



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/January-2016/GD 1

Incident: Tripping of 400KV Indore Bus-I

1. Date and Time:20/01/201601:59Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(hh:mm)
Pre incident	50.22	01:58
Post Incident	50.22	02:00

2. Reason for Tripping: Bus bar protection operated on Main Bus-I at 400kV Indore(MP) S/S and all the connecting elements tripped. SLDC MP intimated that LBB of 400kV Indore-Nagda S/C operated. R-ph fault appeared at both ends on 400kV Indore-Nagda S/C and tripped at Nagda, but while tripping at Indore end LBB operated.

3. Areas Affected By Disturbance:.

No area deprived of supply. No generation loss

4. Elements affected:

Feeder	Tripping time (hh:mm)	Restoration time(hh:mm)	Flows/voltage prior to tripping
400 Kv Indore Main bus-I	01:59	02:44	Vol: 420kV
400/220 ICT-III at Indore	01:59	02:54	Flow: 93MW(export)
400kV Indore-Indore(PG)-I	01:59	03:11	Flow:197MW(import)
400kV Indore-Itarsi-I	01:59	03:05	Flow:202MW(import)
400kV Indore-ISP-I	01:59	02:53	Flow:158MW(import)
400kV Indore-Nagda S/C	01:59	Still out	Flow:292MW(export)

5. Actions Taken: Units 1,3,5 are connected to Bus-II at CHPH. The BUS-I, 220kV RBPH-CHPH –I and 400/220kV ICT-I are still out as snapping of pilot wire is being attended.

6. Current Status:

The BUS-I and all tripped feeders are restored except for the faulty declared Indore-Nagda S/C

SLDC,MP is requested to furnish the details of tripping along with relevant relay/window indications, DR/EL and the restoration details.

K.Muralikrishna

(Shift Charge Manager)