



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)