



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.

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सन्दर्भ/Ref: एसआरएलडिसी SRLDC/SO/2026/

29-04-2026

सेवा में/To

AGM, E&I Maintenance,
M/s JSW Energy Ltd, Toranagallu,
Bellary - 583275

Subject: Frequent tripping of 400kV Jindal-BPS lines at Jindal end due to Ground Potential Rise

Sir/Madam,

This is to bring to your kind notice that frequent tripping of the 400 kV Jindal-BPS lines at the Jindal end is being observed. The tripping is suspected to be associated with Ground Potential Rise (GPR) during through-fault conditions on other lines connected at BPS, wherein the tripping is occurring only at the Jindal end without any corresponding trip signal from the protection relay. It is also pertinent to highlight the alarming increase in such tripping incidents in the recent past. The details of tripping events of the 400 kV Jindal-BPS line due to GPR for the period from January 2025 to April 2026 are furnished below.

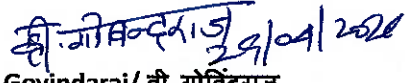
Sl No.	Element Name	Date	Reason
1	400 kV Jindal-BPS-3 & 4	29-04-2026	Triggering incident is the fault in 400kV BPS-YTPS-1 line, during which 400kV Jindal-BPS-3 & 4 lines tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
2	400 kV Jindal-BPS-4	21-04-2026	Triggering incident is the R-G fault in 400kV BPS-PAVAGADA-1 line and AR was successful in the line during which 400kV Jindal-BPS-4 line tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
3	400 kV Jindal-BPS-3	16-04-2026	Triggering incident is the R-G fault in 400kV Jindal-BPS-4 line, during which 400kV Jindal-BPS-3 line tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
4	400 kV Jindal-BPS-4	13-04-2026	Triggering incident is the Y-G fault in 400kV BPS-YTPS-1 , during which 400kV Jindal-BPS-4 line tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
5	400 kV Jindal-BPS-3 & 4	16-03-2026	Triggering incident is the R-G fault in 400kV BPS-Jagalur-2 , and A/R was successful in the line during which 400kV Jindal-BPS-3 & 4 lines tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
6	400 kV Jindal-BPS-3	03-05-2025	Triggering incident is the Y-G fault in 400kV BPS-PAVAGADA-2 and AR was successful in the line during which 400kV Jindal-BPS-3 line tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.
7	400 kV Jindal-BPS-3&4	11-04-2025	Triggering incident is the B-G fault in 400kV BPS-PAVAGADA-1 and AR was successful in the line during which 400kV Jindal-BPS-3 & 4 lines tripped only at Jindal end due to suspected GPR without any trip signal from the Relay.

वी गोविन्दराजु
29/04/2026
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Although this issue has been observed in earlier years, the frequent occurrences in the recent times need for urgent remedial action on war footing basis for safe & secure grid operation. Further, it is requested that the findings of the investigation, along with the remedial and preventive measures taken to avoid recurrence of such trippings in future and a clear action plan in this regard, may kindly be furnished at the earliest.

धन्यवाद, Thanking you,

भवदीय / Yours faithfully,


V. Govindaraj/ वी. गोविंदराज,

Chief General Manager (System Operation)/ मुख्य महाप्रबंधक (सिस्टम ऑपरेशन)

प्रतिलिपि / Copy to:

1. सदस्य सचिव एसआरपीसी, बेंगलुरु / Member Secretary SRPC, Bengaluru
2. कार्यकारी निदेशक एसआरएलडीसी बेंगलुरु/ Executive Director, SRLDC Bengaluru