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/05 दिनांक/Date :09-10-2026

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
Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/02

Sir/Madam,

This is to bring to your notice that significant and persistent deviation from schedule by Karnataka was observed from 05th to 07th October 2026. The Underdrawl quantum reached upto 1559 MW on 06th October 2026.The Overdrawl quantum reached upto 1125 MW on 05th 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 05th to 07th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
05-10-2026	5	0	1125 MW	452 MW
06-10-2026	0	3	824 MW	1559 MW
07-10-2026	0	2	675 MW	1044 MW

The overdrawal was also associated with decline in system frequency. On 5th October 2026, persistent overdrawal by Karnataka was observed from 06:30 to 07:45 Hrs and 18:06 Hrs to 19:13 Hrs with the quantum reaching up to 530 MW when frequency touched 49.46 Hz at 18:24 Hrs. Such considerable overdrawal from the grid persistently during the non-solar evening peak hours endangering the grid security is serious concern.

On 06th October 2026, persistent underdrawal by Karnataka was observed from 07:45 to 12:15 Hrs, with the quantum reaching up to 1270 MW, during which the system frequency touched 50.21 Hz. On 07th October 2026, during 02:30 to 05:00 Hrs and 08:37 to 09:30 Hrs, persistent underdrawal was observed with the quantum of 848 MW when the frequency touched 50.09 Hz. During the period of underdrawal on 06th October 2026, it was observed that Karnataka was buying in both DAM & RTM in quantum of upto 1688 MW and 1117 MW, respectively and on 07th October, Karnataka scheduled power through DAM purchases up to 1271 MW, as detailed in Annexure-2.

Further, during the underdrwal period on 06th Oct 2026, the actual demand in Karnataka was observed to be approximately 1800 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

09/10/2026

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 09/10/2026

वी गोविंदराज / V Govindaraj

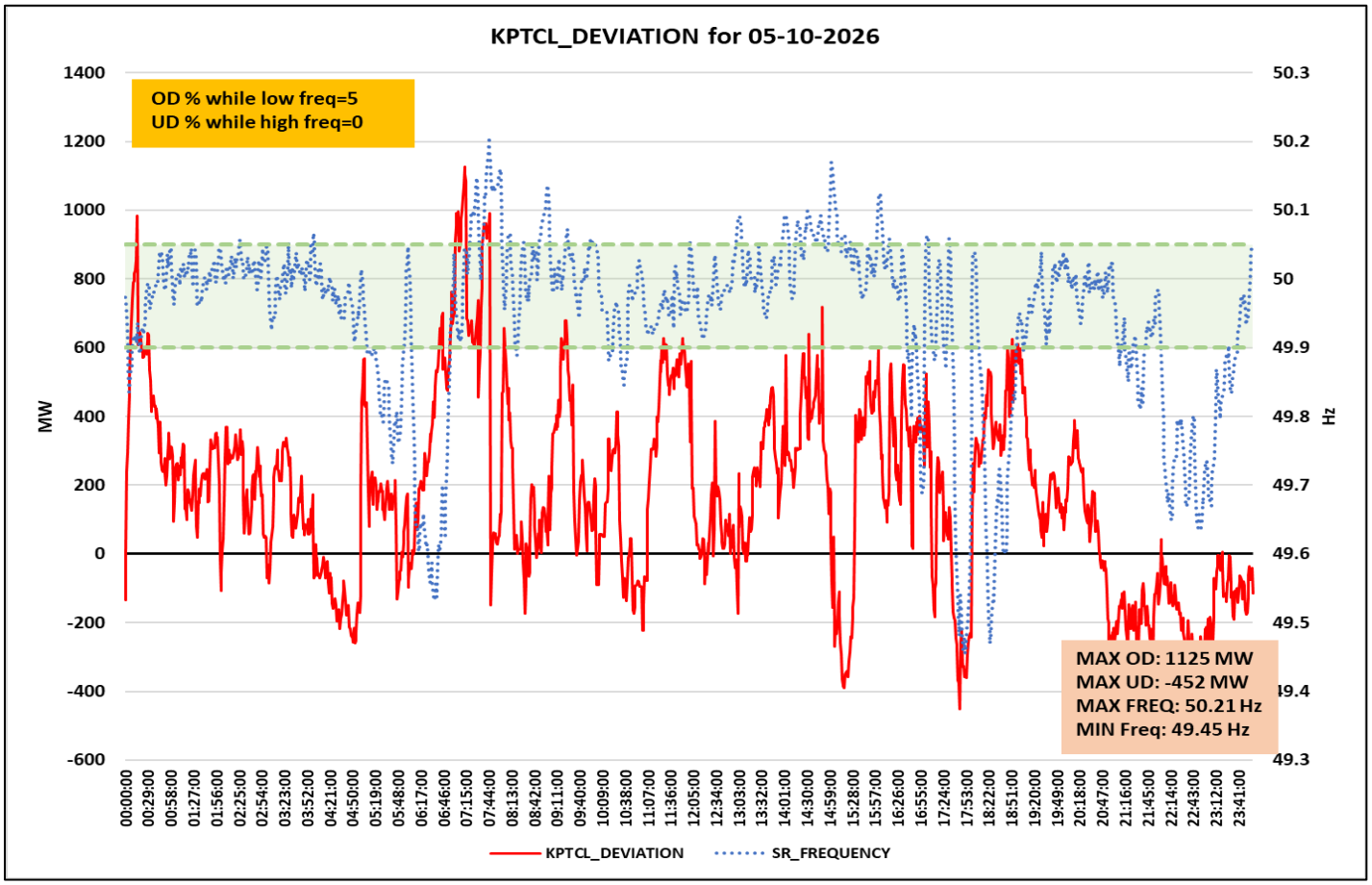
मुख्य महाप्रबंधक/ Chief General Manager

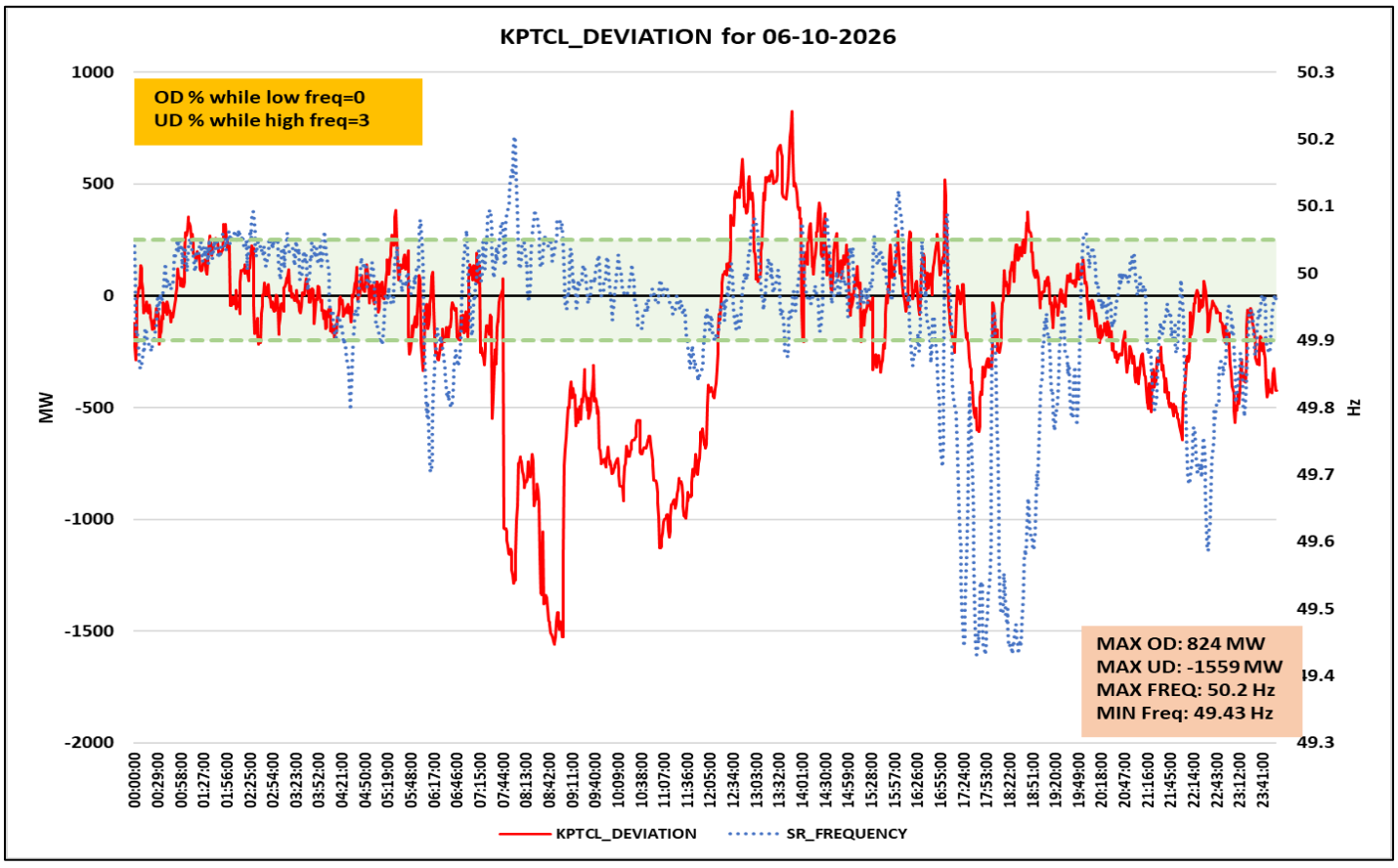
सिस्टम ऑपरेशन / System Operation

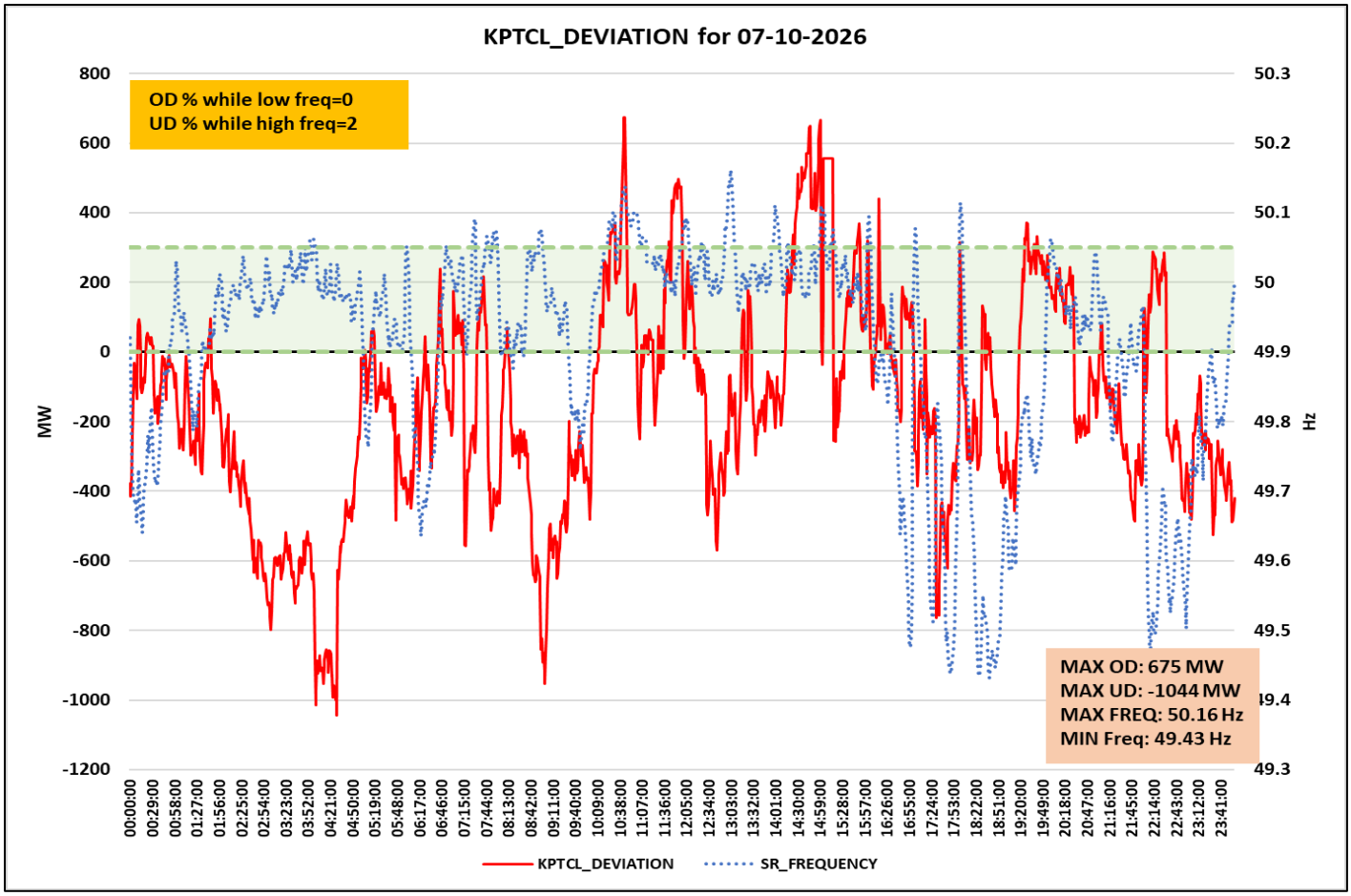
Annexure: 1. Deviation vs Frequency Analysis
2. DAM/RTM Vs Deviation
3. Actual Demand Vs Forecasted Demand

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

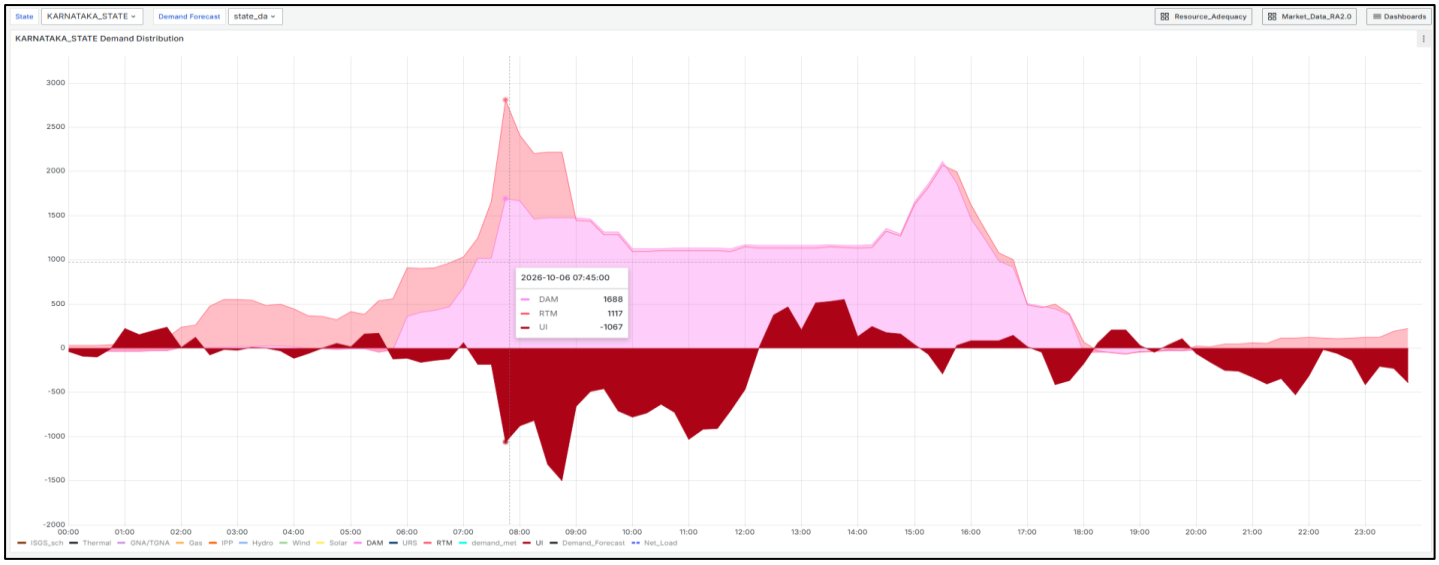
ANNEXURE-1


KPTCL_DEVIATION for 05-10-2026
OD % while low freq=5
UD % while high freq=0
MAX OD: 1125 MW
MAX UD: -452 MW
MAX FREQ: 50.21 Hz
MIN Freq: 49.45 Hz
MW
Hz
KPTCL_DEVIATION
SR_FREQUENCY

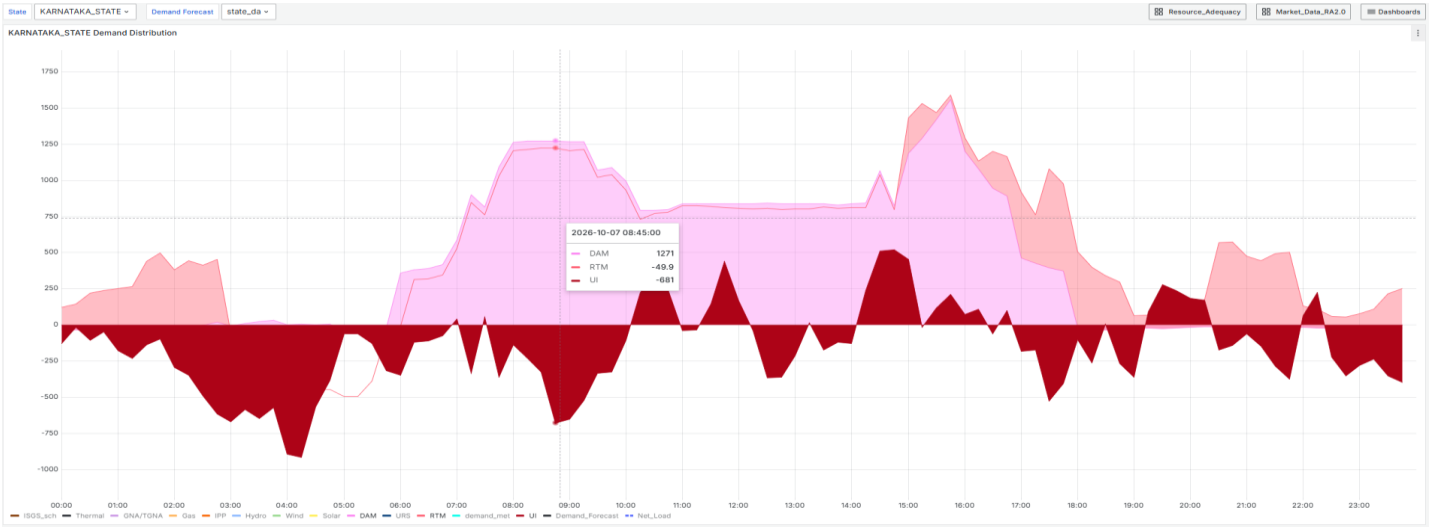

KPTCL_DEVIATION for 06-10-2026
OD % while low freq=0
UD % while high freq=3
MAX OD: 824 MW
MAX UD: -1559 MW
MAX FREQ: 50.2 Hz
MIN Freq: 49.43 Hz
MW
Hz
KPTCL_DEVIATION
SR_FREQUENCY


KPTCL_DEVIATION for 07-10-2026
OD % while low freq=0
UD % while high freq=2
MAX OD: 675 MW
MAX UD: -1044 MW
MAX FREQ: 50.16 Hz
MIN Freq: 49.43 Hz
MW
Hz
800
600
400
200
0
-200
-400
-600
-800
-1000
-1200
50.3
50.2
50.1
50
49.9
49.8
49.7
49.6
49.5
49.4
49.3
00:00:00
00:29:00
00:58:00
01:27:00
01:56:00
02:25:00
02:54:00
03:23:00
03:52:00
04:21:00
04:50:00
05:19:00
05:48:00
06:17:00
06:46:00
07:15:00
07:44:00
08:13:00
08:42:00
09:11:00
09:40:00
10:09:00
10:38:00
11:07:00
11:36:00
12:05:00
12:34:00
13:03:00
13:32:00
14:01:00
14:30:00
14:59:00
15:28:00
15:57:00
16:26:00
16:55:00
17:24:00
17:53:00
18:22:00
18:51:00
19:20:00
19:49:00
20:18:00
20:47:00
21:16:00
21:45:00
22:14:00
22:43:00
23:12:00
23:41:00
KPTCL_DEVIATION
SR_FREQUENCY

Annexure - II



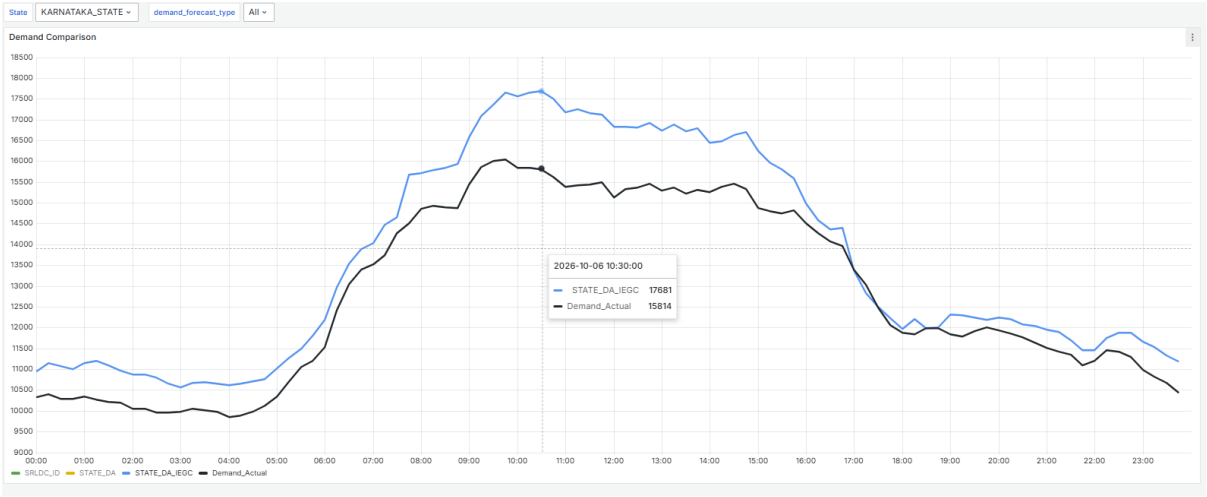
RTM / DAM vs Deviation by Karnataka on 06-10-2026



RTM / DAM vs Deviation by Karnataka on 07-10-2026

A. Hemanth.

ANNEXURE-III



Actual Demand Vs Forecasted Demand on 06-Oct-2026

A. Hemanth