

## Flash Report : SLDC/STU/Users/Transmission agency/Generators

Agency Name/Month-Year/GD or GI- Number

Name of Incident: At 19.50 HRS, Unit No. 09 of STPS SARNI tripped due to Generator Transformer Ckt Breaker Air Pressure low. Followed by tripping of Unit No. 10 & 11 at 20.56 Hrs & 20.57 Hrs respectively.

1. Date and Time: 06.04.2016 TIME : 19.50 Hrs.

2. Antecedent Conditions

I. Frequency of NEW Grid/SR Grid

| Event         | Frequency | Time(hh:mm) |
|---------------|-----------|-------------|
| Pre incident  | 50.01     | 19.45       |
| Post Incident | 49.97     | 19.55       |

II. Demand Met MW

- State Generation – (2554 - 616) MW
- State Load - 7646 MW

3. Event Description: Event and Likely cause as reported by SLDC and as observed :-

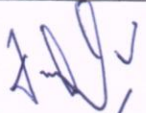
At 19.50 HRS, Unit No. 09 of STPS SARNI tripped due to Generator Transformer Ckt Breaker Air Pressure low. Following Ckts & Units also tripped at around 20.56 HRS. due to Main Bus – I LBB operated. The details are as below.

4. Lines/ICT/Units tripped and Restoration

| Lines/ICT/Unit Tripped            | Load prior to fault (MW) | Tripping time (HRS) | Restoration Time (HRS) |
|-----------------------------------|--------------------------|---------------------|------------------------|
| 400 KV Satpura – Seoni Ckt        | 133 MW                   | 21.00 HRS.          | 21.42 hrs -            |
| 400 KV Satpura – Isp Ckt          | 205 MW                   | 21.00 HRS.          | 21.55 HRS.             |
| 400 KV Satpura – Ashta Ckt No. 01 | 168 MW                   | 21.00 HRS..         | 22.31 HRS.             |
| 400 KV Bus Reactor 01             |                          | 21.00 HRS.          | 21.09 HRS.             |
| 400 KV Bus Coupler                |                          | 21.00 HRS.          | 21.10 HRS.             |
| STPS # 10                         | 223 MW                   | 20.56 HRS.          | 00.32 HRS. / 07.04.16  |
| STPS # 11                         | 230 MW                   | 20.57 HRS.          |                        |

5. Areas Affected By Disturbance : NIL

6. Generation Loss :- 616 MW

  
Shift In Charge

SHIFT INCHARGE,  
State Load Despatch Centre  
M.P.P.T.C.L., Jabalpur (M.P.)