

Detailed Report

Date of Submission : 04-08-2026 11:40

DHONE - 220KV tripped at 01-08-2026 13:54 and restored at 01-08-2026 14:57

Summary of Event (घटना का सारांश) : Tripping of 220KV Bus-1 and 220KV Bus-2 at 220KV SS Dhone

Time and Date of the event (घटना का समय और दिनांक) : 01-08-2026 13:54

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

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

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 : 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-GOOTY-SWS-DHONE-1 2. 220KV-SOMAYAJULAPALLI-DHONE-1 3. 220KV-DHONE-KAMBALPADU-1	1. 220KV-GOOTY-SWS-DHONE-2 2. 220KV-SOMAYAJULAPALLI-DHONE-2 3. 220KV-DHONE-NANSURALLA-1 4. 220KV-DHONE-KRISHNAGIRI-1		

Station Connectivity / SLD during antecedent : 220KV Gooty 1, 220KV Somayajulapalli 1 and 220KV Kambalapadu are connected to 220KV Bus 1 and

220KV Gooty 2, 220KV Somayajulapalli 2, 220 KV Krishnagiri, 220KV Nansuralla are connected to 220KV Bus 2

Weather Conditions : Cloudy

Elements under outage prior to the event :

Other Information (Antecedent Conditions) :

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Others

Other Reason : 220 KV B phase CT connected to Bus-2 of Bus coupler bay got blasted.

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
CT	AREVA T&D

List of elements tripped during the event :
1. DHONE - 220KV - Bus 1
2. DHONE - 220KV - Bus 2

Station Connectivity/SLD during the event :

Analysis of the event : 220 KV B phase CT connected to Bus-2 of Bus coupler bay got blasted.

Protection / Operational Issues observed :

Restoration Details :

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

Remedial Measures Taken (सुधारात्मक सुझाव) : The new CT was drawn and commissioned at 02.38 Hrs on 02.08.26

Relay/PLCC Operation Details :

Control Panel Anunciation : Bus bar protction zone A operated, zone B operated.

Main I Relay Indications : NA

Main II Relay Indications : NA

Other Relay Indications : Bus bar protection operated

PLCC Counter Increment I/T : NA

PLCC Counter Increment D/T : NA

Fault Current Value (kAmp) : 12.8

LA Counter : NA

Remarks :

Attachments : 1. [SLD/Connectivity Diagram](#)