

Detailed Report

Date of Submission : 22-04-2026 11:31

KALABURAGI - 400KV tripped at **18-03-2026 07:51** and restored at **18-03-2026 08:08**

Summary of Event (घटना का सारांश) : On 400kV side YTPS line-1 and 500MVA ICT-1 were in charged condition. YTPS line-2 and 500MVA ICT-2 were yet to be restored .

At 7.51 Hrs when SLDC given instruction to open the 125 MVAR Bus reactor both main and tie breakers were hand tripped at 400kV Kalburgi. With this Tie between Bus A and Bus B was lost. YTPS line -1 connected to Bus A was in charged condition. no load was interrupted as 220kV bus was in charged condition.

Further normalcy of the substation ws restored, YTPS1,2 restored at 08:08hrs and 08:23 hrs respectively and ICT-2 charged at 08:24 hrs.

Time and Date of the event (घटना का समय और दिनांक) : 18-03-2026 07:51

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : KALABURAGI - 400KV

Event Category (श्रेणी के साथ इवेंट प्रकार) : GI-2

Location/Control Area (स्थान/नियंत्रण क्षेत्र) : KARNATAKA

Configuration of Bus (HV/LV) . Along with details of Bus split Operation (if any) :

Bus Configuration Type : One and half breaker

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 400KV- KALABURAGI-YTPS-1 2. 400KV/220KV KALABURAGI-ICT-2	1. 400KV- KALABURAGI-YTPS-2 2. 400KV/220KV KALABURAGI-ICT-1		

Station Connectivity / SLD :
during antecedent

Weather Conditions : Cloudy

Elements under outage prior to the event : 1. 400KV-KALABURAGI-YTPS-2
2. 400KV/220KV KALABURAGI-ICT-2

Other Information (Antecedent Cnditions) : Bus reactor main and Tie CBs hand tripped while opening the Bus Reator

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : while opening Bus reactor at 400kV Kalburgi Bus A got dead resulting in tripping of YTPS line -1

Load and Generation Loss :
(लोड और जेनरेशन हानि)

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	0 MW

Duration of interruption :
(रुकावट की अवधि)

Details of Equipment :
Failure (if any during the event):

Equipment Type	Equipment Make
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List of elements tripped during the event : 1.

Station Connectivity/SLD during the event :

Analysis of the event : at 7:51 hrs while opening Bus reactor at tie between 400kV Kalburgi Bus A and Bus B was tripped . no load was interrupted as 220kV bus was in charged condition

Protection / Operational Issues observed : Nil

Restoration Details : YTPS line 1,2 charged at 08:08hrs and 08:23 hrs respectively and ICT-2 charged at 08:24 hrs.

DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या) : False

Remedial Measures Taken (सुधारात्मक सुझाव) : YTPS line 1,2 charged at 08:08hrs and 08:23 hrs respectively and ICT-2 charged at 08:24 hrs.

Relay/PLCC Operation Details :

Control Panel Anunciation : NA

Main I Relay Indications : No

Main II Relay Indications : No

Other Relay Indications : NO

PLCC Counter Increment I/T : NA

PLCC Counter Increment D/T : NA

Fault Current Value (kAmp) : 0.0

LA Counter : NIL

Remarks :

Attachments :