

C.E. (System Control Centre),

REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE

Power Station: **Kotmale Power Station** Date: 22/04/2015 Time: 18:51 hrs

Failure at a Glance: At 18:51 hrs. Unit 01 at Kotmale Power Station tripped with the indication Electrical Trip Relay operated.

Pre-fault condition:

Generators:

Readings at 18:30 hrs

Unit No.	MW	MVar	Voltage kV	AVR on/off	Governor	Remarks
01	30	05	13.9	ON	Auto,ep2	@18:38 unit was loaded to 67 MW
02	-	-	-	-	-	-
03	-	-	-	-	-	-

Transmission Lines:

Readings at 18:00 hrs

Transmission Line	MVar	MW	A	kV
Vic 01	35	43	155	230
Vic 02	34	43	153	228
Anu 01	23	24	97	228
Anu 02	23	23	94	228
UK 01	07	32	78	229
UK 02	05	32	80	229
Biy 01	-138	-240	742	227
Biy 02	off	-	-	-

(b). Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Unit 01	Auto	18:51	At Power House Red Indications: <ul style="list-style-type: none">• Inlet Valve Closing Trip• Generator Protection Operated At Control Room White Indications <ul style="list-style-type: none">• Electrical Trip Relay Operated

3. Restoration

Equipment	Restored time
Unit 01	19:00 hrs

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

At 18:51 hrs, Unit 01 at Kotmale Power Station tripped with indication Electrical Trip Relay Operated.

[Signature]
20/04/2015

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

No major electrical fault was found. Root cause is under investigation.

[Signature]
23/04/2015.

6. Remarks

Under investigation

[Signature]

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Officer In-Charge of the Power Station

Date: 23/04/2015

CHIEF ENGINEER
Kotmale Power Station
Electricity Board
MAVATIRA

Copy: DGM (MC) – f.i. Pl. Ceylon Electricity Board