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/May/06 दिनांक/Date:14-05-2026

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

विषय / Subject : Persistent Overdrawal during critically low frequency conditions-Reg

संदर्भ / Reference: SRLDC letters dated 06.04.2026, 17.04.2026 , 21.04.2026, 24.04.2026 and 12.05.2026

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 13th May 2026. The overdrawal reached a maximum of 503 MW when the system frequency touched nadir frequency of 49.4 Hz at 14:09 Hrs. Such sustained overdrawal under low-frequency conditions aggravates grid instability and poses a serious threat to overall system security and reliability. The grid was operating under stressed and critical conditions during this period, and continued overdrawal further intensified the system imbalance. Deviation vs Frequency plot is attached in Annexure-1.

It has been observed that Tamil Nadu sold 2095MW in DAM and 532MW in RTM in the 57th TB (Annexure-2). Tamil Nadu was able to procure power in market from 15:15hrs. Tamil Nadu internal thermal generation was less than available capacity by around 1300MW during this instant (Annexure-3). The wind generation was greater than the forecast throughout the day. During this low frequency instant, the wind generation was 1705MW whereas the forecasted value was 204MW (Annexure-4). The demand during this instant was around 900MW greater than the forecasted value .

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.

14/05/2026

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.

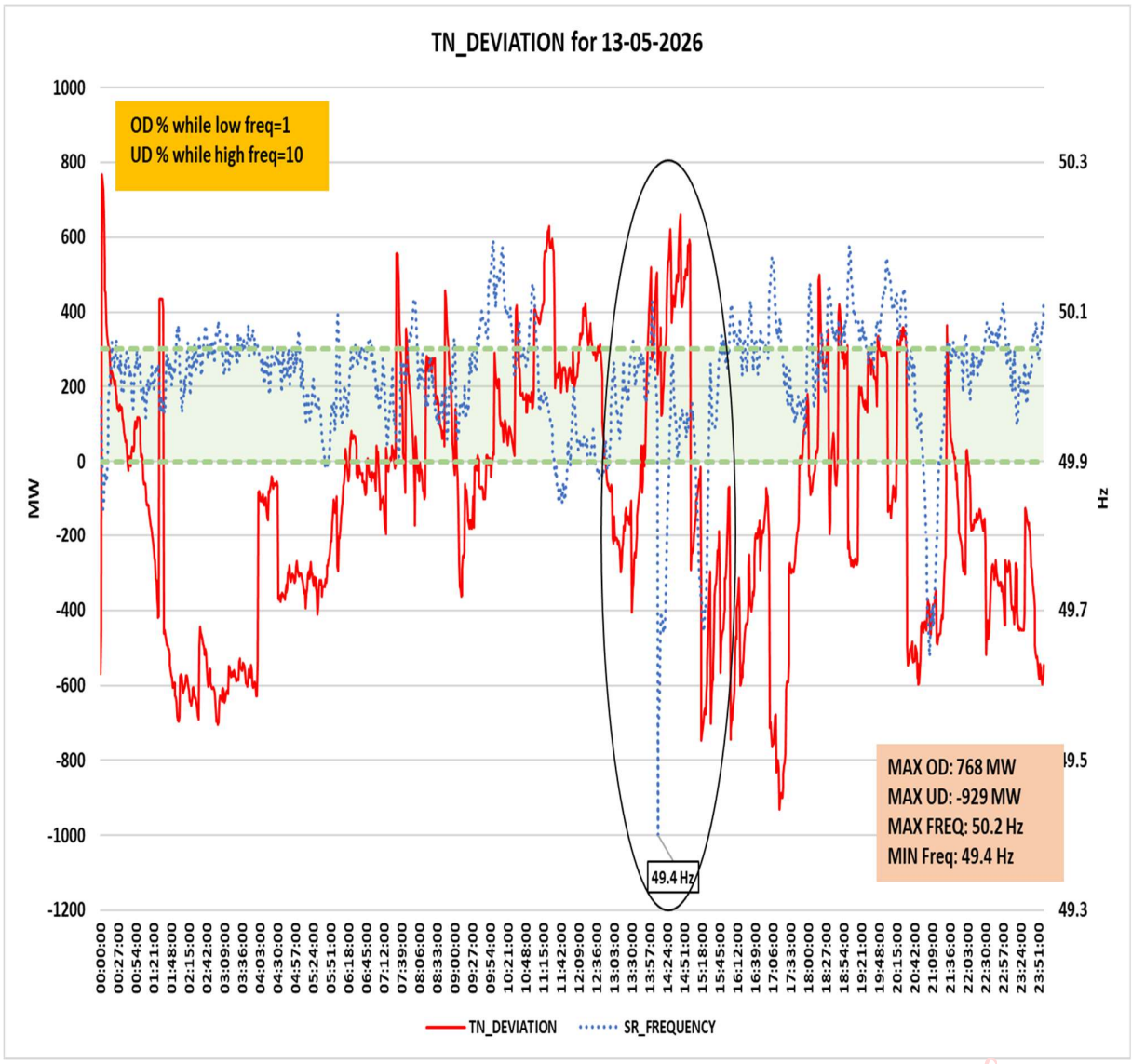
भवदीय /Yours faithfully

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

Copy to: 1. MS, SRPC, Bangalore
2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru

Annexure-1



Deviation vs Frequency for 13-05-2026

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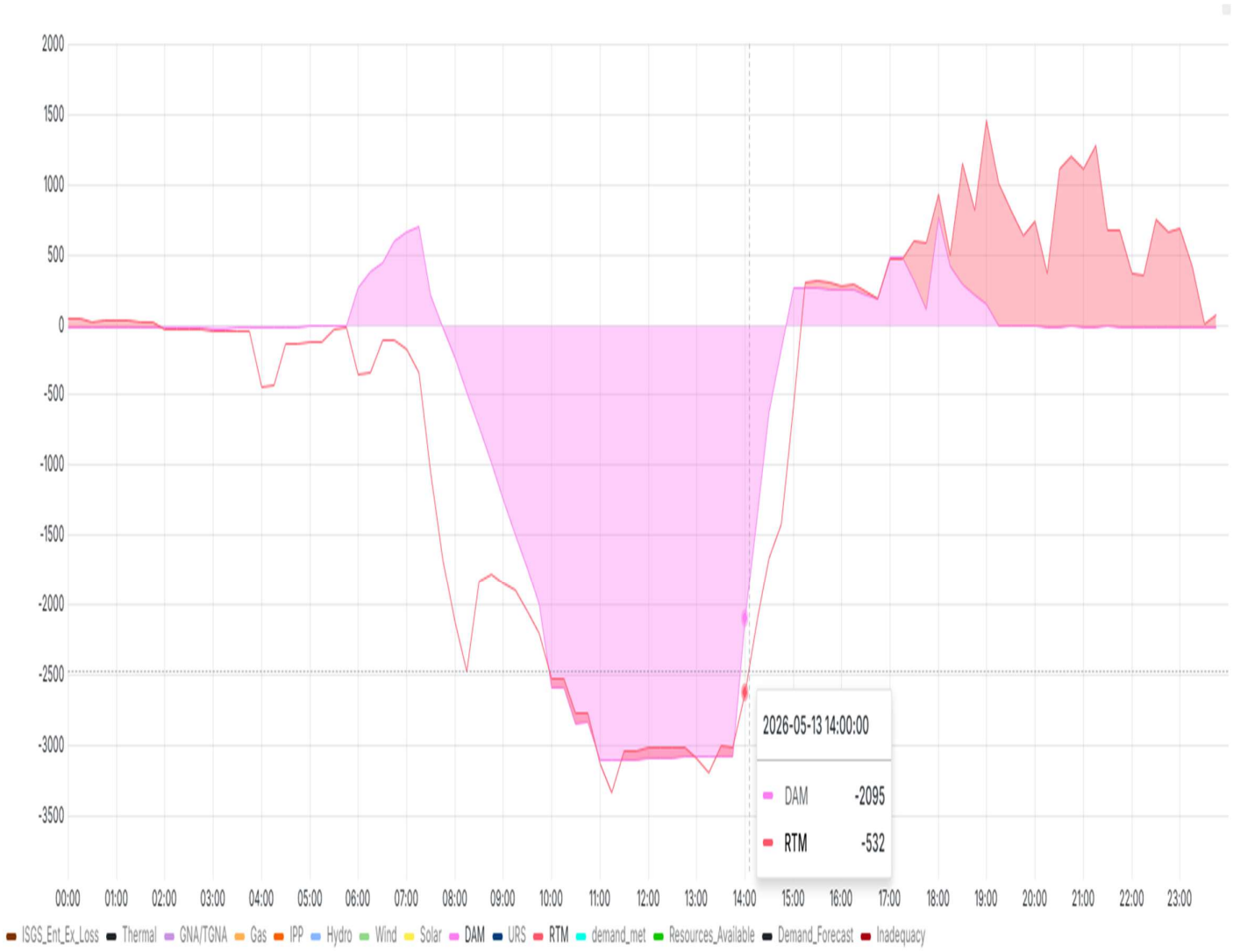
Annexure-2



DAM and RTM plot of Tamil Nadu for 13-05-2026

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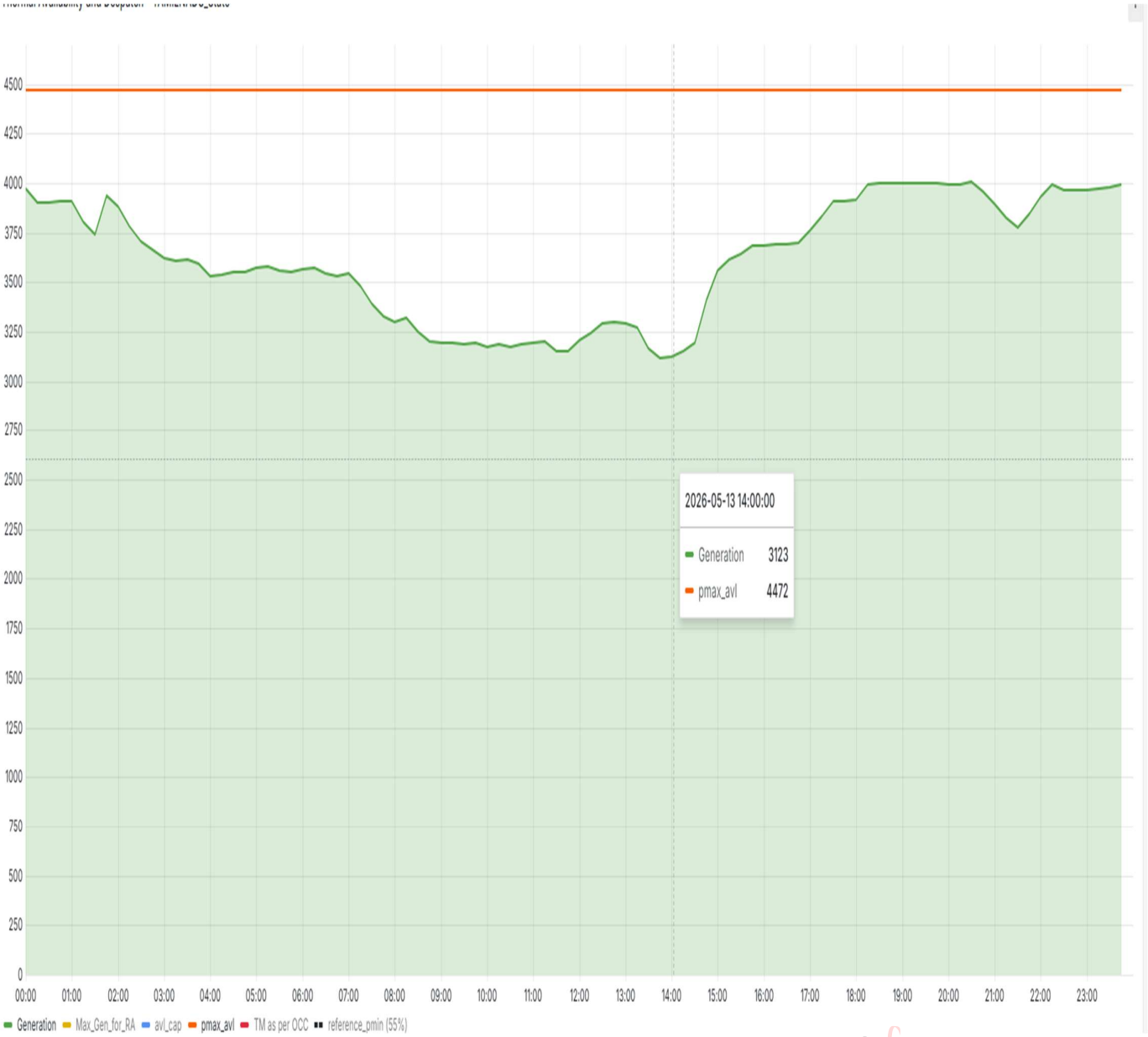
Annexure-3



Thermal Dispatch and Availability

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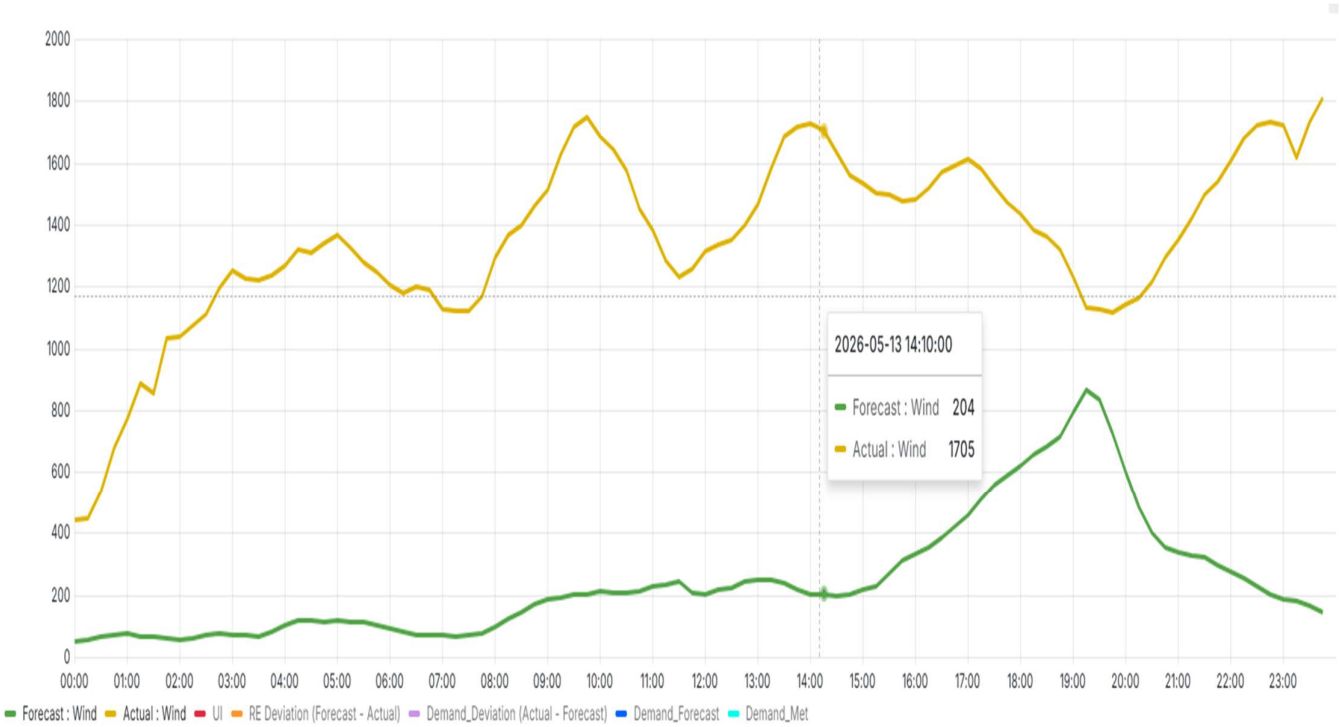
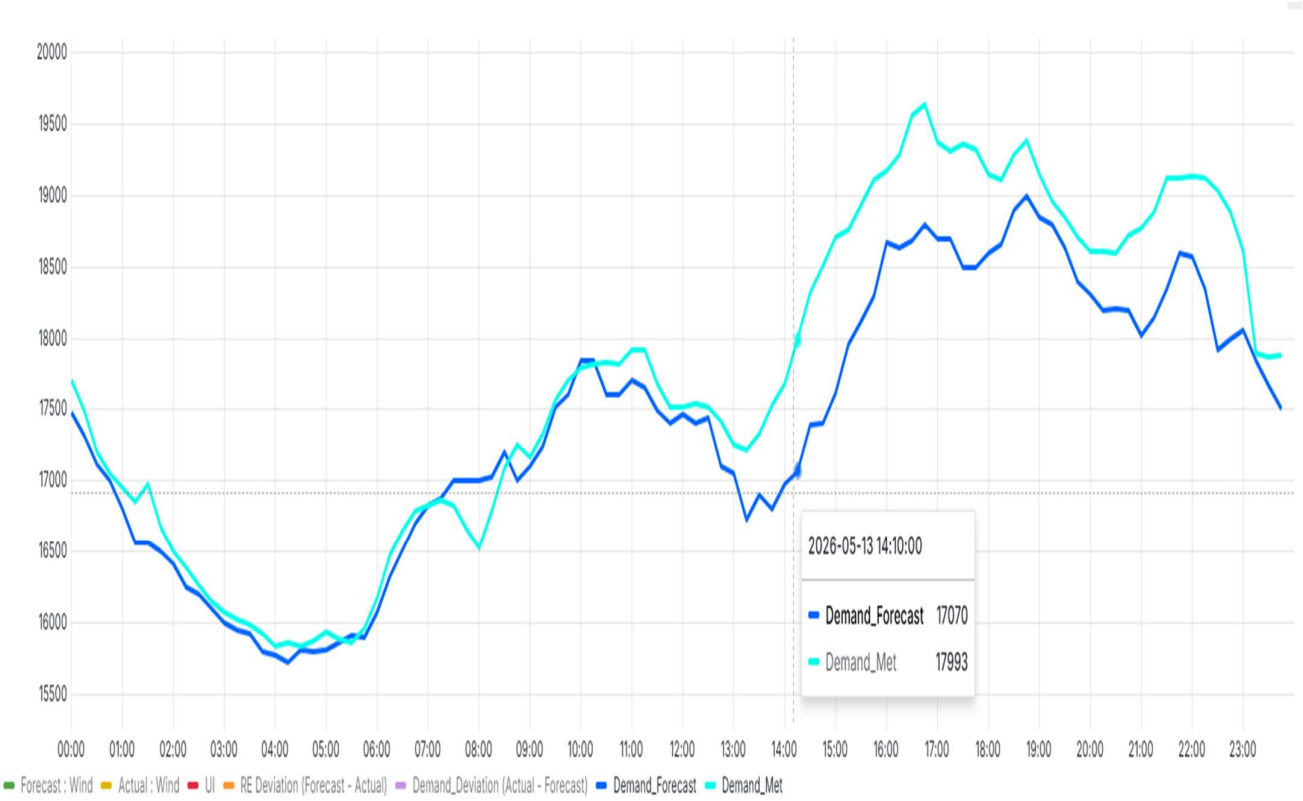
Annexure-4



Wind Forecast vs Actual Wind generation



Tamil Nadu Demand forecast vs Actual Demant met for 13-05-2026

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