



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/Feb/GI No.1

Incident: Tripping at 220 KV Rewa and Sidhi S/S(M.P)

1. Date and Time: 12/02/2016 at 22:12 Hrs.

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(HH:MM)
Pre incident	49.99	22:10 HRS
Post Incident	49.98	22:15 HRS

2. Reason for Tripping: Complete load of 220 KV Rewa S/S and 220 KV Sidhi S/S was fed through 220 KV Amarkantak- Sidhi ckt and 220 KV Birsingpur- Rewa ckt. Hence after tripping of 220 KV Amarkantak- Sidhi ckt on transient fault, complete load shifted on 220 KV Birsingpur- Rewa ckt which tripped on over current.

3. Areas Affected By Disturbance: 220 KV Rewa S/S , 220 KV Sidhi S/S , 132 kv S/S Maugung, Sidhi, Deosar, Hindalco, Mangawa, Katra. Load loss as reported by M.P was around 300 MW.

4. Elements affected:

Feeder	Voltage	Tripping time	Restoration time
Amarkantak- Sidhi	220 kV	22:12 HRS	22:51
Birsingpur- Rewa	220 kV	22:12 HRS	00:38(13.02.16)
Rewa- Sidhi	220 kV	22:12 HRS	23:00
Sidhi- Hindalco	220 kV	22:12 HRS	23:16

5. Actions taken: All affected elements progressively restored by 00:38 HRS OF 13.02.16 .

(Shift Charge Manager)