



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/May/11

दिनांक/Date:25-05-2026

सेवा में /To

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

विषय / Subject : Persistent Deviation from Schedule during low frequency condition-Reg

Sir/Madam,

This is to bring to your notice that significant deviation from schedule by Tamil Nadu has been observed during the low frequency period on 24th May 2026. The overdrawal reached maximum of 1791 MW and frequency touched minimum of 49.59 Hz. Deviation vs Frequency plot is attached in Annexure-1.

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

Element	Tripping time	Synchronisation time
400KV/230KV PUGALUR-ICT-1	24-05-2026 22:51	25-05-2026 00:11
400KV/230KV PUGALUR-ICT-2	24-05-2026 22:51	25-05-2026 00:11
400KV/230KV PUGALUR-ICT-3	24-05-2026 22:52	25-05-2026 00:10

Frequency was below 49.9 Hz continuously from 22:00hrs of 24th May 2026 and touched 49.70Hz at 23:18Hrs. During the entire low frequency period, Tamil Nadu was overdrawing from the grid, which aggravated the situation. It has been observed that Tamil Nadu was selling the power in RTM upto 716 MW during these overdrawl instance(Annexure-2). Tamil Nadu increased internal thermal generation during the night hours, but up margin of 200MW (majorly in North Chennai TPS) was observed (Annexure-3). There was reduction in wind generation from 21:00hrs upto 1500 MW by 22:00hrs (Annexure-4).

In view of the above, it is once again reiterated that proactive planning of the Load Generation Balance Report (LGBR) and the State's overall power portfolio is essential. Your cooperation is solicited to maintain grid discipline and ensure grid security. Persistent deviation from schedule is a matter of concern, and necessary measures must be taken to maintain the

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25/05/2026

load-generation balance. Internal generation should be optimized wherever feasible, and market options should be explored in advance.

Despite continuous follow-up through various communications, real-time operational messages, and deliberations in OCC meetings, substantial deviations from schedule by Tamil Nadu continue to be observed on a daily basis.

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.

It has also been observed that there was continuous underdrawal by Tamil Nadu upto 1541 MW on the same day when the frequency was more than IEGC band.

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.

भवदीय /Yours faithfully

वी गोविंदराज 15/05/2026

वी गोविंदराज / V Govindaraj

कार्यपालक निदेशक/ Chief General Manager(SO)
एसआरएलडीसी/ SRLDC

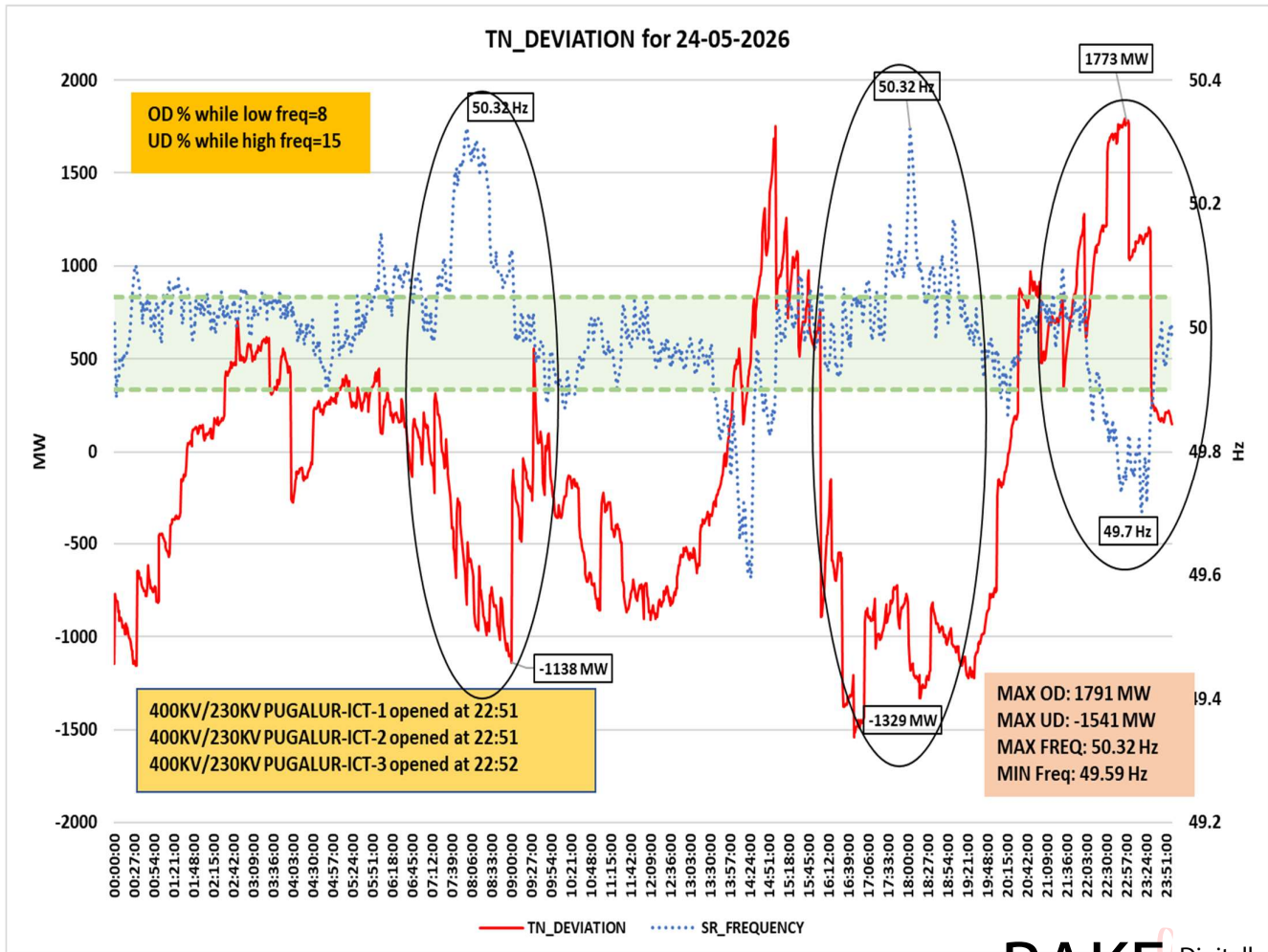
Annexure-1 : Tamil Nadu Deviation vs Frequency Analysis

Annexure-2 : Tamil Nadu DAM/RTM plot

Annexure-3 : Tamil Nadu Thermal availability and Despatch

Annexure-4 : Tamil Nadu Wind Forecast vs Actual generation

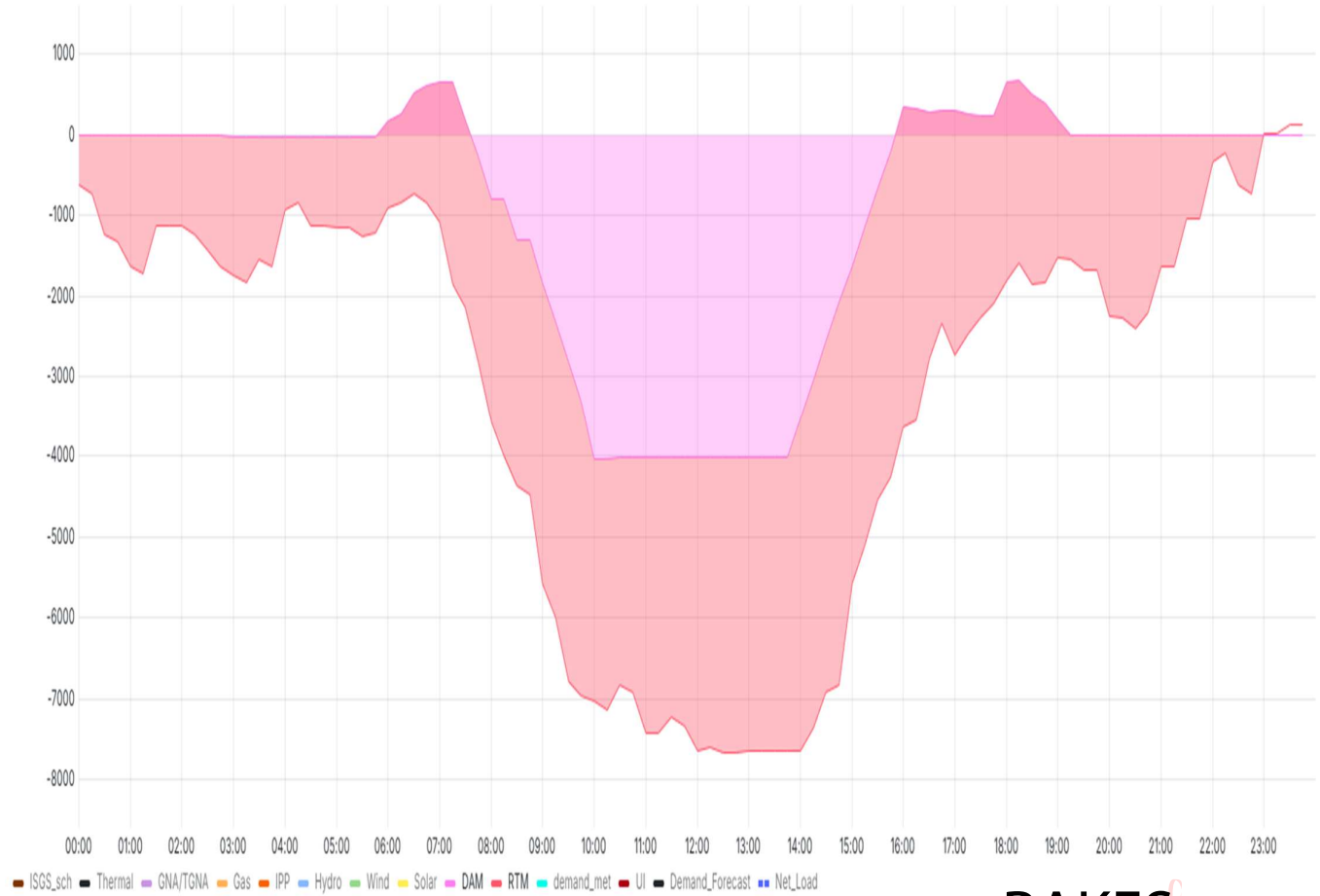
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3. ED, SRLDC, Bengaluru



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Annexure-2

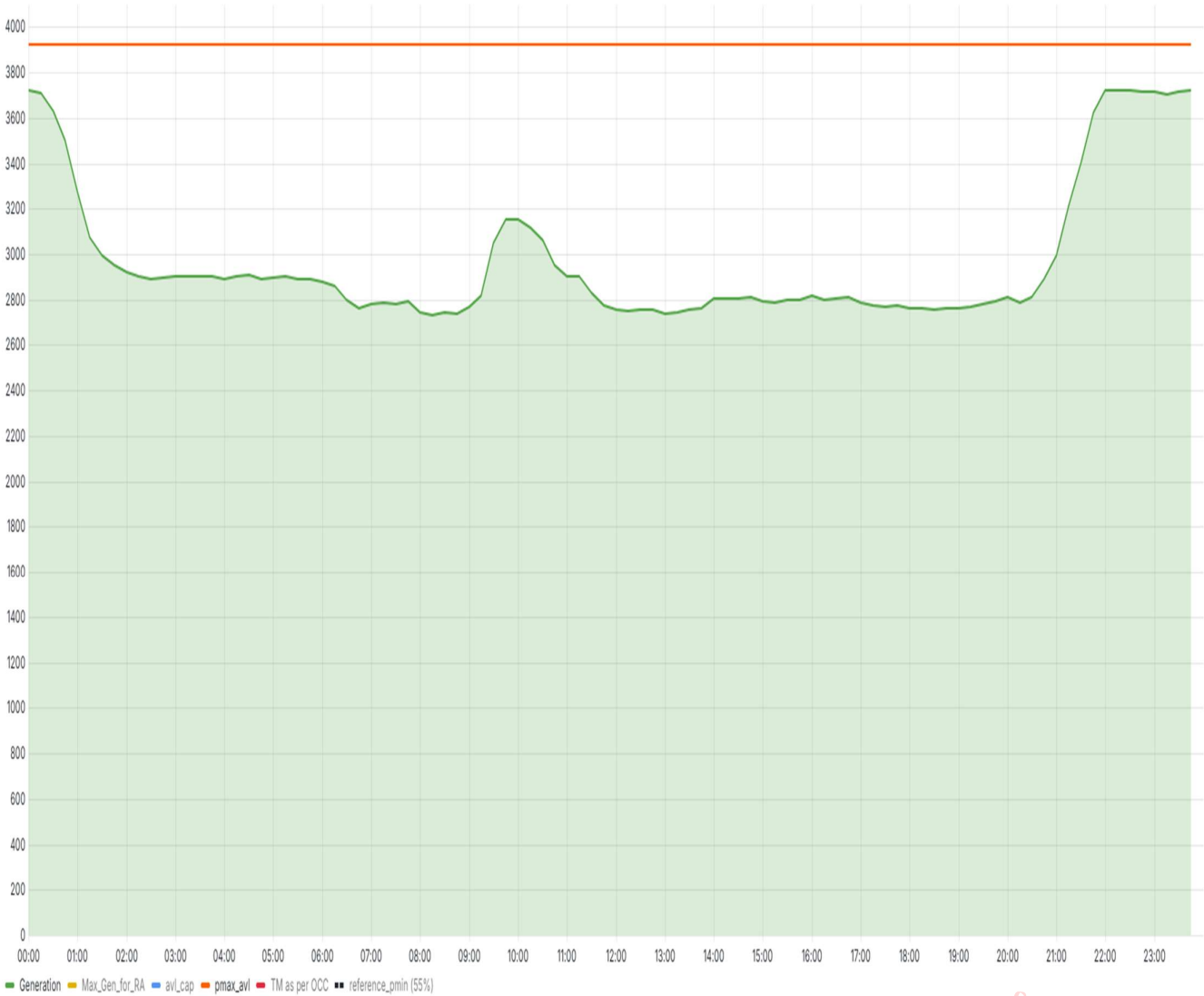
TAMILNADU_State Demand Distribution



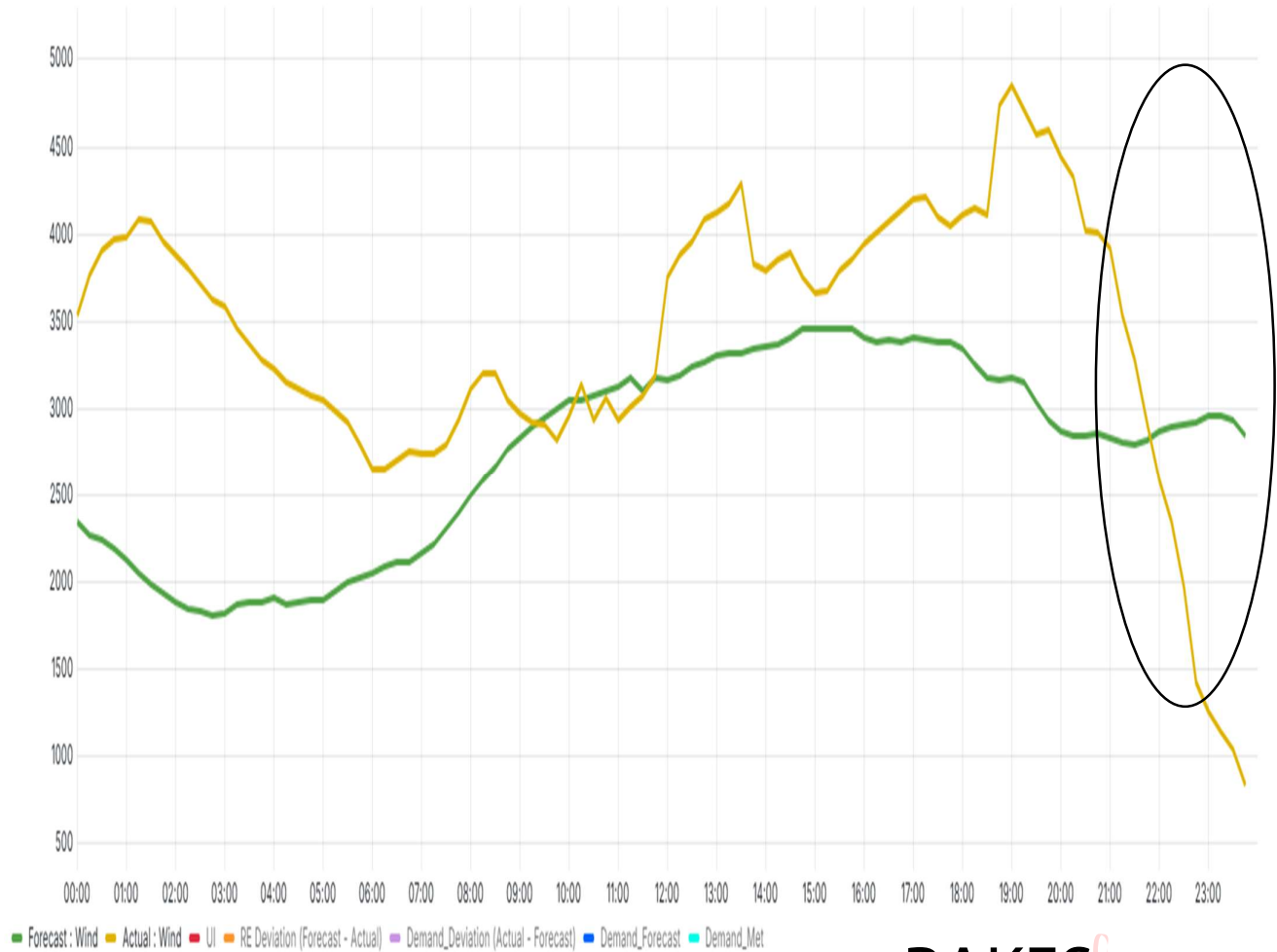
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Thermal Availability and Despatch - TAMILNADU_State



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