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

संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/11 दिनांक/Date :16-10-2026

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

Subject: Persistent Deviation from schedule -Reg
Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/02
GRID-INDIA/SRLDC/ RTO/2026/Oct/05
GRID-INDIA/SRLDC/ RTO/2026/Oct/09
GRID-INDIA/SRLDC/ RTO/2026/Oct/10

Sir/Madam,

This is to bring to your notice that significant and persistent deviation from schedule by Karnataka was observed on 15th October 2026. The overdrawl quantum reached upto 1776 MW on 15th Oct 2026. The Deviation vs. Frequency plots for the above period are enclosed as Annexure-1.

The following is the summary of the deviation for Karnataka on 15th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
15-10-2026	2	0	1776 MW	756 MW

The overdrawal was also associated with decline in system frequency. On 15th October 2026, persistent overdrawal by Karnataka was observed from 06:10 to 11:00 Hrs and 12:10 Hrs to 14:00 Hrs and 15:20 Hrs to 17:00 Hrs with the quantum reaching up to 400 MW when frequency touched 49.58 Hz at 17:54 Hrs. Such considerable overdrawal from the grid persistently during the lean/non-solar morning and evening peak hours endangering the grid security is serious concern.

During the period of overdrawal from 12:00 to 14:00 Hrs on 15th October 2026, Actual Demand is more than forecasted demand by around 2200 MW and Actual Solar generation is less than Forecasted Solar generation by 1200 MW. Actual Demand Vs Forecasted demand is attached in Annexure-2. Actual Solar Generation Vs Forecasted Solar Generation is attached in Annexure-3.

Persistent Partial generation outage were observed in Karnataka State Thermal Generation, with the major contribution from Yeramaras TPS (350 MW), followed by Bellary TPS (180 MW) during lean/non-solar hours. The restrictions at Yeramaras TPS were primarily associated with ash evacuation issues and at Bellary TPS low heat value coal and equipment constraints as per information received from Karnataka SLDC. Yeramaras and Bellary TPS Thermal Generation plot is attached in Annexure-4.

The significant deviation between actual and forecasted demand, actual solar generation and forecasted solar generation highlights the need for improved forecasting accuracy and proactive planning to address demand variations and RE generation variability, thereby minimising deviations from schedule and ensuring grid security.

वी. गोविन्दराजु
16/10/2026

It is further observed that persistent partial outages in Karnataka's thermal generation, particularly at Yeramaras TPS and Bellary TPS, have constrained the availability of internal generation contributing to the State's demand–generation gap. KPTCL/Karnataka SLDC is requested to take necessary corrective measures in coordination with the concerned generating stations to mitigate these constraints and maximise the availability of thermal generation, thereby reducing dependence on overdrawal from the grid and ensuring secure grid operation

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.

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.

Your kind cooperation in this regard is solicited to minimise deviations, maintain grid discipline and ensure secure grid operation.

Thanking You,

भवदीय/Yours faithfully,

वी गोविंदराज (V) 16/10/2025.

वी गोविंदराज / V Govindaraj

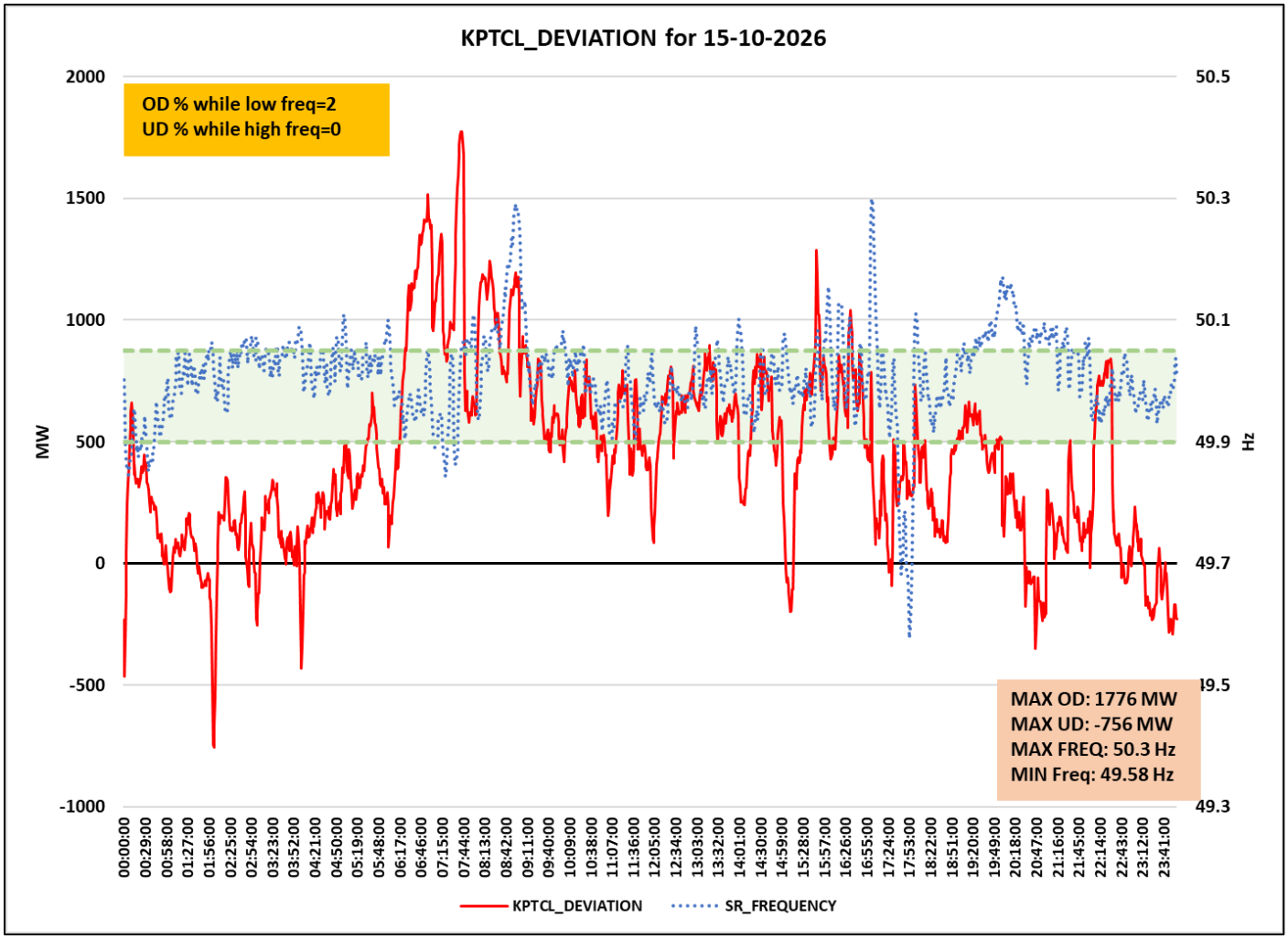
मुख्य महाप्रबंधक/ Chief General Manager

सिस्टम ऑपरेशन / System Operation

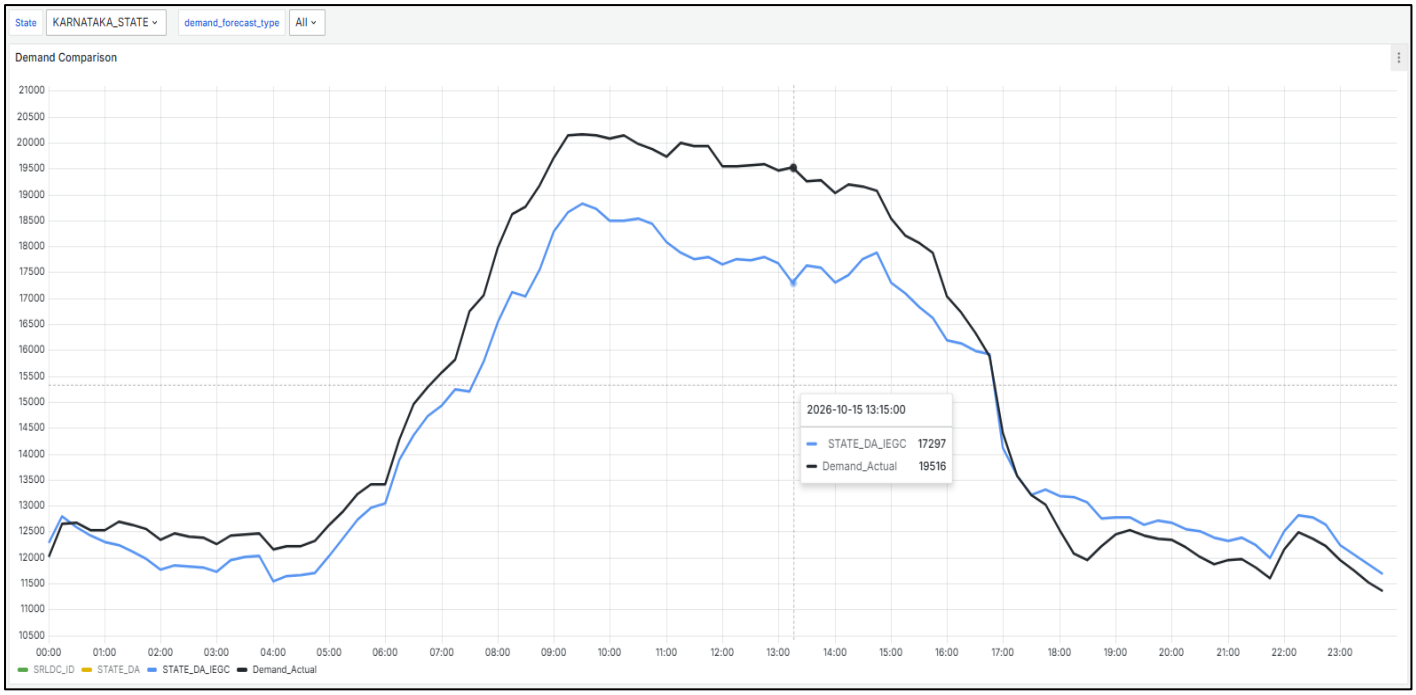
Annexure: 1. Deviation vs Frequency Analysis
2. Actual Demand Vs Forecasted Demand
3. Actual Solar generation Vs Forecasted Solar Generation
4. Partial outage in Yeramaras and Bellary Thermal generation

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

ANNEXURE-1

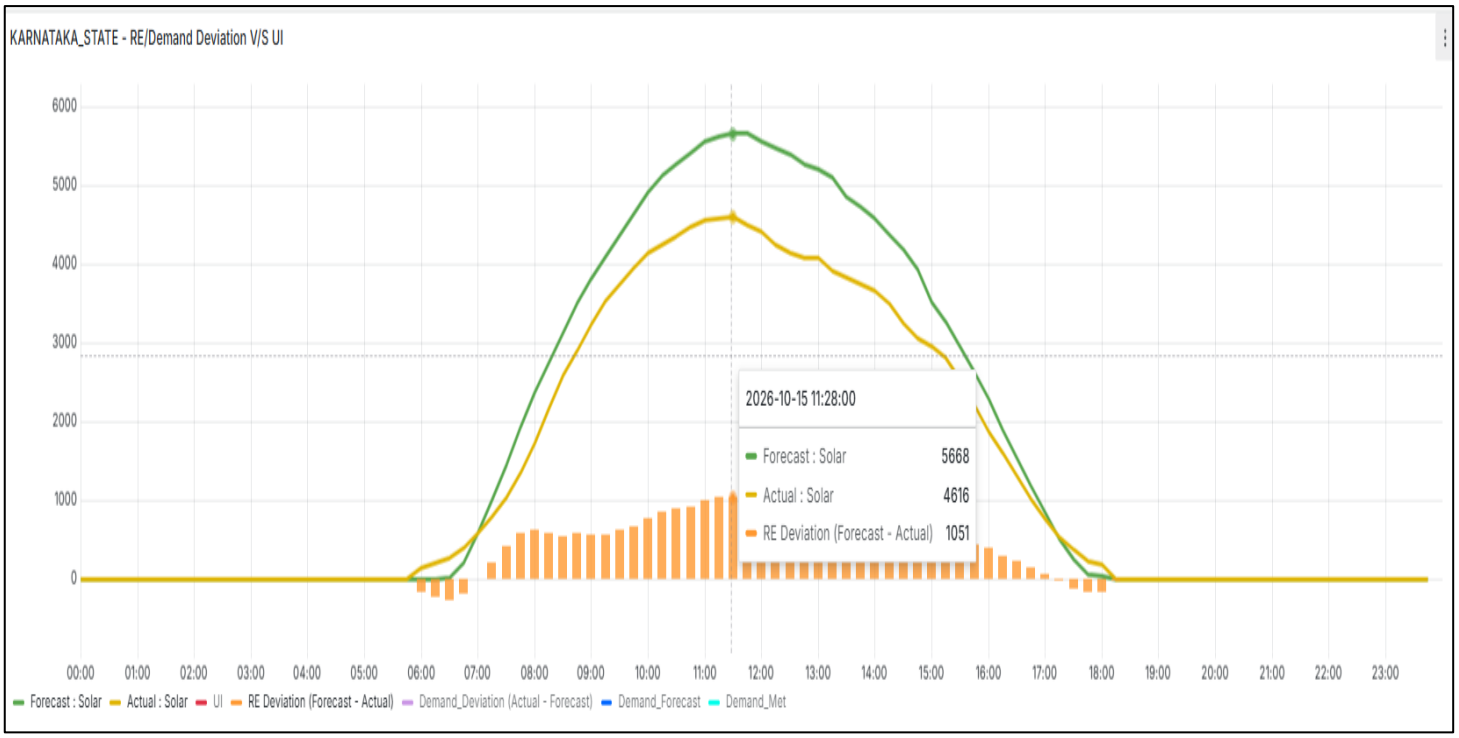

KPTCL_DEVIATION for 15-10-2026
OD % while low freq=2
UD % while high freq=0
MAX OD: 1776 MW
MAX UD: -756 MW
MAX FREQ: 50.3 Hz
MIN Freq: 49.58 Hz
MW
Hz
KPTCL_DEVIATION
SR_FREQUENCY

Annexure - II



Actual Demand Vs Forecasted Demand on 15-Oct-2026

ANNEXURE-III



Actual Solar Generation Vs Forecasted Solar Generation on 15-10-2026

A. Hemanth.

ANNEXURE-IV



Yermaras TPS Thermal Generation Plot



Bellary TPS Thermal Generation Plot

A. Hemanth.