



Power System Operation Corporation Limited
Western regional Load Despatch Centre
FLASH REPORT

MESSAGE NO- LD/05/458

DATE:-06/05/2013

CATEGORY- GI-II

Incident: Bus fault at CHORANIA S/S.

1. Date and Time: 06.05.13 and 19:07 HRS

2. Conditions

I. Frequency of NEW Grid

Event	Frequency	Time(hh:mm)
Pre incident	49.84	19:06
Post Incident	49.87	19:08

II. Demand Met

Sl.No	Area/Region	Demand Met(MW)
1	WR	34878
2	Gujarat	10787
3	Maharashtra	13892
4	Madhya Pradesh	5978
5	Chhattisgarh	3062
6	Goa	309
7	DD	257
8	DNH	593

2. Reason for Tripping: Simultaneous 400 KV Bus –I AND BUS –II fault @ CHORANIA substation

3. Areas Affected By Disturbance

No area was affected .No load loss was reported as 220kv network was stable and intact.

4. Elements affected:

III. Major Lines effected

Sr No.	Name of the Element	Outage Time	Restoration time
1	400 KV ASOJ –CHORANIA-I	19:07HRS	19:26HRS
2	400 KV ASOJ –CHORANIA-II	19:07HRS	20:24
3	400 KV CGPL–CHORANIA-I	19:07HRS	20:04
4	400 KV CGPL-CHORANIA-II	19:07HRS	20:14
5	400 KV VADAVI –CHORANIA-I	19:07HRS	20:08
6	400 KV VADAVI –CHORANIA-II	19:07HRS	20:08
7	400 KV KASOR –CHORANIA-S/C	19:07HRS	20:17
8	400 KV HADALA –CHORANIA-S/C	19:07HRS	20:26
9	400 KV AMRELI –CHORANIA-S/C	19:07HRS	19:59
10	400 KV CHORANAI BUS -I	19:07HRS	19:26
11	400 KV CHORANAI BUS -II	19:07HRS	20:02
12	500 MVA ICT-I @ CHORANIA	19:07HRS	20:09
13	500 MVA ICT-II @ CHORANIA	19:07HRS	s/d

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5. Actions Taken: Immediately CGPL generation was reduced from 2940MW to 2440 MW(i.e BACKDOWN OF 500MW) to control line loading of 400 KV CGPL-BACHAU-I,II within safe limit. 400kv chorania bus –ii charged @ 19:26 hrs and restoration completed by 20:26 hrs except for ICT-II . The back down @ CGPL was withdrawn and generation as per dc was restored by 21:00hrs

6. Current Status:

Lines/ICT's were taken in service as Indicated above.

(Shift Charge Manager)

To

S/I , NLDC

S/I,GEB,MPSEB,MSEB,CSEB,GOA,DD,DNH,NTPC,CGPL

MS, WRPC- For kind information.



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