



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

WRLDC/October-2016/GDI

Incident: TRIPPING AT 220kV Shivpuri

1. Date and Time: 01/10/2016 16:21Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(hh:mm)
Pre incident	50.05	16:18
Post Incident	49.93	16:24

2. Reason for Tripping: 220kV Bina (MP)- Shivpuri and Bina (PG)-Shivpuri tripped at 16:21 hrs due to B-E fault.

3. Areas Affected By Disturbance: About 160MW load was interrupted at Sabalgarh end

4. Elements affected:

Feeder/ICT	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
220kV Bina(MP)-Shivpuri	16:21	16:42	B-E fault
220kV Bina(PG)-Shivpuri	16:21	17:35	B-E fault
220kV Shivpuri-Sabalgarh-1	16:21	16:46	Hand tripped to control line loading of 132kV system of Sabalgarh
220kV Shivpuri-Sabalgarh-2	16:21	16:46	Hand tripped to control line loading of 132kV system of Sabalgarh
132kV Sabalgarh-Khandar-1	16:21	19:26	Hand tripped to

			control line loading of 132/33kV system of Sabalgarh
220/132kV ICT-1 @ Shivpuri	16:21	16:47	Hand tripped to control line loading of 132/33kV system of Shivpuri
220/132kV ICT-2 @ Shivpuri	16:21	16:47	Hand tripped to control line loading of 132/33kV system of Shivpuri
132kV Sabalgarh-Khandar-2	16:21	16:59	Hand tripped to control line loading of 132/33kV system of Sabalgarh

5. Actions Taken:

Incoming 220kV feeders to Shivpuri (from Bina(MP) and Bina(PG)) initially restored at 16:42 and 17:35 respectively and then outgoing 220kV feeders (Sabalgarh-1 & 2) at 16:46 and 16:47 respectively.

6. Current Status:

All Feeders and ICT's are restored.

SLDC MP is requested to intimate the details of tripping along with relevant relay/window indications, DR/EL and also requested to submit flash report of the incident.

P.Krishna Murthy

(Shift Charge Manager)