

Detailed Report

Date of Submission : 21-03-2026 12:31

TP SAURYA LIMITED - 220KV tripped at 17-03-2026 19:35 and restored at 21-03-2026 23:20

Summary of Event (घटना का सारांश) : On dated 17.03.2026 at 19:35 Line bay 203 tripped on Line distance Protection, specifically B phase with a Fault current as 21kA and followingly TPSL Line Bay 204 tripped on Differential Protection.

Time and Date of the event (घटना का समय और दिनांक) : 17-03-2026 19:35

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : TP SAURYA LIMITED - 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
1. TP SAURYA LIMITED - 220KV	1. TP SAURYA LIMITED - 220KV - Bus 1	1. TP SAURYA LIMITED - 220KV - Bus 2	

Station Connectivity / SLD during antecedent : KNTL thalakal

Weather Conditions : Rainy, Thunders, Windy

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) :

Renewable Energy Trip : True

Details of SPS Operation (if any): : False

Reason of tripping : Fault Tripping

Type of Fault : SLG

phases inv : None

Auto Reclosure Operation : Yes

Fault Clearing Time (ms) : 0.0

Load and Generation Loss (लोड और जेनरेशन हानि) :

Solar Generation Loss (MW)	Wind Generation Loss (MW)	Other Generation Loss (MW)	Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	0 MW	0 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. 220KV-TP SAURYA LIMITED-KOPPAL-1
2. TP SAURYA LIMITED - 220KV

Station Connectivity/SLD during the event	:	KNTL thalakal
Analysis of the event	:	On dated 17.03.2026 at 19:35 Line bay 203 tripped on Line distance Protection, specifically B phase with a Fault current as 21kA and followingly TPSL Line Bay 204 tripped on Differential Protection.
Protection / Operational Issues observed	:	Differential Protection was operated and specifically mentioned as B phase
Restoration Details	:	The transmission line was inspected, and no abnormalities were found. During the tripping period, rain, thunder, and wind were present at the location.
DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Transmission line inspection done and no abnormalities are found
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	nil
Main I Relay Indications	:	Differential trip and B phase fault alarms triggered
Main II Relay Indications	:	Differential trip
Other Relay Indications	:	EF Start
PLCC Counter Increment I/T	:	0
PLCC Counter Increment D/T	:	2
Fault Current Value (kAmp)	:	0.343
LA Counter	:	4
Remarks	:	
Attachments	:	

