



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

Incident: WRLDC/Oct-15/GD 1

1. Date and Time: 06/10/2015 11:04 Hrs.

#### 2. Antecedent Conditions

I. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time (hh:mm)
Pre incident	49.95	11:03
Post Incident	49.96	11:05

II. Demands of MP and WR

	MP Demand (MW)	WR Demand (MW)	Time (hh:mm)
Pre incident	7867	43855	11:03
Post Incident	7599	43473	11:05

**2. Reason for Tripping:** At 11:04 Hrs, Flashover in 220kV Auxilary Bus side isolator of 220 kV Satna-Satna(PG)-II at 220 kV Satna-MP S/S resulted in bus bar protection operation and tripping of all feeders emanating from 220 kV Satna-MP S/S.

**3. Areas Affected By Disturbance:** Chattrapur, Panna, Pawai, Nagod, Majhgawan, Nowgaon, Khajuraho and Satna.

**4. Generation Loss:** Nil

**5. Load loss:** About 218 MW in MP.

#### 4. Elements Affected:

Sr No.	Name of the Element	Outage Time	Restoration time
1	220kV Satna-Satna (PG)-I	11:04	12:40

Sr No.	Name of the Element	Outage Time	Restoration time
2	220kV Satna-Satna (PG)-II	11:04	19:02
3	220kV Satna-Katni	11:04	11:51
4	220kV Satna-Kotar	11:04	17:12
5	220kV Satna-Tons	11:04	16:14
6	220/132 kV 160 MVA ICT-I at Satna	11:04	12:41
7	220/132 kV 160 MVA ICT-II at Satna	11:04	12:46
8	400/220 kV 315 MVA ICT-I at Satna-PG	11:04	12:41
9	400/220 kV 315 MVA ICT-II at Satna-PG	11:04	12:41

**5. Actions Taken:** 220 kV Satna-Satna (PG) restored by 12:40 Hrs thereafter complete 132 kV feeders are restored by 13:00 Hrs

**6. Current Status:** By 12:40 Hrs all 132 kV feeders got restored and other 220 kV ckts from Satna restoration is in progress.

MP and Powergrid are requested to furnish the details of tripping along with relevant Relay indications, DR/EL.



