



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

WRLDC/November-2016/GI/1

Incident: TRIPPING AT 220kV Kharadpara and New Kharadpara (Bus bar protection operated at both S/S.)

1. Date and Time: 09/11/2016, 10:41Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(hh:mm)
Pre incident	50.02	10:40
Post Incident	50.06	10:43

2. Reason for Tripping: Bus bar protection operated at Kharadpara and New Kharadpara S/S.

3. Areas Affected By Disturbance: Load loss of around 430 MW was reported by DNH. Load at Dadra, Waktara, Pipariya , Amlı , Athol , Kharadpara and load at New Kharadpara were affected.

4. Elements affected:

Feeder/ICT	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
220 KV Vapi- Kharadpara- I	10:41		Bus bar- I protection operated at Kharadpara(Due to heavy fault current in ckt-1, the terminal connector of 211-89L, line side connector of B-ph got burnt and same needs to be replaced.)
220 KV Vapi- Kharadpara- II	10:41	12:00	Bus bar- I protection operated at

			Kharadpara
220 KV Kala-New Kharadpara- I	10:41	12:05	Bus bar- I protection operated at New Kharadpara
220 KV Kala- New Kharadpara- II	10:41		Bus bar- I protection operated at New Kharadpara
220 KV Kharadpara- New Kharadpara- I	10:41	12:22	Bus bar- I protection operated at Kharadpara
220 KV Kharadpara- New Kharadpara- II	10:41		Bus bar- I protection operated at Kharadpara
220/66 KV ICT- I at Kharadpara	10:41	12:02	Bus bar- I protection operated at Kharadpara
220/66 KV ICT- II at Kharadpara	10:41	12:11	Bus bar- I protection operated at Kharadpara
220/66 KV ICT- III at Kharadpara	10:41		Bus bar- I protection operated at Kharadpara
220/66 KV ICT- IV at Kharadpara	10:41	12:28	Bus bar- I protection operated at Kharadpara

5. Actions Taken: 220KV Vapi- Kharadpara- II was restored at 12:00 hrs and load at Dadra, Waktara , Pipariya , Amlı , Athol , Kharadpara were partially restored. 220 KV Kala- New Kharadpara- I was taken in service at 12:05 hrs and load at New Kharadpara was partially restored.

Requested DNH to send detail Tripping report.

6. Current Status: Partial Load at Kharadpara and NEW Kharadpara have been restored .

(Shift Charge Manager)