN	4/09/09	06:59:00	4/09/09	13:50:00		NO.1 66KV CAPACITOR BANK AT TBTS	6.850		EXCLUDE 1.1 Unregulated transmission asset	WO # 10317327
ROUTINE MAINTENANCE		SPIMAIN	4/09/09	07:33:00	4/09/09	13:58:00		U1 66/22KV TRANS AT MTS	6.417		EXCLUDE 1.2 Connection asset	WO # 10316392
Repare hot joint to trans & ROTS No 2 Line SW		SPIMAIN	5/09/09	07:07:00	5/09/09	14:42:00		B4 220/66KV TRANS AT ERTS	7.583		EXCLUDE 1.2 Connection asset	WO # 10315844
Re-tighten transformer connections		SPIMAIN	6/09/09	07:08:00	6/09/09	13:59:00		B1 220/66KV TRANS AT ERTS	6.850		EXCLUDE 1.2 Connection asset	WO # 10315623
Condition Monitoring Metro Trans 2day East Area		SPIMAIN	7/09/09	07:07:00	8/09/09	16:39:00		B1 220/66KV TRANS AT TBTS	33.533		EXCLUDE 1.2 Connection asset	WO # 10294128
B3 Trans CT Cable repairs		FORCED	8/09/09	13:44:00	8/09/09	18:21:00		B3 220/66KV TRANS AT GTS	4.617		EXCLUDE 1.2 Connection asset	WO # 10317416
Condition Monitoring Metro Trans 2day East Area		SPIMAIN	9/09/09	07:00:00	10/09/09	15:44:00		B2 220/66KV TRANS AT TBTS	32.733		EXCLUDE 1.2 Connection asset	WO # 10295531
220KV & 66KV CONNS TO FUT B3 TRANS	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	11/09/09	06:37:00	28/09/09	12:26:00		B3 220/66KV TRANS AT SMTS	413.817		EXCLUDE 1.1 Unregulated transmission asset	WO # Z73058L3
Repair ROI - Cap Bank Rebate Capture WO	V8B6 - REPAIRS TO ABB-HAPAM 220KV DISCONNECTORS	SPICAPX	11/09/09	06:46:00	11/09/09	15:57:00		NO.1 220KV CAPACITOR BANK AT ROTS	9.183		EXCLUDE 1.1 Unregulated transmission asset	WO # V8B658A6
w/o for rebates Trans	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	12/09/09	06:20:00	13/09/09	18:37:00		B1 220/66KV TRANS AT KTS	36.283		EXCLUDE 1.2 Connection asset	WO # 10317700
Re-tighten Transformer connections		SPIMAIN	16/09/09	08:43:00	16/09/09	12:39:00		B2 220/66KV TRANS AT SVTS	3.933		EXCLUDE 1.2 Connection asset	WO # 10315624

No1 220kV Bus De-Energised to Isolate faulty CB		FORCED	21/09/09	20:05:00	21/09/09	20:22:00		B1 220/66KV TRANS AT KTS	0.283		EXCLUDE 1.2 Connection asset	WO # 10318467
Out W/O No4 Trans. Wiring checks on 220kv CVT's	X497 - (BETS) STATION REDEVELOPMENT	SPICAPX	24/09/09	05:59:00	24/09/09	17:51:00		R4 220/66/22KV TRANS AT BETS	11.867		EXCLUDE 1.2 Connection asset	WO # X49758P0
Transformer rebates Investigate OLTC operation		SPIMAIN	24/09/09	08:00:00	24/09/09	12:18:00		B4 220/66KV TRANS AT SVTS	4.300		EXCLUDE 1.2 Connection asset	WO # 10316603
Remove 22kv Droppers and replace 22kv Potheads	V991 - (WOTS) TRANS #1 & #2 22KV UG CABLE REPAIRS	SPICAPX	28/09/09	07:28:00	28/09/09	17:30:00		NO.2 330/66/22KV TRANS AT WOTS	10.033		EXCLUDE 1.2 Connection asset	WO # V99158A1
Condition Monitoring Country Trans 2day North Area		SPIMAIN	29/09/09	07:04:00	30/09/09	23:59:59		NO.2 330/66/22KV TRANS AT WOTS	40.933		EXCLUDE 1.2 Connection asset	WO # 10294124
APD - HYTS No2 Line Outage for APD	Outage requested by APDALCOA	APDALCOA	29/09/09	10:31:00	29/09/09	17:12:00	HYTS NO.2 500KV LINE AT APD		6.683		EXCLUDE 1.3 Third party outage	WO # 10318040
APD - HYTS No2 Line Outage for APD	Outage requested by APDALCOA	APDALCOA	30/09/09	07:15:00	30/09/09	16:39:00	HYTS NO.2 500KV LINE AT APD		9.400		EXCLUDE 1.3 Third party outage	WO # 10318040
Condition Monitoring Country Trans 2day North Area		SPIMAIN	1/10/09	00:00:00	2/10/09	13:22:00		NO.2 330/66/22KV TRANS AT WOTS	37.367		EXCLUDE 1.2 Connection asset	WO # 10294124
O/Haul NO.2 220KV CAPACITOR BANK AT MLTS		SPIMAIN	1/10/09	07:08:00	1/10/09	16:41:00		NO.2 220KV CAPACITOR BANK AT MLTS	9.550		EXCLUDE 1.1 Unregulated transmission asset	WO # 10292996
O/H TRANSFORMER AT GNTS		SPIMAIN	1/10/09	07:33:00	1/10/09	16:55:00		B2 220/66KV TRANS AT GNTS	9.367		EXCLUDE 1.2 Connection asset	WO # 10292082
Rebate WO for Trans outage		SPIMAIN	1/10/09	07:33:00	1/10/09	16:55:00		A1 500/220KV TRANS BANK AT CBTS	9.367		EXCLUDE 1.1 Unregulated transmission asset	WO # 10317320
Bus O/Haul capture outage costs for Cap Bank		SPIMAIN	3/10/09	06:12:00	3/10/09	14:37:00		NO.2 220KV CAPACITOR BANK AT ATS	8.417		EXCLUDE 1.1 Unregulated transmission asset	WO # 10318616
Bus O/Haul capture outage costs for Cap Bank		SPIMAIN	4/10/09	06:48:00	4/10/09	15:06:00		NO.2 220KV CAPACITOR BANK AT ATS	8.300		EXCLUDE 1.1 Unregulated transmission asset	WO # 10318616
Re Install Droppers to 22kv Bus & 22kv CB cables	V991 - (WOTS) TRANS #1 & #2 22KV UG CABLE REPAIRS	SPICAPX	5/10/09	12:55:00	5/10/09	17:01:00		NO.2 330/66/22KV TRANS AT WOTS	4.100		EXCLUDE 1.2 Connection asset	WO # V99158A2
Remote Trip from Basslink Converter Station	Outage requested by GENCO	REM_TRIP	6/10/09	20:38:00	6/10/09	22:52:00	BLLY 500KV LINE AT LYPS		2.233		EXCLUDE 1.3 Third party outage	WO # 10318335
Bus de-energised at EPS requested by AGL Hydro	Outage requested by STHHYDRO	STHHYDRO	7/10/09	15:00:00	7/10/09	15:03:00	MBTS NO.2 220KV LINE AT EPSY		0.050		EXCLUDE 1.3 Third party outage	WO # 10318553
Remote Trip from Basslink Converter Station	Outage requested by GENCO	REM_TRIP	8/10/09	13:45:00	8/10/09	14:23:00	BLLY 500KV LINE AT LYPS		0.633		EXCLUDE 1.3 Third party outage	WO # 10318513
KTS B1 Trans Trip		FAULT	8/10/09	16:00:00	8/10/09	18:46:00		B1 220/66KV TRANS AT KTS	2.767		EXCLUDE 1.2 Connection asset	WO # 10318508
KTS B4 Trans Trip		FAULT	8/10/09	16:22:00	8/10/09	18:28:00		B4 220/66KV TRANS AT KTS	2.100		EXCLUDE 1.2 Connection asset	WO # 10318511
B3 TRANS outage	Z730 - (SMTS) ESTABLISH A 220KV SWITCH YARD	DB_AUG	15/10/09	10:51:00	15/10/09	14:12:00		B3 220/66KV TRANS AT SMTS	3.350		EXCLUDE 1.1 Unregulated transmission asset	WO # Z73058M8
B4 Trans oil leaks		SPIMAIN	17/10/09	07:27:00	17/10/09	17:35:00		B4 220/66KV TRANS AT GTS	10.133		EXCLUDE 1.2 Connection asset	WO # 10282627
TRANS REBATE FOR BUS OUTAGE		SPIMAIN	18/10/09	06:07:00	18/10/09	15:44:00		B1 220/66KV TRANS AT CBTS	9.617		EXCLUDE 1.2 Connection asset	WO # 10317816
Perf calc W/O B1 Trans during No2 66kV Bus outage		SPIMAIN	18/10/09	06:37:00	18/10/09	18:39:00		B1 220/66KV TRANS AT GTS	12.033		EXCLUDE 1.2 Connection asset	WO # 10317811
Condition Monitoring Country Trans 2day North Area		SPIMAIN	19/10/09	07:53:00	21/10/09	12:46:00		B2 220/66KV TRANS AT TGTS	52.883		EXCLUDE 1.2 Connection asset	WO # 10294114
Outage for APD	Outage requested by APDALCOA	APDALCOA	20/10/09	03:45:00	20/10/09	20:32:00	HYTS-APD 2 500KV W		16.783		EXCLUDE 1.3 Third party outage	WO # 10318500

O/HAUL Transformer and Div Sw (N)		SPIMAIN	20/10/09	11:35:00	23/10/09	14:51:00		B1 220/66KV TRANS (HOT SPARE) AT MBTS	75.267		EXCLUDE 1.2 Connection asset	WO # 10294075
Outage for APD	Outage requested by APDALCOA	APDALCOA	21/10/09	03:46:00	21/10/09	20:06:00	HYTS-APD 1 500KV W		16.333		EXCLUDE 1.3 Third party outage	WO # 10318498
O/HAUL Transformer and Div Sw (N)		SPIMAIN	22/10/09	07:19:00	22/10/09	16:27:00		B2 220/66KV TRANS AT MBTS	9.133		EXCLUDE 1.2 Connection asset	WO # 10294234
Trans Rebate		SPIMAIN	23/10/09	06:59:00	23/10/09	14:33:00		L3 220/22KV TRANS BANK AT RWTS	7.567		EXCLUDE 1.2 Connection asset	WO # 10318336
O/HAUL Transformer and Div Sw (N)		SPIMAIN	23/10/09	07:09:00	23/10/09	14:51:00		B2 220/66KV TRANS AT MBTS	7.700		EXCLUDE 1.2 Connection asset	WO # 10294234
Perf calc W/O B1 Trans during No2 66 bus outage		SPIMAIN	23/10/09	14:21:00	23/10/09	15:32:00		B1 220/66KV TRANS AT GTS	1.183		EXCLUDE 1.2 Connection asset	WO # 10318730
TRANS REBATE FOR BUS OUTAGE	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	VEN_AUG	24/10/09	06:36:00	24/10/09	20:04:00		B2 220/66KV TRANS AT CBTS	13.467		EXCLUDE 1.2 Connection asset	WO # Z71958A4
Rebate W/O 220 Cap Bank during 220 Bus outage		SPIMAIN	27/10/09	08:00:00	27/10/09	15:34:00		NO.1 220KV CAPACITOR BANK AT DDTs	7.567		EXCLUDE 1.1 Unregulated transmission asset	WO # 10318322
B3 TRANS REQUIRED D-ENERGSD TO ERECT BLST WALL	X706 - (KTS) REBUILD 220/66 KV	SPICAPX	29/10/09	09:27:00	29/10/09	16:00:00		B3 220/66KV TRANS AT KTS	6.550		EXCLUDE 1.2 Connection asset	WO # X70658Q0
Rebate B1 220/66KV Trans Trip with No1 66KV Bus		FAULT	29/10/09	18:18:00	29/10/09	20:09:00		B1 220/66KV TRANS AT RTS	1.850		EXCLUDE 1.2 Connection asset	WO # 10319431
B4 Trans oil leaks		SPIMAIN	31/10/09	07:30:00	31/10/09	23:59:59		B4 220/66KV TRANS AT GTS	16.500		EXCLUDE 1.2 Connection asset	WO # 10318715
Rebate Trans for Bus outage		SPIMAIN	31/10/09	18:55:00	31/10/09	22:16:00		B1 220/66KV TRANS AT RTS	3.350		EXCLUDE 1.2 Connection asset	WO # 10319445
B4 Trans oil leaks		SPIMAIN	1/11/09	00:00:00	1/11/09	16:52:00		B4 220/66KV TRANS AT GTS	16.867		EXCLUDE 1.2 Connection asset	WO # 10318715
Install termination gantry for Future B2 66 conn	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	1/11/09	07:08:00	1/11/09	13:38:00		B1 220/66KV TRANS AT CBTS	6.500		EXCLUDE 1.2 Connection asset	WO # Z71958B8
REBATES FOR BUS OUTAGE		SPIMAIN	1/11/09	08:06:00	1/11/09	15:23:00		NO.2 22KV CAPACITOR BANK AT RWTS	7.283		EXCLUDE 1.2 Connection asset	WO # 10317787
REBATES FOR BUS OUTAGE		SPIMAIN	1/11/09	08:06:00	1/11/09	15:23:00		L3 220/22KV TRANS BANK AT RWTS	7.283		EXCLUDE 1.2 Connection asset	WO # 10317788
O/HAUL Transformer and Div Sw (EM)		SPIMAIN	4/11/09	06:50:00	4/11/09	15:12:00		U1 66/22KV TRANS AT RWTS	8.367		EXCLUDE 1.2 Connection asset	WO # 10290633
No2 Trans GRP oil leaks		SPIMAIN	4/11/09	07:20:00	5/11/09	17:17:00		R2A/2B 220/66/22KV TRANS GROUP AT BETS	33.950		EXCLUDE 1.2 Connection asset	WO # 10298687
APD No1 line de-energised for work by Alcoa	Outage requested by APDALCOA	APDALCOA	4/11/09	07:37:00	4/11/09	13:27:00	APD NO.1 500KV LINE AT HYTS		5.833		EXCLUDE 1.3 Third party outage	WO # 10319485
Outage requested by Transgrid for work at MSS	Outage requested by TRANSGRD	TRANSGRD	4/11/09	08:10:00	4/11/09	15:50:00	MSS NO.1 330KV LINE AT DDTs		7.667		EXCLUDE 1.3 Third party outage	WO # 10319323
Outage requested by Transgrid for work at MSS	Outage requested by TRANSGRD	TRANSGRD	5/11/09	08:05:00	5/11/09	13:40:00	MSS NO.2 330KV LINE AT DDTs		5.583		EXCLUDE 1.3 Third party outage	WO # 10319324
APD No2 Line de-energised for work by Alcoa	Outage requested by APDALCOA	APDALCOA	5/11/09	08:56:00	5/11/09	12:07:00	APD NO.2 500KV LINE AT HYTS		3.183		EXCLUDE 1.3 Third party outage	WO # 10319486
COMMISSION NEW B2 TRANS 66KV CB	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	7/11/09	07:00:00	8/11/09	00:35:00		B2 220/66KV TRANS AT CBTS	17.583		EXCLUDE 1.2 Connection asset	WO # Z71958A5

TOP UP 220KV BUSHINGS CHECKS ON TEMP INDICATOR		SPIMAIN	8/11/09	06:09:00	8/11/09	15:55:00		B1 220/66KV TRANS AT KTS	9.767		EXCLUDE 1.2 Connection asset	WO # 10319562
Rebate Capbank for Bus outage		SPIMAIN	8/11/09	07:18:00	8/11/09	14:18:00		NO.1 22KV CAPACITOR BANK AT RWTS	7.000		EXCLUDE 1.2 Connection asset	WO # 10318459
top up b2 trans bushings at kts		SPIMAIN	9/11/09	05:46:00	10/11/09	17:04:00		B2 220/66KV TRANS AT KTS	35.300		EXCLUDE 1.2 Connection asset	WO # 10318652
Perf calc W/O No1 Trans during No1 66kV Bus outage		SPIMAIN	9/11/09	07:14:00	9/11/09	17:41:00		B1 220/66KV TRANS GROUP AT GNTS	10.450		EXCLUDE 1.2 Connection asset	WO # 10319130
Perf calc W/O No2 Trans during no2 66kV Bus outage		SPIMAIN	10/11/09	07:25:00	10/11/09	16:03:00		B2 220/66KV TRANS AT GNTS	8.633		EXCLUDE 1.2 Connection asset	WO # 10319132
Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	16/11/09	07:03:00	16/11/09	16:00:00		B1 220/66KV TRANS AT RTS	8.950		EXCLUDE 1.2 Connection asset	WO # V99058A1
Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	17/11/09	06:57:00	17/11/09	16:06:00		B1 220/66KV TRANS AT RTS	9.150		EXCLUDE 1.2 Connection asset	WO # V99058A1
B4 Transformer Auto Opening		FAULT	19/11/09	13:38:00	19/11/09	16:22:00		B4 220/66KV TRANS AT KTS	2.733		EXCLUDE 1.2 Connection asset	WO # 10319956
O/HAUL Transformer and Div Sw (N)		SPIMAIN	22/11/09	06:58:00	22/11/09	16:29:00		B3 220/66KV TRANS AT GTS	9.517		EXCLUDE 1.2 Connection asset	WO # 10270153
TRAN REBATE for Bus outage		SPIMAIN	24/11/09	07:24:00	24/11/09	15:52:00		B4 220/66KV TRANS AT RTS	8.467		EXCLUDE 1.2 Connection asset	WO # 10299957
Add NYPASS to Trans	V9A4 - TREAT CORROSIVE SULPHUR IN TRANSFMR INSULATING OIL	SPIMAIN	25/11/09	06:57:00	25/11/09	15:29:00		B4 220/66KV TRANS AT SVTS	8.533		EXCLUDE 1.2 Connection asset	WO # V9A458A6
Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	25/11/09	07:08:00	25/11/09	15:56:00		B1 220/66KV TRANS AT RTS	8.800		EXCLUDE 1.2 Connection asset	WO # V99058A3
O/H NO 1 TRANS & TAP CHANGER & S/S Trans		SPIMAIN	25/11/09	07:22:00	25/11/09	16:21:00		NO.1 330/66/22KV TRANS AT WOTS	8.983		EXCLUDE 1.2 Connection asset	WO # 10291127
Trip No4 220kV Bus loss of B4 220/66KV Transf		FAULT	26/11/09	03:51:00	26/11/09	06:10:00		B4 220/66KV TRANS AT FBTS	2.317		EXCLUDE 1.2 Connection asset	WO # 10320156
Perf calc W/O No1 trans 66kV during 66kV CB outage		SPIMAIN	26/11/09	07:16:00	26/11/09	14:21:00		NO.1 330/66/22KV TRANS AT WOTS	7.083		EXCLUDE 1.2 Connection asset	WO # 10320120
RCTS No1 22kV Bus Trip Loss of No1A 220/22KV Trans		FAULT	26/11/09	07:31:00	26/11/09	09:08:00		NO.1A TRANS AT RCTS	1.617		EXCLUDE 1.2 Connection asset	WO # 10320153
Install New B3 Enclosure	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	28/11/09	05:30:00	28/11/09	18:02:00		B2 220/66KV TRANS AT CBTS	12.533		EXCLUDE 1.2 Connection asset	WO # Z71958C7
Perf calc W/O B4 Trans during No4 66kV Bus outage		SPIMAIN	28/11/09	06:50:00	28/11/09	16:32:00		B4 220/66KV TRANS AT GTS	9.700		EXCLUDE 1.2 Connection asset	WO # 10319461
MWTS No2 TRANS COOLING		SPIMAIN	28/11/09	08:33:00	28/11/09	14:05:00		B2 220/66KV TRANS AT MWTS	5.533		EXCLUDE 1.2 Connection asset	WO # 10320172
Install New B3 Enclosure	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	29/11/09	05:19:00	29/11/09	21:08:00		B2 220/66KV TRANS AT CBTS	15.817		EXCLUDE 1.2 Connection asset	WO # Z71958C8
Perf Calc W/O B3 Trans during No3 66 Bus outage		SPIMAIN	29/11/09	07:11:00	29/11/09	17:52:00		B3 220/66KV TRANS AT GTS	10.683		EXCLUDE 1.2 Connection asset	WO # 10299735
Install New B3 Enclosure	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	30/11/09	05:19:00	30/11/09	13:27:00		B2 220/66KV TRANS AT CBTS	8.133		EXCLUDE 1.2 Connection asset	WO # Z71958C9
Rebate Tran for Bus Outage	Z905 - (TBTS) UPGRADE DMA 1&2 FEEDER EXIT RATINGS	DB_AUG	30/11/09	07:02:00	30/11/09	11:06:00		B1 220/66KV TRANS AT TBTS	4.067		EXCLUDE 1.2 Connection asset	WO # 10319793
Rebate CapBank for Bus Outage	Z905 - (TBTS) UPGRADE DMA 1&2 FEEDER EXIT RATINGS	DB_AUG	30/11/09	07:02:00	30/11/09	11:06:00		NO.1 66KV CAPACITOR BANK AT TBTS	4.067		EXCLUDE 1.1 Unregulated transmission asset	WO # 10319794
Trans Rebate		SPIMAIN	30/11/09	07:08:00	30/11/09	14:25:00		B2 220/66KV TRANS AT RWTS	7.283		EXCLUDE 1.2 Connection asset	WO # 10319833

Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	2/12/09	07:02:00	3/12/09	17:02:00		B1 220/66KV TRANS AT RTS	34.000		EXCLUDE 1.2 Connection asset	WO # V99058A4
HVS: APD-HYTS 1 Line outage for APD	Outage requested by APDALCOA	APDALCOA	2/12/09	08:01:00	2/12/09	08:40:00		HYTS NO.1 500KV LINE AT APD	0.650		EXCLUDE 1.3 Third party outage	WO # 10320285
Repair oil leaks		SPIMAIN	3/12/09	06:55:00	3/12/09	16:38:00		R1 220/66/22KV TRANS GROUP AT RCTS	9.717		EXCLUDE 1.2 Connection asset	WO # 10319683
HVS: APD-HYTS 2 Line outage for APD	Outage requested by APDALCOA	APDALCOA	3/12/09	08:00:00	3/12/09	08:32:00		HYTS NO.2 500KV LINE AT APD	0.533		EXCLUDE 1.3 Third party outage	WO # 10320286
Repair oil leaks		SPIMAIN	4/12/09	06:59:00	4/12/09	16:41:00		R1 220/66/22KV TRANS GROUP AT RCTS	9.700		EXCLUDE 1.2 Connection asset	WO # 10319683
TRANS REBATE FOR BUS OUTAGE	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	5/12/09	06:32:00	5/12/09	17:35:00		B1 220/66KV TRANS AT CBTS	11.050		EXCLUDE 1.2 Connection asset	WO # Z71958A8
Repair oil leaks		SPIMAIN	5/12/09	06:58:00	5/12/09	17:37:00		R2 220/66/22KV TRANS GROUP AT RCTS	10.650		EXCLUDE 1.2 Connection asset	WO # 10319684
Perf calc W/O No1 Tr grp during #1 22kV Bus outage		SPIMAIN	6/12/09	06:21:00	6/12/09	16:06:00		R1 220/66/22KV TRANS GROUP AT RCTS	9.750		EXCLUDE 1.2 Connection asset	WO # 10319702
TRANS REBATE FOR BUS OUTAGE	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	6/12/09	06:29:00	6/12/09	16:08:00		B1 220/66KV TRANS AT CBTS	9.650		EXCLUDE 1.2 Connection asset	WO # Z71958A2
INSTALL OVERHEAD GANTRY TO B3 TRANS	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	8/12/09	05:20:00	8/12/09	12:07:00		B2 220/66KV TRANS AT CBTS	6.783		EXCLUDE 1.2 Connection asset	WO # Z71958A6
INSTALL OVERHEAD GANTRY TO B3 TRANS	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	DB_AUG	9/12/09	05:37:00	9/12/09	10:55:00		B2 220/66KV TRANS AT CBTS	5.300		EXCLUDE 1.2 Connection asset	WO # Z71958A6
Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	9/12/09	08:23:00	9/12/09	18:05:00		B4 220/66KV TRANS AT RTS	9.700		EXCLUDE 1.2 Connection asset	WO # V99058A8
Replace Cooling Radiators	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	10/12/09	06:57:00	11/12/09	15:27:00		B1 220/66KV TRANS AT RTS	32.500		EXCLUDE 1.2 Connection asset	WO # V99058A7
IVESTIGATE AND REPAIR OIL LEAKES		SPIMAIN	11/12/09	13:02:00	11/12/09	15:46:00		B4 220/66KV TRANS AT KTS	2.733		EXCLUDE 1.2 Connection asset	WO # 10319930
CB Failure caused Trip of B1 Transf at SMTS		FAULT	13/12/09	00:52:00	13/12/09	07:40:00		B1 220/66KV TRANS AT SMTS	6.800		EXCLUDE 1.1 Unregulated transmission asset	WO # 10320558
Tran Rebate		SPIMAIN	13/12/09	08:08:00	13/12/09	14:35:00		B2 220/66KV TRANS AT TSTS	6.450		EXCLUDE 1.2 Connection asset	WO # 10320202
Outage requested by APD	Outage requested by APDALCOA	APDALCOA	15/12/09	08:01:00	15/12/09	15:26:00		HYTS-APD 2 500KV W	7.417		EXCLUDE 1.3 Third party outage	WO # 10320512
Outage requested by APD	Outage requested by APDALCOA	APDALCOA	16/12/09	08:00:00	16/12/09	13:16:00		HYTS-APD 1 500KV W	5.267		EXCLUDE 1.3 Third party outage	WO # 10320513
Stability Test on B3 220/66KV TRANS AT CBTS	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	SPICAPX	17/12/09	08:42:00	18/12/09	10:18:00		B3 220/66KV TRANS AT CBTS	25.600		EXCLUDE 1.1 Unregulated transmission asset	WO # Z71958D0
RECONNECT B2 TRANS	X727 - (TTS) B2 TRANSFORMER REPLACEMENT	SPICAPX	18/12/09	16:00:00	23/12/09	14:14:00		B2 220/66KV TRANS AT TTS	118.233		EXCLUDE 1.2 Connection asset	WO # X72758B8
Upgrade cool fans & their control equip B1 Tr	V990 - ASEA 150MVA TRANS COOLING SYSTEM OVERHAUL	SPIMAIN	19/12/09	05:16:00	19/12/09	14:23:00		B1 220/66KV TRANS AT KTS	9.117		EXCLUDE 1.2 Connection asset	WO # V99058A9
Rebate for Bus outage	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	VEN_AUG	19/12/09	06:15:00	19/12/09	19:45:00		B2 220/66KV TRANS AT CBTS	13.500		EXCLUDE 1.2 Connection asset	WO # Z71958C1
Rebate for Bus outage	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	VEN_AUG	20/12/09	06:15:00	20/12/09	15:47:00		B2 220/66KV TRANS AT CBTS	9.533		EXCLUDE 1.2 Connection asset	WO # Z71958C1
Commissioning B3 220/66KV TRANS AT CBTS	Z719 - (CBTS) 3RD CONNECTION ASSET TRANSFORMER	SPICAPX	20/12/09	14:58:00	20/12/09	18:18:00		B3 220/66KV TRANS AT CBTS	3.333		EXCLUDE 1.1 Unregulated transmission asset	WO # Z71958D2
REPLACE DEFECTIVE COOLING FAN		SPIMAIN	29/12/09	07:07:00	29/12/09	12:43:00		B2 220/66KV TRANS AT HTS	5.600		EXCLUDE 1.2 Connection asset	WO # 10320613

S2	Peak critical availability	De-Energised For APD at their request	Outage requested by APDALCOA	APDALCOA	21/01/09	12:00:00	21/01/09	12:35:00	APD NO.1 500KV LINE AT HYTS		0.583		EXCLUDE 2.3 Third party outage	WO # 10299880
		Kinglake Bushfires EPS-TTS 220kV Line Trip		BUSHFIRE	7/02/09	17:16:00	11/02/09	09:23:00	EPS -TTS 2 220KV N		22.000		EXCLUDE 2.4 Force majeure	WO # 10300485
		Kinglake Bushfires Failure of T493 at Strathewen		BUSHFIRE	7/02/09	17:19:00	12/02/09	17:08:00	DDTS-SMTS 1 330KV		39.133		EXCLUDE 2.4 Force majeure	WO # 10300481
		Kinglake Bushfires Failure of T493 at Strathewen		BUSHFIRE	7/02/09	17:27:00	10/02/09	21:30:00	SMTS NO.2 330KV LINE AT DDTS		21.500		EXCLUDE 2.4 Force majeure	WO # 10300483
		Kinglake Bushfires Rebuild of T493 at Strathewen		BUSHFIRE	12/02/09	09:31:00	12/02/09	16:15:00	DDTS NO.2 330KV LINE AT SMTS		5.250		EXCLUDE 2.4 Force majeure	WO # 10300597
		SCAP to PTH	Outage requested by APDALCOA	APDALCOA	18/02/09	08:24:00	18/02/09	14:09:00	GTS -PTH 1 220KV WY		3.150		EXCLUDE 2.3 Third party outage	WO # 10299993
		DPS 220kV Line de-energised for P/Stn	Outage requested by STHHYDRO	STHHYDRO	19/02/09	17:47:00	20/02/09	11:36:00	DPS -MBTS 220KV NW		4.817		EXCLUDE 2.3 Third party outage	WO # 10301698
		Insul Flashover HWTS due Black Rain from Bushfires		BUSHFIRE	4/03/09	22:54:00	5/03/09	21:55:00	LYPS NO.1 500KV LINE AT HWTS		10.917		EXCLUDE 2.4 Force majeure	WO # 10301455
		Outage requested by APD	Outage requested by APDALCOA	APDALCOA	15/12/09	08:01:00	15/12/09	15:26:00	HYTS-APD 2 500KV W		4.433		EXCLUDE 2.3 Third party outage	WO # 10320512
		Outage requested by APD	Outage requested by APDALCOA	APDALCOA	16/12/09	08:00:00	16/12/09	13:16:00	HYTS-APD 1 500KV W		2.267		EXCLUDE 2.3 Third party outage	WO # 10320513
S3	Peak non-critical availability	Install No1 66kv Reactor on foundation	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	15/01/09	11:10:00	15/01/09	17:22:00	EX - NO.1 66KV REACTOR AT HOTS		6.200		EXCLUDE 3.7 Shunt reactor	WO # X72458A3
		Install No1 66kv Reactor on foundation	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	16/01/09	07:56:00	16/01/09	13:20:00	EX - NO.1 66KV REACTOR AT HOTS		2.333		EXCLUDE 3.7 Shunt reactor	WO # X72458A3
		Instlla concrete poles adjacent to No1 Reactor	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	5/02/09	13:20:00	5/02/09	14:08:13	EX - NO.1 66KV REACTOR AT HOTS		0.804		EXCLUDE 3.7 Shunt reactor	WO # X72458A4
		Install concrete poles adjacent to No1 Reactor	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	6/02/09	09:03:00	6/02/09	12:06:00	EX - NO.1 66KV REACTOR AT HOTS		1.100		EXCLUDE 3.7 Shunt reactor	WO # X72458A5
		NEMMCO requested EPS-MBTS No1 220KV Line off load	Outage requested by NEMMCO	SW_NEM	9/02/09	01:44:00	11/02/09	19:36:00	MBTS NO.1 220KV LINE AT EPSY		30.600		EXCLUDE 3.5 Switching to control voltages	WO # 10300511
		Install overhead conductors to Fut No1 Reactor	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	10/03/09	11:32:00	10/03/09	17:45:00	EX - NO.1 66KV REACTOR AT HOTS		6.217		EXCLUDE 3.7 Shunt reactor	WO # X72458A6
		Install overhead conductors to Fut No1 Reactor	X724 - (HOTS) NO.1 SHUNT REACTOR REPLACEMENT	SPICAPX	11/03/09	09:48:00	11/03/09	15:48:00	EX - NO.1 66KV REACTOR AT HOTS		4.800		EXCLUDE 3.7 Shunt reactor	WO # X72458A6
		O/Haul NO.2 66KV REACTOR AT RCTS		SPIMAIN	1/12/09	07:15:00	1/12/09	15:24:00	NO.2 66KV REACTOR AT RCTS		4.400		EXCLUDE 3.7 Shunt reactor	WO # 10289642
S4	Intermediate critical availability	Loss of JLTS No1 Bus due to JLGS B Stn Remote Trip	Outage requested by GENCO	REM_TRIP	29/06/09	09:18:00	29/06/09	09:33:00	HWPS-JLTS 1 220KV G		0.250		EXCLUDE 4.3 Third party outage	WO # 10309479
		Outage Requested by APD to insul wash	Outage requested by APDALCOA	APDALCOA	9/07/09	08:38:00	9/07/09	09:29:00	HYTS-APD 2 500KV W		0.850		EXCLUDE 4.3 Third party outage	WO # 10309614
		Out W/O 220kV Shunt reactor CB Sf6 sample		SPIMAIN	10/06/09	07:42:00	10/06/09	09:22:00	220KV SHUNT REACTOR AT MLTS		1.667		EXCLUDE 5.7 Shunt reactor	WO # 10301838
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	25/06/09	06:45:00	25/06/09	17:16:00	HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS		10.267		EXCLUDE 5.7 Shunt reactor	WO # X7E458C7
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	26/06/09	06:46:00	26/06/09	16:36:00	HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS		9.600		EXCLUDE 5.7 Shunt reactor	WO # X7E458C7

S5	Intermediate non-critical availability	Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	6/07/09	06:56:00	6/07/09	15:17:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	8.283		EXCLUDE 5.7 Shunt reactor	WO # X7E458C9
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	7/07/09	06:45:00	7/07/09	18:28:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	11.467		EXCLUDE 5.7 Shunt reactor	WO # X7E458C9
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	21/07/09	06:46:00	21/07/09	16:42:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	9.700		EXCLUDE 5.7 Shunt reactor	WO # X7E458D4
		OVERHAUL OF A 220KV SHUNT REACTOR		SPIMAIN	21/07/09	07:14:00	21/07/09	15:55:00		220KV SHUNT REACTOR AT MLTS	8.683		EXCLUDE 5.7 Shunt reactor	WO # 10291289
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	22/07/09	06:45:00	22/07/09	14:47:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	7.783		EXCLUDE 5.7 Shunt reactor	WO # X7E458D4
		OVERHAUL OF A 220KV SHUNT REACTOR		SPIMAIN	22/07/09	07:00:00	22/07/09	15:30:00		220KV SHUNT REACTOR AT MLTS	8.500		EXCLUDE 5.7 Shunt reactor	WO # 10291289
		OVERHAUL OF A 220KV SHUNT REACTOR		SPIMAIN	23/07/09	07:20:00	23/07/09	16:59:00		220KV SHUNT REACTOR AT MLTS	9.650		EXCLUDE 5.7 Shunt reactor	WO # 10291289
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	28/07/09	06:48:00	28/07/09	16:39:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	9.650		EXCLUDE 5.7 Shunt reactor	WO # X7E458D9
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	29/07/09	07:00:00	29/07/09	19:00:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	12.000		EXCLUDE 5.7 Shunt reactor	WO # X7E458D9
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	30/07/09	07:00:00	30/07/09	19:15:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	12.250		EXCLUDE 5.7 Shunt reactor	WO # X7E458D9
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	4/08/09	06:45:00	4/08/09	17:47:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	10.783		EXCLUDE 5.7 Shunt reactor	WO # X7E458E4
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	5/08/09	06:53:00	5/08/09	18:00:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	11.000		EXCLUDE 5.7 Shunt reactor	WO # X7E458E4
		Out W/O 220kV Sh React works by Wilsons		SPIMAIN	10/08/09	06:57:00	20/08/09	14:39:00		220KV SHUNT REACTOR AT MLTS	127.650		EXCLUDE 5.7 Shunt reactor	WO # 10315642
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	11/08/09	07:01:00	11/08/09	17:40:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	10.650		EXCLUDE 5.7 Shunt reactor	WO # X7E458G0
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	12/08/09	06:47:00	12/08/09	17:15:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	10.250		EXCLUDE 5.7 Shunt reactor	WO # X7E458G0
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	18/08/09	06:45:00	18/08/09	18:16:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	11.267		EXCLUDE 5.7 Shunt reactor	WO # X7E458F0
		Out W/O No2 66kV React CB test & adjust by ABB	V952 - ADJUST & COMMISSION 12 66KV LTB CBS	SPIMAIN	24/08/09	07:00:00	24/08/09	15:12:00		NO.2 66KV REACTOR AT HOTS	8.200		EXCLUDE 5.7 Shunt reactor	WO # V95258B1
		Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS, HYTS, APD, TGTS) INSTALL DIGITAL COMMS	SPICAPX	28/08/09	07:04:00	28/08/09	17:40:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	10.600		EXCLUDE 5.7 Shunt reactor	WO # X7E458F5
		Out W/O No3 66kV React CB test & adjust by ABB	V952 - ADJUST & COMMISSION 12 66KV LTB CBS	SPIMAIN	31/08/09	07:00:00	31/08/09	15:57:00		NO.3 66KV REACTOR AT RCTS	8.950		EXCLUDE 5.7 Shunt reactor	WO # V95258A5

	Rebate W/O Shunt React, MLTS-HYTS 1 LN Outage	X7E4 - (MLTS,HYTS,APD,TGTS) INSTALL DIGITAL COMMS	SPICAPX	31/08/09	07:16:00	31/08/09	17:43:00		HYTS NO.1 500KV LINE SHUNT REACTOR AT MLTS	10.450		EXCLUDE 5.7 Shunt reactor	WO # X7E458G5
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LOSS OF SUPPLY EVENT FREQUENCY	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date	Start time	End date	End time	Circuits affected	Maximum system demand	Quantitative impact	Demand shed and time	Reasons for exclusion request	Further references
Name of any loss of supply parameters applying to Powerlink	Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP assets damaged or interrupted.	A description of the cause of the event	Start date and time of event		End date and time of event		Name of circuits or plant affected	The max system demand that occurred up until the time of the event	Number of hours, mins etc interrupted	The (MW) demand shed and the duration it was shed for.	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.
S6	Loss of supply event frequency (No. of events > 0.05 system)												
S7	Loss of supply event frequency (No. of events > 0.3 system)												

AVERAGE OUTAGE DURATION	Event proposed for exclusion	Description of the event and its impact on the network and performance	Cause of the event	Start date	Start time	End date	End time	Circuits affected	Quantitative impact	Capped impact (if applicable)	Reasons for exclusion request	Further references
Name of any average outage duration parameters applying to SP AusNet	Name of the event	Detail of the event. Such as: the action of any third parties, the actions of the TNSP assets damaged or interrupted.	A description of the cause of the event	Start date and time of event		End date and time of event		Name of circuits or plant affected	Number of hours, mins etc interrupted	Impact following any applicable cap	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.
S8	Average outage duration (lines)	Bushfires in Bunyip State Forrest at Labatouche	BUSHFIRE	7/02/09	16:35:00	8/02/09	15:18:00	SMTS NO.1 500KV LINE AT HWTS	22.717		EXCLUDE 6.4 Force majeure	WO # 10300480, SIR # 10300468
		Kinglake Bushfires EPS-TTS 220kV Line Trip	BUSHFIRE	7/02/09	17:16:00	11/02/09	09:23:00	EPS -TTS 2 220KV N	88.117		EXCLUDE 6.4 Force majeure	WO # 10300485, SIR # 10300476
		Kinglake Bushfires Failure of T493 at Strathewen	BUSHFIRE	7/02/09	17:19:00	12/02/09	17:08:00	DDTS-SMTS 1 330KV	119.817		EXCLUDE 6.4 Force majeure	WO # 10300481, SIR # 10300476
		Kinglake Bushfires Failure of T493 at Strathewen	BUSHFIRE	7/02/09	17:22:00	7/02/09	17:25:00	SMTS NO.2 330KV LINE AT DDTS	0.050		EXCLUDE 6.4 Force majeure	WO # 10300482, SIR # 10300476
		Kinglake Bushfires Failure of T493 at Strathewen	BUSHFIRE	7/02/09	17:27:00	10/02/09	21:30:00	SMTS NO.2 330KV LINE AT DDTS	76.050		EXCLUDE 6.4 Force majeure	WO # 10300483, SIR # 10300476
		Trip due to Bushfires in Myrtleford area	BUSHFIRE	8/02/09	00:41:00	8/02/09	12:24:00	DDTS-GNTS 1 220KV NW	11.717		EXCLUDE 6.4 Force majeure	WO # 10300501, SIR # 10300491
		Trip due to Bushfire in Myrtleford area	BUSHFIRE	8/02/09	00:41:00	8/02/09	12:26:00	DDTS-GNTS 3 220KV NW	11.750		EXCLUDE 6.4 Force majeure	WO # 10300502, SIR # 10300491
		Kinglake Bushfires Rebuild of T493 at Strathewen	BUSHFIRE	12/02/09	09:31:00	12/02/09	16:15:00	DDTS NO.2 330KV LINE AT SMTS	6.733		EXCLUDE 6.4 Force majeure	WO # 10300597, SIR # 10300476
Insul Flashover HWTS due Black Rain from Bushfires	BUSHFIRE	4/03/09	22:54:00	5/03/09	21:55:00	LYPS NO.1 500KV LINE AT HWTS	23.017		EXCLUDE 6.4 Force majeure	WO # 10301455, SIR # 10301452		
S9	Average outage duration (transformers)	Tertiary Bushing failure B4 220/66KV Trans at ATS	FAULT	9/02/09	06:53:00	26/02/09	14:47:00	B4 220/66KV TRANS AT ATS	415.900		EXCLUDE 7.1 Unregulated transmission asset	WO # 10300515, SIR # 10300517
		WBTS B1 Trans Tripped unregulated	FAULT	4/03/09	22:54:00	4/03/09	23:30:00	B1 220/66KV TRANS AT WBTS	0.600		EXCLUDE 7.1 Unregulated transmission asset	WO # 10301453, SIR # 10301452
		WBTS B1 & B2 Trans Tripped anti Islanding comm alm	FAULT	18/06/09	08:36:00	18/06/09	10:06:00	B1 220/66KV TRANS AT WBTS	1.500		EXCLUDE 7.1 Unregulated transmission asset	WO # 10309253, SIR # 10309249
		WBTS B1 & B2 Trans Tripped anti Islanding comm alm	FAULT	18/06/09	08:36:00	18/06/09	10:06:00	B2 220/66KV TRANS AT WBTS	1.500		EXCLUDE 7.1 Unregulated transmission asset	WO # 10309256, SIR # 10309249

	CB Failure caused Trip of B1 Transf at SMTS		FAULT	13/12/09	00:52:00	13/12/09	07:40:00		B1 220/66KV TRANS AT SMTS	6.800		EXCLUDE 7.1 Unregulated transmission asset	WO # 10320558, SIR # 10320542

NOTES:

This worksheet should include a list all events that are proposed for exclusion.

Each proposed exclusion should include a description of the event, a description of the impact and quantification of the impact on the network and performance. The descriptive elements should also include reasons for the exclusion request making reference to the "Exclusion Definitions" worksheet.

Each exclusion should be entered onto one row for each parameter. Where one exclusion event applies to more than one parameter, the relevant details of the event should be entered under each of the measure headings.

The TNSP must provide details for all events requested for exclusion in this template. In the event that the TNSP wishes to provide further details of an exclusion, this should be provided with the TNSP's performance report. The source of information should be referenced in this template.

Green cells - input description impact

Orange cells - input reasons for the exclusion request

SP AUSNET- S1 - Total circuit availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Total circuit availability	98.10%	98.41%	98.73%	99.05%	99.30%
Weighting	-0.20%	-0.20%	0.00%	0.20%	-0.20%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.002000				When: Availability < 98.41%	-0.002000	-0.002000
	=	0.625000	x	Availability	+	98.41% ≤ Availability ≤ 98.73%	0.001603	0.001836
	=	0.625000	x	Availability	+	98.73% ≤ Availability ≤ 99.05%	0.001603	0.001836
	=	0.002000				99.05% < Availability	0.002000	0.002000

Performance Outcomes	=	Performance (Without Exclusions)	Performance (Exclusions)
Total circuit availability	=	98.986447%	99.023721%
S-Factor	=	0.160279%	0.183576%

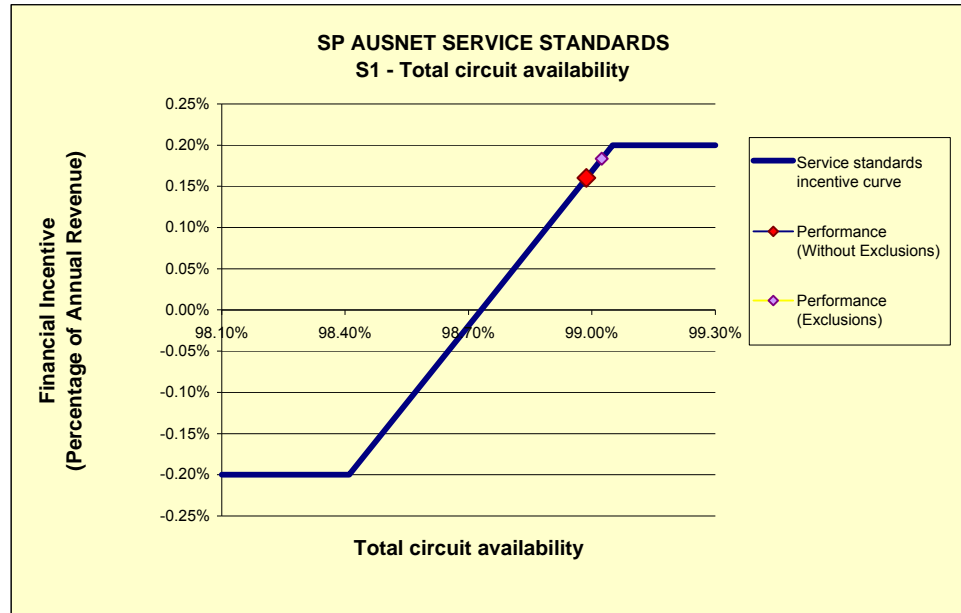
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SP AUSNET - S2 - Peak critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak critical availability	98.50%	98.62%	99.39%	99.78%	100.00%
Weighting	-0.20%	-0.20%	0.00%	0.20%	-0.20%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.002000				When: Availability < 98.62%	-0.002000	-0.002000
	=	0.259740	x	Availability	+	98.62% ≤ Availability ≤ 99.39%	0.000943	0.001186
	=	0.512821	x	Availability	+	99.39% ≤ Availability ≤ 99.78%	0.001861	0.002341
	=	0.002000				99.78% < Availability	0.002000	0.002000

Performance Outcomes	=	Performance (Without Exclusions)	Performance (Exclusions)
Peak critical availability	=	99.752982%	99.846423%
S-Factor	=	0.186145%	0.200000%

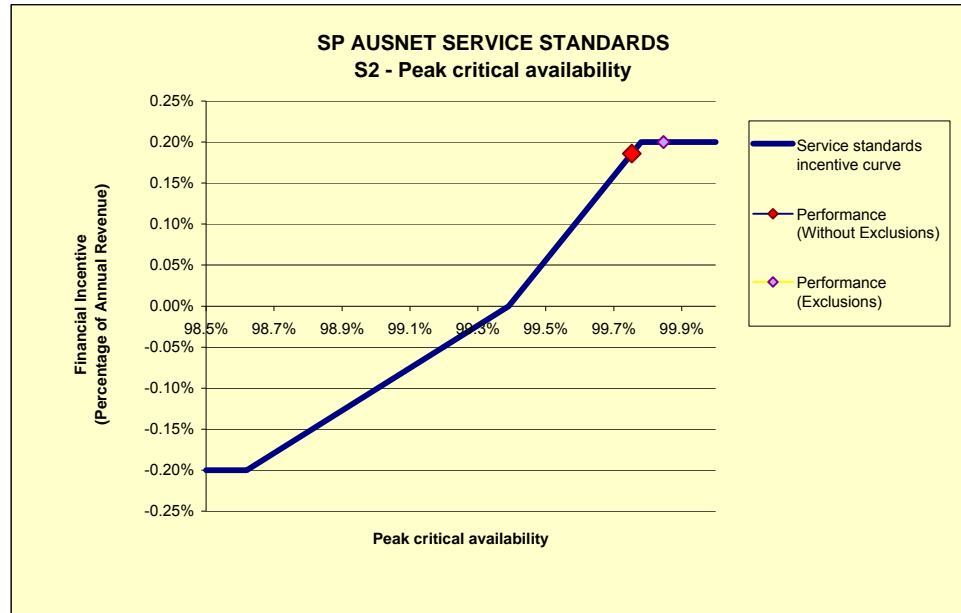
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SP AUSNET S3 - Peak non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Peak non-critical availability	98.70%	98.83%	99.40%	99.69%	100.00%
Weighting	-0.05%	-0.05%	0.00%	0.05%	-0.05%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.000500				When: Availability < 98.83%	-0.000500	-0.000500
	=	0.087719	x	Availability	+	98.83% ≤ Availability ≤ 99.40%	0.000383	0.000475
	=	0.172414	x	Availability	+	99.40% ≤ Availability ≤ 99.69%	0.000753	0.000935
	=	0.000500				99.69% < Availability	0.000500	0.000500

Performance Outcomes	=	Performance (Without Exclusions)	Performance (Exclusions)
Peak non-critical availability	=	99.836548%	99.942060%
S-Factor	=	0.050000%	0.050000%

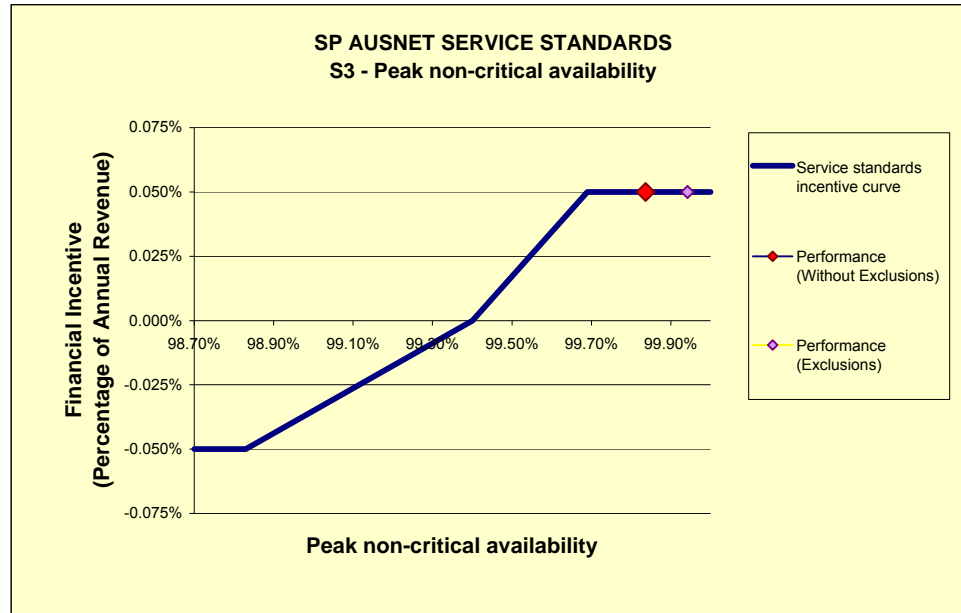
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SP AUSNET S4 - Intermediate critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate critical availability	98.50%	97.29%	98.67%	99.36%	100.00%
Weighting	-0.03%	-0.0250%	0.00%	0.0250%	-0.03%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.000250				When: Availability < 97.29%	-0.000250	-0.000250
	=	0.018116	x	Availability	+	97.29% ≤ Availability ≤ 98.67%	0.000070	0.000070
	=	0.036232	x	Availability	+	98.67% ≤ Availability ≤ 99.36%	0.000140	0.000140
	=	0.000250				99.36% < Availability	0.000250	0.000250

Performance Outcomes	=	Performance (Without Exclusions)	Performance (Exclusions)
Intermediate critical availability	=	99.056260%	99.057032%
S-Factor	=	0.013995%	0.014023%

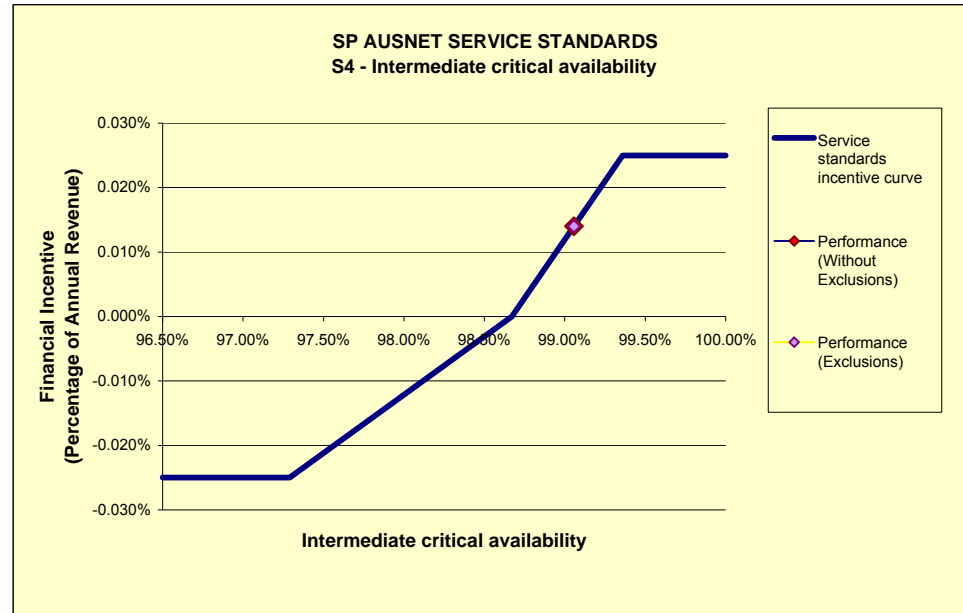
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SP AUSNET S5 - Intermediate non-critical availability

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Intermediate non-critical availability	97.00%	97.57%	98.73%	99.31%	100.00%
Weighting	-0.03%	-0.0250%	0.00%	0.0250%	-0.03%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.000250				When: Availability < 97.57%	-0.000250	-0.000250
	=	0.021552	x	Availability	+	97.57% ≤ Availability ≤ 98.73%	-0.000066	0.000051
	=	0.043103	x	Availability	+	98.73% ≤ Availability ≤ 99.31%	-0.000132	0.000102
	=	0.000250				99.31% < Availability	0.000250	0.000250

Performance Outcomes	=	Performance (Without Exclusions)	Performance (Exclusions)
Intermediate non-critical availability	=	98.422733%	98.966483%
S-Factor	=	-0.006622%	0.010193%

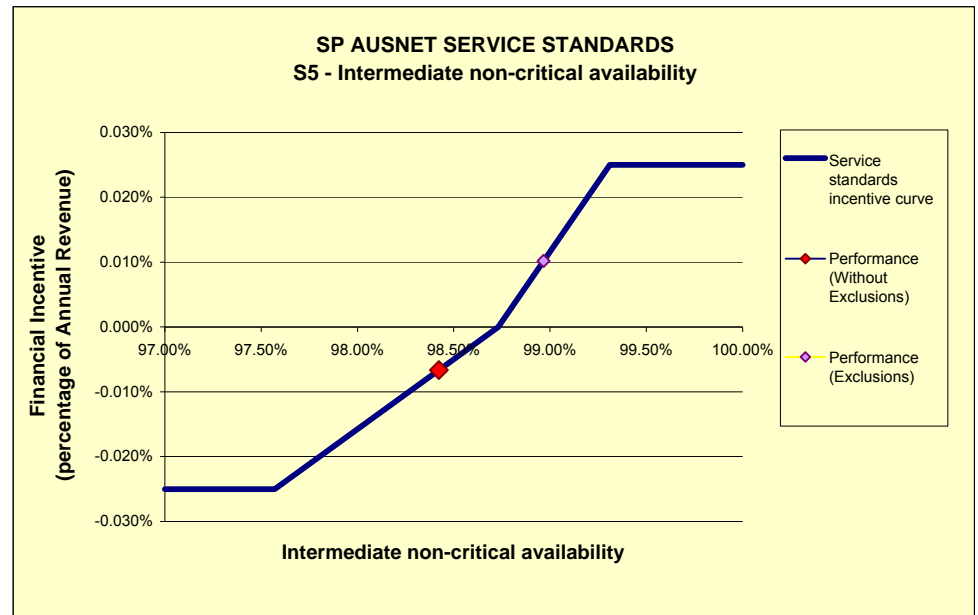
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SP AUSNET S6 - Loss of supply event frequency (no. of events > 0.05 system minutes per annum)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply (events > 0.05 system minutes)	10	9	6	3	2
Weighting	0.125%	-0.125%	0.00%	0.125%	0.125%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.001250				9.00 < No. of events	-0.001250	-0.001250
	=	-0.000417	x	No. of events	+	6.00 ≤ No. of events ≤ 9.00	0.000000	0.000000
	=	-0.000417	x	No. of events	+	3.00 ≤ No. of events ≤ 6.00	0.000000	0.000000
	=	0.001250				No. of events < 3.00	0.001250	0.001250

Loss of supply (events > 0.05 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply (events > 0.05 system minutes)	=	6.000000	6.000000
S-Factor	=	0.000000%	0.000000%

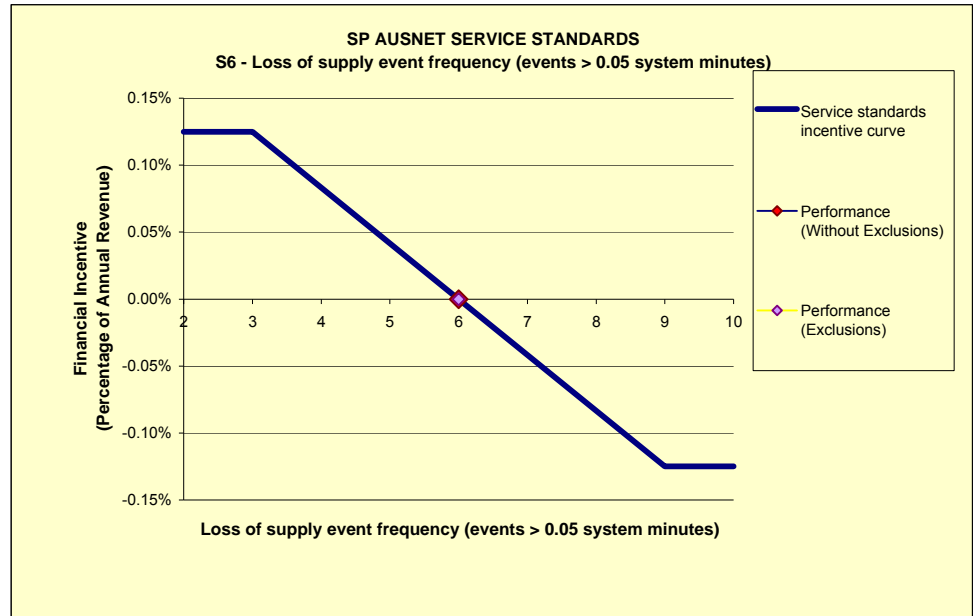
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SP AUSNET S7 - Loss of supply event frequency (no. of events > 0.3 system minutes per annum)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Loss of supply (events > 0.3 system minutes)	5	4	1	0	0
Weighting	-0.13%	-0.125%	0.00%	0.125%	-0.13%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.001250				4.00 < No. of events	-0.001250	-0.001250
	=	-0.000417	x	No. of events	+	1.00 ≤ No. of events ≤ 4.00	-0.000417	-0.000417
	=	-0.001250	x	No. of events	+	0.00 ≤ No. of events ≤ 1.00	-0.001250	-0.001250
	=	0.001250				No. of events = 0.00	0.001250	0.001250

Loss of supply (events > 0.3 system minutes)	=	Performance (Without Exclusions)	Performance (Exclusions)
Loss of supply (events > 0.3 system minutes)	=	2.000000	2.000000
S-Factor	=	-0.041667%	-0.041667%

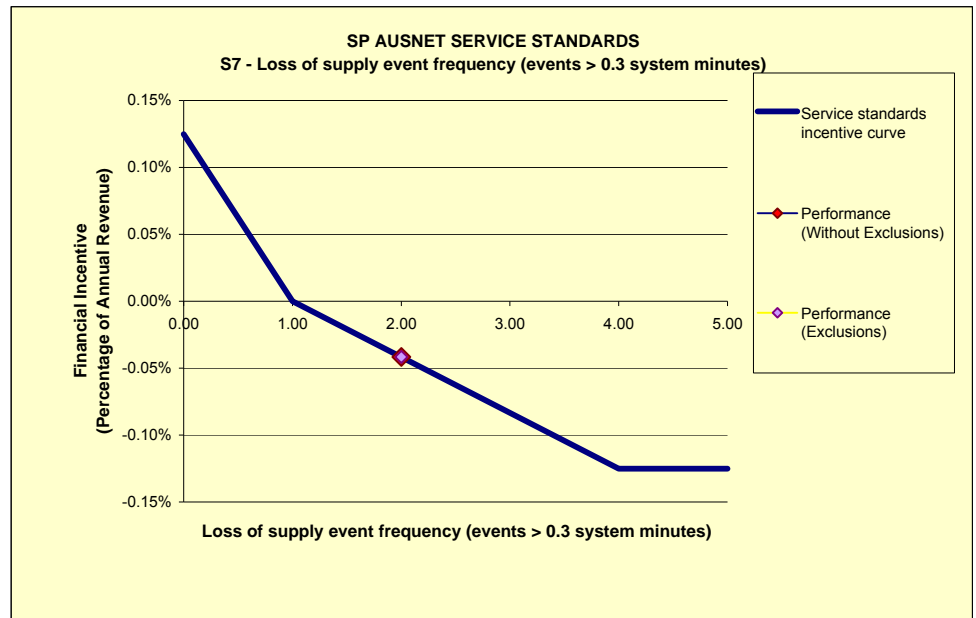
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SP AUSNET S8 - Average outage duration (lines)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration – lines (mins)	800	667	382	98	0
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae	Formulae					Conditions	S- Calc 1	S- Calc 2
Performance	=	-0.001250				667 < Duration	-0.001250	-0.001250
	=	-0.000004	x	Duration	+	382 ≤ Duration ≤ 667	0.000898	0.000898
	=	-0.000004	x	Duration	+	98 ≤ Duration ≤ 382	0.000901	0.000901
	=	0.001250				Duration < 98	0.001250	0.001250

Average outage duration – lines (mins)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration – lines (mins)	=	177.189655	177.189655
S-Factor	=	0.090145%	0.090145%

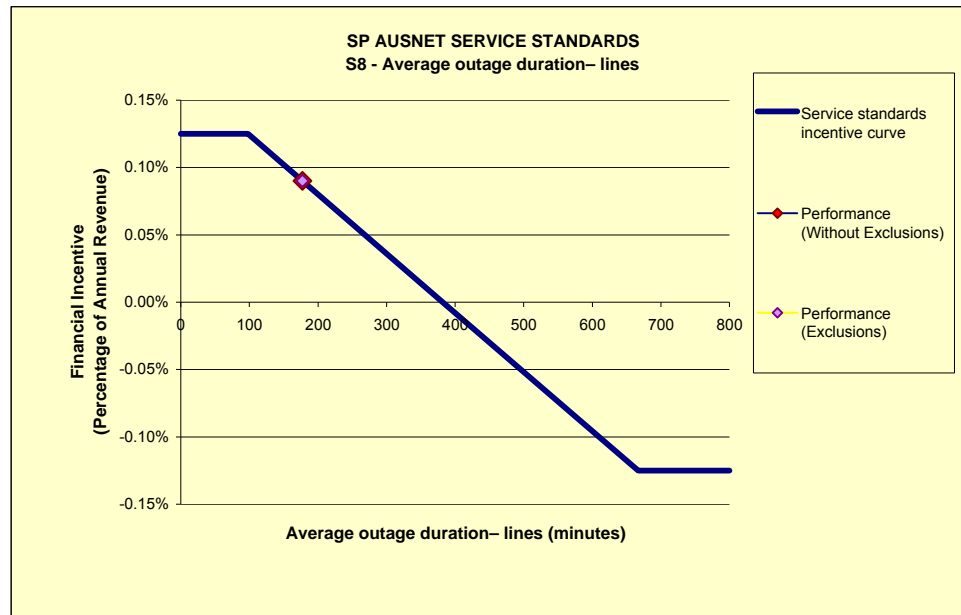
NOTE: This sheet will automatically update based on data in input sheets

Blue cells show SP AusNet's performance targets and weightings

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

Pink cells show SP AusNet's performance outcomes without any events excluded from performance data

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



SP AUSNET S9 - Average outage duration (transformers)

Performance Targets	Graph start	Collar	Target	Cap	Graph end
Average outage duration– transformers (mins)	700	556	412	268	100
Weighting	-0.13%	-0.125%	0.00%	0.125%	0.13%

Performance Formulae	Formulae						Conditions		S- Calc 1	S- Calc 2
Performance	=	-0.001250				556.00	<	Duration	-0.001250	-0.001250
	=	-0.000009	x	Duration	+	0.003576		412.00	≤	Duration ≤ 556.00
	=	-0.000009	x	Duration	+	0.003576		268.00	≤	Duration ≤ 412.00
	=	0.001250								Duration < 268.00
										0.000148 0.000148
										0.001250 0.001250

Average outage duration– transformers (mins)	=	Performance (Without Exclusions)	Performance (Exclusions)
Average outage duration– transformers (mins)	=	394.979592	394.979592
S-Factor	=	0.014775%	0.014775%

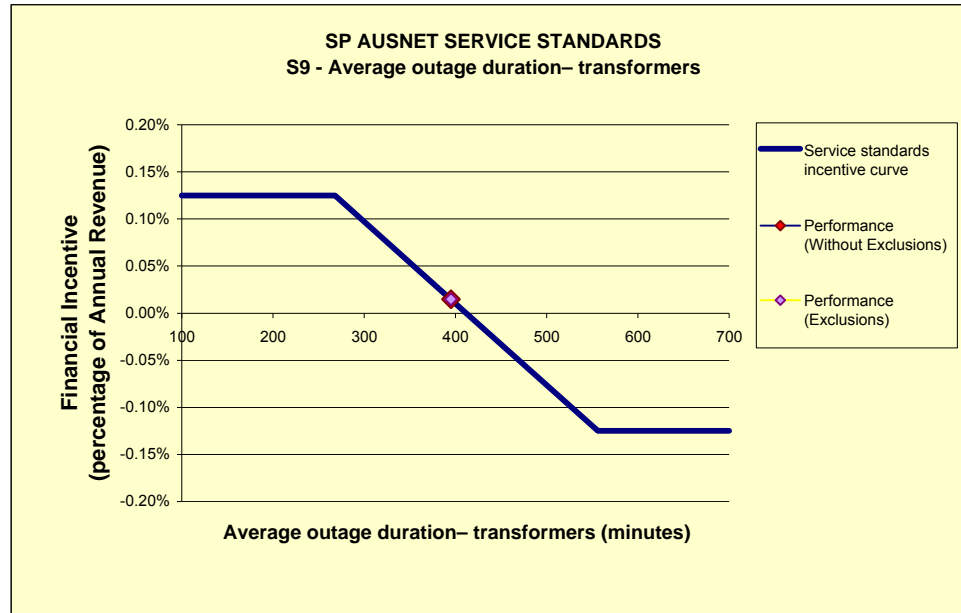
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Blue cells show SP AusNet's performance targets and weightings

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

Pink cells show SP AusNet's performance outcomes without any events excluded from performance data

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



SP AUSNET - Revenue Calculation

<i>Revenue cap information</i>	
Base year allowed revenue	\$454,974,504
Base year	2008-09
X-factor	-1.01%
Commencement of regulatory period	1-Apr-08

<i>Annual revenue adjusted for CPI</i>	Dec-07	Dec-08
CPI	160.1	166.0
	2008-09	2009-10
Allowed Revenue	\$454,974,504	\$476,505,796

<i>Calendar year revenue</i>	2008	2009
Revenue	\$454,974,504	\$471,122,973

NOTES:

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

Grey cells show calendar year revenue

Green cells are for formula

SP AUSNET- Performance outcomes

Revenue calendar year **\$471,122,973**

Performance parameter	S	Target	Performance without exclusions			Performance with exclusions			Impact of exclusions
			Performance	S-Factor	Final Incentive	Performance	S-Factor	Final Incentive	
Total circuit availability	S1	98.73%	98.986447%	0.160279%	\$755,113	99.023721%	0.183576%	\$864,868	0.023297%
Peak critical availability	S2	99.39%	99.752982%	0.186145%	\$876,971	99.846423%	0.200000%	\$942,246	0.013855%
Peak non-critical availability	S3	99.40%	99.836548%	0.050000%	\$235,561	99.942060%	0.050000%	\$235,561	0.000000%
Intermediate critical availability	S4	98.67%	99.056260%	0.013995%	\$65,933	99.057032%	0.014023%	\$66,065	0.000028%
Intermediate non-critical availability	S5	98.73%	98.422733%	-0.006622%	-\$31,198	98.966483%	0.010193%	\$48,023	0.016815%
Loss of supply event frequency (> 0.05 min)	S6	6	6	0.000000%	\$0	6	0.000000%	\$0	0.000000%
Loss of supply event frequency (> 0.3 min)	S7	1	2	-0.041667%	-\$196,301	2	-0.041667%	-\$196,301	0.000000%
Average outage duration– lines (mins)	S8	382	177	0.090145%	\$424,696	177	0.090145%	\$424,696	0.000000%
Average outage duration– transformers (mins)	S9	412	395	0.014775%	\$69,607	395	0.014775%	\$69,607	0.000000%
TOTALS				0.467050%	\$2,200,381		0.521045%	\$2,454,765	0.053995%

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	0.521045%
Financial Incentive	\$2,454,765
Financial year affected by financial incentive	2010-11