

# Detailed Report

Date of Submission : 24-03-2026 15:15

HUMNABAD - 220KV tripped at 17-03-2026 21:52 and restored at 17-03-2026 23:43

Summary of Event (घटना का सारांश) : Main supply failed to Humnabad Ss due to tripping of 400kV YTPS-BPS lines due to line faultt

Load loss of 26MW is reported from Humnabad SS

Time and Date of the event (घटना का समय और दिनांक) : 17-03-2026 21:52

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

Station Connectivity / SLD during antecedent : 220kV side bus configuration at 220kV Humnabad SS in the prefault condition was as follows:

220kV Bus-I : Kapanur-1, Halburga - 1,  
Sedam-1 & 100MVA Trafo-1;

220kV Bus-II : Kapanur-2, Halburga - 2,  
Sedam-2 & 100MVA Trafo-2; Bus Coupler  
was in closed condition

**Weather Conditions** : Normal

**Elements under outage  
prior to the event** :

**Other Information  
(Antecedent Cnditions)** : 220kV side bus configuration at 220kV  
Humnabad SS in the prefault condition was  
as follows:

220kV Bus-I : Kapanur-1, Halburga - 1,  
Sedam-1 & 100MVA Trafo-1;

220kV Bus-II : Kapanur-2, Halburga - 2,  
Sedam-2 & 100MVA Trafo-2; Bus Coupler  
was in closed condition

**Renewable Energy Trip** : False

**Details of SPS Operation  
(if any):** : False

**Reason of tripping** : Others

Other Reason : Main supply failed to Humnabad SS from  
Kapanoor & Sedam SS due to tripping of  
2x500MVA ICTs at 400kv Ferozabad

**Load and Generation Loss** :  
(लोड और जेनरेशन हानि)

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	26 MW

**Duration of interruption** :  
(रुकावट की अवधि)

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

Equipment Type		Equipment Make
<b>List of elements tripped during the event</b>	:	1.
<b>Station Connectivity/SLD during the event</b>	:	
<b>Analysis of the event</b>	:	<p>During the incident main supply failed to Humnabad 220kV SS due to tripping of 2x500MVA ICTs at Kalaburgi SS (ferozabad). Humnabad was radial on Kalaburgi Ss through Kapanoor- Humnabad D/C lines &amp; Sedam- Humnabad lines.</p> <p>Load loss of 26 MW was reported from Humnabad SS due to this tripping. Charging delayed due to high voltage</p>
<b>Protection / Operational Issues observed</b>	:	
<b>Restoration Details</b>	:	At 23.43 Hrs supply restored to Humnabad SS
<b>DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)</b>	:	False
<b>Remedial Measures Taken (सुधारात्मक सुझाव)</b>	:	
<b>Relay/PLCC Operation Details</b>	:	
Control Panel Anunciation	:	NIL
Main I Relay Indications	:	NIL
Main II Relay Indications	:	NIL
Other Relay Indications	:	
PLCC Counter Increment I/T	:	
PLCC Counter Increment D/T	:	

Fault Current Value (kAmp) : None

LA Counter :

Remarks : No tripping at 220kV Humnabad substation

**Attachments** :