Detailed Report

Date of Submission : 30-09-2026 12:22

ENNORE SEZ - 400KV tripped at ***28-09-2026 05:56*** and restored at ***28-09-2026 21:41***

Summary of Event (घटना का सारांश)	:	**Ennore SEZ end**: Main-1:P444 Started ph: CN Direct Trip receive-CH1. Main-2:D60 Direct Trip receive -CH2. SVC# radially fed 400 kv Ennore SEZ SS. Y Ph-Zone -1,30.0KM Distance protection operated and the TOR Trip operated at SVC end. AR lockout operated and DT send command on both the channels issued at SVC and. At Ennnore SEZ end, Direct Trip command received on both the channels from SVC and 3 Pole Trip observed at Ennore SEZ end. After inspection of Lines team at SVC end,Declared as No vissible fault and Ennore SEZ # test charged at SVC End, after the clerance from lines team and after hold same tied at Ennore SEZ End found Normal.
Time and Date of the event (घटना का समय और दिनांक)	:	28-09-2026 05:56
Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) :	:	ENNORE SEZ - 400KV
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 :

Elements under outage prior to the event : 1. 400KV-ENNORE SEZ-SUNGAVARACHATRAM-1

Other Information (Antecedent Cnditions) : Ennore SEZ end: Main-1:P444 Started ph: CN Direct Trip receive-CH1.

Main-2:D60 Direct Trip receive -CH2.

At SVC End: SVC# radially fed 400 kv Ennore SEZ SS. Y Ph-Zone -1,30.0KM Distance protection operated and the TOR Trip operated at SVC end. AR lockout operated and DT send command on both the channels issued at SVC and. At Ennnore SEZ end, Direct Trip command received on both the channels from SVC and 3 Pole Trip observed at Ennore SEZ end.

Fault Duration:NA

Fault current:NA

Fault: Line patrolling completed no vissible fault.

Tripping is in order.

Remedial Action: After inspection of Lines team at SVC end,Declared as No vissible fault and Ennore SEZ # test charged at SVC End, after the clerance from lines team and after hold same tied at Ennore SEZ End found Normal.

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : Direct trip received from SVC end (carrier)

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. 400KV-ENNORE SEZ-SUNGAVARACHATRAM-1

Station Connectivity/SLD during the event :

Analysis of the event :

		At SVC End: SVC# radially fed 400 kv Ennore SEZ SS. Y Ph-Zone -1,30.0KM Distance protection operated and the TOR Trip operated at SVC end. AR lockout operated and DT send command on both the channels issued at SVC and. At Ennnore SEZ end, Direct Trip command received on both the channels from SVC and 3 Pole Trip observed at Ennore SEZ end. Fault Duration:NA Fault current:NA Fault: Line patrolling is in progress. Tripping is in order.
Protection / Operational Issues observed	:	
Restoration Details	:	
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Remedial Action: After inspection of Lines team at SVC end,Declared as No vissible fault and Ennore SEZ # test charged at SVC End, after the clerance from lines team and after hold same tied at Ennore SEZ End found Normal.
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	403 21M1/M2 DT REC CH-1/2
Main I Relay Indications	:	21M1 DT REC CH-1/2
Main II Relay Indications	:	21M2 DT REC CH-1/2

Other Relay Indications	:	403 86A/86B Operator 21M1 Over voltage Stg-1
PLCC Counter Increment I/T	:	-
PLCC Counter Increment D/T	:	-
Fault Current Value (kAmp)	:	None
LA Counter	:	-
Remarks	:	
Attachments	:	1. Others