

Detailed Report

Date of Submission : 11-06-2026 13:34

NIMHANS - 220KV tripped at **10-06-2026 10:53** and restored at **10-06-2026 11:10**

Summary of Event (घटना का सारांश) : Prior to the incident 220kV NIMHANS -EDC line was kept open as per SLDC instructions hence NIMHANS was radial on HSR source. During the incident due to the trippings occurred at Mylasandra 400/220kV SS main supply failed to NIMHANS 220kV Substation. At 11.10 Hrs loads shifted to EDC source by closing EDC-NIMHANS line.

No tripping at NIMHANS Substation, only main supply failed

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) : NIMHANS - 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
1. 220KV-EDC-NIMHANS-1 2. NIMHANS - 220KV			

Station Connectivity / SLD during antecedent : NIMHANS 220kv SS was radial on Koramangala 220kv SS(HSR source) through NIMHANS-Kaormanagala 220kv line. 2x150MVA Trafo of NIMHANS 220kv SS was in charged codition with total load of 129MW

Weather Conditions : Normal

Elements under outage prior to the event : 1. 220KV-EDC-NIMHANS-1

Other Information (Antecedent Cnditions) : NIMHANS 220kv SS was radial on Koramangala 220kv SS(HSR source) through NIMHANS-Kaormanagala 220kv line. 2x150MVA Trafo of NIMHANS 220kv SS was in charged codition with total load of 129MW

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : Main Supply Faillure to NIMHANS 220kv SS

Load and Generation Loss (लोड और जेनरेशन हानि) :

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	129 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.

Station Connectivity/SLD during the event :

Analysis of the event : Due to trippings occurred at Mylasandra 400/220kV SS , main supply failed to NIMHANS 220kV substation. At 11.10 Hrs, the loads were restored by closing NIMHANS-EDC line in consultation with SLDC.

At 20.02 Hrs on 10.06.2026 , 220kV SS NIMHANS loads shifted to Koramanagala source and normalcy was restored

Protection / Operational Issues observed : NIMHANS-EDC line is kept open as per SLDC instructions

Restoration Details : ue to trippings occurred at Mylasandra 400/220kV SS , main supply failed to NIMHANS 220kV substation. At 11.10 Hrs, the loads were restored by closing NIMHANS-EDC line in consultation with SLDC.

At 20.02 Hrs on 10.06.2026 , 220kV SS NIMHANS loads shifted to Koramanagala source and normalcy was restored

DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या) : True

Remedial Measures Taken (सुधारात्मक सुझाव) : No tripping at NIMHANS 220kV SS

Relay/PLCC Operation :
Details

Control Panel Anunciation : NIL

Main I Relay Indications : NIL

Main II Relay Indications : NIL

Other Relay Indications : NIL

PLCC Counter Increment I/T : NIL

PLCC Counter Increment D/T : NIL

Fault Current Value (kAmp) : 0.0

LA Counter : NA

Remarks : Prior to the incident 220kV NIMHANS -EDC line was kept open as per SLDC instructions hence NIMHANS was radial on HSR source. During the incident due to the trippings occurred at Mylasandra 400/220kV SS main supply failed to NIMHANS 220kV Substation. At 11.10 Hrs loads shifted to EDC source by closing EDC-NIMHANS line

Attachments :