



# OUTAGES FOR 2010

## Level A: Substation down

[Effect: All electricity to Midrand-Estates interrupted]

Foreseen	Date	Duration	Cause	Remedy
A1				
Unforeseen	Date	Duration	Cause	Remedy
A2.1	Wednesday, 03/02/2010 @09:06	00:01:12	Unknown - ESKOM	Communicate with ESKOM
A2.2	Friday, 05/02/2010 @05:32	00:20:40	Unknown - ESKOM	Communicate with ESKOM
A2.3	Saturday, 06/02/2010 @11:24	00:00:08	Unknown - ESKOM	Communicate with ESKOM
A2.4	Saturday, 06/02/2010 @11:25	01:08:48	Unknown - ESKOM	Communicate with ESKOM
A2.5	Saturday, 06/02/2010 @13:50	00:00:08	Unknown - ESKOM	Communicate with ESKOM
A2.6	Saturday, 06/02/2010 @13:51	00:00:08	Unknown - ESKOM	Communicate with ESKOM
A2.7	Saturday, 06/02/2010 @14:28	01:18:32	Unknown - ESKOM	Communicate with ESKOM
A2.8	Tuesday, 09/02/2010 @09:46	00:16:40	Unknown - ESKOM	Communicate with ESKOM
A2.9	Friday, 16/07/2010 @17h47	00:10:00	ESKOM feed tripped	Communicate with ESKOM

The outages experienced over the past week can be directly attributed to unannounced interruptions on the ESKOM reticulation. On enquiry ESKOM advised that the interruptions are predominantly due to certain connections being made to their network for the Gautrain project. Whilst ESKOM were under the impression that the impact would be negligible due to alternative supply lines, this was not the case as the alternative links failed to carry the load.



# OUTAGES FOR 2010

**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	Thursday 04/02/2010 @21:00	02:00:00	Midlands Feeder Panel 16 Substation	Switch Off Midlands breaker for urgent maintenance on overhead line	
Unforeseen	Date	Duration	Feeder	Cause	Remedy
B2.1	Thursday 04/02/2010 @20:00	03:00:00	Midlands Feeder Panel 16 Substation	Phase failure	
B2.2	Friday 23/04/2010 @10:00	01:30:00	Midlands Feeder Panel 16 Substation	Construction damage	Safety warning to transgressor
B2.3	Thursday 06/05/2010 @06:10	02:10:00	Midlands Feeder Panel 16 Substation	Link of overhead transmission line failed	Links to be serviced & cable to replace overhead line (Aug10)
B2.4	Thursday 22/06/2010 @09:00	06:00:00	Midlands Feeder Panel 16 Substation	Connecting overhead lines	Reticulation upgrade