

### SAPP MAINTENANCE SCHEDULE - JANUARY 2013 TO DECEMBER 2013

From Date	To Date	Originating Utility	Affected Utilities	Equipment and Outage Description	Affected Station	Remarks
25/02/2013	01/03/2013	ZESA	BPC, Eskom	Insk-Phok Interconnector Annual maint	Insk/Phokoje	Daily release and return to service
26/02/2013	26/02/2013	BPC	ESKOM, ZESA	400kV Matimba - Phokoje line and isolator maintenance	Phokoje / Matimba	
27/02/2013	27/02/2013	BPC	ESKOM, ZESA, NAMPOWER	400kV Insukamini - Phokoje line and isolator maintenance	Insukamini / Phokoje	
01/03/2013		Eskom	NamPower	Harib No 1 220 kV Fdr Bay Maintenance	Aggeneis Substation	
01/03/2013		Eskom	NamPower	Harib No 1 220kV line bay maintenance		
2013/03/12 07:30	2013/03/14 16:00	Eskom	NamPower	Aggeneis 400kV bus coupler: Circuit breaker, measurement points and protection maintenance	Aggeneis	O,I&E
2013/03/18 08:00	2013/03/20 16:00	Eskom	NamPower	220kV Aggeneis-Harib no.1 line bay: Circuit breaker, CT, line trap and teleprotection maintenance.	Aggeneis	O,I&E
2013/03/25 08:00	2013/03/27 16:00	Eskom	NamPower	220kV Aggeneis-Harib no.2 line bay: Circuit breaker, CT, line trap and teleprotection maintenance.	Aggeneis, Harib	O,I&E
2013/04/02 08:00	2013/04/04 16:00	Eskom	NamPower	400kV Aries - Aggeneis line bay: Circuit breaker, CT, line trap and teleprotection maintenance.	Aggeneis and Harib	O,I&E
2013/04/13 08:00	2013/04/13 16:00	Eskom	NamPower	400kV Aries busbar 1: Isolator maintenance on 400kV Aries-Helios line.	Aries	O,I&E
13/04/2013	16/04/2013	SEC	SEC	Edwaleni transformer 2 maintenance	Edwaleni	Stay out (O,I&E)
2013/04/14 08:00	2013/04/14 16:00	Eskom	NamPower	400kV Aries busbar 2: Isolator maintenance on 400kV Aries-Helios line.	Aries	O,I&E
14/04/2013	14/04/2013	ZESCO	CEC	Luano 330/220kV transformer T7A maintenance, plus terminal equipment.	Luano	
15/04/2013	27/04/2013	NamPower	ZESCO	HVDC Link Open, Isolated and Earthed for Annual Maintenance	Zambezi and Gerus s/s	No imports from ZESCO from 08:00 - 20:00
21/04/2013	21/04/2013	ZESCO	CEC	Luano 330/220kV transformer T7B maintenance, plus terminal equipment.	Luano	
29/04/2013	30/04/2013	BPC	ESKOM	400kV Phokoje reactor isolator maintenance	Phokoje	
12/05/2013	12/05/2013	ZESCO		330kV Leopards Hill - Kabwe #2 line and terminal equipment maintenance	Kabwe / Leopalds Hill	
15/05/2013	15/05/2013	Eskom	EDM	275kV Komatipoort bus bars no.1 &2: bay maintenance	Komatipoort / Infulene	
19/05/2013	19/05/2013	ZESCO	CEC	Luano 330/220kV transformer T8A maintenance, plus terminal equipment.	Luano	
26/05/2013	26/05/2013	ZESCO		330kV Leopards Hill - Kabwe #3 line and terminal equipment maintenance	Kabwe / Leopalds Hill	

02/06/2013 & 23/06/2013	02/06/2013 & 23/06/2013	ZESCO		330kV Kitwe - Kabwe #3 line and terminal equipment maintenance	Kabwe / Kitwe	
09/06/2013	09/06/2013	ZESCO	CEC	Kitwe 330/220kV transformer T8AB maintenance, plus terminal equipment.	Kitwe	
15/06/2013	15/06/2013	Eskom	BPC	132kV Spitskop - Dwaalboom, Spitskop - Gaborone South, Spitskop - Segoditshane lines: metering verification	Dwaalboom / Spitskop / Gaborone South / Segoditshane	
23/06/2013	23/06/2013	ZESCO	CEC	Kitwe 330/220kV transformer T7A maintenance, plus terminal equipment.	Kitwe	
07/07/2013	07/07/2013	ZESCO		330kV Leopards Hill - Kafue Gorge #1 line and terminal equipment maintenance	Leopards Hill / Kafue Gorge	
14/07/2013	14/07/2013	ZESCO		330kV Leopards Hill - Kariba North #2 line and terminal equipment maintenance	Leopards Hill / Kariba North	
2013/07/15 08:00	2013/07/17 16:00	Eskom	NamPower	400kV Aries bus coupler breaker: Measurement, protection & SCADA maintenance	Aries	
04/08/2013	04/08/2013	ZESCO	CEC	Kitwe 330/220kV transformer T8B maintenance, plus terminal equipment.	Kitwe	
11/08/2013 & 22/09/2013	11/08/2013 & 22/09/2013	ZESCO	CEC	Kitwe 330/220kV transformer T9A maintenance, plus terminal equipment.	Kitwe	
11/08/2013	11/08/2013	ZESCO		330kV Leopards Hill - Kafue West line and terminal equipment maintenance	Leopards Hill / Kafue West	
15/08/2013	15/08/2013	Eskom	BPC	132kV Spitskop - Gaborone South lines: circuit breaker and isolator maintenance	Spitskop, Gaborone South	
21/08/2013	21/08/2013	BPC	ESKOM	132kV Spitskop - Segoditshane line and isolator maintenance.	Spitskop / Segoditshane	
04/09/2013	04/12/2013	SEC	SEC	Edwaleni transformer 1 maintenance	Edwaleni	Stay out (O,I&E)
08/09/2013	08/09/2013	ZESCO		330kV Leopards Hill - Kabwe #2 line and terminal equipment maintenance	Leopards Hill / Kabwe	
15/09/2013	15/09/2013	ZESCO		330kV Kitwe - Kabwe #2 line and terminal equipment maintenance	Kitwe / Kabwe	
15/09/2013 05H00	15/09/2013 - 17H00	HCB	ZESA	330kV Songo - Bindura line maintenance	Songo / Bindura	Energy interchange transactions from HCB will be curtailed.
18/09/2013	18/09/2013	BPC	ESKOM	132kV Spitskop - Gaborone South line and isolator maintenance.	Spitskop / Gaborone South	
22/09/2013	22/09/2013	ZESCO		330kV Leopards Hill - Kafue Gorge #2 line and terminal equipment maintenance	Leopards Hill / Kafue Gorge	
25/09/2013	25/09/2013	BPC	ESKOM	132kV Dwaalboom - Gaborone South line and isolator maintenance. 132KV LINE	Dwaalboom / Gaborone South	

15/09/2013 06H00	15/09/2013 18H00	HCB	ZESA	330kV Songo - Bindura line maintenance	Songo / Bindura	Energy interchange transactions from HCB will be curtailed.
29/09/2013 06H00	29/09/2013 18H00	HCB	ZESA	330kV Songo - Bindura line maintenance	Songo / Bindura	Energy interchange transactions from HCB will be curtailed.
29/09/2013	29/09/2013	ZESCO	CEC	Kitwe 330/220kV transformer T9A maintenance, plus terminal equipment.	Kitwe	
07/10/2013	11/10/2013	ZESCO / ZESA	ZESCO / ZESA	330kV Kariba North - Kariba South #1 line and terminal equipment maintenance	Kariba North/ Kariba South	
14/10/2013	18/10/2013	ZESCO / ZESA	ZESCO / ZESA	330kV Kariba North - Kariba South #2 line and terminal equipment maintenance	Kariba North/ Kariba South	
15/10/2013	15/10/2013	Eskom	BPC	132kV Spitskop - Dwaalboom line: protection system maintenance	Dwaalboom / Spitskop	
18/10/2013	18/10/2013	LEC	ESKOM	132kV Mabote 1- Maseru Bulk 1 line and terminal equipment maintenance	Mabote	
19/10/2013	19/10/2013	LEC	ESKOM	132kV Mabote 2 - Maseru Bulk 2 line and terminal equipment maintenance	Mabote	
02/11/2013	17/2/2013	SEC	SEC / ESKOM	Edwaleni SCADA maintenance	Edwaleni	Station off Supervisory
03/11/2013	03/11/2013	ZESCO		330kV Leopards Hill - Kabwe #1 line and terminal equipment maintenance	Kabwe / Leopalds Hill	
15/11/2013	15/11/2013	Eskom	BPC, Eskom	Matimba Phokoje No1 400kV Line	Matimba, Phok	
17/11/2013	17/11/2013	ZESCO		330kV Leopards Hill - Kariba North #1 line and terminal equipment maintenance	Kariba North/ Leopalds Hill	
19/11/2013	20/11/2013	BPC	ZESA	220kV Bulawayo - Francis Town line, isolator and circuit breaker maintenance	Bulawayo / Francis Town	
24/11/2013	24/11/2013	ZESCO		330kV Luano - Kabwe #1 line and terminal equipment maintenance	Luano / Kabwe	
2013/03/05 08:00	2013/03/07 16:00	Eskom	NamPower	Aggeneis 220kV bus coupler no.1: Circuit breaker, measurement points and protection maintenance	Aggeneis	O,I&E
15/03/2014	15/03/2014	Eskom	EDM	132kV Komatipoort - Corumane 132/110kV transformer bay: protection system maintenance	Komatipoort / Corumane	