



# OUTAGES FOR 2014

## Level A: Substation down

[Effect: All electricity to Midrand-Estates interrupted]

Foreseen	Date	Duration	Cause	Remedy
A1.1	Sunday, 02/11/2014 @ 18:00	00:10:00	Eskom load shedding (Majuba accident)	-
A1.2	Friday, 05/12/2014 @ 14:00	02:17:00	Eskom load shedding Stage 3	-
A1.3	Friday, 05/12/2014 @ 18:00	02:30:00	Eskom load shedding Stage 3	-
A1.4	Saturday, 06/12/2014 @ 12:00	02:30:00	Eskom load shedding Stage 3	-
A1.5	Saturday, 06/12/2014 @ 18:00	02:30:00	Eskom load shedding Stage 3	-
A1.6	Sunday, 07/12/2014 @ 12:00	02:30:00	Eskom load shedding Stage 2	-
A1.7	Monday, 08/12/2014 @ 12:00	02:30:00	Eskom load shedding Stage 2	-
Unforeseen	Date	Duration	Cause	Remedy
A2.1	Thursday, 06/03/2014 @ 12:30	01:30:00	Eskom load shedding	-
A2.2	Thursday, 24/04/2014 @ 18:10	00:00:03	Eskom fault	Follow up reason for power interruption
A2.3	Thursday, 24/04/2014 @ 18:14	00:26:00	Eskom fault	Follow up reason for power interruption
A2.4	Thursday, 24/04/2014 @ 19:00	00:00:01	Eskom fault	Follow up reason for power interruption
A2.5	Friday, 20/06/2014 @ 08:40	00:12:00	Eskom trip	-



# OUTAGES FOR 2014

**Level B:** Supply from a breaker at Substation interrupted

[Effect: Larger portion of an Estate without electricity]

Foreseen	Date	Duration	Feeder	Cause	Remedy
B1.1	Monday, 14/04/2014 @ 11h00	01:00:00	Midstream	Search cable fault	Repair cable fault
B1.2	Monday, 14/04/2014 @ 15h30	00:40:00	Midstream	Search cable fault	Repair cable fault
B1.3	Wednesday, 16/04/2014 @ 14h00	01:15:00	Midstream	Repair cable fault	
B1.4	Wednesday, 30/07/2014 @ 13h45	00:30:00	Midstream	Urgent Maintenance	
B1.5	Friday, 01/08/2014 @ 14h15	00:55:00	Midstream	Urgent Maintenance	
B1.6	Sunday, 02/11/2014 @ 12:00	00:30:00	Mini-Subs <u>not</u> affected: 6-9; 18; 23-30; 44; 46; 49-50; 55-57; 60-61; 72-74; 77-78	Eskom Loadshedding	-
B1.7	Sunday, 02/11/2014 @ 18:10	00:25:00	Midstream Feeder 2 (Mini-Subs affected: 6-9; 18; 23-30; 60-61)	Eskom Loadshedding	-
B1.8	Friday, 21/11/2014 @ 18:10	00:15:00	Midstream Feeder 2 + Midlands Feeder 4-5 (Mini-Subs affected: 6-8; 18; 44; 46; 49-50; 55-57; 60-62; 67-70; 72-74; 77-78)	Eskom Loadshedding	-
B1.9	Friday, 21/11/2014 @ 18:10	00:30:00	Mini-Subs affected: MS23-27; MS29-30	Eskom Loadshedding	-
B1.10	Sunday, 23/11/2014 @ 12:05	00:25:00	Midstream Feeder 1 + Midfield Feeder 1-2 + Midlands Feeder 1-3;6 (Mini-Subs affected: 1-5; 10-12; 14-17; 19-22; 30-43; 45; 47-48; 51-54; 58-59; 63-66; 71; 75-76; 79-83; 86-94)	Eskom Loadshedding	-
B1.11	Monday, 08/12/2014 @ 07:30	10:15:00	Midstream	Upgrade / Maintenance	-
B1.12	Tuesday, 09/12/2014 @ 08:00	03:00:00	Midstream	Upgrade / Maintenance	-
Unforeseen	Date	Duration	Feeder	Cause	Remedy
B2.1	Saturday, 12/04/2014 @ 14h30	01:30:00	Midstream Feeder 1	Cable fault	Switch over to Midstream feeder 2. Search and repair cable fault
B2.2	Wednesday, 11/06/2014 @ 11h30	01:00:00	Midlands Feeder 2 (Mini-Subs affected: 47-48; 51-54; 79-81)	Faulty T-switch at MS47	Replace T-swith. (Mini-Sub 47 total outage: 4.5hours)
B2.3	Thursday, 19/06/2014 @ 14h25	00:15:00	Midlands Feeder 6 (Mini-Subs affected: 41-43; 45; 58-59; 75-76; 82-83)	Switch fault	
B2.4	Tuesday, 29/07/2014 @ 22h20	02:00:00	Midstream Feeder 1 (Mini-Subs affected: 1-5; 10-12; 14-17; 19-22)	Cable fault	Switch over to Midstream feeder 2. Search and repair cable fault