

Detailed Report

Date of Submission : 29-07-2026 15:55

MAHESHWARAM_PG - 765KV tripped at 27-07-2026 00:06 and
restored at 27-07-2026 07:11

Summary of Event (घटना का सारांश) :

Time and Date of the event (घटना का समय और दिनांक) : 27-07-2026 00:06

Name of the Substation/Generating Station/Pooling Station affected (Along with Voltage level) : MAHESHWARAM_PG - 765KV

Event Category (श्रेणी के साथ इवेंट प्रकार) : GI-2

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

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. 765KV-MAHESHWARAM_PG-WARANGAL(NEW)-1 2. 765KV-MAHESHWARAM_PG-WARANGAL(NEW)-2 3. 765KV-KURNOOL_PG_III-MAHESHWARAM_PG-1			

Bus 1 Connected Elements	Bus 2 Connected Elements	Bus 3 Connected Elements	Bus 4 Connected Elements
4. 765KV-KURNOOL_PG_III-MAHESHWARAM_PG-2 5. 765KV-NIZAMABAD-MAHESHWARAM_PG-1 6. 765KV-NIZAMABAD-MAHESHWARAM_PG-2			

Station Connectivity / SLD :

during antecedent

Weather Conditions : Normal

Elements under outage prior to the event :

- 765KV-MAHESHWARAM_PG-WARANGAL(NEW)-2
- 765KV-KURNOOL_PG-MAHESHWARAM_PG-2

Other Information (Antecedent Cnditions) :

Renewable Energy Trip : False

Details of SPS Operation (if any): : False

Reason of tripping : Fault Tripping

Type of Fault : SLG

phases inv : None, None

Auto Reclosure Operation : No

Fault Clearing Time (ms) : None

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. MAHESHWARAM_PG - 765KV - Bus 1

Station Connectivity/SLD during the event :

Analysis of the event : Flashover occurred in Y-Phase of 71352 CB GIS chamber eventhough 71352 CB is in open condition due to Y-G fault on 765kV Maheswaram-Warrangal(WKTL)-2 feeder . Subsequently 765kV Main-1 Bus Bar protection operated and tripped the 765kV Bus-1 of Maheswaram GIS.

Protection / Operational Issues observed :

Restoration Details :

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

Remedial Measures Taken (सुधारात्मक सुझाव) :

Relay/PLCC Operation Details :

Control Panel Anunciation : 765kV Main-1 Bus Bar protection operated, all connected main bay circuit breakers to 765kV Bus-1 was tripped.

Main I Relay Indications : 765kV Main-1 Bus Bar protection operated, all connected main bay circuit breakers to 765kV Bus-1 was tripped.

Main II Relay Indications : 765kV Main-1 Bus Bar protection operated,
all connected main bay circuit breakers to
765kV Bus-1 was tripped.

Other Relay Indications :

PLCC Counter Increment I/T :

PLCC Counter Increment D/T :

Fault Current Value (kAmp) : 21.0

LA Counter :

Remarks :

Attachments :