



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

MESSAGE NO- LD/05/915

DATE:-08/05/2014

Time : 21:30 hrs

Incident:

1. Date and Time 08/05/2014 and 20:16 HRS

2. ANTECEDENT Conditions

I. Frequency of NEW Grid

| Event | Frequency (Hz) | Time(hh:mm) |
|---------------|----------------|-------------|
| Pre incident | 50.27 | 20:15 |
| Post Incident | 50.30 | 20:17 |

II. Demand Met

| Sl.No | Area/Region | Demand Met(MW) at 20:15 | Demand Met(MW) at 20:17 |
|-------|----------------|-------------------------|-------------------------|
| 1 | WR | 38198 | 38171 |
| 2 | Gujarat | 11541 | 11559 |
| 3 | Maharashtra | 15704 | 15663 |
| 4 | Madhya Pradesh | 6286 | 6255 |
| 5 | Chhattisgarh | 2948 | 2939 |
| 6 | Goa | 350 | 350 |
| 7 | DD | 250 | 248 |
| 8 | DNH | 650 | 650 |
| 9 | ESIL | 430 | 422 |

3. Elements affected:

As intimated by GOA SLDC. 220 KV AMONA-PONDA-2(KOLHAPUR CKT) GOT TRIPPED @ 20:16 HRS DUE TO R-PH TO EARTH FAULT. AS A RESULT, MAPUSA-PONDA LILO AT AMONA i.e., MAPUSA-AMONA & AMONA-PONDA & TILLARI-PONDA LILO AT AMONA i.e., TILLARI-AMONA & AMONA-PONDA ARE TRIPPED.

4. The sequence of tripping and Restoration are as follows.

| Sr No. | Name of the Element | Outage Time(hrs) | Restoration time(hrs) | Reasons |
|---------------|----------------------------|-------------------------|------------------------------|--|
| 1 | 220kV AMONA-PONDA-II | 20:16 | STILL OUT | Tripped on Distance Protection(kept out as declared faulty). |
| 2 | 220kV MAPUSA-AMONA | 20:16 | 20:50 | Tripped on Distance Protection. |
| 3 | 220kV AMONA-PONDA-I | 20:16 | 20:50 | Tripped on Distance Protection. |
| 4 | 220KV TILLARI-AMONA | 20:16 | STILL OUT | Tripped on Distance Protection(RESTORATION IN PROGRESS). |
| 5 | 220KV AMONA-PONDA-III | 20:16 | STILL OUT | Tripped on Distance Protection(RESTORATION IN PROGRESS). |

5. The above sequence of timing mention at 20:16 hrs are indicative in nature, tacitly the difference in tripping timing is in milliseconds.

6. The loss of Load: NIL

7. Effect on line loading : NIL

8. Generation loss: NIL.

10. Action taken : Timely action by GOA to restore lines

(Shift Charge Manager)

Distribution:

S/I : NLDC, SLDC- GETCO, MPPTCL, MSETYCL, CSPTCL, GOA, DD, DNH,

Control room: NTPC, CGPL AGM/GM-WRLDC, MS-WRPC