

Detailed Report

Date of Submission : 25-05-2026 12:33

Ettayapuram - 230KV tripped at 24-05-2026 13:21 and restored at 24-05-2026 21:03

Summary of Event (घटना का सारांश) :

Time and Date of the event (घटना का समय और दिनांक) : 24-05-2026 13:21

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : Ettayapuram - 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 :

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements

Station Connectivity / SLD during antecedent :

Weather Conditions : Rainy

Elements under outage prior to the event : 1. 230KV-TTGS-Ettayapuram-1

Other Information (Antecedent Cnditions) : Rain and Heavy whirlwind at the time of fault

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Fault Tripping

Type of Fault : SLG

phases inv : None

Auto Reclosure Operation : No

Fault Clearing Time (ms) : None

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
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List of elements tripped during the event : 1. 230KV-TTGS-Ettayapuram-1

Station Connectivity/SLD during the event :

Analysis of the event : Line tripped on B-ph to Earth fault.

Protection / Operational Issues observed : nil

Restoration Details : At tower no.30, the jumper supporting insulator got detached from the supporting structure due to heavy whirlwind present at

the time of fault. The jumper support insulator is fixed properly. Line is charged.

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

Remedial Measures Taken (सुधारात्मक सुझाव) : At tower no.30, the jumper supporting insulator got detached from the supporting structure due to heavy whirlwind present at the time of fault. The jumper support insulator is fixed properly. Line is charged.

Relay/PLCC Operation Details :

Control Panel Anunciation :

Main I Relay Indications : differential protection

Main II Relay Indications : differential protection

Other Relay Indications :

PLCC Counter Increment I/T :

PLCC Counter Increment D/T :

Fault Current Value (kAmp) : None

LA Counter :

Remarks :

Attachments :