



Midstream Electrical Supplies (Pty) Ltd

OUTAGES FOR 2016

LEVEL A: Substation down [Effect: All electricity to Midstream interrupted]

Foreseen	Date	Duration	Cause
A1.1	Sunday, 17/04/2016 @ 17h05	00:43:00	Eskom to switch power back to main supply line. (Scheduled time between 16h00 and 16h30)
Unforeseen	Date	Duration	Cause
A2.1	Friday, 05/02/2016 @ 21:36	00:08:00	Eskom fault on 88kV line, switch power off and reconnect to other line
A2.2	Saturday, 06/02/2016 @ 18:30	00:05:00	Eskom repaired 88kV fault, power switch back to normal position
A2.3	Sunday, 17/04/2016 @ 09h00	00:19:00	Emergency shutdown by Eskom, Midstream reconnected to other line
A2.4	Sunday, 17/04/2016 @ 17h52	00:12:00	Eskom experience problems in switching power back to main supply line
A2.5	Sunday, 17/04/2016 @ 19h18	00:25:00	Eskom experience problems in switching power back to main supply line
A2.6	Monday, 18/04/2016 @ 13h17	00:30:00	Eskom switched power back to main supply line.
A2.7	Friday, 22/04/2016 @ 18h32	00:50:00	Eskom switching
A2.8	Saturday, 23/04/2016 @ 16h25	00:07:00	Eskom swithed power back to main supply line
A2.9	Monday, 13/06/2016 @ 18h17	00:13:00	Eskom trip
A2.10	Tuesday, 02/08/2016 @ 18h02	00:25:00	Eskom trip
A2.11	Wednesday, 09/11/2016 @ 18h27	00:00:02	Eskom dip



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OUTAGES FOR 2016

LEVEL B: Supply from a breaker at Substation interrupted **[Effect: Large portion of an Estate without electricity]**

Foreseen	Date	Duration	Feeder	Cause	Remedy
B1.1					
B1.2					
Unforeseen	Date	Duration	Feeder	Cause	Remedy
B2.1	Sunday, 01/05/2016 @ 00h10	02:00:00	Incomer 2	Eskom fault	Following up with Eskom
B2.2	Thursday, 30/06/2016 @ 11h17	01:06:00	Midlands Feeder 2 (MS47,48,51,53,54,71,79-81)	Trip: Replace t-switch MS71	
B2.3	Thursday, 30/06/2016 @ 11h18	02:30:00	Midstream Ridge Feeder 2 (MS95,96,97,100-101)	Trip: Replace monoblock MS100	
B2.4	Sunday, 17/07/2016 @ 21h30	02:30:00	Midstream Feeder 1 (MS14-17;19-22)	Cable fault MS14	Trace fault & repair
B2.5	Wednesday, 28/09/2016 @ 10h32	00:00:30	Incomer 1 (MF Fdr1; ML Fdr1; ML Fdr3; MSR Fdr1; MS Fdr1)	Trip	
B2.6	Wednesday, 05/10/2016 @ 12h09	00:00:11	Midstream Feeder 2 (MS6-9;18;23-30;60-61)	Eskom power dip	
B2.7	Monday, 17/10/2016 @ 11h44	00:44:00	Midlands Feeder 2 (MS44;46-57;71;77-81)	Possible cable fault	Trace fault & repair
B2.8	Tuesday, 18/10/2016 @ 10h00	00:26:00	Midlands Feeder 2 (MS44;46-57;71;77-81)		
B2.9	Wednesday, 09/11/2016 @ 18h27	01:12:00	Midstream Feeder 2 (MS6-9;18;23-25;27-30;60-61)	Phase failure relay trip at RMU2 due to Eskom dip	
B2.10	Wednesday, 30/11/2016 @ 20h15	01:00:00	MS Ridge Feeder 1 (MS98-99;105;112-114)	Lightning strike	Repair damages