



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/APRIL/GI No.1

Incident: BUS BAR protection operated on 400 KV BUS -I at Karad S/S while hand tripping 400 KV Karad- Kolhapur-I for O/V.

1. Date and Time: 12/04/2016 at 16:38 Hrs.

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

| Event | Frequency | Time(HH:MM) |
|---------------|-----------|-------------|
| Pre incident | 50.04 | 16:37 HRS |
| Post Incident | 50.00 | 16:39 HRS |

2. Reason for Tripping: During hand tripping of 400 KV Karad- Kolhapur –I for over voltage, R phase pole of ABB make circuit breaker blasted. All the feeders connected to 400 KV BUS-I at Karad S/S along with BUS COUPLER tripped.

3. Areas Affected By Disturbance: Load loss Nil.

4. Elements affected:

| Feeder | Voltage | Tripping time | Restoration time |
|-----------------------------------|---------|---------------|------------------|
| 400 KV Karad- Kolhapur -I | 400 kV | 16:38 hrs | |
| 400 KV Karad BUS COUPLER | 400 kV | 16:38 hrs | 17:04 hrs |
| 400 KV Karad – New Koyna- II | 400 kV | 16:38 hrs | |
| 400 KV Karad – Jaigad- II | 400 kV | 16:38 hrs | |
| 400/220 KV 315 MVA ICT-I at Karad | 400 kV | 16:38 hrs | 17:12 hrs |

5. Actions taken: 400 KV Karad – New Koyna- II, 400 KV Karad – Jaigad- II could not be charged due to over voltage, while all other tripped elements are restored.

(Shift Charge Manager)