



ग्रिड-इंडिया
GRID-INDIA

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

GRID CONTROLLER OF INDIA LIMITED

(A Government of India Enterprise) [Formerly (POSOCO)]

दक्षिण क्षेत्रीय भार प्रेषण केन्द्र/ Southern Regional Load Despatch Centre



कार्यालय : २९, रेस कोर्स क्रॉस रोड, बेंगलूरु ५६० ००९.

Office : 29 Race Course Cross Road, Bengaluru 560 009.

CIN NO : U40105DL2009GOI188682, Website : www.srldc.in E-mail : srldc@grid-india.in, Tel : 080-2225004/45,25, Fax : 080-22268725

सन्दर्भ/Ref: एसआरएलडिसी SRLDC/SO/2026/

04-05-2026

सेवा मे/To

Chief Engineer (Power Systems)

TGTRANSCO, Hyderabad- 500082

Subject: Frequent tripping of 400kV Gajwel-Chandalapur lines at Chandalapur end due to over current (I>3) protection operation

Sir/Madam,

This is to bring to your kind notice that the frequent tripping of the 400 kV Gajwel-Chandalapur lines only at Chandalapur end, which is attributed to Over Current (I>3) operation during through-fault conditions in the recent past. The details of these tripping incidents are furnished below:

Sl No	Element Name	Date	Reason
1	400kV Gajwel-Chandalapur-1 & 2	26-04-2026	Triggering incident was B-G fault in 400kV Narsapur-Gajwel-2 , during which I>3 Trip operated in both the lines only in Main 1 MICOM Relay at Chandalapur end.
2	400kV Gajwel-Chandalapur-1 & 2	14-04-2026	Triggering incident was B-G fault in 400kV Chandalapur-Gajwel-2 , A/R was unsuccessful and 3ph tripped in line 2 due to I>3 operation and further line 1 tripped due to I>3 Trip operated in Main 1 MICOM Relay at Chandalapur end.
3	400kV Gajwel-Chandalapur-1	30-12-2025	Triggering incident was fault in 400kV Chandalapur-Tippapur-1 , during which I>3 Trip operated in Main 1 MICOM Relay at Chandalapur end.

Overcurrent protection is not envisaged for 400 kV transmission lines as per Schedule-V of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022. In case such settings have been incorporated as part of other protection schemes (such as SOTF or stub protection), the same shall be verified, any associated logic issues identified in this regard shall be rectified, and the possibility of maloperation during external faults shall be examined.

Necessary corrective actions shall be taken to avoid such for safe and secure grid operation.

धन्यवाद, Thanking you,

भवदीय / Yours faithfully,

(Signature)

नदीम अहमद / Nadim Ahmad

महाप्रबंधक / General Manager

प्रतिलिपि / Copy to:

- सदस्य सचिव एसआरपीसी, बेंगलूरु / Member Secretary SRPC, Bengaluru
- कार्यकारी निदेशक, एसआरएलडीसी, बेंगलूरु/ Executive Director, SRLDC, Bengaluru

पंजीकृत कार्यालय : बी- 9, प्रथम तल कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सारय, नई दिल्ली - 110 016.

Registered Office : No. B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016.

Website : www.grid-india.in