



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

Incident: WRLDC/May-16/GD 1

1. Date and Time: 03/05/2016 21:07 Hrs.

2. Antecedent Conditions

I. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time (hh:mm)
Pre incident	50.02	21:06
Post Incident	49.89	21:08

II. Demand and Generation of WR

	WR Generation (MW)	WR Demand (MW)	Time (hh:mm)
Pre incident	49965	42006	21:06
Post Incident	49246	41874	21:08

2. Reason for Tripping: On 03.05.16, at 21:07 hrs. 400 kV JP Nigrie-Satna-2 tripped on R-E fault and circuit-1 tripped on DT receipt. There was generation loss of 1166 MW due to tripping of Unit-I & II at JP Nigrie station. The frequency fall during the event was 0.13 Hz.

3. Areas Affected By Disturbance: NIL

4. Generation Loss: 1064 MW

5. Load loss: NIL

4. Elements Affected:

Sr No.	Name of the Element	Outage Time	Restoration Time
1	400 kV JP Nigrie-Satna-1	21:07	21:08 (Auto reclose successful at satna , manually breaker closed at JP Nigri)

Sr No.	Name of the Element	Outage Time	Restoration Time
2	400 kV JP Nigrie-Satna-2	21:07	-

5. Actions Taken: Dispatch of states and generators are changed to maintain frequency with in the band.

6. Current Status: 400 kV JP Nigrie-Satna-2 restoration is in progress.

JP Nigrie is requested to furnish the details of tripping along with relevant Relay indications, DR/EL.

(Shift Charge Manager)

WRLDC