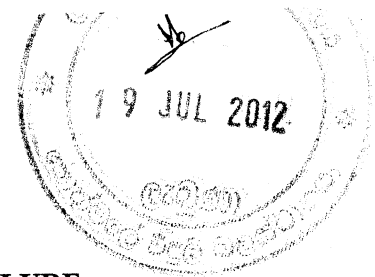


C.E. (System Control Centre),

REC'D  
J ~



**REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE**

Power Station: **Kotmale Power Station** Date: 18/07/2012 Time: 18:33hrs

**Failure at a Glance:** At 18:33hrs Unit 03 tripped.

**Pre-fault condition:**

Generators

Unit No.	MW	MVAr	Voltage kV	AVR on/off	Governor	Remarks
01	-	-	-	-	-	-
02	24	20	13.5	ON	Auto, EP2	-
03	20	0	13.8	ON	Auto, EP2	-

Transmission Lines

Transmission Line	MW	MVAr	A	kV
Vic 01	09	16	50	218
Vic 02	09	16	50	217
Anu 02	44	26	130	217
Biy 01	29	32	110	216
Biy 02	29	31	120	216
Upper kotmale 02	00	00	09	218

(b). Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Unit 03	Auto	18:33hrs	At Power House Red indications: <ul style="list-style-type: none"><li>• Generator Diff. Protection</li><li>• Inlet valve closing trip</li><li>• Emergency shutdown</li></ul> At Control room <ul style="list-style-type: none"><li>• Electrical trip relay operated</li><li>• Emergency shut down</li></ul>

**3. Restoration**

Equipment	Restored time

4. Brief description of incident by officer in charge [OEE] at that time:

Informed SCC that, machine is unavailable and has to be inspected.

5. Remedial actions taken to avoid reoccurrence of such failure / [EE (M)'s note]:

Isolated the machine and got Insulation Resistance reading on  
phases to earth & phase to phase. all are in satisfactory range.  
Informed to asset management to check protection relay  
No fault was found. Started the unit on 19th at 13.00 hrs. kept at 20 MW  
6. Remarks and 20 MW was loaded for 30 mins.

Respects a abnormal or mal operation. Under further  
investigation.

~~Mawatura~~  
19/7/12

.....  
Officer In-Charge of the Power Station

**CHIEF ENGINEER**  
Kotmaie Power Station  
Ceylon Electricity Board  
**MAWATURA**

Date: 2012/07/19

Copy: DGM (MC) - f.i. Pl.