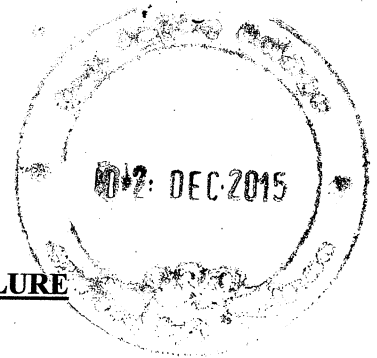


C.E. (System Control Centre),



**REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE**

Power Station: **Kotmale Power Station** Date: 01/12/2015

Time: 10:47 hrs

**1. Failure at a Glance:** At 10:47 hrs. Victoria 02 line (CB 220 tripped and CB 230 was in open position at the time of tripping) at Kotmale Switch yard tripped with the indication Backup Protection Operated.

**2. Pre-fault condition:**

Generators:

Readings at: 10:30 hrs

Unit No.	MW	MVar	Voltage kV	AVR on/off	Governor	Remarks
01	35	25	13.9	ON	Ep1	-
02	38	25	14.1	ON	Ep2	-
03	55	25	14.2	ON	Ep2	-

Transmission Lines:

Readings at: 10:00 hrs

Transmission Line	MVar	MW	A	kV
Vic 01	28	152	413	228
Vic 02	26	150	406	226
Anu 01	38	29	125	226
Anu 02	37	29	124	226
UK 01	14	77	193	227
UK 02	12	78	197	228
Biy 01	104	260	735	225
Biy 02	109	256	740	226

Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Victoria Line 02 (CB 220)	Auto		At Control Room <ul style="list-style-type: none"><li>• Backup Protection Operated</li><li>• CB 220 Trip Circuit Faulty</li></ul> At Relay Room: <ul style="list-style-type: none"><li>• F871<ul style="list-style-type: none"><li>○ General Trip</li><li>○ N.Pickup</li><li>○ OC/EF Trip</li></ul></li><li>• F872<ul style="list-style-type: none"><li>○ N pickup</li><li>○ STUB/PDR OPTD</li></ul></li></ul>

### 3. Restoration

Equipment	Restored time
Victoria 02	11.30 hrs

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

CB 220 was tripped with the above indications mentioned and the line was switched on after resetting the indications.

*Z. M. D. M. B. (EECO)  
01-12-2015*

### 5. Remedial actions taken to avoid reoccurrence of such failure / [EE (C&I/ EEM)'s note]:

Root cause under investigation.

*[Signature]*  
01/12/2015

### 6. Remarks

Line has been switched on as per SCC instructions, after the failure being analysed by the transmission branch.

*[Signature]*

CHIEF ENGINEER  
Koonin Power Station  
Officer In-Charge of the Power Station  
Ceylon Electricity Board  
MAWATURA

Date: 01/12/2015

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