



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

WRLDC/APRIL/GI No.1

Incident: Tripping of feeders at 220 kV Birsinghpur due to operation of MAIN BUS I LBB.

1. Date and Time: 28/02/2016 at 03:12 Hrs.

#### 2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(HH:MM)
Pre incident	49.94	03:00 HRS
Post Incident	49.93	03:20 HRS

2. Reason for Tripping: 220 kV BC, Y-Phase CT burst at 220 kV Bisinghpur resulting in tripping of all feeders emanating from 220 kV Birsinghpur. Due to above effect SGTPS 3 & 4 units also tripped

3. Areas Affected By Disturbance: Generation loss: 306 MW.

4. Elements affected:

Element	Tripping Time	Restoration Time
1. 220 kV Birsinghpur-SGPTS-I	03:12 Hrs	06:44
2. 220 kV Birsinghpur-SGPTS-II		06:50
3. 220 kV Birsinghpur-SGPTS-III		04:36
4. 220 kV Birsinghpur-SGPTS-IV		04:37
5. 220 kV Birsinghpur-Jabalpur-I		03:52
6. 220 kV Birsinghpur-Jabalpur-II		04:11
7. 220 kV Birsinghpur-Railway-I		
8. 220 kV Birsinghpur-Railway-II		07:30
9. SGTPS Unit-3 of 200 MW		04:07
10. SGTPS Unit-4 of 200 MW		04:06

5. Actions taken: All affected elements progressively restored by 08:31 hrs.

(Shift Charge Manager)

WRLDC