



# Power System Operation Corporation Limited

## Western regional Load Dispatch Centre

### FLASH REPORT

WRLDC/June-2017/GD1/15-06-2017

Incident: At 14:23 hrs of 15.06.17, at Dharmjaygarh substation around 400 MW generation loss of BALCO is reported. Reason is awaited.

1. Date and Time: 15/06/17, 14:23 Hrs

2. Antecedent Conditions

1. Frequency:

Event	Demand (MW)/Frequency(Hz)	Time(hh:mm:ss)
Pre incident	42374/49.99	14:22:55
Post Incident	42072/49.90	14:23:05

2. Reason for Tripping:

Reason and relay indications from Dharmjaygarh are awaited.

3. Areas Affected By Disturbance: 765KV and 400kv SS at Dharmjaygarh

4. Elements affected:

1	Dharamjaygarh(PG)-Jabalpur(PS)-IV	765 kV	15-06-2017	14:23
2	Bilaspur(PG)-Dharamjaygarh(PG)-S/C	765 kV	15-06-2017	14:23
3	Dharamjaygarh(PG)-Jabalpur(PS)-II	765 kV	15-06-2017	14:23
4	Dharamjaygarh(PG)-Jabalpur(PS)-I	765 kV	15-06-2017	14:23
5	Dharamjaygarh(PG)-Jabalpur(PS)-III	765 kV	15-06-2017	14:23
6	Champa PS-Dharamjaygarh-S/C	765 kV	15-06-2017	14:23

7	Dharamjaygarh(PG)-New Ranchi(PG)-I	765 kV	15-06-2017	14:23	
8	Dharamjaygarh(PG)-New Ranchi(PG)-II	765 kV	15-06-2017	14:23	
9	Dharamjaygarh-Jharsuguda-I	765 kV	15-06-2017	14:23	
10	DHARAMJAYGARH BUS II	765 kV	15-06-2017	14:23	
11	DHARAMJAYGARH BUS I	765 kV	15-06-2017	14:23	
12	Dharamjaygarh(PG) 330MVAR BR-1	765 kV	15-06-2017	14:23	
13	Dharamjaygarh(PG) 330MVAR BR-2	765 kV	15-06-2017	14:23	
14	DHARAMJAYGARH 1500MVA ICT-2	765/400 kV	15-06-2017	14:23	
15	DHARAMJAYGARH 1500MVA ICT-1	765/400 kV	15-06-2017	14:23	
16	Raipur PS(Durg)-Dharamjaygarh(PG)-S/C	765 kV	15-06-2017	14:23	
17	Dharamjaygarh-Jharsuguda-II	765 kV	15-06-2017	14:23	
18	Dharamjaygarh (Korba PS)(PG) 400kV BUS II	400 kV	15-06-2017	14:23	
19	Dharamjaygarh (Korba PS)(PG) 400kV BUS I	400 kV	15-06-2017	14:23	
20	BALCO-DHARAMJAYGARH-I	400 kV	15-06-2017	14:23	
21	BALCO-DHARAMJAYGARH-II	400 kV	15-06-2017	14:23	
S.No	Gen Name	UNIT_NO	GEN_CAPACITY	Outage	
				Date	
1	BALCO	1	135	15-06-2017	14:23
2	KSK	1	600	15-06-2017	14:23
3	BALCO(300 MW)	1	300	15-06-2017	14:23
4	BALCO(300 MW)	3	300	15-06-2017	14:23
5	BALCO(300 MW)	2	300	15-06-2017	14:23
6	BALCO(300 MW)	4	300	15-06-2017	14:23

**5. Load Affected: Around 400 MW generation loss occurred at BALCO (300 MW 4 units and 135 MW 1 unit) and KSK unit 1 (600 MW) tripped due to jerk in the rotor**

**6. Actions Taken:**

Code issued for charging various elements at Dharmjaygarh.

**7. Current Status:**

765kv Dharmjaygarh-Bilaspur charged.

765kv Dharmjaygarh-Champa charged.

**8. Further action required:**

Details of tripping along with Relays/DR/EL to be furnished by RTAMC Nagpur and Vadodra.

SCM, WRLDC

**(Shift Charge Manager)**