Detailed Report

Date of Submission : 16-10-2026 15:23

NCPS - 765KV tripped at ***15-10-2026 23:46*** and restored at ***16-10-2026 15:15***

Summary of Event (घटना का सारांश)	:	North Chennai Pooling Substation is having four feeders such as 765kV NCPS-NCTPS stage.3 1 & 2 and 765kV NCPS-Ariyalur Line.1 &2. During antecedent condition, 765kV Ariyalur_NCPS Line 2 was outage condition from 14-10-2026 at 03:23hrs. 765kV Ariyalur_NCPS Line.1 fault tripped at 23:46 hrs. At that time Generator at NCTPS stage got triped due to NO evacuation. Hence Bus dead reported at 765kV NCPS end.
Time and Date of the event (घटना का समय और दिनांक)	:	15-10-2026 23:46
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	NCPS - 765KV
Event Category (श्रेणी के साथ इवेंट प्रकार)	:	GD - 1
Location/Control Area (स्थान/नियंत्रण क्षेत्र)	:	TAMILNADU
Configuration of Bus (HV/LV) . Along with details of Bus split Operation (if any)	:	

Bus Configuration Type : One and half breaker

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 765KV-ARIYALUR-NCPS-1	1. 765KV-ARIYALUR-NCPS-2	1. 765KV-NCPS-NCTPS STG3-2	1. 765KV-NCPS-NCTPS STG3-1

Station Connectivity / SLD during antecedent : One and Half

Weather Conditions : Normal

Elements under outage prior to the event : 1. 765KV-ARIYALUR-NCPS-2

Other Information (Antecedent Cnditions) :

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : Source failure

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. 765KV-ARIYALUR-NCPS-1
Station Connectivity/SLD during the event	:	
Analysis of the event	:	The 765kV Ariyalur_NCPS line 2 was already tripped condition from 14-10-2026 03:23hrs. Due to fault tripping of 765kV Ariyalur-NCPS line.1, Generator tripped at NCTPS stage 3 due to no evacuation hence source failure at NCPS end
Protection / Operational Issues observed	:	No
Restoration Details	:	765kV NCPS_Ariyalur line cahrged at 00:12 hrs on 16-10-2026
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	765kV Ariyalur_NCPS line 2 was charged at 16-10-2026 at 00:12hrs
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	
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	:	