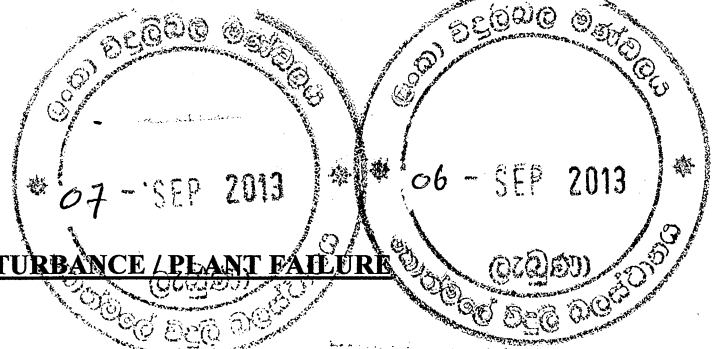


C.E. (System Control Centre),



**REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE**

Power Station: **Kotmale Power Station**

Date: 04/09/2013

Time: 23:50 hrs

**Failure at a Glance:** At 23:50 hrs Anuradhapura line 02 (CB 210 Tripped, CB 220 & 230 were switched off for CT testing, SCC Permit No 73) tripped.

**Pre-fault condition:**

Generators

Unit No.	MW	MVA	Voltage kV	AVR on/off	Governor	Remarks
01	40	15	12.9	ON	Auto	Frequency Control
02	-	-	-	-	-	-
03	-	-	-	-	-	-

Transmission Lines

Transmission Line	MW	MVA	A	kV
Vic 01	308	46	860	218
Vic 02	-	-	-	-
Anu 02	37	49	160	217
Biy 01	157	49	450	210
Biy 02	155	52	450	216
UK 01	2.7	3.8	7	218
UK 02	2.5	1.8	8	218

(b). Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Anuradhapura line 02	Auto	23:50 hrs	<u>Anuradhapura line 02</u> At Control room <ul style="list-style-type: none"><li>Backup Protection Operated</li></ul> At Relay room <ul style="list-style-type: none"><li>Backup Protection, Over current Relay +RAD8.D17.155.301 - Flag</li><li>Sensitive Earth Relay +RAD9.D21.101.313 - Flag</li></ul>

**3. Restoration**

Equipment	Restored time
CB 210	03:51hrs (05/09/2013)

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

At 23:50 hrs Anuradhapura line 02 (CB 210 Tripped, CB 220 & 230 were switched off for CT testing, SCC Permit No 73) tripped with indication backup protection operated while CT testing carried out for CTs between CBs 230 and 230. Switched on the CB 210 at 03:51 hrs after resetting the indications and when CT testing is completed as per the instruction by SCC.

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

CT testing done by Transmission protection branch not a fault in the power station controls.

*W. Jayawardena*  
 06/09/2013  
 ELECTRICIAN  
 Maintenance  
 Ceylon Electricity Board  
 Kotmale Power Station  
 Mawatura.

**6. Remarks**

Fault has occurred during the testing by Transmission protection branch & not due to a fault in own control circuits



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

Date: 04/09/2013

Copy: DGM (MC) – f.i. Pl.