



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

WRLDC/December/GD 1

Incident: 400 kV Bus 1 & 2 Fault at Ranchodpura

1. **Date and Time:** 28/12/2015 at 06:57 Hrs.

#### 2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(HH:MM)
Pre incident	49.85	06:45 HRS
Post Incident	50.06	07:00 HRS

2. **Reason for Tripping:** At 06:57 hrs Bus Bar protection of 400 kV Bus 1 & 2 operated due to R Phase CT blast of Bus Coupler at Ranchodpura. 400 kV Bus 1 & 2 became dead and all elements connected to the bus tripped.

3. **Areas Affected By Disturbance:** No load loss as reported by SLDC GETCO.

#### 4. Elements affected:

Feeder	Voltage	Tripping time(hrs)	Restoration time(hrs)
Bachhau-Ranchodpura-I	400 kV	06:57	08:41
Bachhau-Ranchodpura-II	400 kV	06:57	07:36
Kansari-Ranchodpura-I	400 kV	06:57	07:35
Kansari-Ranchodpura-II	400 kV	06:57	07:38
Dehgam-Ranchodpura-I	400 kV	06:57	
Dehgam-Ranchodpura-II	400 kV	06:57	08:04
Chorania-Ranchodpura-I	400 kV	06:57	08:35
Chorania-Ranchodpura-II	400 kV	06:57	08:42
Ranchodpura ICT I	400/220 kV	06:57	07:46
Ranchodpura ICT II	400/220 kV	06:57	08:35
Ranchodpura ICT III	400/220 kV	06:57	08:30
Ranchodpura Bus 1	400 kV	06:57	07:36
Ranchodpura Bus 2	400 kV	06:57	

5. **Actions taken:** Remaining elements progressively being restored by SLDC GETCO. Details report awaited from SLDC Gotri.

R K Bhoi

(Shift Charge Manager)