

Detailed Report

Date of Submission : 11-06-2026 12:04

NAGNATHPURA - 220KV tripped at 10-06-2026 10:53 and restored at 11-06-2026 11:49

Summary of Event (घटना का सारांश) :

Time and Date of the event (घटना का समय और दिनांक) : 10-06-2026 10:53

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : NAGNATHPURA - 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 : 220Kv Mylasandra line & 220KV HSR line under tie condition

Weather Conditions : Normal

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) : 220KV Mylasandra line tripped on Main 2 distance protection relay , Bus bar protection relay, master trip relay & auxillay relay due to CVT carbonized of 220Kv Mylasandra -220Kv HSR L2 @ Mylasandra Muss .

220KV HSR - Npura line , 150MV tr1 & 150MVA tr2(HV side) tripped on Busbar ptorection relay .

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Fault Tripping

Type of Fault : LLL-G

phases inv : None

Auto Reclosure Operation : No

Fault Clearing Time (ms) : 0.0

Load and Generation Loss (लोड और जेनरेशन हानि) :

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	195 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-NAGNATHPURA-HSR-1

Station Connectivity/SLD during the event : 220KV Mylasandra line & 220KV HSR line under tie condition

Analysis of the event	:	220kv mylsandra tripped on main 2 dist protection relay ,busbar protection relay , master trip relay & auxillary relay indication dist relay details : trip phase -ABC earth fault start IN1 System fre -50HZ fault location -11.72KM , fault duratin -0sec , IA-814.8a Ib-1.882KA Ic-682.9A Van-101.7KV Vbn-27.4KV Vcn-105.8KV zone2 operated . 220kv HSR -220KV nagnathapura line tripped on busbar protection relay @ Nprura Muss
Protection / Operational Issues observed	:	
Restoration Details	:	220Kv mylasandra line Tc stood ok @ 11:19hrs 220kv Hsr - 220KV npura line tc stood ok @11:41 hrs 150MVA (HV) Tr1 & Tr2 tc stood ok @11:19hrs 66 Kv lines velankani , Malgudi L1 & l2, BMRCL , 31.5MVA TR1 & TR2 , 20MVA T3 Tc stood ok @ 11:22hrs
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	220 KV mylasandra line Tc stood ok @ 11:19 hrs
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	Nil
Main I Relay Indications	:	Nil
Main II Relay Indications	:	yes
Other Relay Indications	:	yes

PLCC Counter Increment I/T :
PLCC Counter Increment D/T :
Fault Current Value (kAmp) : 1.882
LA Counter : Nil
Remarks :
Attachments :