ग्रिड-इंडिया GRID-INDIA
ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
GRID CONTROLLER OF INDIA LIMITED
(A Government of India Enterprise)
[Formerly Power System Operation Corporation Limited (POSOCO)]
दक्षिण क्षेत्रीय भार प्रेषण केन्द्र / Southern Regional Load Despatch Centre
कार्यालय : 29,रेस कोर्स क्रॉस रोड, बेंगलुरु-560009
Office : 29, Race Course Cross Road, Bengaluru - 560009
CIN : U40105DL2009GOI188682, Website : www.srldc.in, E-mail : srldc@grid-india.in, Tel.: 080-22250047/4525, Fax: 080 22268725

संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/02 दिनांक/Date :05-10-2026

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 significant and persistent deviation from schedule by Karnataka was observed from 01st to 04th October 2026. The Overdrawl quantum reached upto 907 MW on 03rd October 2026.The Underdrawl quantum reached upto 1141 MW on 02nd 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 from 01st to 04th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
01-10-2026	1	5	893 MW	922 MW
02-10-2026	0	14	435 MW	1141 MW
03-10-2026	4	1	907 MW	672 MW
04-10-2026	3	1	654 MW	916 MW

Physical regulatory measures were taken to control the deviation of Karnataka. The following elements were taken out during the overdrawal period.

Element Name	Physical Regulation Stage	Tripping Time	Synchronising Time
220KV-KOLAR_AC-CHINTAMANAI-1	STAGE-1	03-10-2026 19:24	03-10-2026 20:18
220KV-KOLAR_AC-CHINTAMANAI-2	STAGE-1	03-10-2026 19:24	03-10-2026 20:18
220KV-KOLAR_AC-T GOLLAHALLI-1	STAGE-1	03-10-2026 19:25	03-10-2026 20:07
220KV-KOLAR_AC-T GOLLAHALLI-2	STAGE-1	03-10-2026 19:26	03-10-2026 20:08

The overdrawal was also associated with decline in system frequency. On 01st October 2026, at 18:43 Hrs, frequency touched 49.60 Hz when the overdrawal was 480 MW. On 03rd October 2026, during 18:45 to 20:30 Hrs, persistent overdrawal was observed with the quantum of 560 MW when the frequency touched 49.43 Hz. Such considerable overdrawal from the grid persistently during the non-solar evening peak hours endangering the grid security is serious concern.

05/10/2026

On 02nd October 2026, persistent underdrawal by Karnataka was observed from 08:15 to 15:00 Hrs, with the quantum reaching up to 820 MW, during which the system frequency touched 50.22 Hz. During the period of underdrawal on 02nd October 2026, it was observed that Karnataka scheduled power through DAM purchases up to 824 MW and on 01st October, Karnataka scheduled power through DAM and RTM purchases up to 778 MW and 846 MW, respectively, as detailed in Annexure-2.

Further, during the underdrwal period on 02nd Oct 2026, the actual demand in Karnataka was observed to be approximately 2000 MW lower than the forecasted demand. The comparison of actual demand Vs forecasted demand furnished by Karnataka state is provided in Annexure-3.

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 05/10/2026

वी गोविंदराज / V Govindaraj

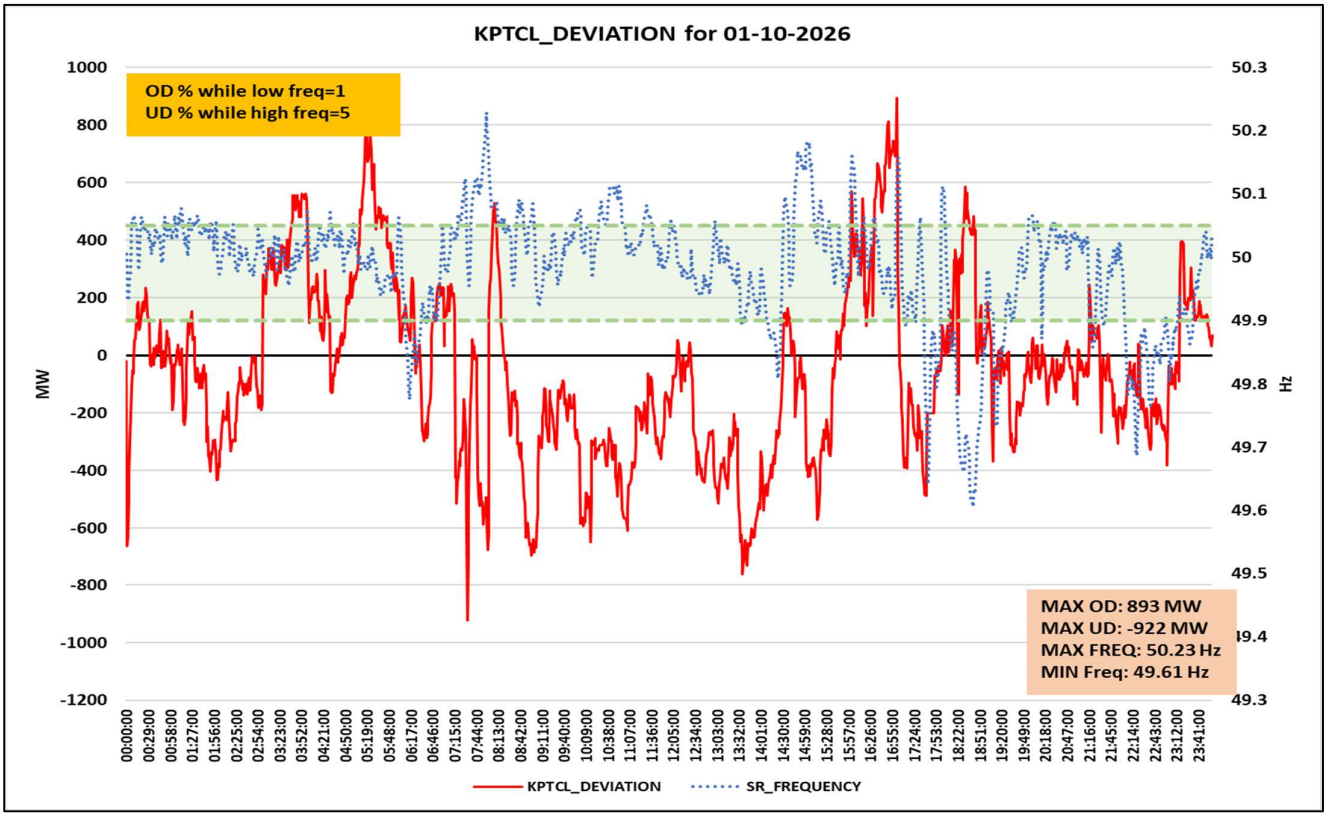
मुख्य महाप्रबंधक/ Chief General Manager

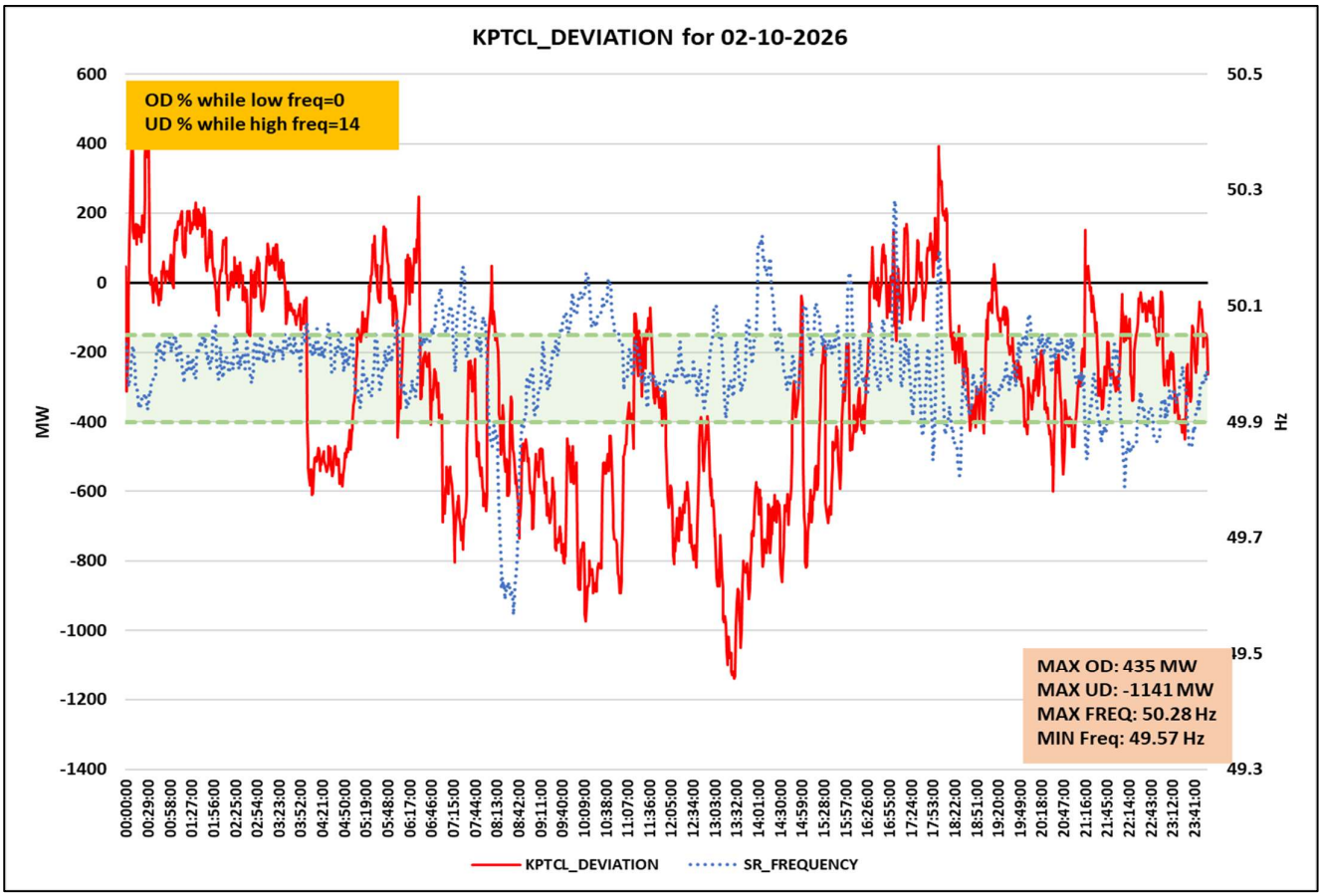
सिस्टम ऑपरेशन / System Operation

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

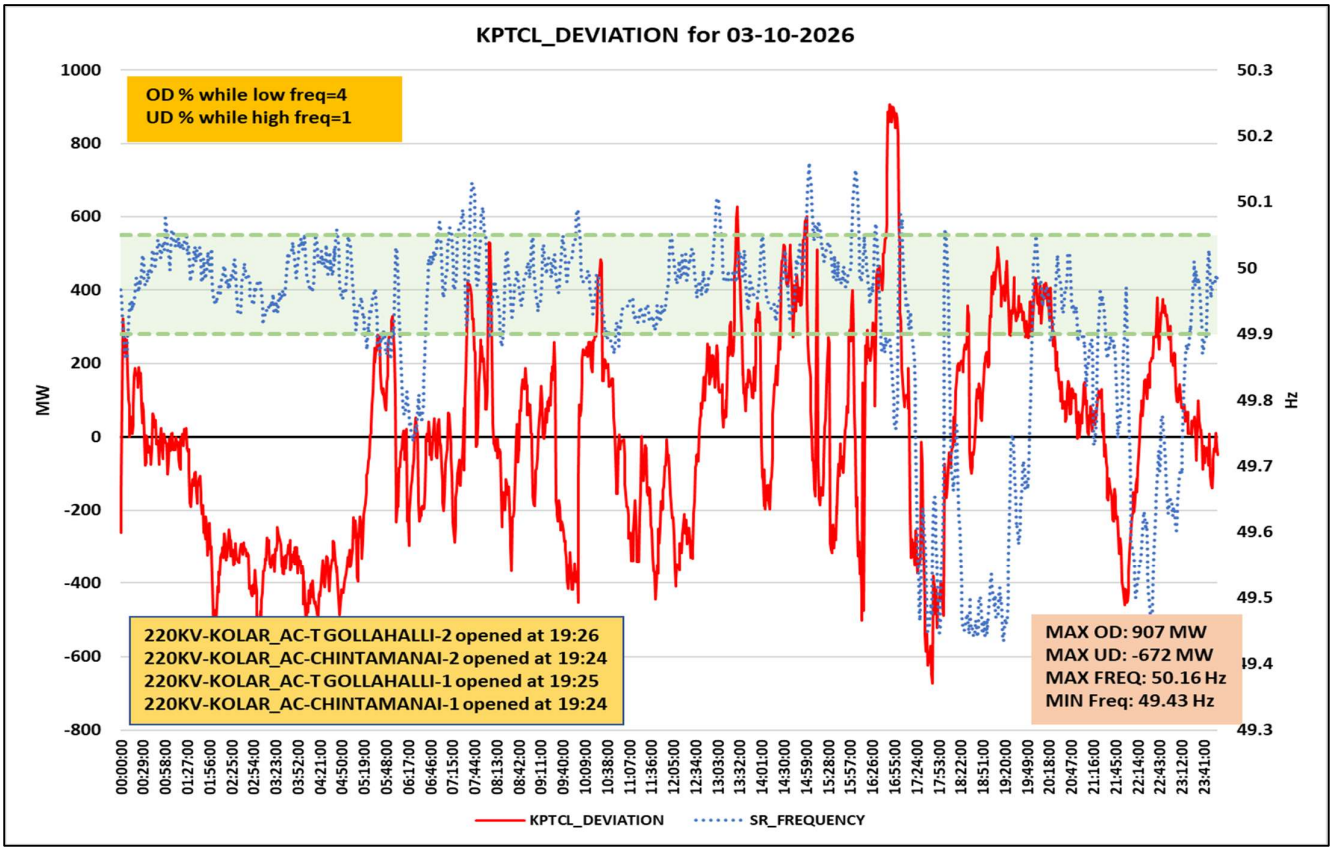
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bangalore

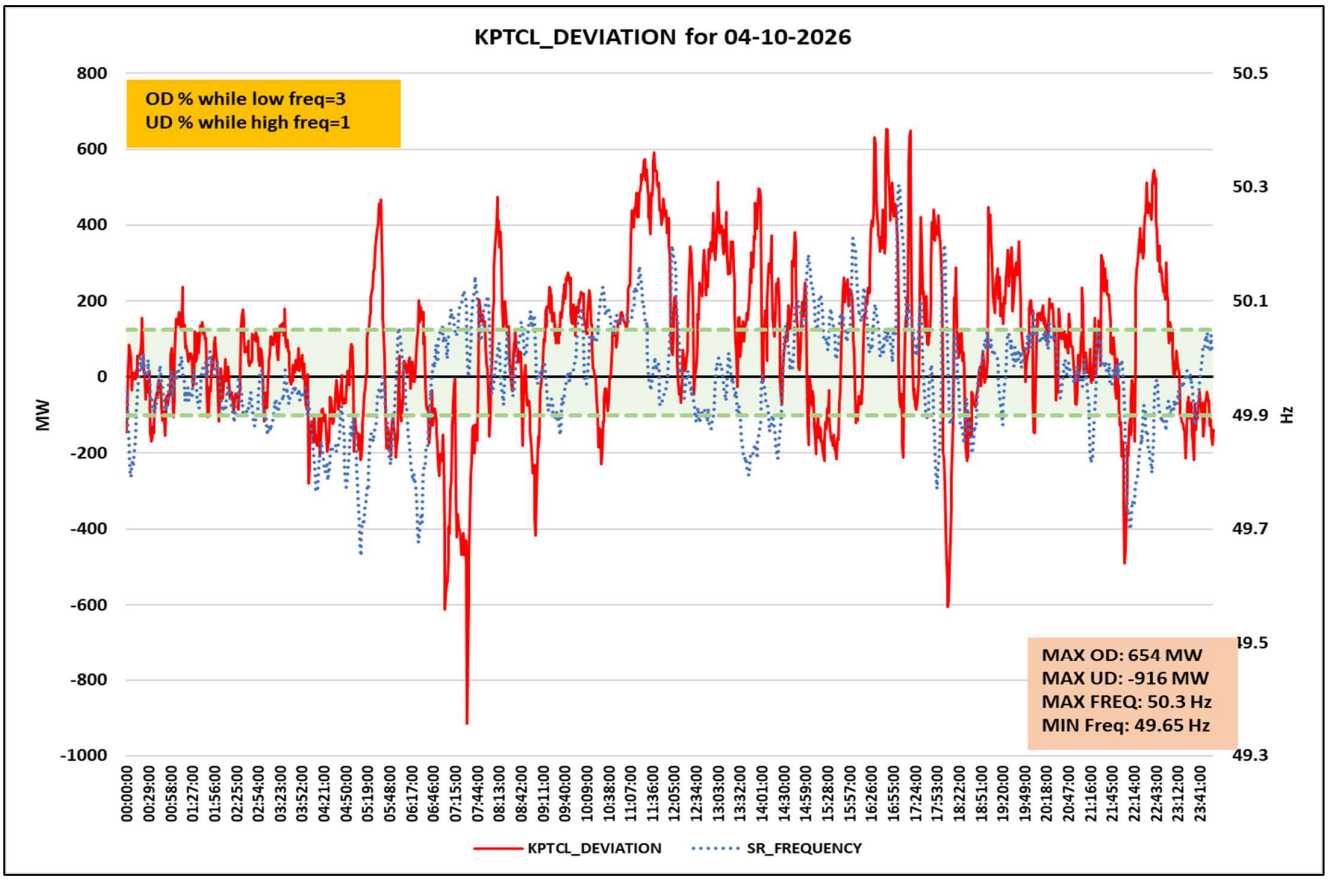
ANNEXURE-1





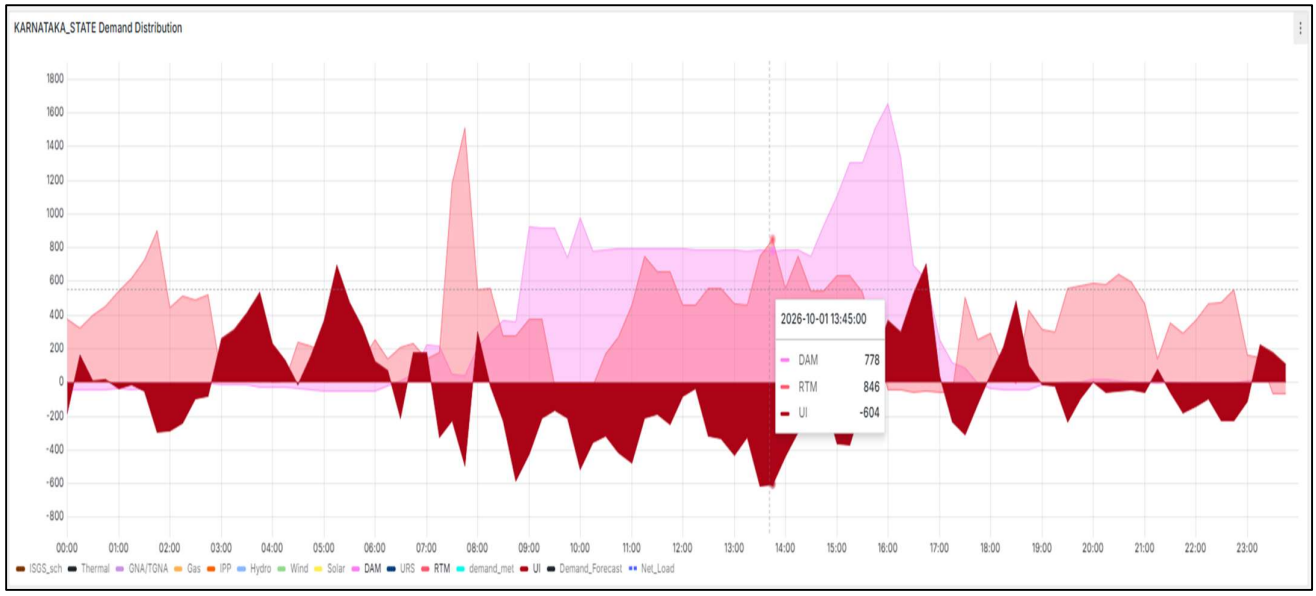
A. Hemanth


KPTCL_DEVIATION for 03-10-2026
OD % while low freq=4
UD % while high freq=1
220KV-KOLAR_AC-T GOLLAHALLI-2 opened at 19:26
220KV-KOLAR_AC-CHINTAMANAI-2 opened at 19:24
220KV-KOLAR_AC-T GOLLAHALLI-1 opened at 19:25
220KV-KOLAR_AC-CHINTAMANAI-1 opened at 19:24
MAX OD: 907 MW
MAX UD: -672 MW
MAX FREQ: 50.16 Hz
MIN Freq: 49.43 Hz
MW
Hz
KPTCL_DEVIATION
SR_FREQUENCY

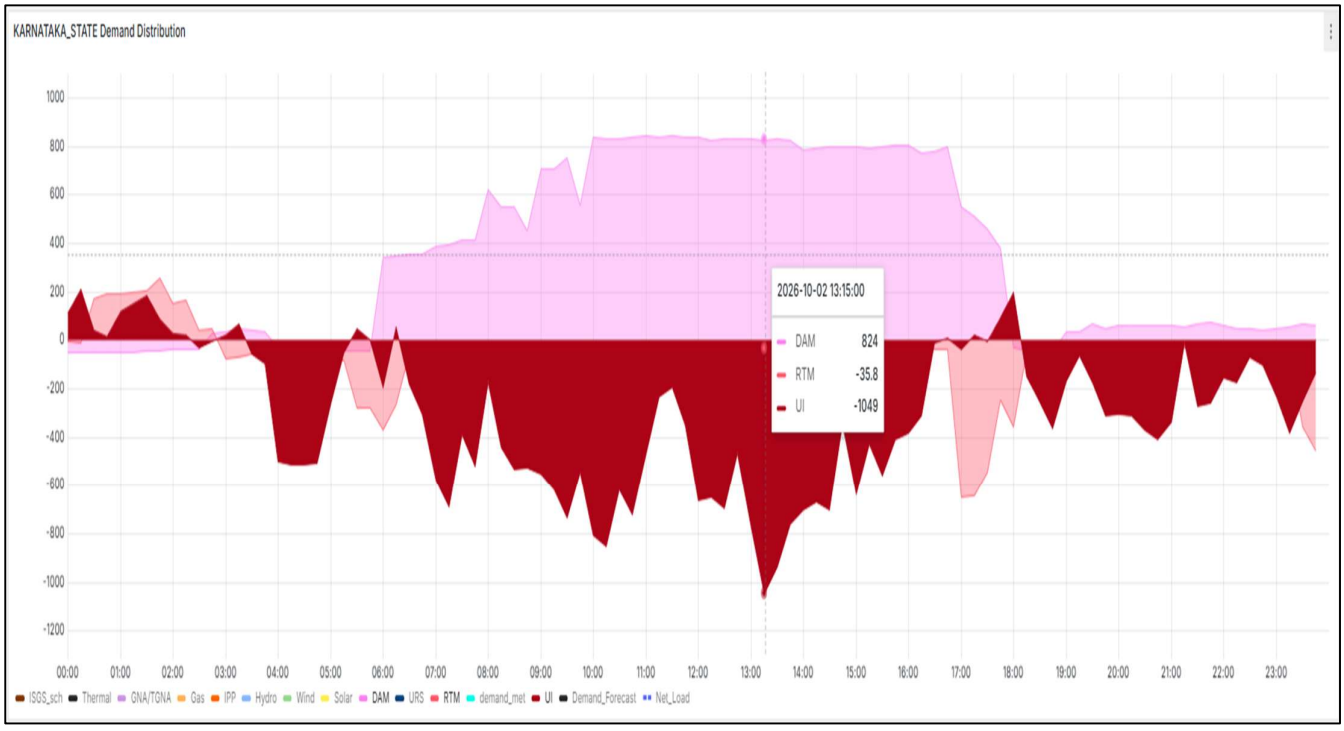

KPTCL_DEVIATION for 04-10-2026
OD % while low freq=3
UD % while high freq=1
MAX OD: 654 MW
MAX UD: -916 MW
MAX FREQ: 50.3 Hz
MIN Freq: 49.65 Hz
MW
Hz
KPTCL_DEVIATION
SR_FREQUENCY

A. Hemanth.

ANNEXURE-II



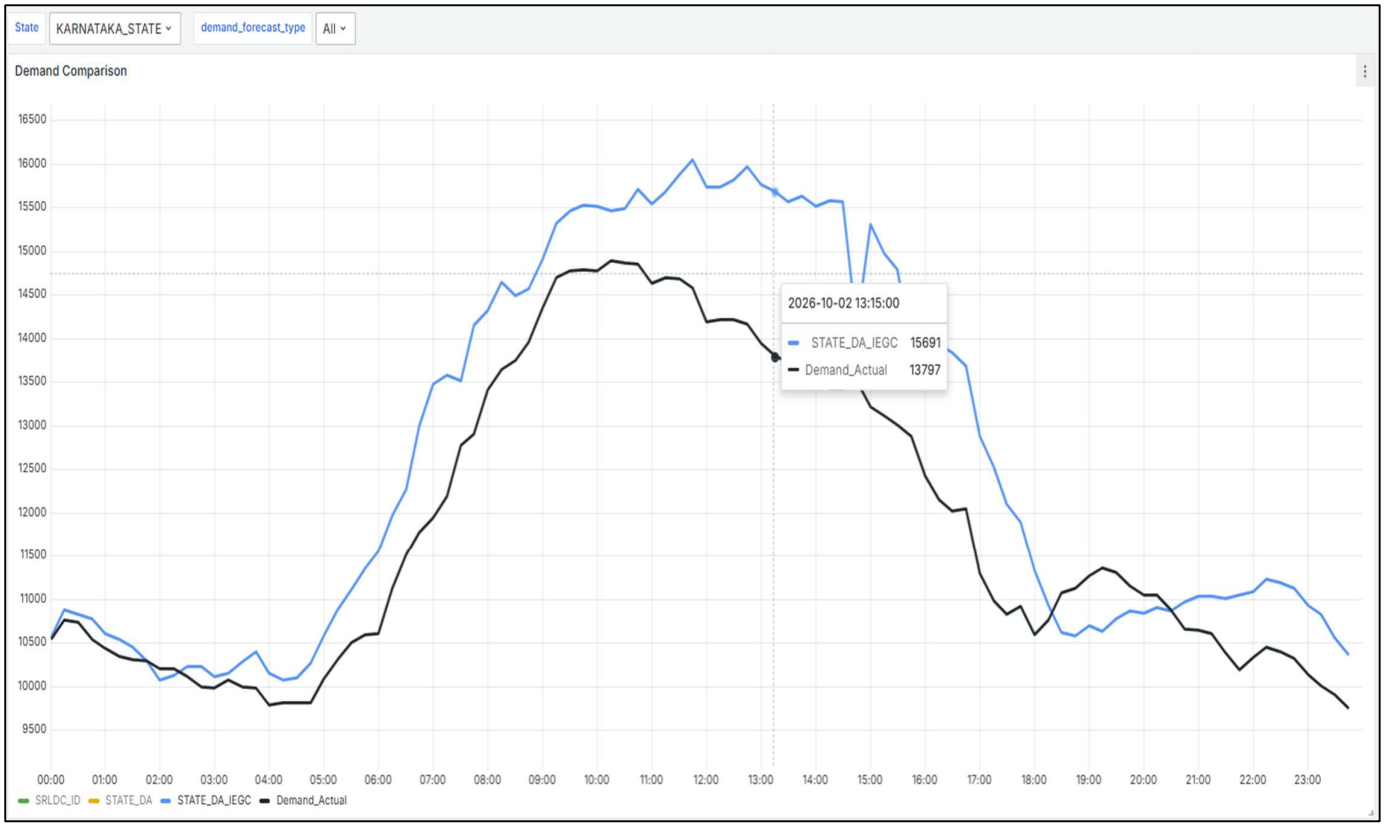
RTM / DAM vs Deviation by Karnataka on 01-10-2026



RTM / DAM vs Deviation by Karnataka on 02-10-2026

A. Hemanth.

ANNEXURE-III



Actual Demand Vs Forecasted Demand on 03-Oct-2026

A. Hemanth