



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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संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/Aug/13

दिनांक/Date :24-08-2026

सेवा में /To

Chief Engineer (LD), KPTCL,
No.28, Race Course Cross Road,
Bengaluru- 560009

Subject: Adherence to Schedule for secure & stable operation of Grid-Reg

Sir/Madam,

This is to bring to your notice that there has been considerable deviation by Karnataka on 22nd, 23rd August 2026. The underdrawal quantum reached upto 700 MW on 23rd August 2026 when frequency touched 50.21 Hz. The Overdrawl quantum reached upto 750 MW when frequency touched 49.65 Hz on 22nd August 2026. Deviation plots are attached as Annexure-1.

The following is the summary of the deviation for karnataka from 22nd to 23rd August 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
22-08-2026	3	0	951 MW	681 MW
23-08-2026	1	5	964 MW	1071 MW

On 23rd August 2026, persistent underdrawl by Karnataka was observed from 13:30 Hrs to 15:30 Hrs and quantum reached upto 1071 MW and Underdrawl was observed upto 700 MW when frequency touched 50.21 Hz at 14:00 Hrs. During this period, Demand Forecast is more than actual demand by around 2000 MW. Demand Forecast Vs Actual plot is attached as Annexure-2. Karnataka was buying in both DAM & RTM in quantum of up to 490 MW, 920 MW respectively during this Underdrawl period as shown in Annexure-3.

The above deviations indicate the need for significant improvement in demand forecasting. It is therefore reiterated that accurate and robust demand forecasting shall be carried out on both a day-ahead and intraday basis, with appropriate revisions based on prevailing demand trends and system conditions.

In view of such deviations, it is once again reiterated that proactive planning of the LGBR and the State's power portfolio is essential. Your kind cooperation in this regard is highly solicited to maintain grid discipline and ensure grid security. Such consistent deviation from schedule is a matter of concern and proactive planning shall be taken to maintain LGB. Internal generation shall be optimised wherever feasible and explore market options/avenues in advance to maintain the load-generation balance.

(Signature)
24/08/2026

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

In this regard following clauses of the Indian Electricity Grid Code (IEGC) 2023 shall be noted and complied:

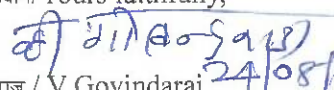
30.(3) *All users shall adhere to their schedule of injection or drawl, as the case may be, and take such action as required under these regulations and as directed by NLDC or respective RLDCs or respective SLDCs so that the grid frequency is maintained and remains within the allowable band.*

45. (6) *Each regional entity shall regulate its generation or demand or both, as the case may be, so as to adhere to the schedule of net injection into or net drawal from the inter-State transmission system.*

This is for your kind information and necessary proactive action to prevent the recurrence of such incidents and to ensure the secure and reliable operation of the grid.

Thanking You,

भवदीय/Yours faithfully,


वी गोविंदराज / V Govindaraj 24/08/2024

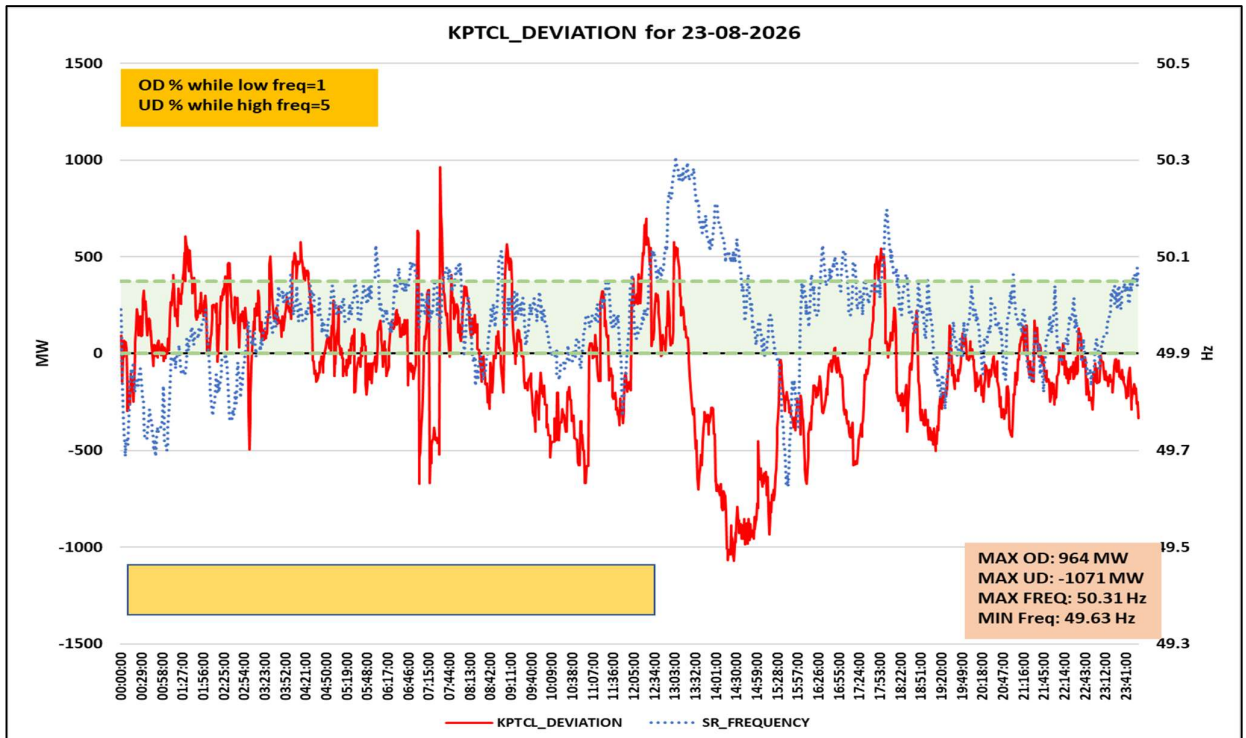
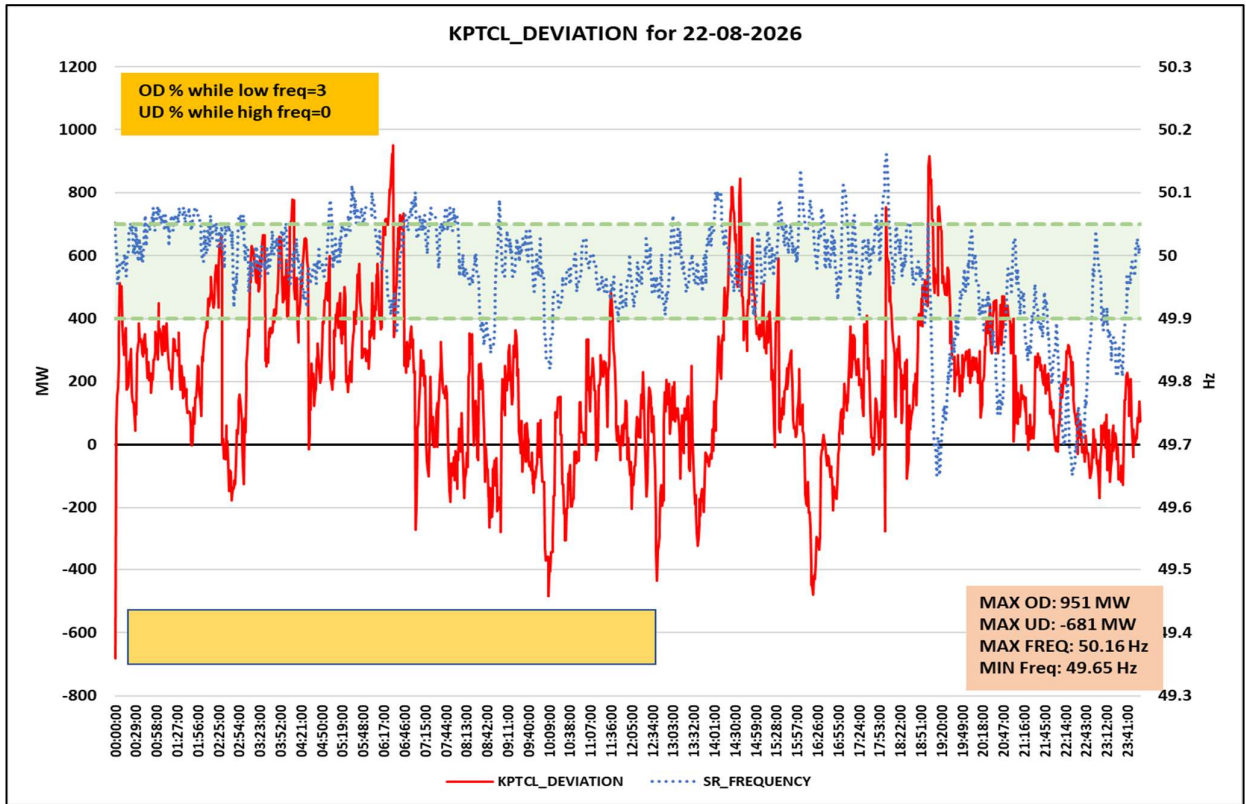
मुख्य महाप्रबंधक/ Chief General Manager

सिस्टम ऑपरेशन / System Operation

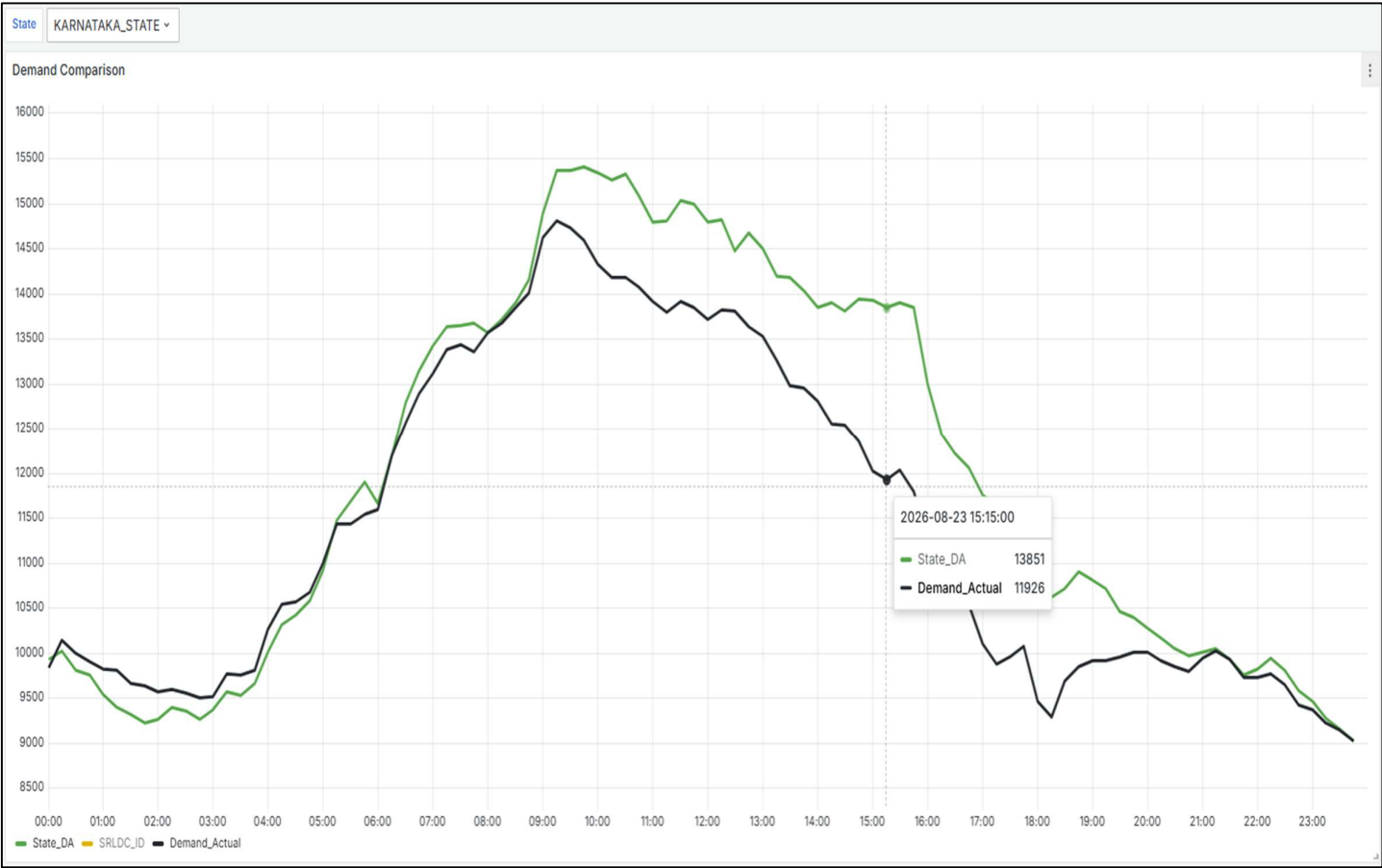
Annexure: 1. Deviation vs Frequency Analysis
2. Demand Forecast Vs Actual
3. RTM/DAM vs Deviation

Copy to: 1. ED, NLDC, New Delhi
3. ED, SRLDC, Bangalore

ANNEXURE-I



ANNEXURE-II



Forecasted Demand Vs Actual Demand on 22-08-2026

ANNEXURE-III

