



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

WRLDC/May/GD-1/24.05.2019

Event Summary: As informed by SLDC Gujarat, the Y – Phase of 400/220 kV ICT -1 (500 MVA) at Asoj station got blast at 09:06 Hrs. which further lead to tripping of 400 kV Asoj - Chorania # 2 at the same time.

1. Date and Time: 24/05/2019, 09:06 hrs.

2. Antecedent Conditions:

Parameter	At 09:05 Hrs	At 09:07 Hrs
Frequency (Hz)	50.04	50.00
GEB Demand	15537	15367

3. Event Description: The Y – Phase unit of 400/220 kV ICT -1 at 400 kV Asoj station got blast at 09:06 Hrs. leading to tripping of 400 kV Asoj - Chorania # 2 at the same time. In order to control the fire and isolate the damaged/faulty ICT from the system the 400 kV Bus 1 & 2, 400 kV Indore-Asoj 1&2, 400 kV SSP-Asoj, 400 kV Asoj-Vadodara 1&2, 400 kV Asoj-Wanakbori, 400 kV Asoj-Choranai # 1, 400 kV Asoj-Kosambha lines, 400 kV ICT-2, 3, 4 along with 400 kV Bus reactor were hand tripped on emergency basis from Asoj end.

4. Elements affected: The following elements were tripped.

Feeder/ICT/Bus	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
400/220 kV ICT 1	09:06		The ICT-1 tripped as the Y – Phase unit of 400/220 kV ICT -1 got blast at 09:06 Hrs

400 kV Asoj - Chorania # 2	09:06	11:40	Line tripped due to tripping of 400/220 kV ICT 1 at Asoj.
400 kV Asoj - Chorania # 1	09:45	11:08	The 400 kV lines, ICT's, Bus and Bus reactors were Hand tripped on emergency basis from Asoj side in order to isolate the Damaged ICT.
400 kV Bus 1	09:45	10:32	
400 kV Bus 2	09:45	10:40	
400 kV Indore-Asoj 1	09:45	10:55	
400 kV Indore-Asoj 2	09:45	10:32	
400 kV SSP-Asoj	09:45	11:14	
400 kV Asoj-Vadodara 1	09:45	11:20	
400 kV Asoj-Vadodara 2	09:45	11:23	
400 kV Asoj-Wanakbori	09:45	10:55	
400 kV Asoj-Kosambha	09:45	11:04	
400 kV ICT 2	09:45	10:45	
400 kV ICT 3	09:45	10:35	
400 kV ICT 4	09:45	10:32	
400 kV Bus Coupler	09:45	10:40	
220 kV Asoj-Wanakbori	09:45	10:55	
220 kV Asoj-Vyankatpura	09:45	11:02	

6. **Load Loss:** No load loss as reported by SLDC Gujarat.

7. **Actions taken:** Matter taken up with SLD Gujarat for restoration of Lines/ICT.

8. **Current Status:** All elements restored except ICT 1.

9. **Further action required:** DR event logger, protection relay details are awaited from SLD Gujarat.

For Information Pl.

SCM

Control room

WRLDC

Mumabi