

Detailed Report

Date of Submission : 26-03-2026 15:23

Serentica_RI3PL_Gadag_S - 220KV tripped at 23-03-2026 21:58 and
restored at 23-03-2026 21:58

Summary of Event (घटना का
सारांश) :

Time and Date of the event : 23-03-2026 21:58
(घटना का समय और दिनांक)

Name of the : Serentica_RI3PL_Gadag_S - 220KV
Substation/Generating
Station/Pooling Station affected
(Along with Voltage level) :

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 : Single Bus

Bus Coupler Status : NA

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
1. 220KV/33KV Serentica_RI3PL_Gadag_S-ICT-1 2. 220KV/33KV Serentica_RI3PL_Gadag_S-ICT-2			

Station Connectivity / SLD : GTL - SOLAR - WIND
during antecedent

Weather Conditions : Rainy, Thunders

Elements under outage prior to
the event : 1. 220KV-GADAG_PSS-Serentica_RI3PL_Gadag_S-1

Other Information (Antecedent
Cnditions) : line to ground fault opted with 1716 amp in R phase,
fault duarition is 81 ms

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Fault Tripping

Type of Fault : SLG

phases inv : None

Auto Reclosure Operation : No

Fault Clearing Time (ms) : 81.0

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. 220KV-GADAG_PSS-Serentica_RI3PL_Gadag_S-1

Station Connectivity/SLD during the event :

Analysis of the event : SRI3PL Gadag Solar PSS Bay-201 CB got tripped on M1Z2 and M1Z3 and 21STFWL1 and 21STFWPE and 67N start protection Relay @ 21:58 Hrs. Cause due to transient trip because of Heavy lightning and Rain at Gadag Region.

Protection / Operational Issues observed :

Restoration Details :

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

Remedial Measures Taken (सुधारात्मक सुझाव) : Checked found there is no abnormal and Reset done

Relay/PLCC Operation Details :

Control Panel Anunciation : REL670

Main I Relay Indications : 21_Z2 and 21_Z3, 86

Main II Relay Indications	:	
Other Relay Indications	:	
PLCC Counter Increment I/T	:	
PLCC Counter Increment D/T	:	
Fault Current Value (kAmp)	:	1.71
LA Counter	:	R-6, Y-5, B-6
Remarks	:	
Attachments	:	