

Detailed Report

Date of Submission : 19-03-2026 14:42

KAPNOOR - 220KV tripped at 17-03-2026 21:53 and restored at 17-03-2026 22:58

Summary of Event (घटना का सारांश) : AT 21:53Hr 220KV Bus-I and Bus-II dead at 220KV R/s Kapnoor, due to main supply failure at 400KV R/s Firozabad & 220KV R/s Humnabad. Whereas at 220KV Kapnoor end all 220KV lines were in charged condition.

Time and Date of the event (घटना का समय और दिनांक) : 17-03-2026 21:53

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

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 220KV-KAPNOOR-FEROZABAD-1 2. 220KV-KAPNOOR-HUMNABAD-1	1. 220KV-KAPNOOR-FEROZABAD-2 2. 220KV-KAPNOOR-HUMNABAD-2		

Station Connectivity / SLD :

during antecedent

Weather Conditions : Rainy, Windy

Elements under outage :

prior to the event

Other Information :

(Antecedent Cnditions)

Renewable Energy Trip : False

Details of SPS Operation : False

(if any):

Reason of tripping :

Load and Generation Loss :

(लोड और जेनरेशन हानि)

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	46 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 : 1.

during the event

Station Connectivity/SLD during the event	:	
Analysis of the event	:	
Protection / Operational Issues observed	:	
Restoration Details	:	
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	—
Main I Relay Indications	:	—
Main II Relay Indications	:	—
Other Relay Indications	:	—
PLCC Counter Increment I/T	:	—
PLCC Counter Increment D/T	:	—
Fault Current Value (kAmp)	:	None
LA Counter	:	—
Remarks	:	AT 21:53Hr 220KV Bus-I and Bus-II dead at 220KV R/s Kapnoor, due to main supply failure at 400KV R/s Firozabad & 220KV R/s Humnabad. Whereas at 220KV Kapnoor end all 220KV lines were in charged condition (No line tripped at our end). At 22:58Hrs main supply resumed from 400KV R/s Firozabad & 220KV R/s Humnabad.
Attachments	:	

