



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

**Incident:** Multiple tripping of evacuation lines at CGPL(Leading to tripping 4x830 MW generators) and 400 kV lines at 400 kV Bhachau S/S.

1. **Date and Time:** 13.07.2016 02:37 HRS

2. **Conditions:**

I. Frequency of NEW Grid

Event	Frequency	Time(hh:mm)
Pre incident	49.97	02:36
Post Incident	49.75	02:37

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	31131
2	Gujarat	9518
3	Maharashtra	12162
4	Madhya Pradesh	5136
5	Chhattisgarh	2788
6	Goa	262
7	DD	222
8	DNH	676

III. Major Lines effected

SI Nos.	Lines	Outage time	Syn time	Reason
<b>400 kV Bhachau S/S</b>				
1	400 kV Bhachau-Vadavi 1	02:37 hrs		While charging 400 kV Bacchau-Varsana 1, the incident occurred. It is to mention that earlier Bus 1 at Varsana was out and
2	400 kV Bhachau -Vadavi 2	02:37 hrs	03:11 hrs	
3	400 kV Bhachau -CGPL 1	02:37 hrs		
4	400 kV Bhachau -CGPL 2	02:37 hrs	04:47 hrs	
5	400 kV Bhachau -Vadinar 1	02:37 hrs		
6	400 kV Bhachau -Vadinar 2	02:37 hrs		
7	220 kV Bhachau -Morbi	02:37 hrs	03:24 hrs	

8	400 kV Bhachau -Varsana 1	02:37 hrs		Subsequently Bus 2 at Varsana got isolated at 21:50 hrs/12-07-2016. Relay indications are awaited.
<b>400 kV CGPL Station</b>				
1	400 kV Bhachau-CGPL 1	02:37 hrs		
2	400 kV Bhachau-CGPL 2	02:37 hrs	04:47 hrs	
3	400 kV CGPL-Jetpur 1	02:37 hrs		
4	400 kV CGPL-Jetpur 2	02:37 hrs		
5	400 kV CGPL-Choronia S/C	02:37 hrs	03:40 hrs	
6	400 kV CGPL-Mansar S/C	02:37 hrs		

**3. Areas Affected By Disturbance:**

“Nil”- No load Loss was reported.

**4. Generation Loss reported:**

Generation loss of 2820 MW had occurred/ reported.

**5. Actions Taken:**

Immediately, startup power was extended to CGPL at 03:40 hrs by charging 400 kV CGPL-Choronia S/C. 400 kV Bacchau-CGPL 2 was charged at 04:47 hrs.

To light up the units GT back charging of unit 10,20,30,40 was done and restoration of units are under process. Due to prevailing high voltage, the other connecting lines to CGPL will be normalized after restoration of one or two units.

**5. Current Status:**

Present generation at CGPL is nil and restoration of units under process and expected by 11:00 hrs.

**6. Report Status from Site**

Relay indications and tripping details are still awaited from CGPL and CPCC Vadodara.

**(Shift Charge Manager)**