



# Power System Operation Corporation Limited

## Western regional Load Despatch Centre

### FLASH REPORT

**Incident: WRLDC/February-16/GI 2**

**1. Date and Time: 26/02/2016 02:22 Hrs.**

**2. Antecedent Conditions**

I. Frequency of NEW Grid/SR Grid

Event	Frequency(Hz)	Time (hh:mm)
Pre incident	49.97	02:22
Post Incident	49.97	02:23

II. Demand and Generation of WR

	WR Generation (MW)	WR Demand (MW)	Time (hh:mm)
Pre incident	46416	37938	02:22
Post Incident	46407	37994	02:23

**2. Reason for Tripping:** At 02:22 Hrs 220 kV lines in area kim and kosamba tripped due to heavy tripped. There is no load loss neither Generation loss due to tripping of said lines/Evacuation capacity problem. However SLPP-2 tripped 04.33 to 11.21hrs due to ST-2 tripped. SUGEN-2 tripped 05.55 to 09.39 hrs due to High Diff Pressure of Gas turbine Air inlet.

**3. Areas Affected By Disturbance: NIL**

**4. Generation Loss: NIL**

**5. Load loss: NIL**

**4. Elements Affected:**

Sr.no.	Time		Name of Element	Remark
	from	to		

1	02:22		220 KV Kosamba - Utran line	P/F (Test trial taken @ 18.33 Hrs but could not stand.
2	02:24	02:24	220 KV Kosamba - Vav line	Autoreclose operated
3	02:28	02:28	220 KV Kosamba - Vav line	Autoreclose operated
4	02:41	14.51	220 KV Kosamba - Vav line	
5	03:07	8.48	220 KV Kosamba -Kim line -2	
6	03:37	11.36	220 KV Kosamba -Kim line -1	
7	03:30	04:20	220 KV Sugan -Kim line -1	
8	03:07	12.07	220 KV Bus-coupler kim	
9	03:35	04:20	220 KV Sugan -Kim line -2	
11	03:35	03:35	400 KV Kosamba - Asoj line	Autoreclose operated
12	03:32	03:32	400 KV Sugan - Zantor line	Autoreclose operated
13	04:21	16.32	220 KV Kim - GSEG line	
14	04:19	16.32	220 KV Kosamba - GSEG line-1	
15	04:30	04:54	400 KV Kosamba - Asoj line	
16	04:30	15.42	400 KV Kosamba - Chorani line - 2	
17	04:33	11.36	220 KV Bus - II SLPP	
18	04:33	10.51	220 KV SLPP - Jhagadia line-1	
19	04:33	11.37	220/6.9 KV 15/25 MVA ST-2 SLPP	
20	04:50	16.32	220 KV Gavasad- SLPP LINE-1	
21	04:59	10:25	220 KV Kosamba-Suva line	
22	05:20	05:45	220 KV Kosamba- Gavasadline	
23	06:04	16.39	400 KV UTPS - Kosamba line-2	
24	06:35	06:54	220 KV Kosamba- Gavasadline	
25	06:48	06:50	220 KV SUGEN-KIM-2	
28	07:50		220KV KAPP-Haldarwa-2	PF
29	07:50	8.24	220KV Zantor-Haldarwa-2	

**5. Actions Taken:** Line are being restored one after the other.

GETCO is requested to furnish the details of tripping along with relevant Relay indications, DR/EL.

**(Shift Charge Manager), WRLDC**