


EVENT ANALYSIS REPORT				
UNIT NO : 01	TPS : Khaperkheda TPS		Unit Capacity : 210 MW	
1. *HO Code :	Station Code : T003	Time - 15:21 Hrs.	Date - 03/02/2018	No. of days from last sync. : 13 days.
2. Operating conditions at the time of Event :				
Load		Coal Cycles in service	Oil Support	
157 MW		A, B, C, E & F	NIL	
3. Nature of Event: Set tripped on Bus Bar Protection.				
4. Name of First Up , Main Protections & Protection on which GCB tripped : Station X'mer-1 Tripped On Bus bar Protection[First Up], Loss Of R.H Protection & Turbine Trip, Generator Protection Operated, Turbine Trip gear operated, Turbine Tripped.				
5A) Observations: On Dt. 03/02/2018 at 15:21 hrs. set was on load 157 MW load, with five C/c in service (D S/by). Suddenly Station-1 supply failed & unit tripped on bus bar protection.				
5B) Remedial Action/Work done: Routine work carried out by Electrical Maintenance Section.				
6. Root Cause Analysis: GT-1 and Station-1 tripped on Bus bar differential protection. As per GCR report no primary cause of operation of Bus bar protection noticed. Hence clearance given for charging.				
7. Preventive action suggested (Short Term) :-				
8. Preventive action suggested (Long Term) :-				
9. Similar event occurred last time:-		Unit No # 2 , 210 MW	Time: Hrs.	Date:
Event: No similar event found. Remedial Actions:				
9A. Implementation Status of Long Term/Short Term measures stated at Sr. No 7 & 8 :-				
10. Boiler lighted up		Time - 18:04Hrs	Date - 03/02/2018	
11. T-A Set Synchronized		Time - 20:54 Hrs	Date - 03/02/2018	
12. Remark :				
 Chief Engineer				
13. Recommendations of Works Section:				
1. Procurement/Replacement Plan:				
2. Operational Error:				
3. Delay in Maintenance:4				
4. Delay in bringing back the Unit:				
5. Training of Staff:				
6. Whether remedial action is completed satisfactory & point is closed:				
C E/Dy C E (Works)				