



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

Msg no:10/11

Date:01/10/13.

WRLDC/OCT-13/GI-1

Incident: BUS FAULT due to blast of Bus-I B-PH CT at Deepnagar substation in Maharashtra System in WR -Region.

1. Date and Time: 01/10/2013 at 03:52Hrs

2. Antecedent Conditions

I. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(hh:mm)
Pre incident	49.89	03:47
Post Incident	50.14	03:54

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	31710
2	Gujarat	7472
3	Maharashtra	11774
4	Madhya Pradesh	5188
5	Chhattisgarh	2066
6	Goa	198
7	DD	231
8	DNH	597

2. Reason for Tripping: Station transformer B-ph CT BURST at 03:52 hrs at Deepnagar Substation

Thereby tripping bus -I, along with bhusawal Unit 4 &5 (500 MW each) , Deepnagar 400/220 KV ICT-I and 400kv Deepnagar-Bhusawal-2 line tripped.

Both the units were running below tech minimum, Deepnagar-Bhusawal-I line were taken in service at 06:23 hrs.

3. Areas Affected By Disturbance: No area affected and load loss is Nil.

4. Generation loss: 450 MW (Both units were running below tech minimum).

Sl. No.	Name of line	OUTAGE TIME	RESTORATION TIME
1	Bhusawal-4	03:52	STILL OUT
2	Bhusawal-4	03:52	STILL OUT
3	Bhusawal-Deepnagar-1	12:15/27-SEP	06:32/01-OCT
4	Bhusawal-Deepnagar-2	03:52	STILL OUT
5	400/220kv ICT-I @ DEEPNAGAR	03:52	STILL OUT

5. Actions Taken: restoration started immediately, lines restored as indicated above.

6. Current Status:

(Shift Charge Manager)