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/01 दिनांक/Date:05-10-2026

सेवा में /To
Chief Engineer (Grid Operation)
TANTRANSCO Building
144, NPKRR Maligai, Anna Salai
Chennai – 600 002

विषय / 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 Tamil Nadu was observed on from 01st to 04th October 2026. The quantum of underdrawal reached as high as 1035 MW, 1750 MW, 1408 MW and 1021 MW on 01st, 02nd, 03rd and 04th October 2026, respectively. Considerable overdrawal was also observed on 01st, 03rd and 04th October 2026, with the maximum quantum reaching 1014 MW, 1169 MW and 1097 MW, respectively. The Deviation vs. Frequency plot is enclosed as Annexure-1.

The following is the summary of the deviation for Tamil Nadu on from 01st to 04th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
01-10-2026	2	7	1014 MW	1035 MW
02-10-2026	0	4	980 MW	1750 MW
03-10-2026	3	1	1169 MW	1408 MW
04-10-2026	1	4	1097 MW	1021 MW

The persistent underdrawal was also associated with increase in system frequency. On 2nd October 2026, persistent underdrawal by Tamil Nadu was observed from 07:00 to 08:00 Hrs and 11:00 Hrs to 14:00 Hrs with the quantum reaching up to 1745 MW when frequency touched 50.17 Hz at 07:30 Hrs. On 3rd October, persistent underdrawal was observed from 09:00 to 11:30 Hrs and 16:00 to 16:50 Hrs with the quantum of 1067 MW and 802 MW when the frequency touched 50.09 Hz and 50.15 Hz, respectively. During underdrawl period on 02nd Oct 2026 and 03rd Oct 2026, Actual Demand is less than forecasted demand (furnished by TN SLDC) by 2000 MW. Actual Demand Vs Forecasted demand is attached in Annexure-2.
On 03rd Oct 2026, significant Overdrawal was observed from 17:15 Hrs to 18:00 Hrs with quantum reaching upto 1050 MW when frequency touched 49.44 Hz at 17:55 Hrs.

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

Element Name	Physical Regulation	Tripping Time	Synchronising Time
400KV/230KV PUGALUR-ICT-1	STAGE-1	03-10-2026 17:42	03-10-2026 20:07
400KV/230KV PUGALUR-ICT-2	STAGE-1	03-10-2026 17:42	03-10-2026 20:07
400KV/230KV PUGALUR-ICT-3	STAGE-1	03-10-2026 17:41	03-10-2026 20:07

डी. गोविन्दराजु
05/10/2026.

During the overdrawing period, it was observed that Tamil Nadu was selling in both DAM & RTM in quantum of up to 133 MW & 3340 MW on 02nd Oct, 534 MW & 3823 MW on 03rd Oct and 577 MW & 2599 MW on 04th Oct, respectively during solar-hours as shown in Annexure-3.

Despite advance sensitisation by the Control Room regarding resource adequacy and the anticipated availability–demand scenario, persistent deviation from schedule has been observed. The lack of adequate proactive measures to ensure adherence to the schedule and maintain the Load Generation Balance (LGB) is a matter of concern. Necessary corrective measures may therefore be taken well in advance, including optimum utilisation of available internal generation and timely exploration of market options/avenues, to ensure adherence to the schedule, maintain the LGB, minimise grid deviations, and ensure grid security.

In view of the above, kindly ensure that generation and demand are planned and regulated proactively, particularly during the critical non-solar hours, so as to maintain the required LGB and minimise deviations from schedule.

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 cooperation is solicited to maintain grid discipline and ensure grid security.

Thanking you,

भवदीय /Yours faithfully

05/10/2026.

वी गोविंदराज / V Govindaraj

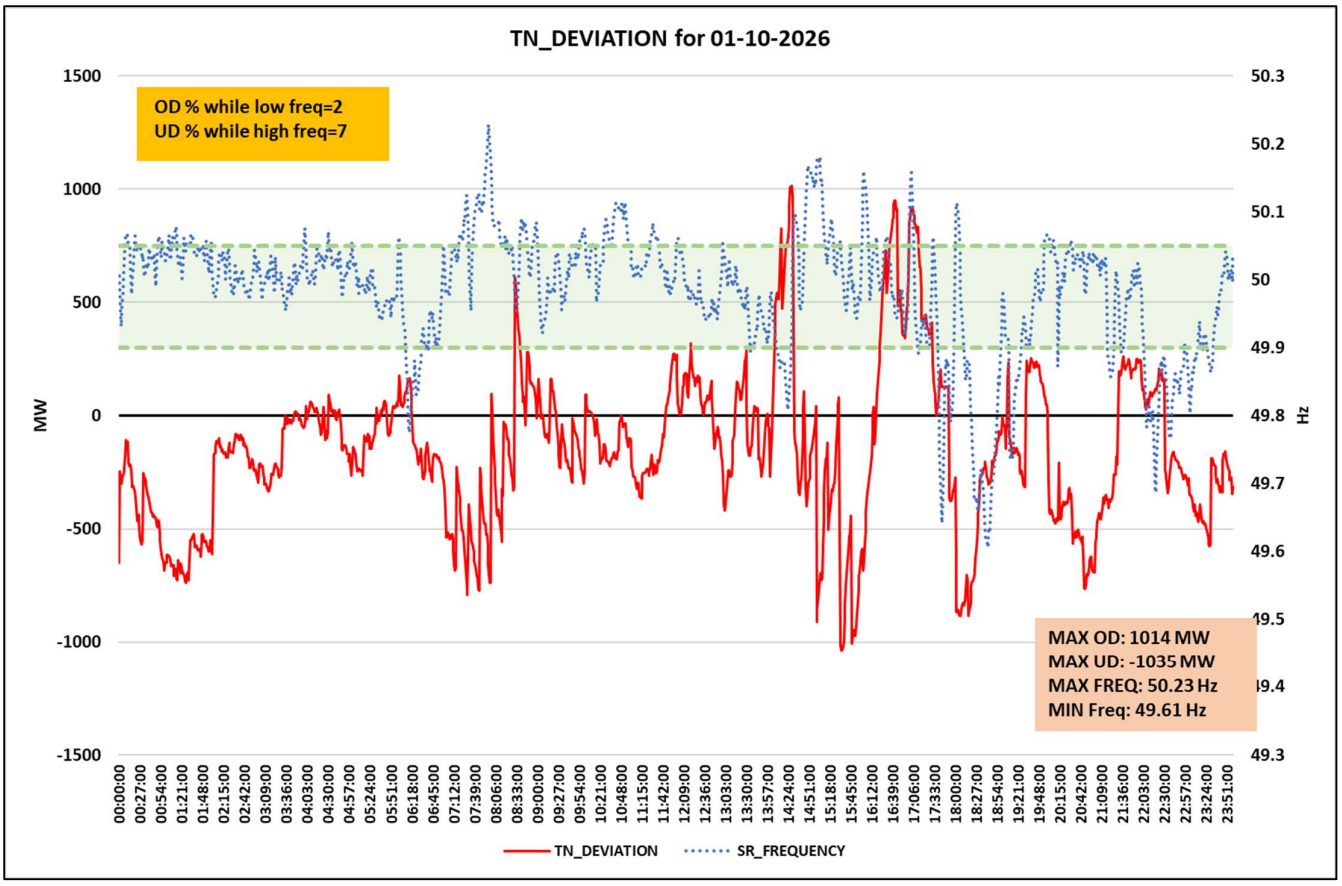
मुख्य महाप्रबंधक / Chief General Manager(SO)

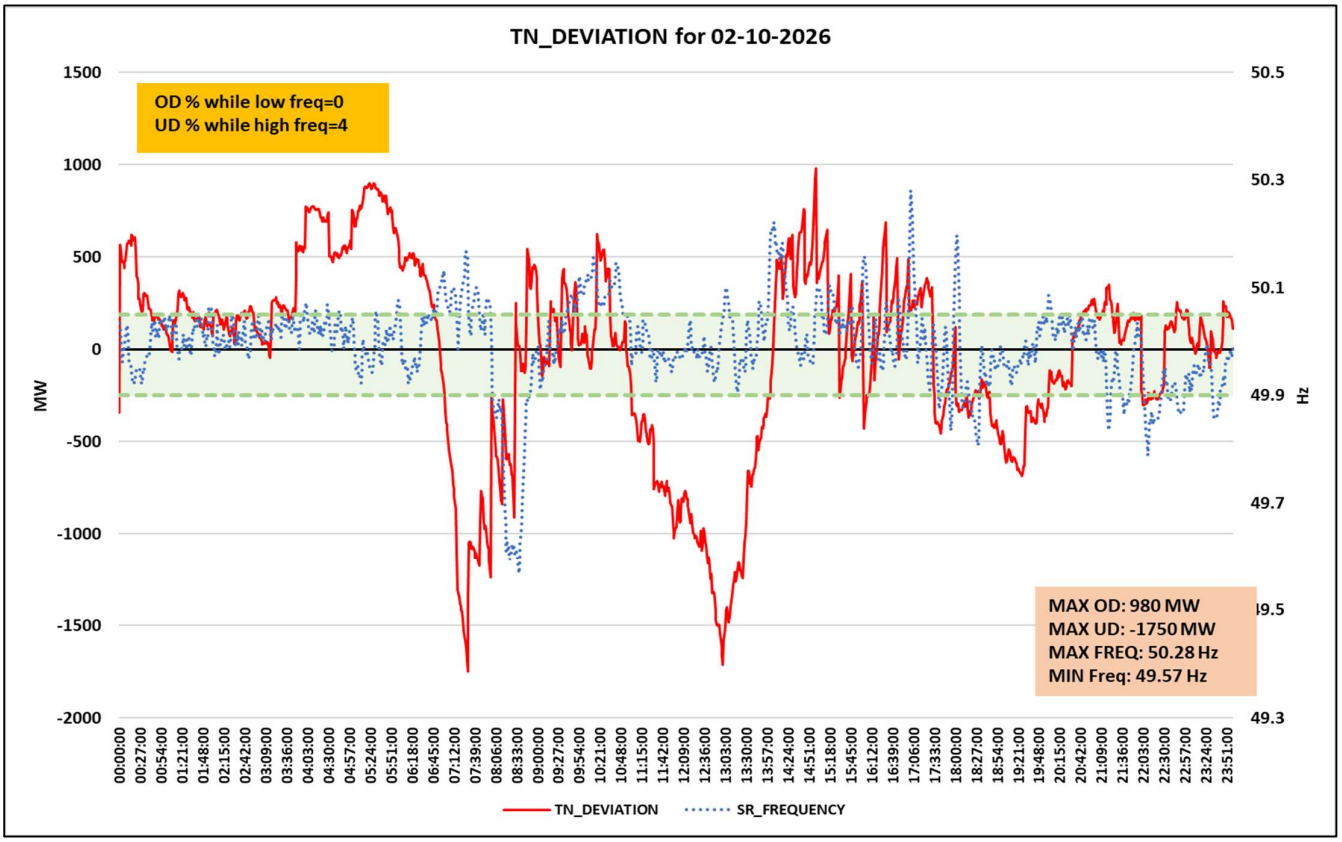
एसआरएलडीसी/ SRLDC

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

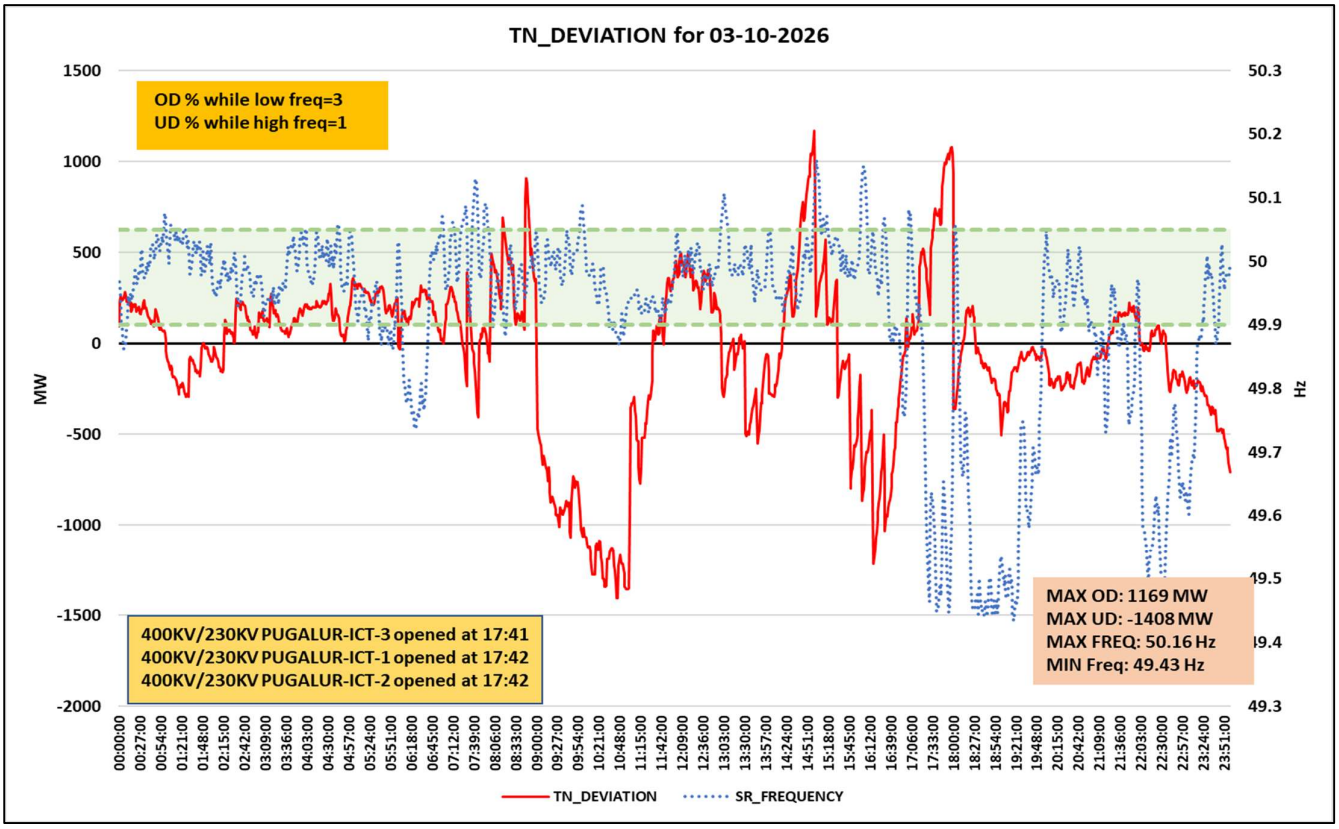
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru

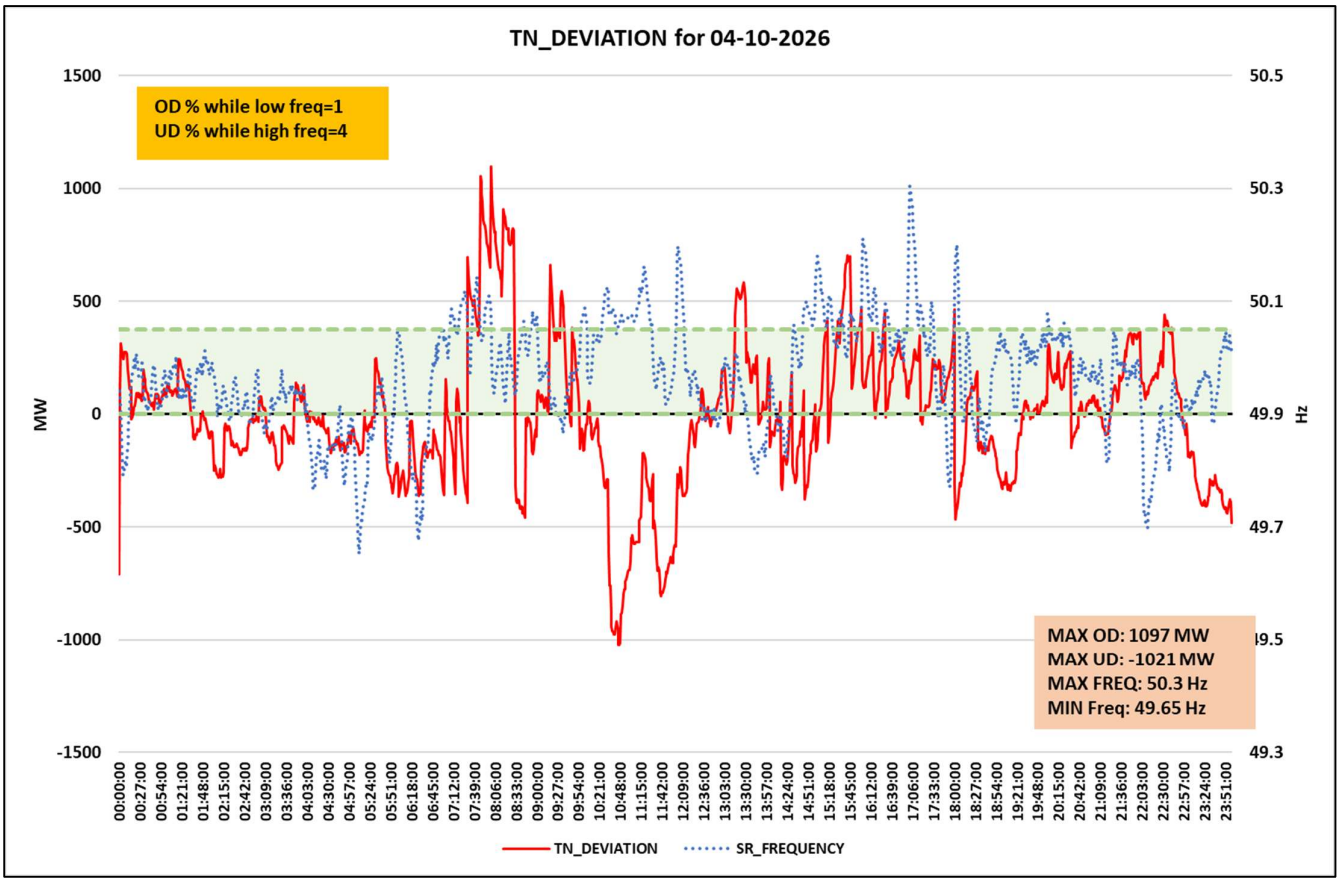
ANNEXURE-1



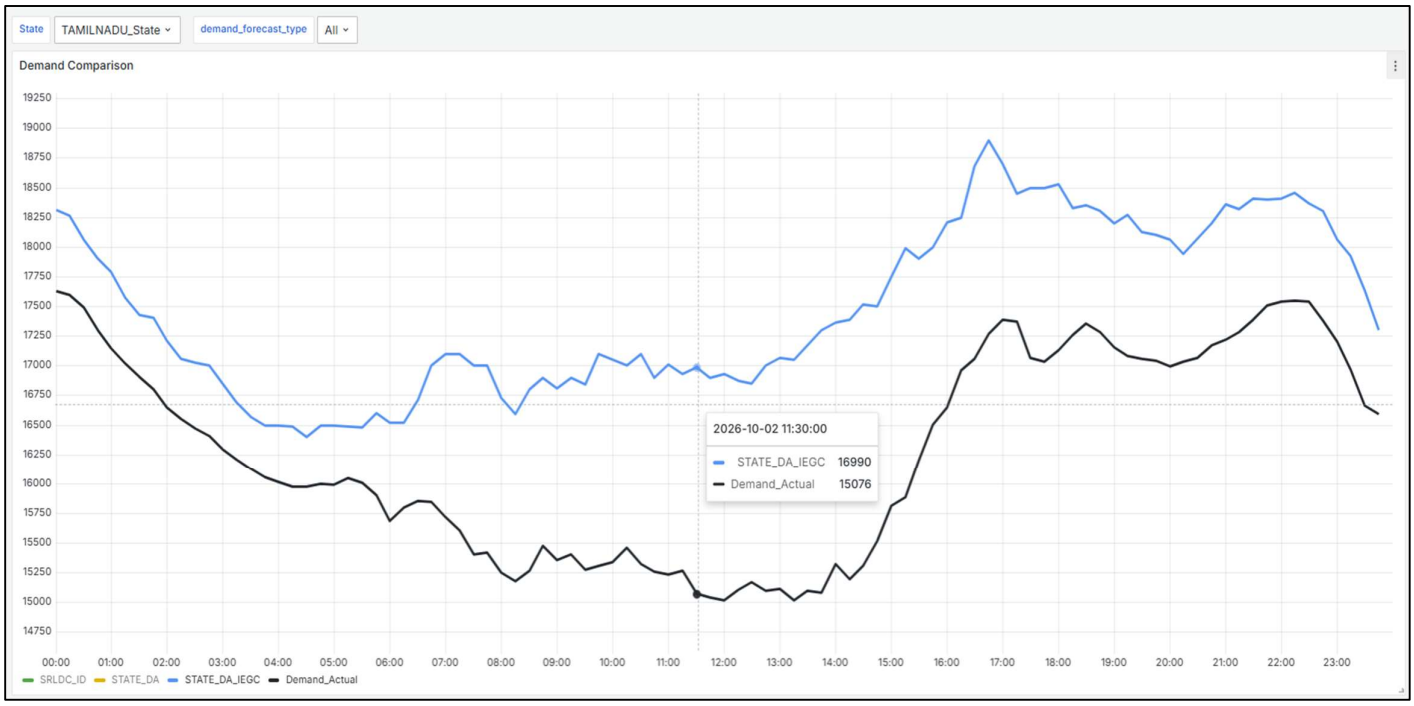


A. Hemanth

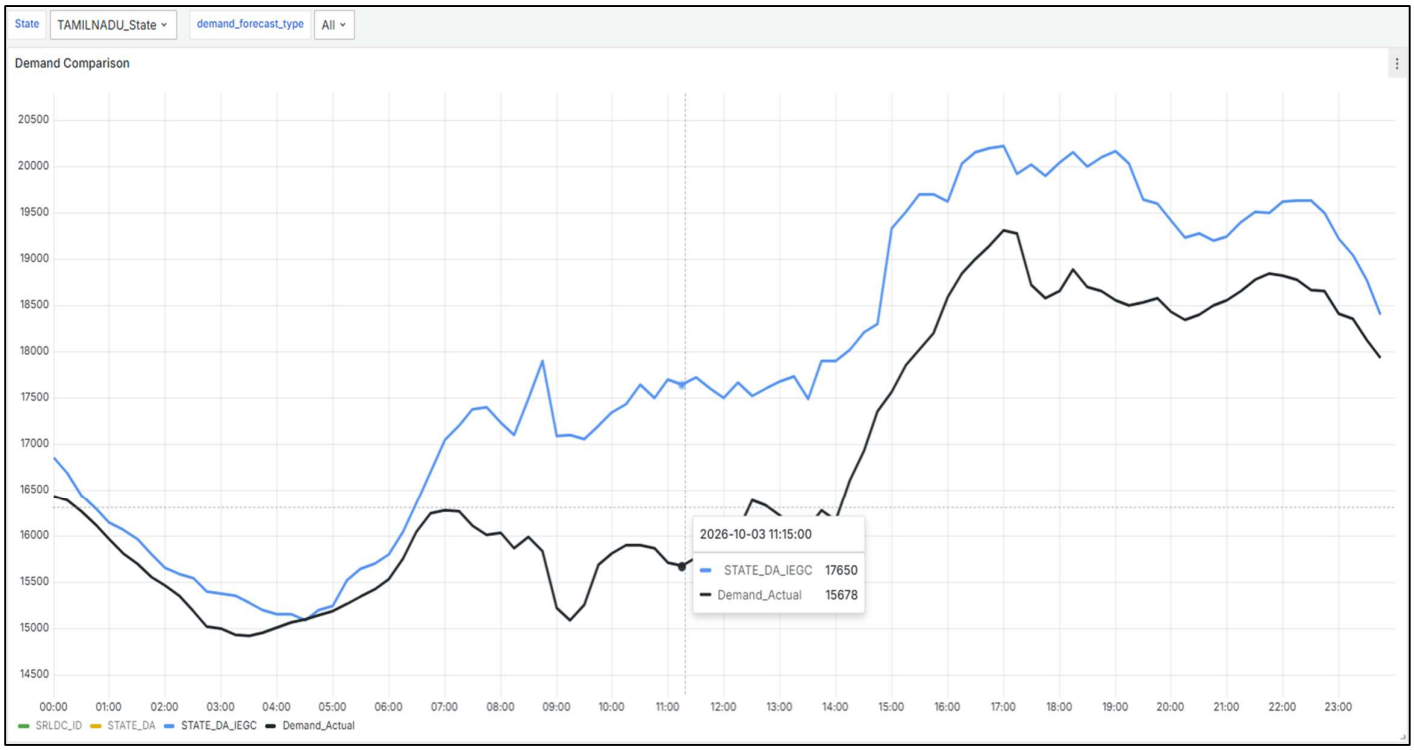

TN_DEVIATION for 03-10-2026
OD % while low freq=3
UD % while high freq=1
400KV/230KV PUGALUR-ICT-3 opened at 17:41
400KV/230KV PUGALUR-ICT-1 opened at 17:42
400KV/230KV PUGALUR-ICT-2 opened at 17:42
MAX OD: 1169 MW
MAX UD: -1408 MW
MAX FREQ: 50.16 Hz
MIN Freq: 49.43 Hz
MW
Hz
TN_DEVIATION
SR_FREQUENCY


TN_DEVIATION for 04-10-2026
OD % while low freq=1
UD % while high freq=4
MAX OD: 1097 MW
MAX UD: -1021 MW
MAX FREQ: 50.3 Hz
MIN Freq: 49.65 Hz
MW
Hz
TN_DEVIATION
SR_FREQUENCY

ANNEXURE-II



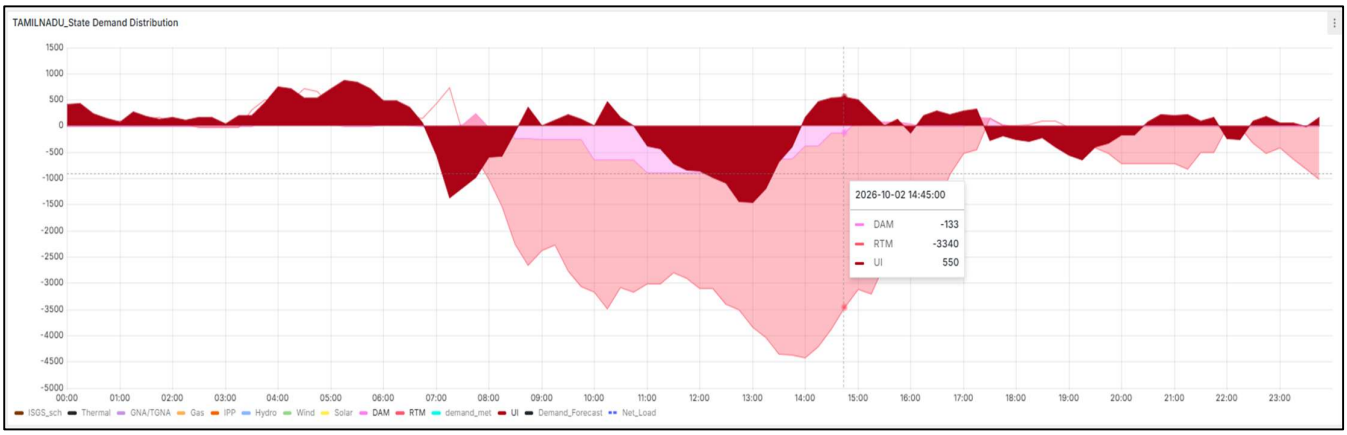
Actual Demand Vs Forecasted Demand on 02-Oct-2026



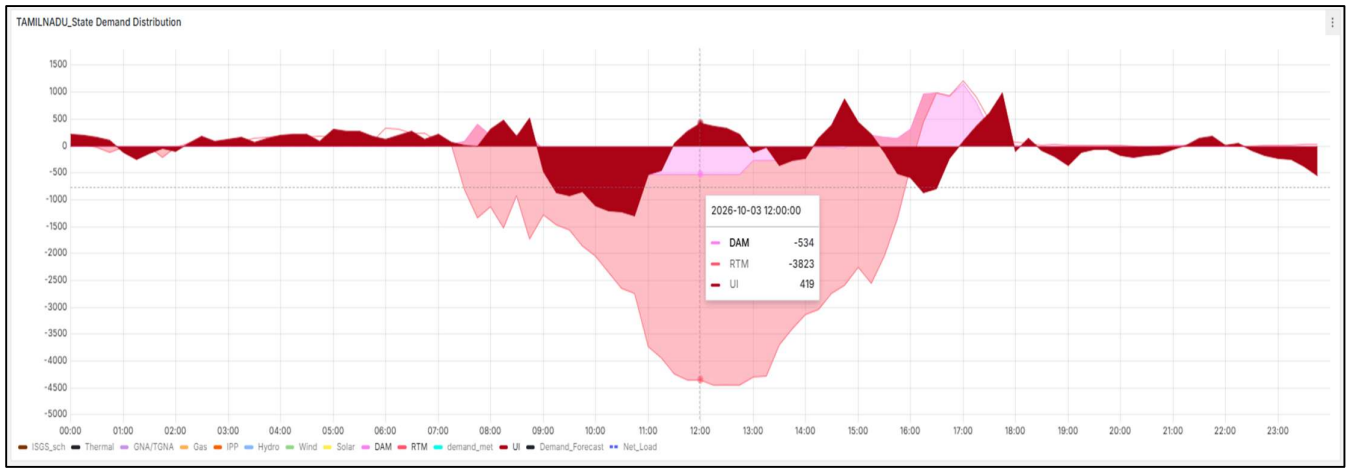
Actual Demand Vs Forecasted Demand on 03-Oct-2026

A. Hemanth

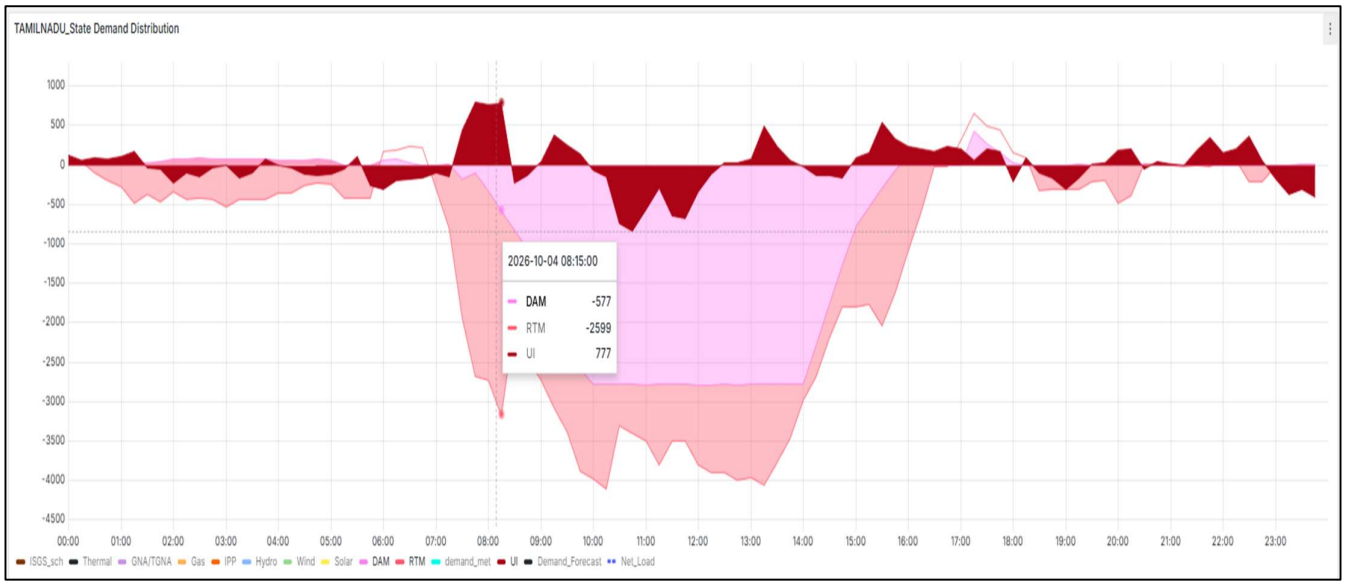
Annexure - III



RTM / DAM vs Deviation by Tamil Nadu on 02-10-2026



RTM / DAM vs Deviation by Tamil Nadu on 03-10-2026



RTM / DAM vs Deviation by Tamil Nadu on 04-10-2026