Detailed Report

Date of Submission : 09-09-2026 11:15

KILPAUK - 230KV tripped at ***07-09-2026 23:32*** and restored at ***07-09-2026 23:35***

Summary of Event (घटना का सारांश)	:	In antecedent condition, Kilpauk 230kVSS is having source only from NCTPS. Ganesh nager 230kV source and TNEB Hqr sources were kept open condition. Due to line fault in 230kV NCTPS source feeder, both end tripped & all 110kV source were radially fed from Kilpauk bus hence source failure
Time and Date of the event (घटना का समय और दिनांक)	:	07-09-2026 23:32
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	KILPAUK - 230KV
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 : Single Bus

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 230KV-NCTPS-KILPAUK-1			

Station Connectivity / SLD during antecedent :

Weather Conditions : Rainy

Elements under outage prior to the event : 1. 230KV-KILPAUK_GIS-GANESHNAGAR-1

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	90 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. 230KV-NCTPS-KILPAUK-1

Station Connectivity/SLD during the event :

Analysis of the event : Source failure

Protection / Operational Issues observed : NIL

Restoration Details	:	Name of element	Restoration date & time
		110kV KWW 230/110 Auto Trf – 1 kV 230 kV NCTPS Feeder 230/110 Auto Trf – 2 kV 110KV ICF Feeder 110KV Anna Nagar	07.09.2026 @ 23.44 hrs. 07.09.2026 @ 23.39 hrs. 07.09.2026 @ 23.59 hrs. 07.09.2026 @ 23.40 hrs. 07.09.2026 @ 23.50 hrs. 07.09.2026 @ 23.45 Hrs
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	True	
Remedial Measures Taken (सुधारात्मक सुझाव)	:	NIL	
Relay/PLCC Operation Details	:		
Control Panel Anunciation	:		
Main I Relay Indications	:	Zone 1 Trip, C ph	
Main II Relay Indications	:	NIL	
Other Relay Indications	:		
PLCC Counter Increment I/T	:		
PLCC Counter Increment D/T	:		
Fault Current Value (kAmp)	:	None	
LA Counter	:		
Remarks	:		

Attachments :