



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

WRLDC/May/GD-I

Incident: Tripping of feeders at Chhegaon due to operation of Bus bar protection on Main Bus –I .

1. Date and Time: 04/05/2016 at 11:43 Hrs.

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(HH:MM)
Pre incident	49.88	11:42 HRS
Post Incident	49.91	11:45 HRS

2. Reason for Tripping: At 11:43hrs due to bursting of B-ph CT of 220/132kV, 160MVA transformer-I at 400/220kV/132 kV Chhegaon S/S Bus Bar protection operated on Main Bus-I at Chhegaon 220kV tripping of feedres connected to Main Bus-I

3. Areas Affected By Disturbance:Load loss : about 50MW at Chhegaon between 11:43hrs-12:10hrs.

4. Elements affected:

S. No.	Feeder	Tripping time(hh:mm)	Restoration time(hh:mm)	Remarks
1	400/220 KV ICT at Chhegaon	11:43	12:23hrs	Tripped at 220kV side only
2	220kV Chhegaon-O'shwar HEP-I	11:43	12:24hrs	
3	220 KV Chhegaon BUS Coupler	11:43	12:33hrs	
4	220kV Chhegaon-Nepa Nagar S/C	11:43	12:35hrs	
5	220kV Chhegaon-Nimrani-I	11:43	12:37hrs	
6	220kV Chhegaon-Nimrani-II	11:43	12:37hrs	
7	220kV Chhegaon-Singhaji-I	11:43	12:50hrs	
8	220/132kV Transformer-I at Chhegaon	11:43	Still out	B-ph Ct burst on 220kV side

5. Actions taken: All affected elements progressively restored by 12:50 hrs of 04.05.16 except for 160MVA Transformer-I.

(Shift Charge Manager)