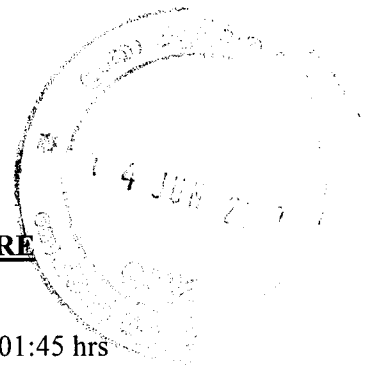


C.E. (System Control Centre),



REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE

Power Station: **Kotmale Power Station**

Date: 14/06/2013

Time: 01:45 hrs

Failure at a Glance: At 01:45 hrs Unit 02 Generator Breaker (440) tripped along with circuit breakers 420 and 430 tripped.

Pre-fault condition:

Generators

Unit No.	MW	MVAr	Voltage kV	AVR on/off	Governor	Remarks
01	47	05	13.2	On	Auto, EP1	Freq. control
02	50	0	13.2	On	Auto, EP2	-
03	45	05	13.7	On	Auto, EP2	-

Transmission Lines

Transmission Line	MW	MVAr	A	kV
Vic 01	01	16	50	225
Vic 02	0	15	50	224
Anu 02	-57	22	160	223
Biy 01	-108	-36	300	222
Biy 02	-107	-37	300	222
UK 01	62	+02	160	225
UK 02	62	+03	160	222

(b). Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Unit 02	Auto	01:45 hrs	At Control Room <ul style="list-style-type: none">Electrical trip relay operated At Power House (Red Indications) <ul style="list-style-type: none">Generator motoring

3. Restoration

Equipment	Restored time
CB 420	02:00 hrs
CB 430	02:00 hrs
Unit 02	02:03 hrs

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

At 01:45 hrs Unit 02 Generator Breaker (440) tripped along with the tripping of circuit breakers 420 and 430. CB 420 and 430 were switched on and synchronized U02 machine after resetting the indications.

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

Malfunction in the RAADA temperature monitoring system.
This system is being replaced by a new system. *Support*

6. Remarks

Due to malfunctioning of existing temperature monitoring system which is being replaced.



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Officer In-Charge of the Power Station

Date: 14/06/2013

CHIEF ENGINEER

Kolumba Power Station

Copy: DGM (MC) – f.i. P.E. *Chief Electrician, Board*

MAWATUBA