

Detailed Report

Date of Submission : 20-04-2026 19:01

RSRPL_GadagPS - 220KV tripped at 05-04-2026 08:55 and restored at 20-04-2026 18:44

Summary of Event (घटना का सारांश) : On 5th April 08:55 Hrs Bay 205 tripped due to foreign object eclectrocuted. Object removed Bay 205 charged successfully on 10:13 Hrs 5th April 2026

Time and Date of the event (घटना का समय और दिनांक) : 05-04-2026 08:55

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : RSRPL_GadagPS - 220KV

Event Category (श्रेणी के साथ इवेंट प्रकार) : GD - 1

Location/Control Area (स्थान/नियंत्रण क्षेत्र) : KARNATAKA

Configuration of Bus (HV/LV) . Along with details of Bus split Operation (if any) :

Bus Configuration Type : Double Bus with Bus coupler

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 220KV/33KV RSRPL_GadagPS-ICT-1	1. 220KV/33KV RSRPL_GadagPS-ICT-2		

Station Connectivity / SLD during antecedent	:	Before tripping
		Bay 205 ON
		Bay 201 ON
		Bay 203 ON
		Bay 202 ON
		Load 10 MW
		AFTER TRIPPING
		Bay 205 OFF
		Bay 201 ON
		Bay 203 ON
		Bay 202 ON
Weather Conditions	:	Normal
Elements under outage prior to the event	:	1. 220KV-GADAG_PSS-RSRPL_GadagPS-1
Other Information (Antecedent Cnditions)	:	Foreign object electrocuted near Bay 205. Object removed. Red flags installed sourrounding PSS. and Line Bay 205 charged successfully at 05-April 2026 10:13 Hrs
Renewable Energy Trip	:	False
Details of SPS Operation (if any):	:	False
Reason of tripping	:	Fault Tripping
Type of Fault	:	LL
phases inv	:	
Auto Reclosure Operation	:	
Fault Clearing Time (ms)	:	None

Load and Generation Loss :
(लोड और जेनरेशन हानि)

Total Generation Loss (MW)	Total Load Loss(MW)
10 MW	10 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. 220KV-GADAG_PSS-RSRPL_GadagPS-1

Station Connectivity/SLD during the event : All Bays were in charged condition before Tripping.

After tripping Bay-205 only tripped remaining elements were in ON condition

Analysis of the event : Bay 205 tripped on 5th April 2026 09:55 Hrs. After inspection foreign object observed near Bay 205. Object removed and Line charged successfully at 10: 13 Hrs.

Protection / Operational Issues observed : NIL

Restoration Details : Object removed. Red flags installed and charged successfully on 5th April 2026 at 10:13 HRS

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

Remedial Measures Taken (सुधारात्मक सुझाव) : RED FLAGS INSTALLED SOURROUNDING PSS.

Relay/PLCC Operation Details :

Control Panel Anunciation	:	OCR
Main I Relay Indications	:	OCR Y & B phase
Main II Relay Indications	:	Y phase tripped
Other Relay Indications	:	
PLCC Counter Increment I/T	:	0
PLCC Counter Increment D/T	:	0
Fault Current Value (kAmp)	:	2.76
LA Counter	:	0
Remarks	:	Y phase 2.76 kA B phase 2.11 kA
Attachments	:	1. Others