



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

MESSAGE No- WRLDC/LD/01/2723

DATE:- 25-Jan-14

Incident:

1. Date and Time: Bus bar protection operated at 400kv Dastan(Navsar)(PG) at 12:48 hrs of 25-Jan-14

2. Conditions

I. Frequency of NEW Grid

| Event | Frequency | Time(hh:mm) |
|---------------|-----------|-------------|
| Pre incident | 50:17 | 12:47 |
| Post Incident | 50:14 | 12:50 |

II. Demand Met

| Sl.No | Area/Region | Demand Met(MW) |
|-------|----------------|----------------|
| 1 | WR | 33800 |
| 2 | Gujarat | 7598 |
| 3 | Maharashtra | 15600 |
| 4 | Madhya Pradesh | 4641 |
| 5 | Chhattisgarh | 2498 |
| 6 | Goa | 270 |
| 7 | DD | 239 |
| 8 | DNH | 631 |
| 9 | ESIL | 161 |

2. Reason for Tripping

Bus bar Protection operated at Navsari(PG). Both the bus tripped. All outgoing five lines in service tripped along with two ICTs.

3. Areas Affected By Disturbance : No Area effected , since 220kv area remain intact. No loss of load or generation is reported from sight.

4. Elements affected:

III. Major Lines effected

| Sr No. | Name of the Element (400KV) | Outage Time | Restoration time |
|--------|-----------------------------|------------------|------------------|
| 1 | NAVSARI(PG)-VAPI-I | 12:48 | 13:53 |
| 2 | NAVSARI(PG)-VAPI-2 | 07:01/ 25-Jan-14 | Faulty |
| 3 | NAVSARI(PG)-GANDHAR-1 | 12:48 | Still Out |
| 4 | NAVSARI(PG)-GANDHAR-2 | 12:48 | Still Out |
| 5 | NAVSARI(PG)-DZEN-I | 12:48 | Still Out |
| 6 | NAVSARI(PG)-DZEN-2 | 12:48 | Still Out |
| 7 | NAVSARI ICT-1 | 12:48 | 13:20 |
| 8 | NAVSARI ICT-2 | 12:48 | 13:24 |
| 9 | Bus Reactor | 12:48 | 13:48 |

5. Actions Taken:

Timely action was taken by WRLDC and test charging code was issued to restore the system at the earliest. Lines and ICT tripped was restored as stated above.

6. Current Status: Restoration of rest of the lines and Units in process.

(Shift Charge Manager)