



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

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संदर्भ /Ref No: GRID-INDIA/SRLDC/ RTO/2026/May/04

दिनांक/Date:12-05-2026

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 11th May 2026. The overdrawal reached maximum of 1119 MW and frequency touched minimum of 49.48 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	11-05-2026 21:11	12-05-2026 00:52
400KV/230KV PUGALUR-ICT-2	11-05-2026 21:12	12-05-2026 01:03
400KV/230KV PUGALUR-ICT-3	11-05-2026 21:13	12-05-2026 01:04

Frequency was below 49.9 Hz continuously from 20:00hrs of 11th May 2026 and touched 49.49Hz at 22:20Hrs. 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 able to procure only upto 138MW power in RTM (Annexure-2). Tamil Nadu increased internal thermal generation during the night hours, but up margin of 500MW (majorly in North Chennai TPS) was observed (Annexure-3). Even though there was around 1100 MW increase in wind generation during this period, overdrawal by Tamil Nadu persisted (Annexure-4).

There was considerable deviation of wind generation upto 1100 MW from forecasted values in Tamil Nadu (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

Amulya Arunach
12-05-2026

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:

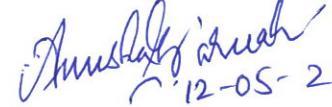
30.(3) All users shall adhere to their schedule of injection or drawl, as the case may be, and take such action as required under these regulations and as directed by NLDC or respective RLDCs or respective SLDCs so that the grid frequency is maintained and remains within the allowable band.

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 is pertinent to mention, CERC order dated 11.09.2023 in Petition No. 132/MP/2022 in the matter of over drawl from the grid by regional entities leading to insecure operation of the grid and other associated matters. States shall adhere to the action plan stipulated in the order.

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


12-05-2026

अनुषा बरुआ / Anusha Baruah

मुख्य प्रबंधक / Chief Manager(SO)

एसआरएलडीसी/ SRLDC

Annexure-1 : Tamil Nadu Deviation vs Frequency Analysis

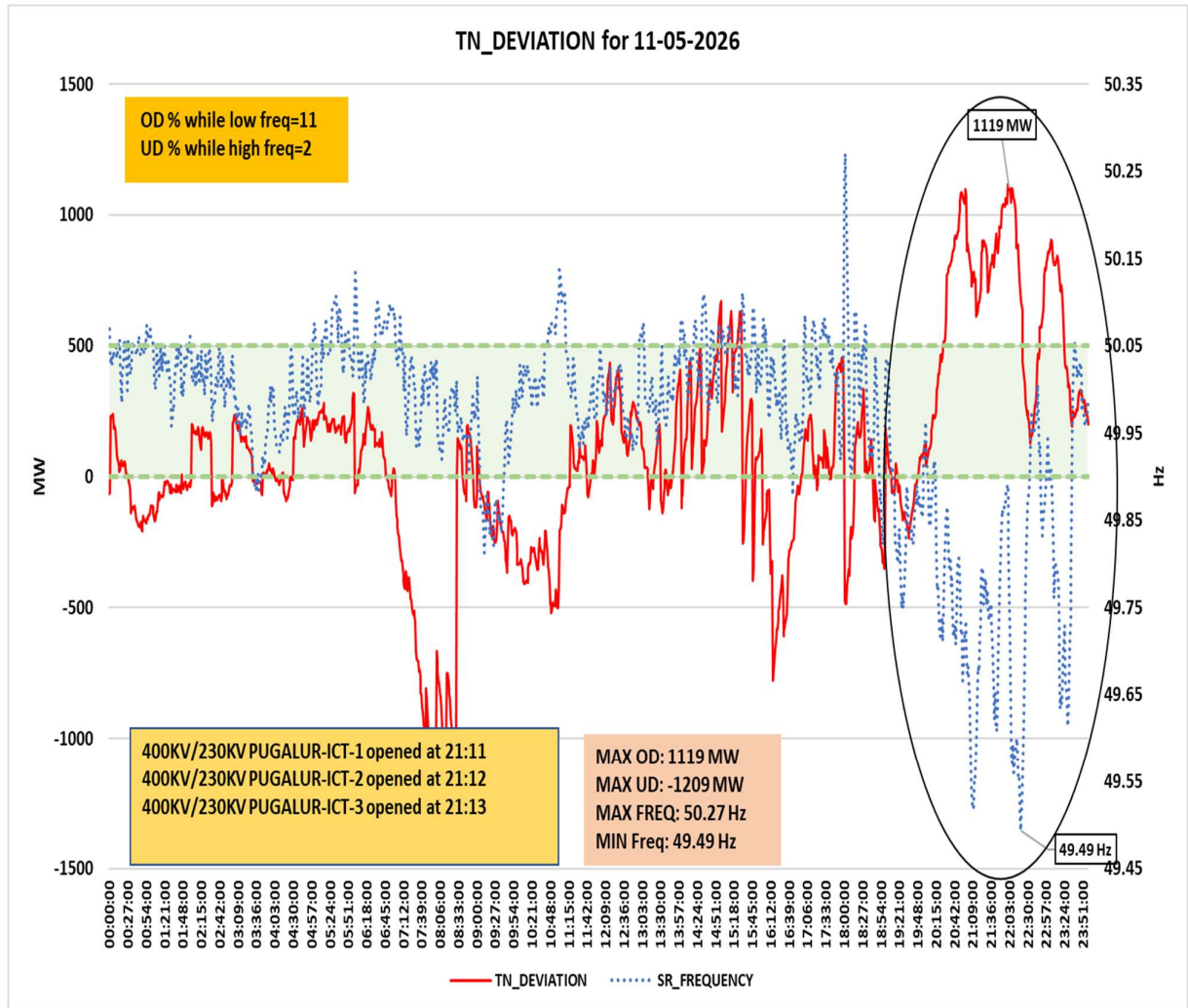
Annexure-2 : Tamil Nadu DAM/RTM plot

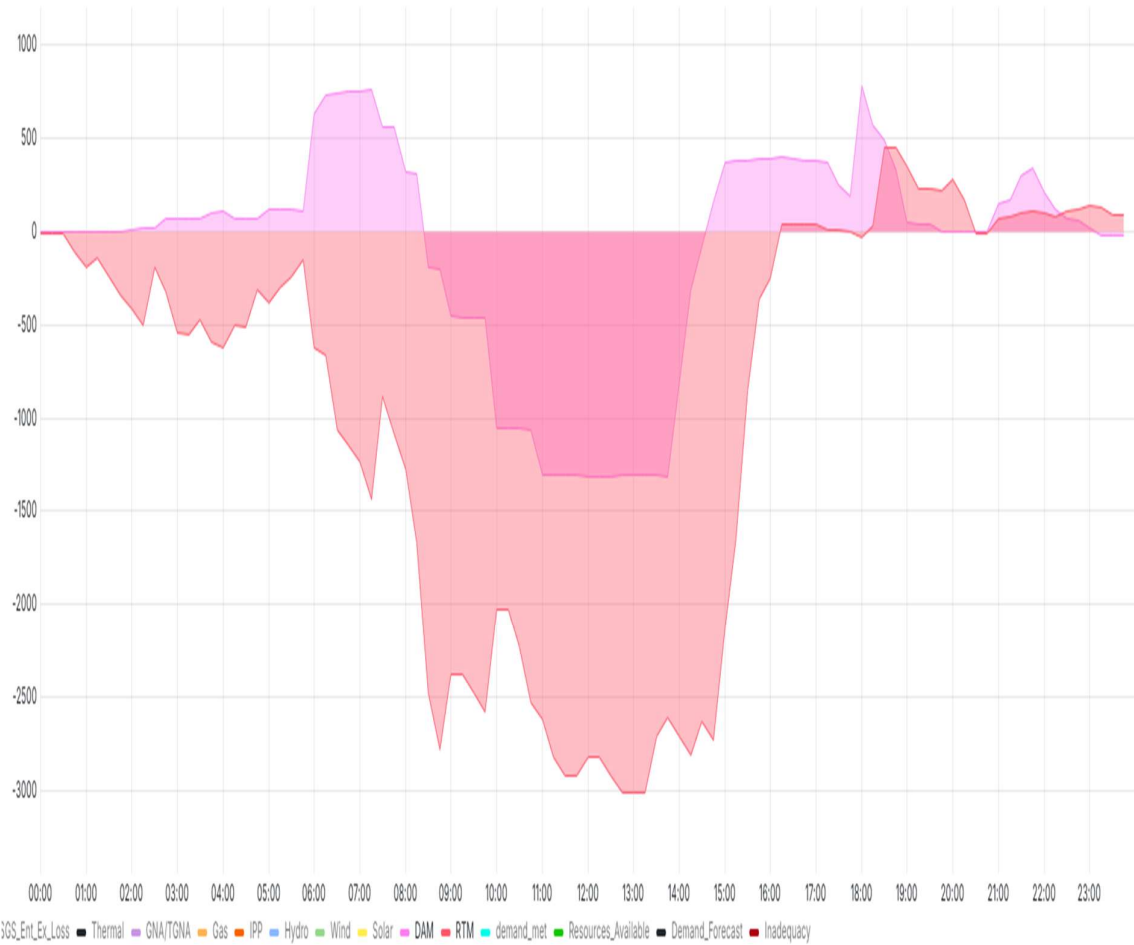
Annexure-3 : Tamil Nadu Thermal availability and Despatch

Annexure-4 : Tamil Nadu Wind Forecast vs Actual generation

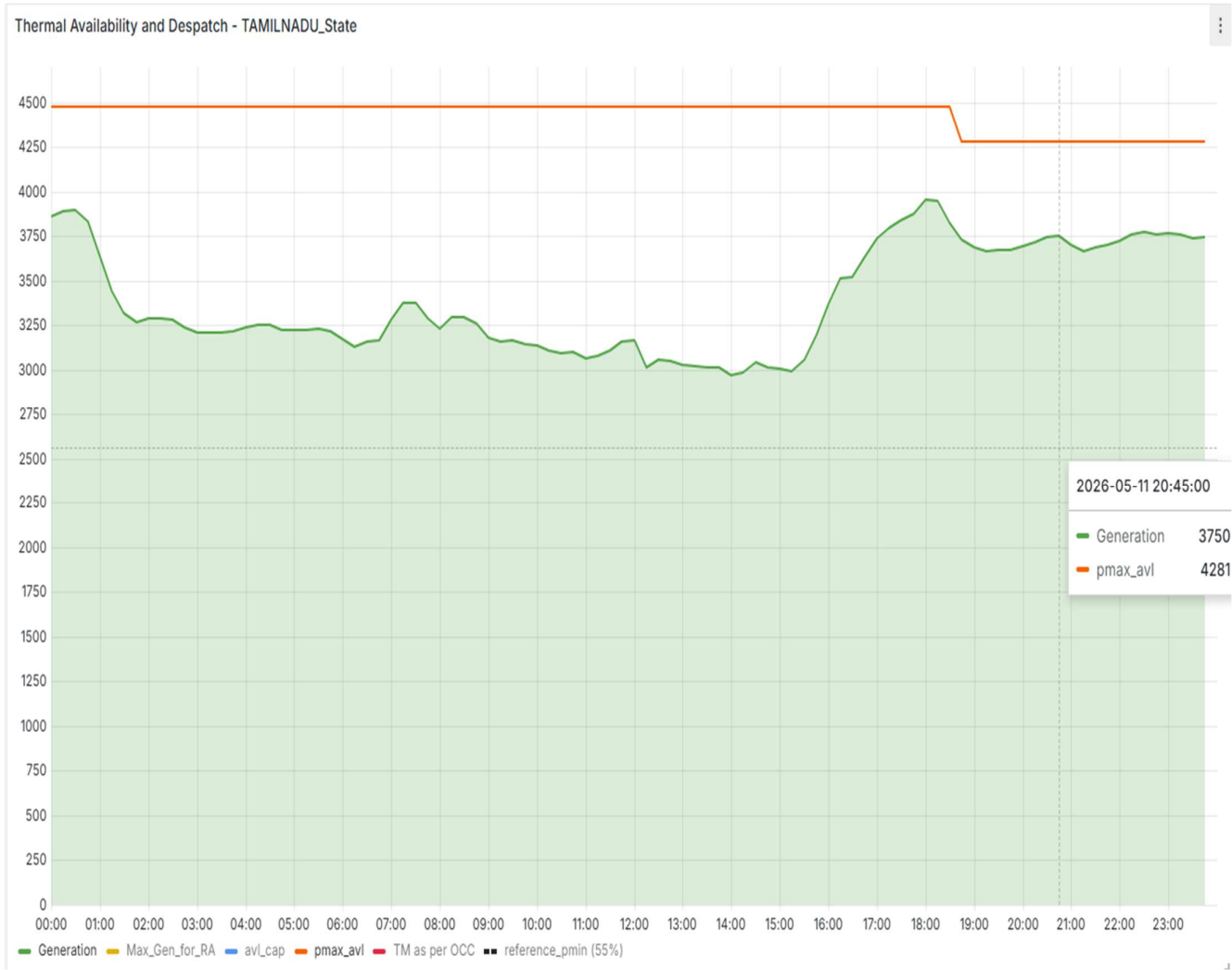
Copy to: 1. MS, SRPC, Bangalore
2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru
4. CGM(SO), SRLDC, Bengaluru

Annexure-1





Annexure-3



Annexure-4

