Detailed Report

Date of Submission : 29-09-2026 16:43

HIRIYUR_OSTRO - 220KV tripped at ***28-09-2026 18:24*** and restored at ***28-09-2026 19:34***

Summary of Event (घटना का सारांश)	:	EHV Line -1 Tripped at 18:24:01 EFR on R phase to Ground 792.24 A ,Distance 62.5Km from Ostro kannada PSS to Hiriyur Power grid .DT Received At the time of tripping, heavy rain and lightning were observed in the area. Post-fault patrolling and inspection of the transmission line and associated PSS / protection system have been completed, and no abnormalities were observed.test charge taken and line stood ok at 19:34:00 28-09-2026.
Time and Date of the event (घटना का समय और दिनांक)	:	28-09-2026 18:24
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	HIRIYUR_OSTRO - 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 : Single Bus

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 :

Weather Conditions : Rainy, Thunders, Windy

Elements under outage prior to the event :
1. HIRIYUR_OSTRO - 220KV
2. 220KV-HIRIYUR_OSTRO-HIRIYUR-1

Other Information (Antecedent Cnditions) : EHV Line -1 Tripped at 18:24:01 EFR on R phase to Ground 792.24 A ,Distance 62.5Km from Ostro kannada PSS to Hiriyur Power grid .DT Received At the time of tripping, heavy rain and lightning were observed in the area. Post-fault patrolling and inspection of the transmission line and associated PSS / protection system have been completed, and no abnormalities were observed.test charge taken and line stood ok at 19:34:00 28-09-2026.

Renewable Energy Trip : False

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) : 500.0

Load and Generation Loss (लोड और जेनरेशन हानि) :

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	100 MW

Duration of interruption (रुकावट की अवधि)	:	
Details of Equipment Failure (if any during the event):	:	

Equipment Type	Equipment Make

List of elements tripped during the event	:	1.
Station Connectivity/SLD during the event	:	
Analysis of the event	:	EHV Line -1 Tripped at 18:24:01 EFR on R phase to Ground 792.24 A ,Distance 62.5Km from Ostro kannada PSS to Hiriyur Power grid .DT Received At the time of tripping, heavy rain and lightning were observed in the area. Post-fault patrolling and inspection of the transmission line and associated PSS / protection system have been completed, and no abnormalities were observed.test charge taken and line stood ok at 19:34:00 28-09-2026.
Protection / Operational Issues observed	:	
Restoration Details	:	Post-fault patrolling and inspection of the transmission line and associated PSS / protection system have been completed, and no abnormalities were observed.test charge taken and line stood ok at 19:34:00 28-09-2026.
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	

Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	86A OPTD,86B OPTD,
Main I Relay Indications	:	Gen trip, DT recived
Main II Relay Indications	:	DIFF PROT OPT,R Phase fault, DT receive
Other Relay Indications	:	NA
PLCC Counter Increment I/T	:	TX 14
PLCC Counter Increment D/T	:	RX 31
Fault Current Value (kAmp)	:	0.792
LA Counter	:	R-05,Y-10,B-12
Remarks	:	
Attachments	:	