



Power System Operation Corporation Limited
Western regional Load Despatch Centre
FLASH REPORT

MESSAGE NO- LD/03/

DATE:-04/05/2014

Incident:

1. Date and Time: 04.05.14 and 01:27 HRS

2. ANTECEDENT Conditions

I. Frequency of NEW Grid

Event	Frequency	Time(hh:mm)
Pre incident	50.036	01:25
Post Incident	50.039	01:28

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	37371
2	Gujarat	11307
3	Maharashtra	15427
4	Madhya Pradesh	5802
5	Chhattisgarh	3097
6	Goa	363
7	DD	248
8	DNH	639

At 220 kv Bina (MP) s/s, 315mva transformer-3 R-phase CT burst at 220 KV side @01:27 hrs. Bus bar protection operated on 220 KV bus-I, all outgoing feeders connected on 220 KV bus-I got tripped along with 315mva transformers-1& 3.

3. Elements affected:

There after following lines tripped. Reason awaited:

Sr No.	Name of the Element	Outage Time	Restoration time
1	220KV MAIN BUS-I @BINA(MP)	01:27 (R-PHASE CT BURST)	02:07
2	315 MVA TRANSFORMER-III	01:27	STILL OUT
3	315 MVA TRANSFORMER-I	01:27	02:07
4	220KV BUS TIE	01:27	02:27
5	220KV BINA(MP)-SAGAR-I	01:27	02:27
	220KV BINA(MP)-BINA-I	01:27	02:25
6	220KV BINA(MP)-BINA-II	01:27	2:28
7	220KV BINA(MP)-GUNA-I	01:27	02:45
8	220KV BINA(MP)-GWALIOR-I	01:27	02:44
9	220KV BINA(MP)-SHIVPURI	01:27	02:37

3. Areas Affected By Disturbance

NIL, as alternate supply was available from Bhopal end.

4. Actions Taken:

Restoration work started immediately and lines were restored.

(Shift Charge Manager)

Distribution:

S/I : NLDC, SLDC- GETCO, MPPTCL, MSETYCL, CSPTCL, GOA, DD, DNH, Control
room: NTPC, CGPL
AGM/GM-WRLDC, MS-WRPC