ग्रिड-इंडिया
GRID-INDIA
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.
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संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/Oct/08 दिनांक/Date:14-10-2026

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

Ref: GRID-INDIA/SRLDC/ RTO/2026/Oct/01
GRID-INDIA/SRLDC/ RTO/2026/Oct/04

Sir/Madam,

This is to bring to your notice that significant and persistent deviation from schedule by Tamil Nadu was observed on 12th and 13th October 2026. The quantum of underdrawal reached as high as 1841 MW and 1377 MW on 12th and 13th October 2026, respectively. Considerable overdrawal was also observed on 13th October 2026, with the maximum quantum reaching 973 MW. The Deviation vs. Frequency plot is enclosed as Annexure-1.

The following is the summary of the deviation for Tamil Nadu on 12th and 13th October 2026:

Date	OD % while low freq	UD % while high freq	Max OD	Max UD
12-10-2026	0	6	662 MW	1841 MW
13-10-2026	7	6	973 MW	1377 MW

The persistent underdrawal was also associated with increase in system frequency. On 12th October 2026, persistent underdrawal by Tamil Nadu was observed from 03:30 to 04:30 Hrs and 12:30 to 14:15 Hrs with the quantum reaching up to 409 MW when frequency touched 50.10 Hz at 04:01 Hrs. On 13th October 2026, persistent underdrawal was observed from 07:38 to 09:30 Hrs with the quantum reaching up to 892 MW when frequency touched 50.30 Hz at 07:58 Hrs. During underdrawl period on 12th Oct 2026, Actual Demand is less than forecasted demand (furnished by TN SLDC) by around 1200 MW, respectively. Actual Demand Vs Forecasted demand is attached in Annexure-2.

On 13th Oct 2026, significant Overdrawal was observed from 06:13 to 07:11 Hrs and 17:32 to 19:30 Hrs with quantum reaching upto 980 MW when frequency touched 49.43 Hz at 17:50 Hrs. Persistent overdrawal during non-solar hours, particularly during periods of low system frequency, poses a serious threat to grid security and system stability.

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	13-10-2026 18:19	13-10-2026 19:35
400KV/230KV PUGALUR-ICT-2	STAGE-1	13-10-2026 18:19	13-10-2026 19:37
400KV/230KV PUGALUR-ICT-3	STAGE-1	13-10-2026 18:19	13-10-2026 19:37

ची. गोविन्दुल 13)
14/10/2026

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

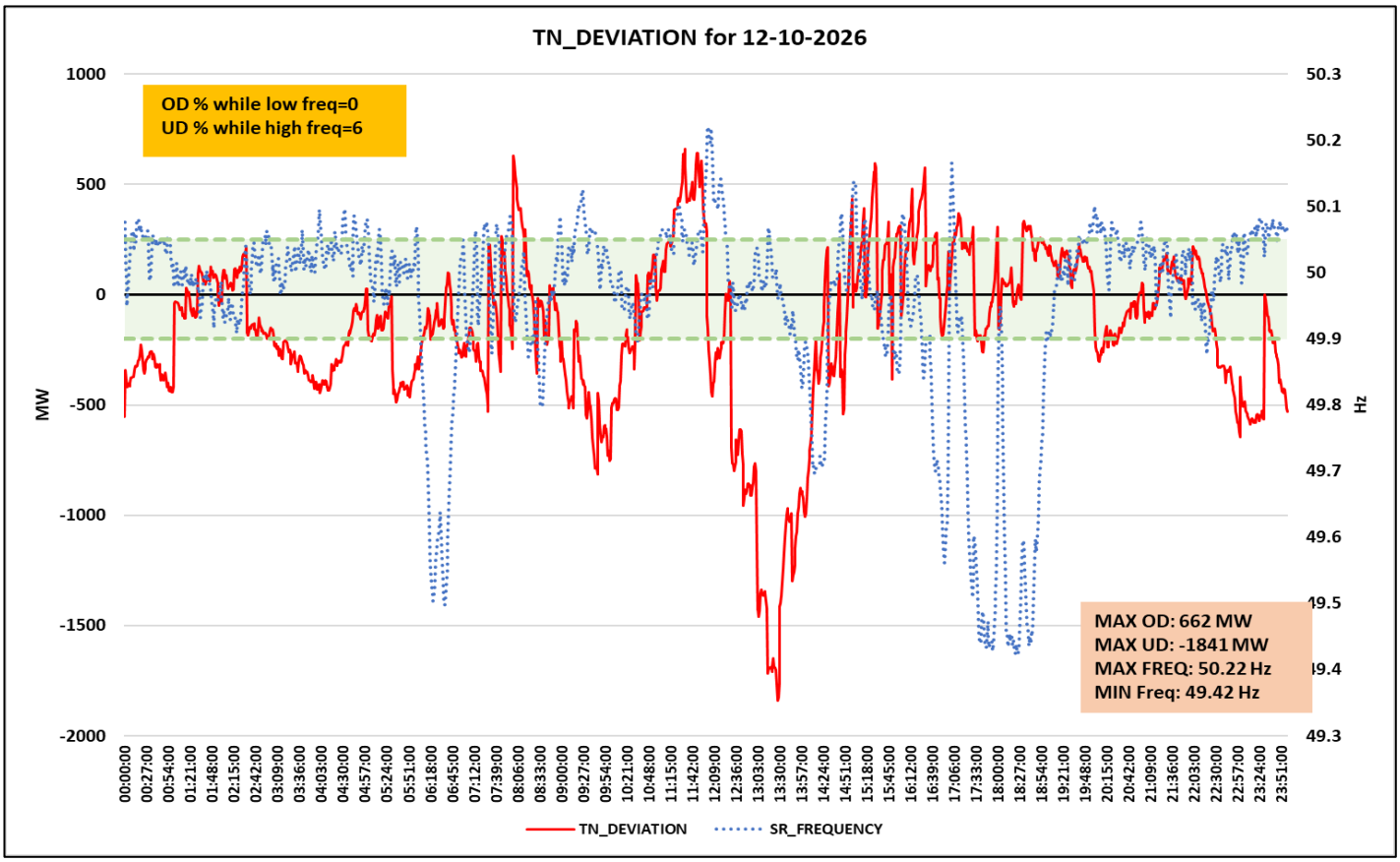
वी गोविंदराज / V Govindaraj 24/10/2025

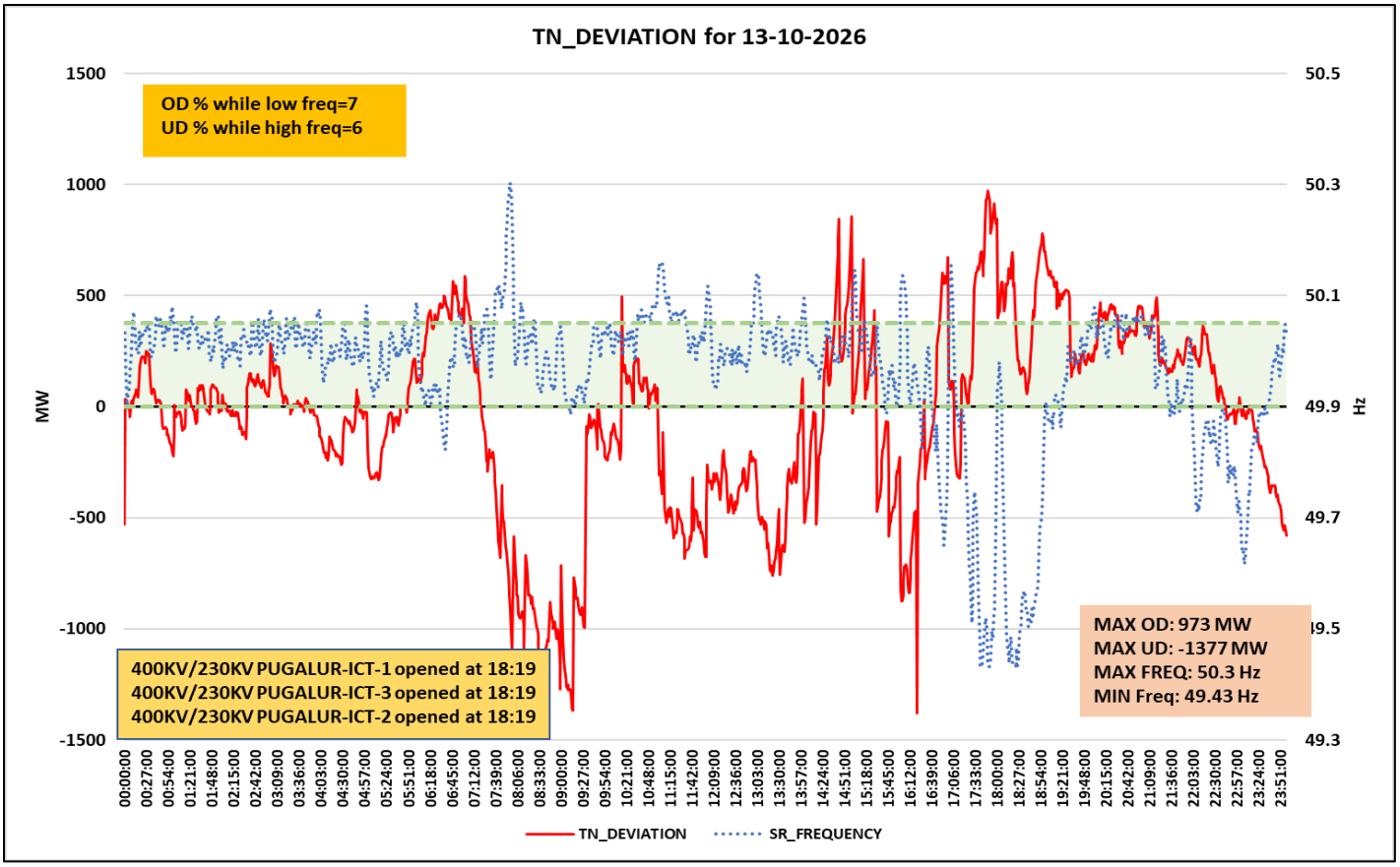
मुख्य महाप्रबंधक / Chief General Manager(SO)
एसआरएलडीसी/ SRLDC

Annexure-1 : Tamil Nadu Deviation vs Frequency Analysis
Annexure-2 : Actual Demand Vs Forecasted Demand

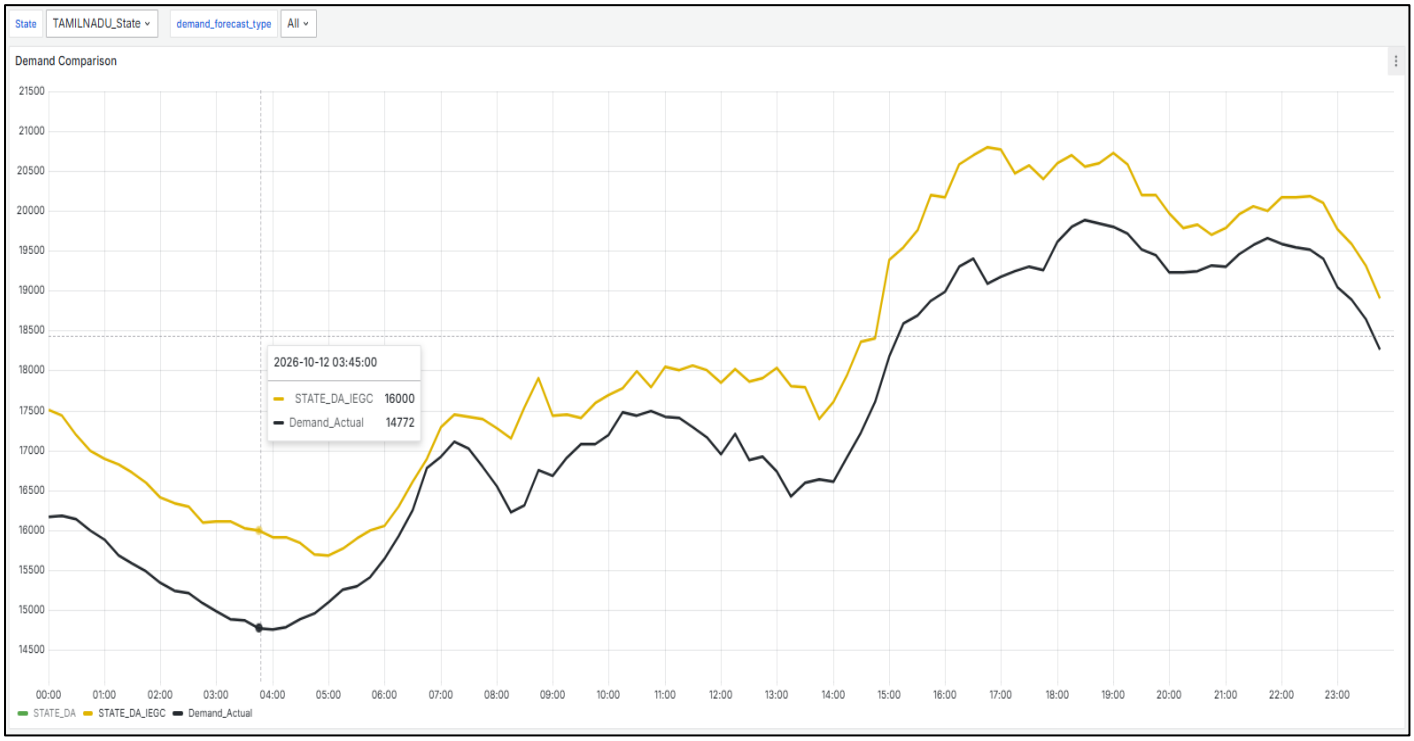
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru

ANNEXURE-1


TN_DEVIATION for 12-10-2026
OD % while low freq=0
UD % while high freq=6
MAX OD: 662 MW
MAX UD: -1841 MW
MAX FREQ: 50.22 Hz
MIN Freq: 49.42 Hz
MW
Hz
TN_DEVIATION
SR_FREQUENCY


TN_DEVIATION for 13-10-2026
OD % while low freq=7
UD % while high freq=6
400KV/230KV PUGALUR-ICT-1 opened at 18:19
400KV/230KV PUGALUR-ICT-3 opened at 18:19
400KV/230KV PUGALUR-ICT-2 opened at 18:19
MAX OD: 973 MW
MAX UD: -1377 MW
MAX FREQ: 50.3 Hz
MIN Freq: 49.43 Hz
MW
Hz
TN_DEVIATION
SR_FREQUENCY

ANNEXURE-II



Actual Demand Vs Forecasted Demand on 12-Oct-2026

A. Hemanth