

C.E. (System Control Centre),

REPORT ON SYSTEM DISTURBANCE / PLANT FAILURE

Power Station: **Nillambe Power Station** Date: 14/10/2012 Time: 19:43hrs

Failure at a Glance: At 19.43hrs Unit 01 tripped.

Pre-fault condition:

Generators

Unit No.	MW	MVAr	Voltage kV	AVR on/off	Governor	Remarks
01	1.6	0	6.35	AVR	MAN	
02	-	-	-	-	-	Standstill

Transmission Lines

Transmission Line	MW	MVAr	A	kV
Kiribathkubura	1.6	0	27	33

(b). Nature of failure:

Equipment	Auto/Man trip	Time of tripping	Indications/Remarks
Unit 01	Auto	13.30hr, 15/10/2012	Fault on main transformer Transformer differential protection(1XJ) Directional over current (7XJ)

3. Restoration

Equipment	Restored time
U01	13.30hr,15/10/2012

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

Informed to CE KOTMALE and CE protection (AMHE). Check the insulation levels on Main transformer and generator cable. Checked the differential relay operation by AMHE engineers. Machine was started and connected to grid.

6. Remarks

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Officer In-Charge of the Power Station

Date: 2012/10/14

Copy: DGM (MC) – f.i. Pl.