



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

**WRLDC/June-2017/GD1/01-06-2017**

**Incident: At 22:16 hrs of 01.06.17 fault occurred at BUS-I of 400 KV Jejuri (Maharastra) s/s leading to Bus bar operation and tripping of Bus – I and Bus –II, 400 KV Jejuri – Koyna, 400 KV Jejuri- Lonikhand and all 220 KV lines from Jejuri. .**

**1. Date and Time: 01/06/17 22:16 Hrs**

**2. Antecedent Conditions**

**1. Frequency:**

<b>Event</b>	<b>Frequency(Hz)</b>	<b>Time(hh:mm:ss)</b>
Pre incident	49.93	22:14:45
Post Incident	49.95	22:16:45

**2. Reason for Tripping:**

**Fault occurred at BUS-I of 400 KV Jejuri (Maharastra) s/s leading to Bus bar operation and tripping of both 400 KV lines and 315 MVA ICT- I, II and all 220 KV lines.**

**3. Areas Affected By Disturbance: Jejuri , Baramati, Parvati, Phursangi load area of Maharastra.**

**4. Elements affected:**

<b>Feeder/ICT</b>	<b>Tripping time (hh:mm)</b>	<b>Restoration time(hh:mm)</b>	<b>Remarks</b>
400kV Jejuri- Koyna	22:16	23:43	Fault occurred at Jejuri Bus – I leading to Bus bar operation.
400kV Jejuri- Lonikhand	22:16	23:26	Fault occurred at Jejuri Bus – I leading to Bus bar operation.

400kV Bus -2	22:16	23:26	Fault occurred at Jejuri Bus – I leading to Bus bar operation and due to loss of evacuation lines and ICTs
400kV Bus -1	22:16	03:48	Fault occurred at Jejuri Bus – I leading to Bus bar operation.
400/220 KV Jejuri ICT-I	22:16	23:27	Fault occurred at Jejuri Bus – I leading to Bus bar operation.
400/220 KV Jejuri- ICT -II	22:16	03:48 (02.07.17)	Fault occurred at Jejuri Bus – I leading to Bus bar operation.

**5. Load Affected: Around 500 MW of load loss occurred in load area comprising of Jejuri, Baramati, Parvati, Phursangi of Maharashtra.**

**6. Actions Taken:**

**400 KV Bus –II at Jejuri was taken in service at 23:26 hrs by charging 400 KV Jejuri- Lonikhand.**

**Subsequently 400/220 KV Jejuri- ICT- I was taken in service and load was gradually normalized in area of Jejuri, Baramati, Parvati, Phursangi by charging 220 KV lines from Jejuri .**

**400kV Bus -1 restored at 03:48 Hrs along with ICT -2.**

**7. Current Status:**

All elements are restored from Jejuri and all load from Jejuri normalized.

**8. Further action required:**

Details of tripping along with Relays/DR/EL to be furnished by SLDC Maharashtra.

Sunil Aharwal

**(Shift Charge Manager)**