



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

**WRLDC/June-2017/12-06-2017**

**Incident:** Tripping of 400kV RKM-Kotra # 1 tripped on R-E fault and Kotra #2 opened from RKM end leading to tripping of Unit-1 of RKM. 150 MW generation loss.

**1. Date and Time: 12.06.17, 17:07 hrs**

#### **2. Antecedent Conditions**

**1. Frequency of NEW Grid/SR Grid**

Event	Frequency(Hz)	Time(hh:mm:ss)
Pre incident	50.07	17:06:00
Post Incident	49.98	17:08:00

**2. Reason for Tripping:** Heavy rain and storm is reported.

**3. Areas Affected By Disturbance:** About 150 MW generation was lost.

#### **4. Elements affected:**

Feeder/ICT	Tripping time (hh:mm)	Restoration time(hh:mm)	Remarks
400 kV Kotra –RKM # 1	17:07		R-E fault, Fault current 14.12 KA
400 kV Kotra –RKM # 2	17:07	17:46	The line was opened from RKM end and same was synchronized at 17:46
400 kV Bus rector-1	17:07	17:56	Tripping of evacuation lines
GT-1	17:07	18.14	Tripping of evacuation lines

#### **5. Actions Taken:**

400 kV Kotra –RKM # 2 and Bus rector 1 charged on 17:46 Hrs and 17:56 Hrs.

**6. Current Status:**

The patrolling of 400 kV RKM-Kotra # 1 is under progress and the synchronization code for GT-1 at RKM is issued and charged 18.14 hrs. The unit -1 syn is under progress and expected by 19.30 hrs.

**S.S.Velayutham**

**(Shift Charge Manager)**