Detailed Report

Date of Submission : 24-09-2026 16:54

LOWER_SILERU - 220KV tripped at ***25-08-2026 12:53*** and restored at ***24-09-2026 13:17***

Summary of Event (घटना का सारांश)	:	BUS-2 Dead Lower Sileru- Asupaka 220 KV feeder tripped at only Asupaka end Lower Sileru- Chinthuru 220 KV feeder bocomes redial when Chinthuru-BG kothuru in LC Bus Coupler in Lower Sileru side in Open Position
Time and Date of the event (घटना का समय और दिनांक)	:	25-08-2026 12:53
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	LOWER_SILERU - 220KV
Event Category (श्रेणी के साथ इवेंट प्रकार)	:	GD - 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-DONKARAYI-LOWER_SILERU-1 2. 220KV-BOMMUR-LOWER_SILERU-1	1. 220KV-LOWER_SILERU-Chintur-1 2. 220KV-ASUPAKA-LOWER_SILERU-1		

Station Connectivity / SLD during antecedent	:	BUS-2 Dead Lower Sileru- Asupaka 220 KV feeder on BUS-2 Lower Sileru- Chinthuru 220 KV feeder on BUS-2 Bus Coupler in Open Position
Weather Conditions	:	Normal
Elements under outage prior to the event	:	
Other Information (Antecedent Cnditions)	:	BUS-2 Dead Lower Sileru- Asupaka 220 KV feeder tripped at only Asupaka end Lower Sileru- Chinthuru 220 KV feeder bocomes redial when Chinthuru-BG kothuru in LC Bus Coupler in Lower Sileru side in Open Position
Renewable Energy Trip	:	False
Details of SPS Operation (if any):	:	False
Reason of tripping	:	Others
Other Reason	:	Lower Sileru-Asupaka 220 KV feeder tripped only Asupaka side, Lower Sileru-Chinthuru

220 KV feeder Chinthuru side LC, No Units connected BUS-2, Its Radial feeder

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.

Station Connectivity/SLD during the event : BUS-2 Dead

Lower Sileru- Asupaka 220 KV feeder on Bus-2

Lower Sileru- Chinthuru 220 KV feeder on BUS-2

Lower Sileru-Bommuru 220 KV feeder on BUS-1

Lower Sileru-Donkarai 220 KV feeder on BUS-1

Bus Coupler in Open Position

Analysis of the event : Lower Sileru-Asupaka 220 KV feeder tripped only Asupaka side, Lower Sileru-Chinthuru 220 KV feeder Chinthuru side LC, No Units connected BUS-2, Its Radial feeder,BUS-2 dead

Protection / Operational Issues observed :

Restoration Details	:	13:17 Hrs on Lower Sileru_Asupaka feeder ring Closed
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	Main-1:B-G,Zone-2,Fault Location-94.9 KM, Fault Current IB-1.633 kA, Main-2: B-N,Zone-2,Fault Location-98.63 KM, Fault Current IB-1.562 kA
Main I Relay Indications	:	B-G,Zone-2,Fault Location-94.9 KM, Fault Current IB-1.633 kA
Main II Relay Indications	:	B-N,Zone-2,Fault Location-98.63 KM, Fault Current IB-1.562 kA
Other Relay Indications	:	
PLCC Counter Increment I/T	:	
PLCC Counter Increment D/T	:	
Fault Current Value (kAmp)	:	94.9
LA Counter	:	
Remarks	:	
Attachments	:	