

Detailed Report

Date of Submission : 13-08-2026 17:32

ATP_RenewVyoman_PSS2 - 400KV tripped at 24-07-2026 21:55 and restored at 13-08-2026 17:30

Summary of Event (घटना का सारांश) : Due to 33KV Feeder -06 R-Ph Cable termination Failure leads to feeder tripped on EFR and at the same time ICT got tripped on REF protection

Time and Date of the event (घटना का समय और दिनांक) : 24-07-2026 21:55

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 Charged Condition.
2) ICT is in Charged Condition.
3) 33KV Feeders in Charged condition.

Weather Conditions : Normal

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) : One of the O/G 33KV Feeder -06 (Bay -314) got tripped on E/F due to R-Ph Power Cable termination failure same time, 250MVA PTRgot tripped on LV-1 &2 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 : 1) 400KV line and Bus-1 Charged condition.
2) ICT got tripped on REF 402 and 403 and pertaining LV breakers got tripped.

Analysis of the event	:	One of the O/G 33KV Feeder -06 (Bay -314)got tripped on E/F due to R-Ph Power Cable termination failure same time, 250MVA PTRgot tripped on LV-1 &2 REF protection.
Protection / Operational Issues observed	:	Due to Feeder EF Fault PTR got tripped on REF
Restoration Details	:	Rectified Failure cable by doing retermination and tested ok ,further checked ICT healthiness by meggereing found healthy.
DR Time synchronization issues observed (सुरक्षा/ प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Rectified Failure cable retermination carried out and tested ok ,further checked ICT healthiness by meggereing found healthy.
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	:	