



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

WRLDC/January-2017/GD1/14-01-2017

Incident: Tripping of all 400kV feeders in service at SSP due to high voltage leading to Bus 1 and Bus 2 dead

1. Date and Time: 14/01/2017 18:03Hrs

2. Antecedent Conditions

1. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time(hh:mm:ss)
Pre incident	50.26	18:01:14
Post Incident	50.29	18:04:14

2. Reason for Tripping: Due to sudden high voltage at SSP Bus all the evacuating lines got tripped on high voltage leading to SSP Bus 1 and Bus 2 dead. At 18:03 hrs. Frequency shot up suddenly to 50.31 Hz

3. Areas Affected By Disturbance: NIL

4. Elements affected:

Feeder/ICT	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
400KV SSP-DHULE-I	18:03	18:46	High Voltage on SSP Bus
400KV SSP-RAJGARH-I	18:03	S/O	High Voltage on SSP Bus
400KV SSP-RAJGARH-II	18:03	S/O	High Voltage on SSP Bus
400KV SSP-KASOR	18:03	18:22	High Voltage on SSP Bus

400KV SSP-ASOJ	18:03	18:17	High Voltage on SSP Bus
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5. Generation Affected:

Approximately 110 MW of CHPH generation lost as all evacuation lines got tripped

6. Actions Taken:

Immediately, after ascertaining the healthiness of Bus, SSP-ASOJ S/C was taken into service at 18:17 hrs and SSP Bus was charged. Subsequently SSP-KASOR, SSP-DHULE-I were taken into service at 18:22, 18:40 hrs respectively

7. Current Status:

SSP system normalized and is in the process of taking the CHPH units into service.

S S Velayutham

(Shift Charge Manager)