

Detailed Report

Date of Submission : 13-08-2026 17:56

ATP_RenewVyoman_PSS2 - 400KV tripped at 31-07-2026 03:20 and restored at 31-07-2026 18:20

Summary of Event (घटना का सारांश) : Due to Feeder-06 B-Ph out door Cable termination failure Feeder got tripped on EFR at the same time PTR got tripped on LV-01 &02 REF protection.

Time and Date of the event (घटना का समय और दिनांक) : 31-07-2026 03:20

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 is in charged condition

Weather Conditions : Normal

Elements under outage prior to the event :

Other Information (Antecedent Cnditions) : Due to Feeder-06 B-Ph out door cable termination failure feeder got tripped on EFR,leads to PTR got tripped on LV-1 & 2 REFprotection

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)
110 MW	110 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 Charged condition.
2) PTR HV and LV got tripped on REF

Analysis of the event : Due to Feeder-06 B-Ph out door Cable termination failure Feeder got tripped on

EFR at the same time PTR got tripped on LV-01 & 02 REF protection.

Protection / Operational Issues observed	:	Due to 33KV feeder Earth Fault ICT got Tripped on REF
Restoration Details	:	1) Faulty Feeder -06 Isolated and further checked PTR no abnormalities noticed.
DR Time synchronization issues observed (सुरक्षा/प्रचालन समस्या)	:	False
Remedial Measures Taken (सुधारात्मक सुझाव)	:	Faulty Feeder -06 Isolated and further checked PTR no abnormalities noticed
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	:	