Detailed Report

Date of Submission : 26-09-2026 11:09

SRISAILAM_RIGHT_BANK - 220KV tripped at ***20-09-2026 22:39*** and restored at ***26-09-2026 11:01***

Summary of Event (घटना का सारांश)	:	Bus-II Tripped due to the BUSBAR protection operation
Time and Date of the event (घटना का समय और दिनांक)	:	20-09-2026 22:39
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	SRISAILAM_RIGHT_BANK - 220KV
Event Category (श्रेणी के साथ इवेंट प्रकार)	:	GI-1
Location/Control Area (स्थान/नियंत्रण क्षेत्र)	:	ANDHRA PRADESH
Configuration of Bus (HV/LV) . Along with details of Bus split Operation (if any)	:	

Bus Configuration Type : Double Bus with Bus coupler

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 220KV-SRISAILAM_RIGHT_BANK-BILAKALAGUDUR-1 2. 220KV-SRISAILAM_RIGHT_BANK-DINDI-1	1. 220KV-DOMALAPENTA-SRISAILAM_RIGHT_BANK-1 2. 220KV-SRISAILAM_RIGHT_BANK-MARKAPUR-1		

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
3. 220KV-SRISAILAM_RIGHT_BANK-PODILI-1 4. SRISAILAM_RIGHT_BANK - 220KV - Bus 1 5. SRISAILAM_RIGHT_BANK - 220KV - Bus 1	3. 220KV-SRISAILAM_RIGHT_BANK-MYDUKUR-1 4. 220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_AP-1 5. 220KV-SRISAILAM_RIGHT_BANK-SOMAYAJULAPALLI-1 6. SRISAILAM_RIGHT_BANK - 220KV - Bus 2		

Station Connectivity / SLD during antecedent :

Weather Conditions : Normal

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) : Fault occured on 220KV Markapuram feeder R-Phase and the isolator position feed back is not received to the Busbar Relays, due to that there is a Busbar Differencial current about 6.135KA

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : Busbar Protection Operation

Load and Generation Loss (लोड और जेनरेशन हानि) :

Total Generation Loss (MW)	Total Load Loss(MW)
0 MW	0 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. 220KV-DOMALAPENTA-SRISAILAM_RIGHT_BANK-1
2. 220KV-SRISAILAM_RIGHT_BANK-MARKAPUR-1
3. 220KV-SRISAILAM_RIGHT_BANK-MYDUKUR-1
4. 220KV-SRISAILAM_RIGHT_BANK-NAGARJUNASAGAR_AP-1
5. 220KV-SRISAILAM_RIGHT_BANK-SOMAYAJULAPALLI-1
6. SRISAILAM_RIGHT_BANK - 220KV - Bus 2
7.

Station Connectivity/SLD during the event :

Analysis of the event : Feeder tripped on Busbar protection operated due to the 220KV Markapuram feeder Isolator position feed back not received to the relay

Protection / Operational Issues observed :

Restoration Details :

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

Remedial Measures Taken (सुधारात्मक सुझाव) : Rectified the Isolator feed back wires connection and kept in normal

Relay/PLCC Operation Details :

Control Panel Anunciation	:	Busbar Protection Operation
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	:	
Attachments	:	