



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

Incident: Tripping of Nasik Unit-3,4,5 due to busting of Bus sec-3 R-Ph CT .

Nasik three Units tripped due to R-ph CT burst on section -3 of 220kv Nasik substation at 02:49 hrs of 20-june-2013. Nasik Unit -3, 4 and 5 (210X3) was injecting around 497 MW. The bus bar protection operated leading to the tripping of 3 units, 4 lines, and 3 ICTs. No load was affected as bus section 1 and 2 was intact and load was fed from 132Kv Ring-man.

1. Date and Time: 20.06.2013 and 02:49 HRS

2. Conditions

I. Frequency of NEW Grid

Event	Frequency	Time(hh:mm)
Pre incident	50.29	02:47
Post Incident	50.17	02:51

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	27400
2	Gujarat	7707
3	Maharashtra	11300
4	Madhya Pradesh	4550
5	Chhattisgarh	2350
6	Goa	255
7	DD	250
8	DNH	581

III. Major Units-Lines-ICTs effected

Sl Nos.	Lines	Outage time	Syn time	
1	NASIK-3	02:49	07:35	BUS BAR OPTED
2	NASIK-4	02:49	S/O	BUS BAR OPTED
3	NASIK-5	02:49	S/O	BUS BAR OPTED
4	220 KV NASIK-BABLESWAR-I	02:49	S/O	BUS BAR OPTED
5	220 KV NASIK-BABLESWAR-I	02:49	S/O	BUS BAR OPTED
6	220 KV NASIK-GHATGAR-S/C	02:49	S/O	BUS BAR OPTED
7	220 KV NASIK-AEROLI-S/C	02:49	S/O	BUS BAR OPTED

8	220/132 KV ICT-1 (200MVA)	02:49	S/O	BUS BAR OPTED
9	220/132 KV ICT-2 (200MVA)	02:49	S/O	BUS BAR OPTED
10	220/132 KV ICT-1 (150 MVA)	02:49	S/O	BUS BAR OPTED
11	TWO STATION TRANSFORMER	02:49	S/O	BUS BAR OPTED

3. Areas Affected By Disturbance

No load was affected due to 132KV RING-MAN of OCR and Raymond.

4. Actions Taken: Immediately MSEB taken prompt action for restoration of Nasik units and lines.

5. Current Status

Lines were taken in service as Indicated above.

(Shift Charge Manager)