

Detailed Report

Date of Submission : 13-08-2026 16:49

ATP_RenewVyoman_PSS2 - 400KV tripped at 27-07-2026 14:35 and restored at 27-07-2026 23:30

Summary of Event (घटना का सारांश) : on 27-07-2026 33KV Out Going Feeder -06 (Bay-314) Y-ph Cable got punctured and tripped on E/F at thesame time PTR LV-1 & 2 got tripped on REF protection.

Time and Date of the event (घटना का समय और दिनांक) : 27-07-2026 14:35

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : ATP_RenewVyoman_PSS2 - 400KV

Event Category (श्रेणी के साथ इवेंट प्रकार) : GI-2

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 : 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. 400KV- ATP_RenewVyoman- ATP_RenewVyoman_PSS2- 1	1. 400KV/33KV ATP_RenewVyoman_PSS2- ICT-1		

Station Connectivity / SLD during antecedent : 1) 400KV line in charged condition.
2) ICT is in charged condition
3) 33KV Feeders is in charged condition

Weather Conditions : Normal

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) : 33KV Out Going Feeder -06 (Bay-314) Y-ph Cable got puncture and tripped on E/F at the same time PTR LV-1 & 2 got tripped on REF protection.

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Protection coordination

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. 400KV/33KV ATP_RenewVyoman_PSS2-ICT-1
2. ATP_RenewVyoman_PSS2 - 400KV - Bus 2

Station Connectivity/SLD during the event :

Analysis of the event	:	Due to 33KV Out going F#6 Y-Ph cable punctured and feeder tripped on EFR at the same time PTR-LV-1&2 REF protection operated and tripped.
Protection / Operational Issues observed	:	Due to 33KV feeder EFR Fault PTR got tripped on REF
Restoration Details	:	Isolated Faulty feeder, and checked PTR - NCT connections found ok and no abnormalities noticed in PTR side further taken charging code and restored PTR.
DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Isolated Faulty feeder, and checked PTR - NCT connections found ok and no abnormalities noticed in PTR side further taken charging code and restored PTR.
Relay/PLCC Operation Details	:	
Control Panel Anunciation	:	LV-1 & LV-2 REF operated ,402 and 403 86A & B operated and ICT tripped
Main I Relay Indications	:	
Main II Relay Indications	:	
Other Relay Indications	:	PTR LV-1&2 REF Operated ,86A and B operated
PLCC Counter Increment I/T	:	
PLCC Counter Increment D/T	:	
Fault Current Value (kAmp)	:	None
LA Counter	:	
Remarks	:	
Attachments	:	

