

Detailed Report

Date of Submission : 04-06-2026 18:02

KANKAPURA - 220KV tripped at **31-05-2026 19:52** and restored at **31-05-2026 20:07**

Summary of Event (घटना का सारांश) : In the antecedent condition , Kanakapura to TK Halliline was under idle charged condition from TKHalli end.Hence , Kanakapura substation was radially fed from Somanahally source during the incident.

Tripping of Somanahally-Harohally line resulted in main supply failure to Kanakapura substation during the incident.

Load loss of 20 MW was reported from Kanakapura substation due to this tripping.

Restoration : Supply resumed at 20.08 Hrs from TK halli source and extended to KIADB Harohalli and Harohally substations also.

Time and Date of the event (घटना का समय और दिनांक) : 31-05-2026 19:52

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : KANKAPURA - 220KV

Event Category (श्रेणी के साथ इवेंट प्रकार) : GD - 1

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

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

Bus Configuration Type : Double Bus with Bus coupler

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements

Station Connectivity / SLD during antecedent : Kanakapura substation was radial on SOmanahally source through Somanahally-Harohally-KIADB Harohally lines

Weather Conditions : Rainy

Elements under outage prior to the event : 1. 220KV-KANKAPURA-TK_HALLI-1

Other Information (Antecedent Cnditions) :

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : Main Supply Faillure

Load and Generation Loss (लोड और जेनरेशन हानि) :

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	20 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	:	Tripping of Somanahally-Harohally line resulted in main supply failure to Kanakapura substation during the incident.
Protection / Operational Issues observed	:	NIL
Restoration Details	:	Restoration : Supply resumed at 20.08 Hrs from TK halli source and extended to KIADB Harohalli and Harohally substations also.
DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Restoration : Supply resumed at 20.08 Hrs from TK halli source and extended to KIADB Harohalli and Harohally substations also.
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	NIL
Main I Relay Indications	:	NIL
Main II Relay Indications	:	NIL
Other Relay Indications	:	NIL
PLCC Counter Increment I/T	:	
PLCC Counter Increment D/T	:	
Fault Current Value (kAmp)	:	None
LA Counter	:	
Remarks	:	No tripping at Kanakapura
Attachments	:	