



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

MESSAGE NO- LD/05/ 2412

DATE:-22/05/2014

Incident:

1. Date: 22.05.14 Time 13:06 hours

2. ANTECEDENT Conditions

I. Frequency of Grid

Event	Frequency (Hz)	Time(hh:mm)
Pre incident	50.02	13:05
Post Incident	50.02	13:08

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	38416
2	Gujarat	12044
3	Maharashtra	17037
4	Madhya Pradesh	5130
5	Chhattisgarh	2470
6	Goa	406
7	DD	215
8	DNH	592

At 13:06hrs, as reported by SLDC, MSEB, due to problem at breaker of Akola-Bhusaval(Old) there was bus fault at Bhusaval. This resulted in tripping of all 400 KV and 220 KV and 132 KV lines along with one running machine and one no 400/220 KV ICT, two nos of 400/132 KV ICTs at Bhusaval. There was 140 MW of generation loss and about 600 MW load was affected. The affected load was restored immediately from Dhule end.

3. Elements affected:

There after following lines tripped :

Sr No.	Name of the Element	Outage Time	Restoration time
1	Unit-3 210 MW	13:06	Still our
2	400 KV Bhusaval- Akola- S/C	13:06	Still out
3	400 Bhusaval-Koradil S/C	13:06	Still out
4	400 KV Bhusaval – Bbabhleshwar S/C	13:06	Still out
5	400 KV Bhusaval-Aurangabad	13:06	Still out
6	220 KV Bhusaval-Chalisingaon-I	13:06	Still out
7	220 KV Bhusaval-Chalisingaon-II	13:06	Still out
8	220 KV Bhusaval-Railway-TSS-I	13:06	Still out
9	220 KV Bhusaval-Railway TSS-II	13:06	Still out
10	220 KV Dhule-Malegaon- S/C	13:06	Still out
11	220 KV -Malegaon –Chalisingaon S/C	13:06	Still out
12	400.220 KV ICT	13:06	Still out
13	400/132 KV ICT-I	13:06	Still out
14	400/132 KV ICT-II	13:06	Still out

4. About 10 nos of 132 KV lines were tripped details of tripping and restoration is awaited from MSEB LD, Kalwa.

3. Areas Affected By Disturbance: Around Bhusaval



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4. Actions Taken:

Supply was restored by charging 220 KV Dhule-Chalisgaon S/C and Malegaon-Chaloisgaon S/C lines. Subsequently supply to all railway points was extended from Manmad, and other feeding points. Some of the above 220 KV elements shown still out are restored but exact time not intimated by MSEB.

Detailed tripping as well as restoration report is awaited.

SCM, WRLDC. Mumbai.

Distribution:

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