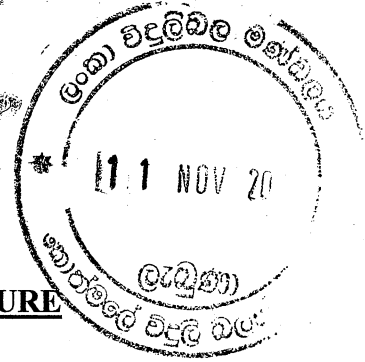


C.E. (System Control Centre),



**REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE**

Power Station: **Kotmale Power Station**

Date: 10/11/2013

Time: 14:22 hrs

**1. Failure at a Glance:** At 14:22 hrs, Anuradhapura line 02 tripped. CB 210 and CB 230 breakers were not auto re-closed. CB 210 and CB 230 remained in opened position.

**2. Pre-fault condition:**

**(a 1) Generators**

Unit No.	MW	MVAr	Voltage kV	AVR on/off	Governor	Remarks
01	30	0		On	Auto, EP2	-
02	33	0		On	Auto, EP2	-
03	-	-	-	-	-	-

**(a 2) Transmission Lines**

Transmission Line	MW	MVAr	A	kV
Vic 01	58	30	170	229
Vic 02	57	28	170	228
Anu 02	-42	37	140	227
Biy 01	-67	-53	220	226
Biy 02	-63	-53	220	226
UK 01	2	4	7	228
UK 02	2	2	9	228

**(b). Nature of failure:**

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Anuradhapura -02	Auto	14:22 hrs	At Control room <ul style="list-style-type: none"><li>• 1<sup>st</sup> Main protection operated</li><li>• Inter trip received</li></ul> At Relay room <ul style="list-style-type: none"><li>• +RAD.8=WL 11 ANU 02 Panel Main 2 Protection Distance Relay<ul style="list-style-type: none"><li>- SN - Yellow</li><li>- P - Yellow</li></ul></li></ul>

			<ul style="list-style-type: none"> <li>• +RAD.9=WL 11 ANU 02 Panel</li> <li>Main 1 Protection Distance Relay</li> <li>- General trip</li> <li>- Delay 01</li> <li>- Start Y</li> <li>- Start N</li> <li>- DEF Trip</li> <li>- PIT/ Dit Rel</li> <li>- Pit/ Send</li> </ul>
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**3. Restoration**

Equipment	Restored time
CB 210	14:40 hrs
CB 230	14:40 hrs

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

Informed SCC and manually closed CB 210 and CB 230 Circuit breakers after cancelling the indications.

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

*Not an internal fault.*

*Wilson  
11/11/2013  
EE (M)*

**6. Remarks**

*Not due to a internal fault.*

*[Handwritten Signature]*

.....  
 Officer In-Charge of the Power Station  
**CHIEF ENGINEER**  
 Kotmale Power Station  
 Ceylon Electricity Board  
 Copy: DGM (MC) – f.i. PIAWATURA

Date: 2013/11/10