



Power System Operation Corporation Limited

Western regional Load Despatch Centre

FLASH REPORT

WRLDC/May-2016/GIII

Incident: Tripping of Feeders at V'Chal

1. Date and Time: 27/05/2016 11:50Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(hh:mm)
Pre incident	49.84	11:50
Post Incident	49.77	11:52

2. Reason for Tripping: Bus Sectionalizer between Bus-4 and Bus-6 tripped at Vindhyachal STPS (reason under investigation), but Bus sectionalizer between Bus-4 and Bus-2 remained intact. Along with this, 400kV feeders connected and ICT-I tripped. At the same time VSTPS unit-8 tripped on Buchholtz relay operation.

3. Areas Affected By Disturbance: Nil. No critical loadings observed. No area deprived of supply. Generation loss: 450MW

4. Elements affected:

Feeder	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
400 kV Bus sectionaliser between Bus-4 and Bus-6	11:50	13:10	
400/132 ICT-I at Vindhyachal	11:50	12:58	Line tripped at 400kV only
400kV Vindhyachal-Jabalpur-II	11:50	12:51	Line tripped at Vindhyachal only
400kV Vindhyachal-Satna-II	11:50	12:53	Line tripped at Vindhyachal only
Unit-8 at Vindhyachal	11:50	13:53	Tripped on Buchholtz operation

400 kV Vindhyanchal –Korba II	11:50	13:24	Line tripped at Vindhyanchal only
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5. Actions Taken: Feeders restored one by one after obtaining clearance from NTPC. All beneficiaries were asked to pick up generation and reduce Overdrawal to improve the frequency.

6. Current Status:

All tripped feeders are restored.

NTPC, RTAMC(Vadodara) are requested to intimate the details of tripping along with relevant relay/window indications, DR/EL and the restoration details.

K.Muralikrishna

(Shift Charge Manager)