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
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संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/03 **दिनांक/Date:05-10-2026**

सेवा में /To
Chief Engineer (APTRANSCO)
SLDC, Vidyuth Soudha, Gunadala
Vijayawada-520004

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

Sir/Madam,

This is to bring to your kind notice that significant deviations by Andhra Pradesh were observed during the period from 01st to 04th October 2026. The quantum of underdrawal reached as high as 1050 MW, 913 MW, and 1061 MW on 01st, 02nd, and 04th October 2026, respectively. Considerable overdrawal was also observed on 02nd and 04th October 2026, with the maximum quantum reaching 576 MW and 535 MW, respectively.The Deviation vs. Frequency plots for the above period are enclosed as Annexure-1.

The following is the summary of the deviation for Andra Pradesh from 01st to 04th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
01-10-2026	0	4	430 MW	1050 MW
02-10-2026	1	6	576 MW	913 MW
03-10-2026	1	0	379 MW	460 MW
04-10-2026	0	2	535 MW	1061 MW

The underdrawal by Andhra Pradesh was also observed to be associated with an increase in system frequency. On 01st October 2026, persistent underdrawal was observed from 09:30 to 11:00 Hrs, with the quantum reaching up to 670 MW, during which the system frequency touched 50.11 Hz. Similarly, on 02nd October 2026, persistent underdrawal was observed during 09:30 to 11:00 Hrs, with the quantum reaching up to 600 MW, while the system frequency touched 50.15 Hz.

Furthermore, significant overdrawal by Andhra Pradesh was also observed during periods of low system frequency. On 02nd October 2026, persistent overdrawal was observed from 08:05 to 08:45 Hrs, with the quantum reaching up to 560 MW, when the system frequency touched 49.59 Hz. Further, on 03rd October 2026, persistent overdrawal was observed from 22:00 to 23:00 Hrs, with the quantum reaching up to 330 MW, while the system frequency touched 49.43 Hz. On 04th October 2026, overdrawal reached up to 320 MW, coinciding with the system frequency touching 49.70 Hz.

During the underdrawing period on 01st Oct 2026 and 02nd Oct 2026 , it was observed that Andhra pradesh was buying in both DAM & RTM in quantum of upto 2260 MW , 440 MW respectively. as shown in Annexure-2.

Persistent partial generation outages were observed at Krishnapatnam and Rayalaseema TPP during the overdrawl period on 03rd Oct 2026, with partial outages of around 320 MW and 220 MW, respectively. At Krishnapatnam TPP, the restriction was mainly due to persistent PQC and auxiliary-related troubles across multiple units, while at Rayalaseema TPP, the restriction was primarily due to PQC issues and PA Fan loading , IDF Vibration necessitating load backdown as per information received from APSLDC. Krishnapatanam, Rayalaseema TPP Thermal Generation is attached 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 continued co-operation is solicited and appreciated at all times in maintaining the system parameters within IEGC range and ensuring safe, secure and integrated operation of the Grid.

Thanking You,

भवदीय /Yours faithfully

वी गोविंदराज 05/10/2026

वी गोविंदराज / V Govindaraj

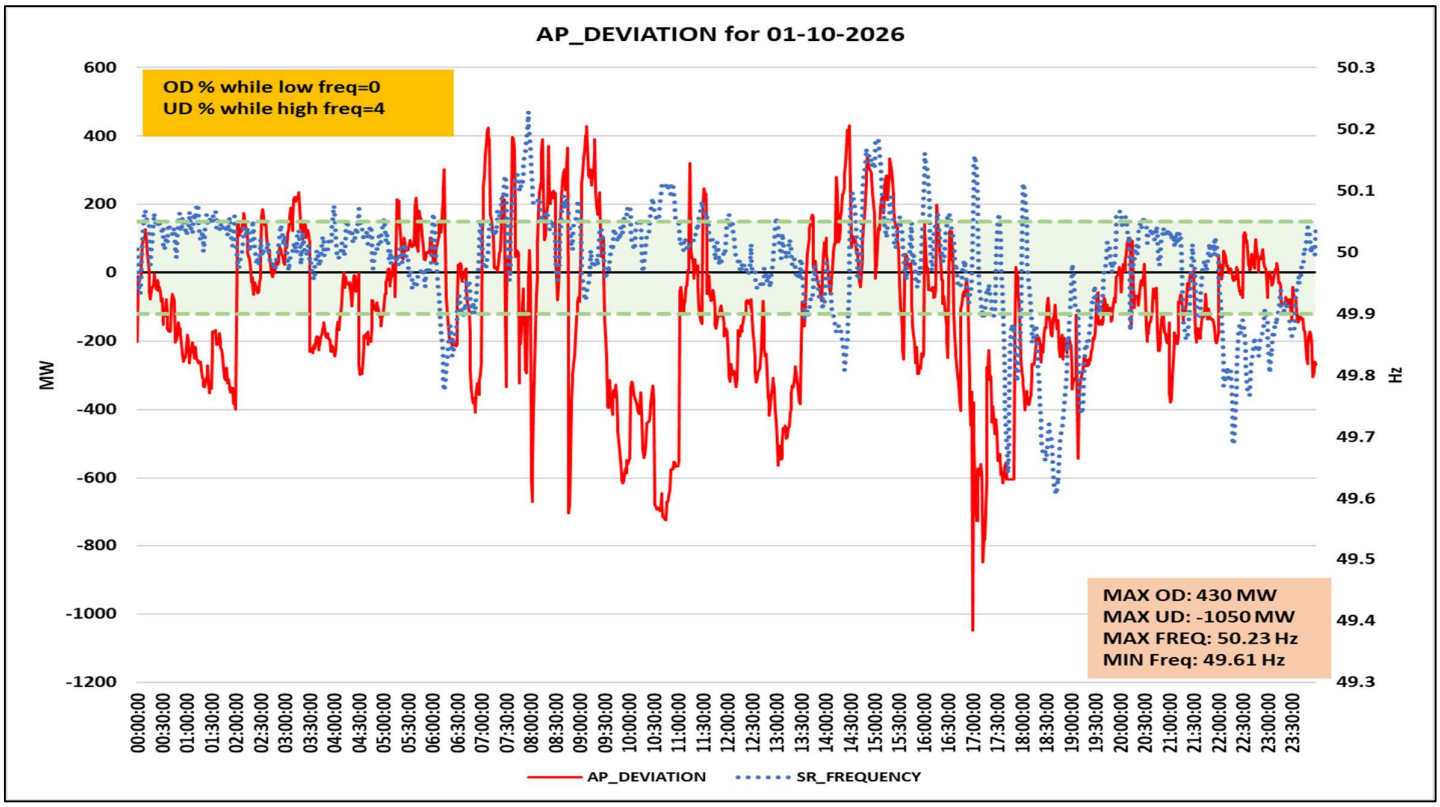
मुख्य महाप्रबंधक / Chief General Manager(SO)

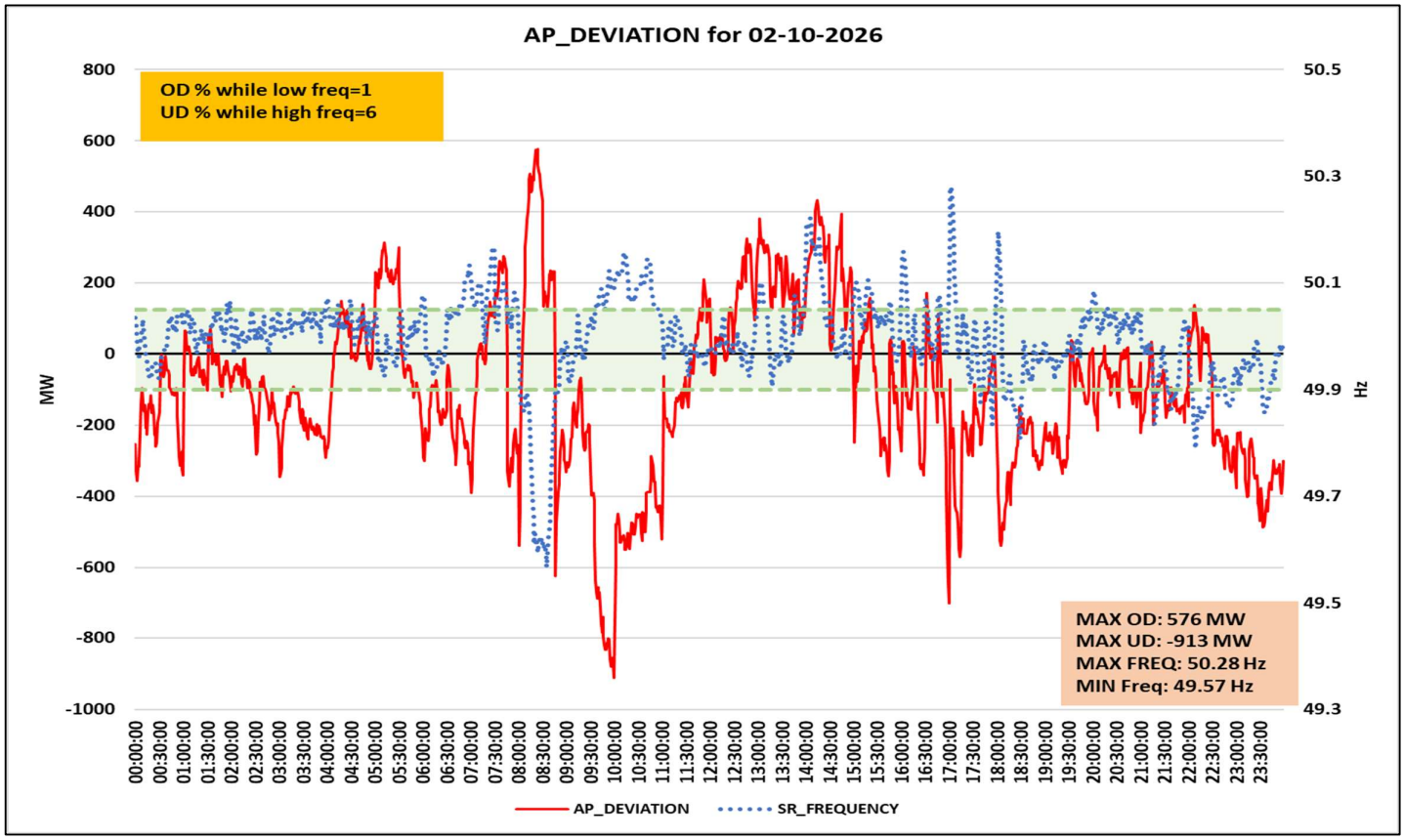
एसआरएलडीसी/ SRLDC

Annexure 1. Deviation vs Frequency Analysis
Annexure 2. DAM/RTM vs Deviation
Annexure 3 . Krishnapattanam, Rayalaseema TPP Thermal Generation

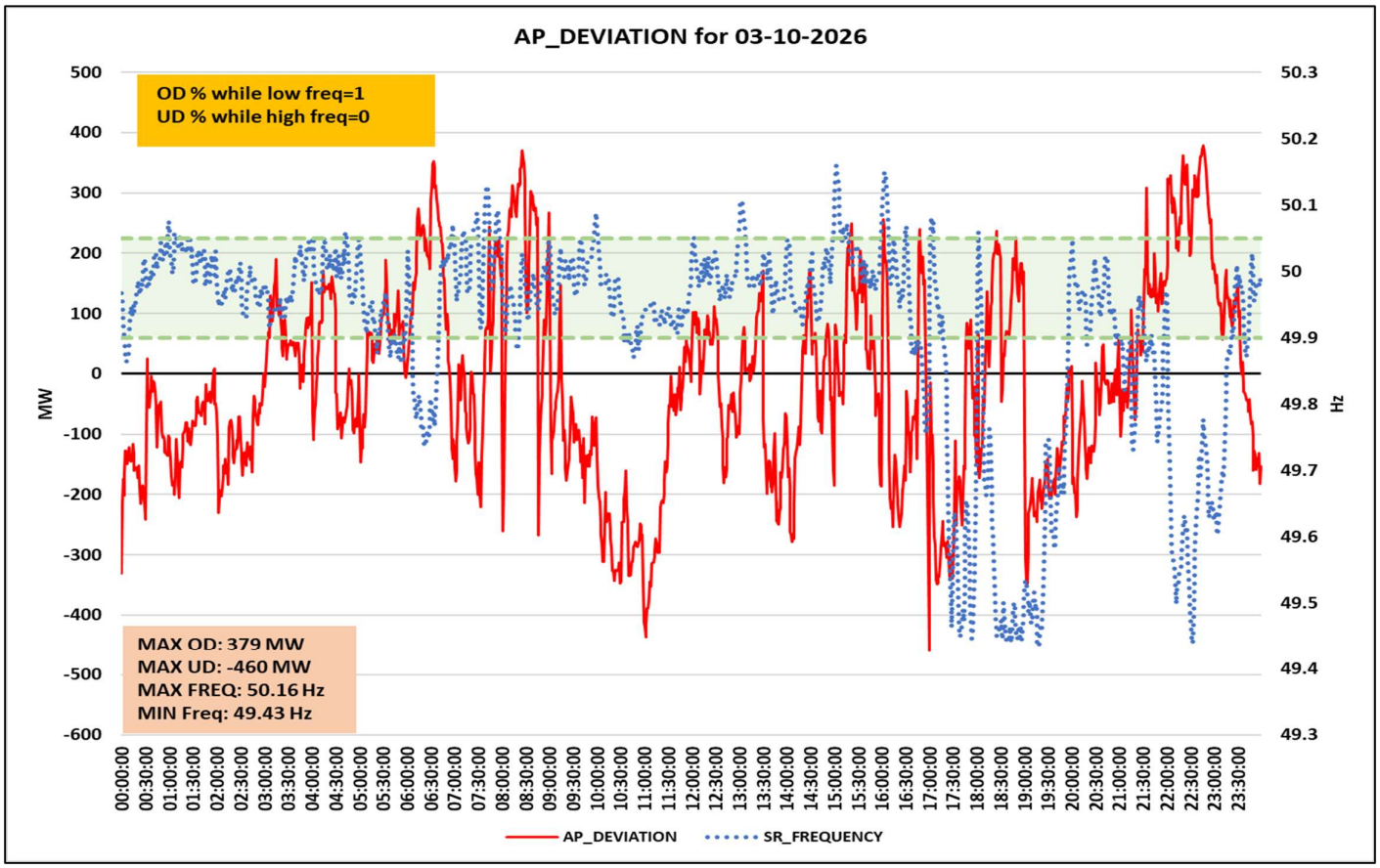
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bangalore

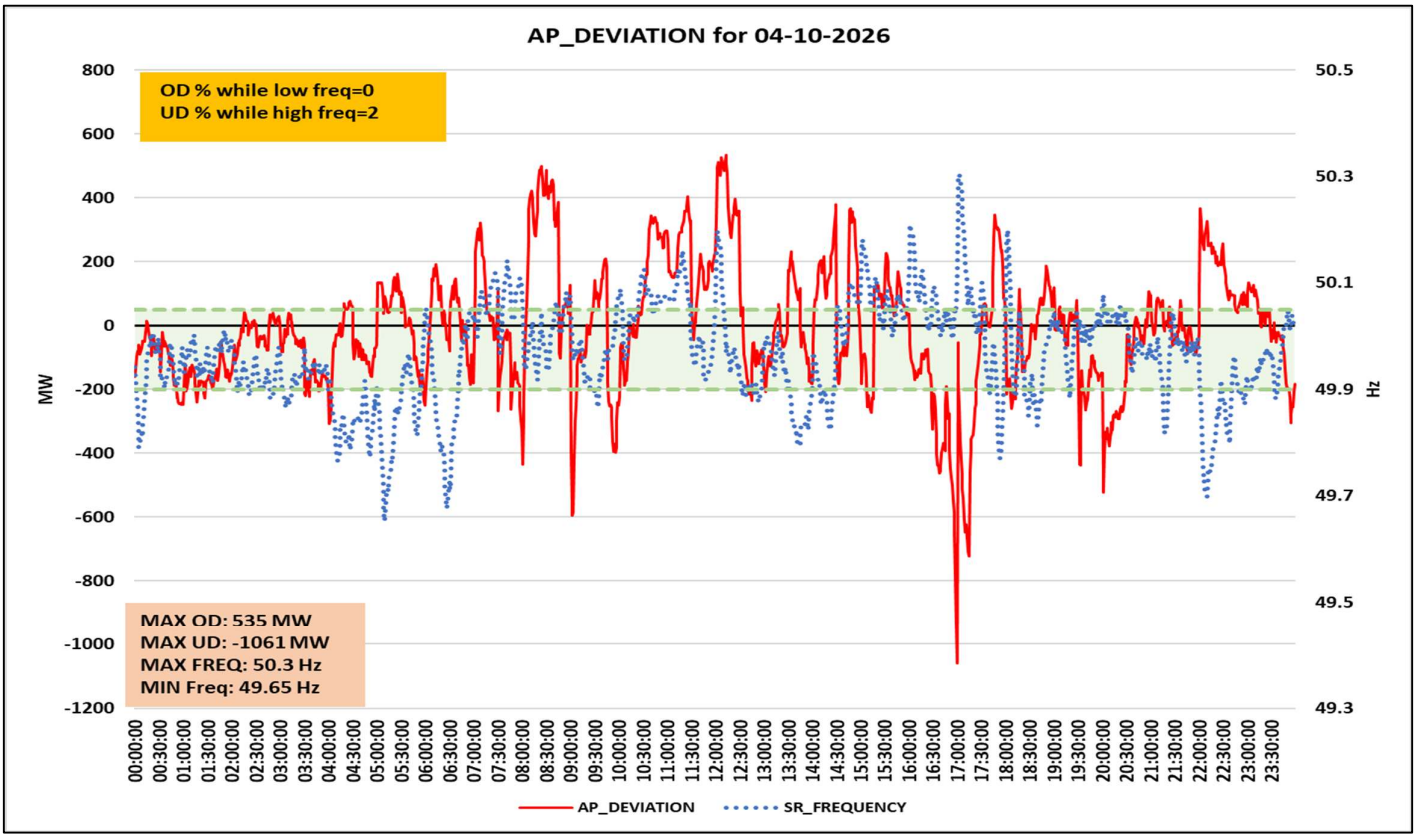
ANNEXURE-I





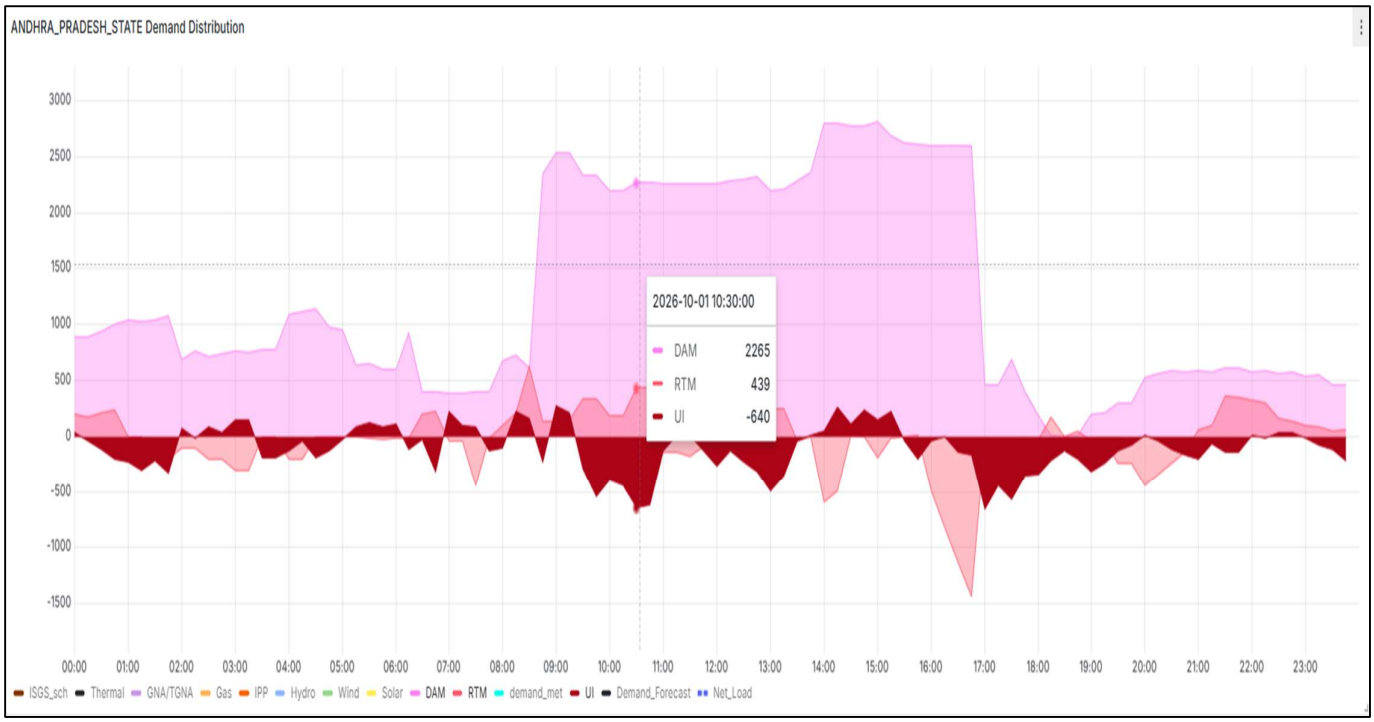
A. Hemanth


AP_DEVIATION for 03-10-2026
OD % while low freq=1
UD % while high freq=0
MAX OD: 379 MW
MAX UD: -460 MW
MAX FREQ: 50.16 Hz
MIN Freq: 49.43 Hz
MW
Hz
AP_DEVIATION
SR_FREQUENCY

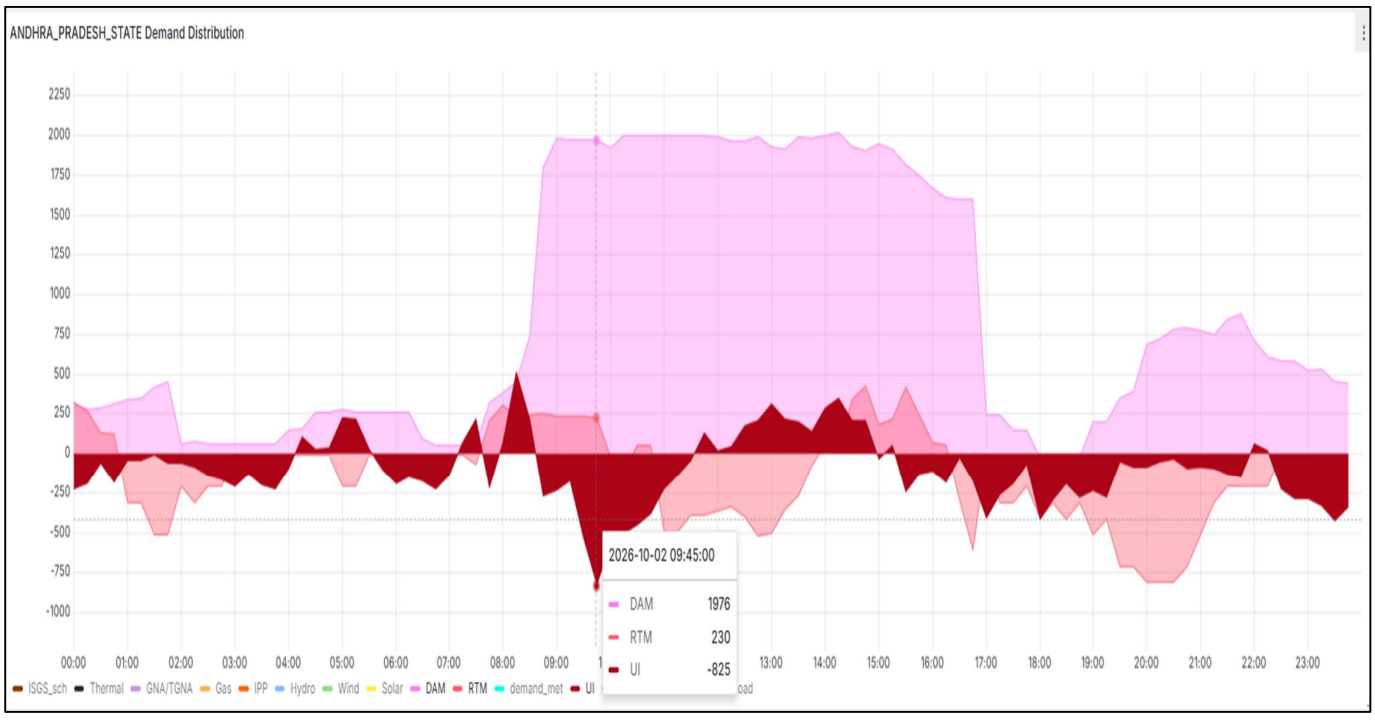

AP_DEVIATION for 04-10-2026
OD % while low freq=0
UD % while high freq=2
MAX OD: 535 MW
MAX UD: -1061 MW
MAX FREQ: 50.3 Hz
MIN Freq: 49.65 Hz
MW
Hz
AP_DEVIATION
SR_FREQUENCY

A. Hemanth.

ANNEXURE-II



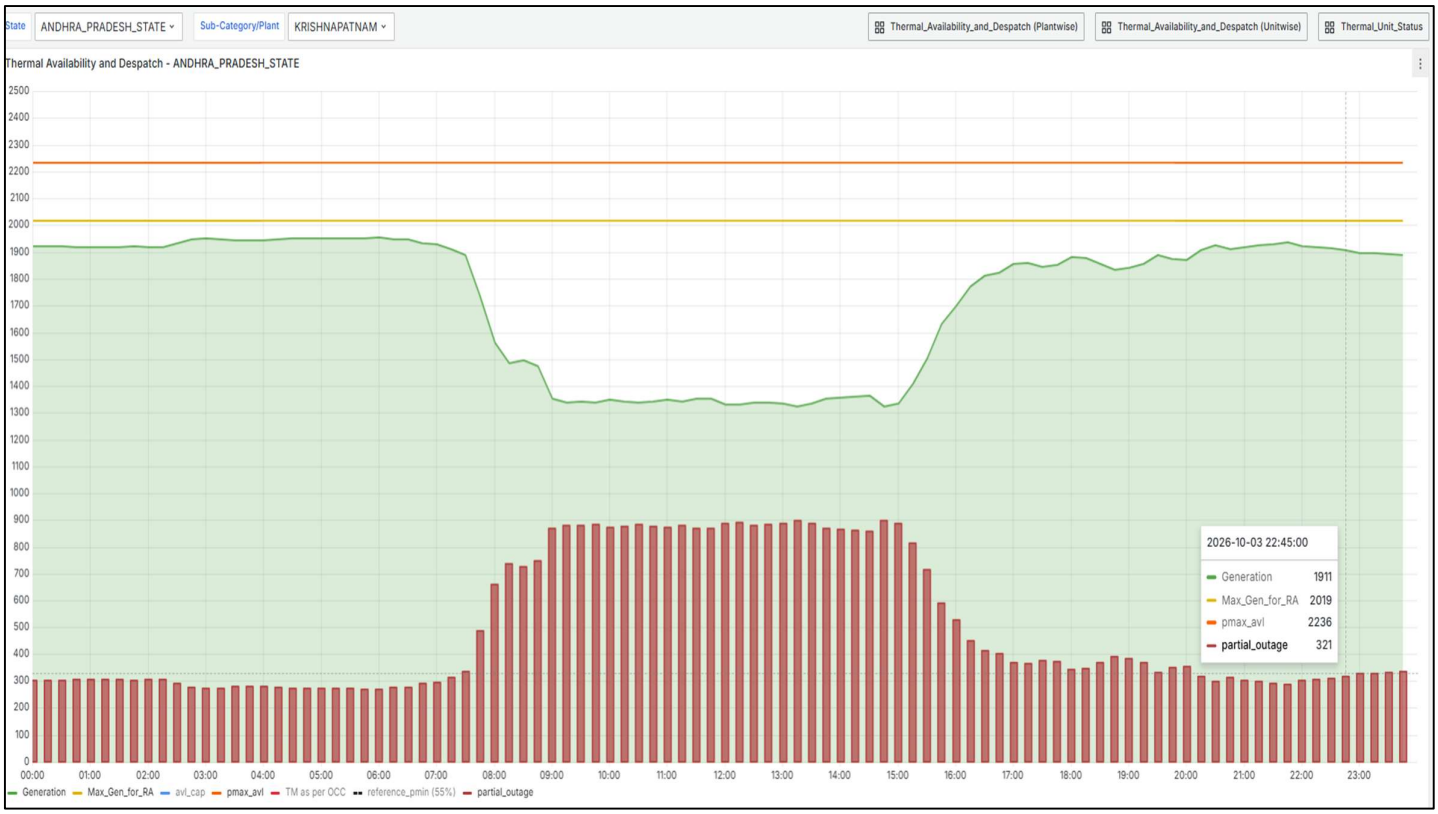
DAM , RTM Quantum Vs Deviation on 01-Oct-2026



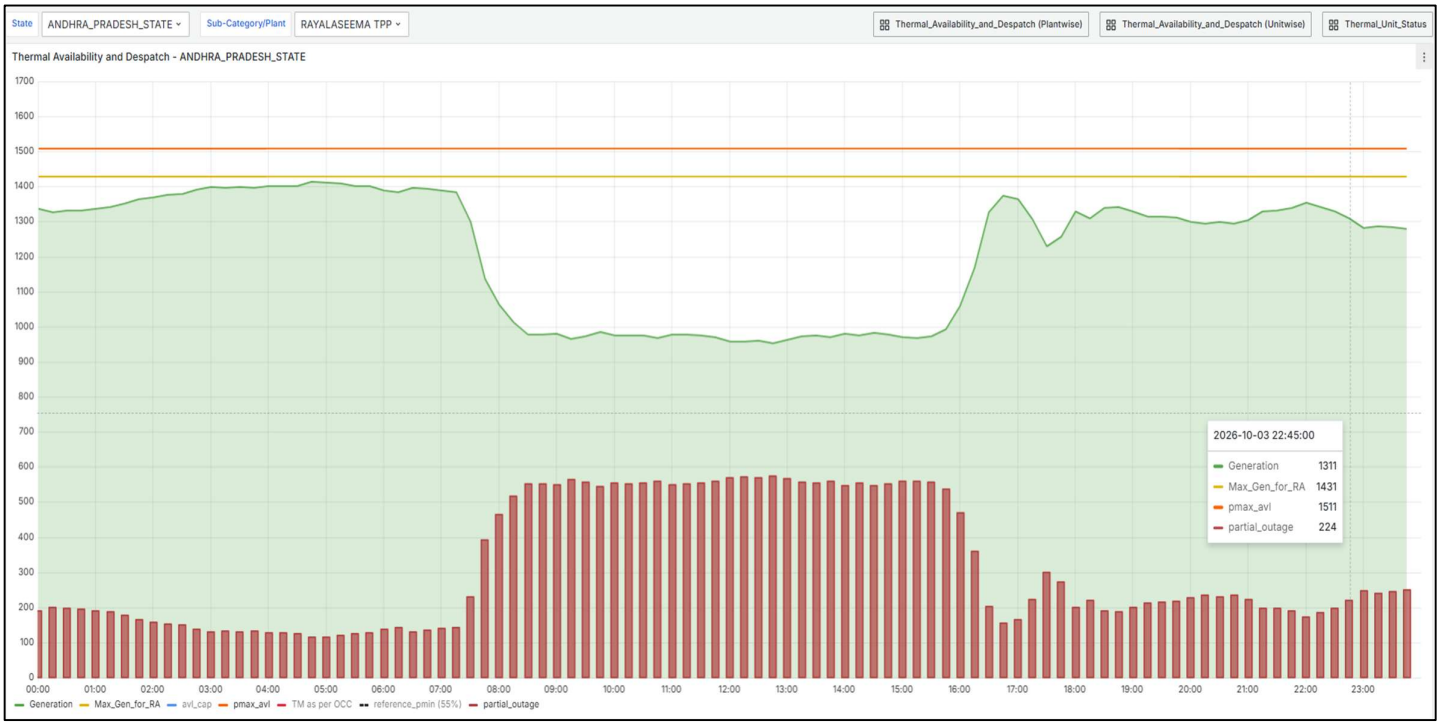
DAM , RTM Quantum Vs Deviation on 02-Oct-2026

A. Hemanth.

ANNEXURE-III



Krihsnapattnam TPP Thermal Generation on 03-10-2026



Rayalaseema TPP Thermal Generation on 03-10-2026

A. Hemanth