



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.srlc.in, E-mail : srlc@grid-india.in, Tel.: 080-22250047/4525, Fax: 080 22268725

संदर्भ / Ref No: GRID-INDIA/SRLDC/ RTO/2026/May/01

दिनांक/Date:06-05-2026

सेवा में /To

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

विषय / Subject : Persistent Deviation from Schedule-Reg

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

Sir/Madam,

This is to bring to your notice that significant deviation from schedule by Tamil Nadu has been observed during the period from 27th April 2026 to 5th May 2026.

The under-drawal quantum reached a maximum of 2929 MW on 2nd May 2026, particularly during 15:00 hrs to 17:00 hrs. Additionally, on 4th May 2026 and 5th May 2026, the under-drawal remained in the range of 1000–1500 MW. During these periods, the grid frequency was also on the higher side, reaching up to 50.32 Hz. The deviation plots are enclosed as *Annexure-1*.

It has been observed that a total down margin of up to 600 MW was present in the internal generation of Tamil Nadu during under-drawal periods. Notably, a down margin of up to 300 MW was observed in Mettur TPS. The corresponding generation plots are enclosed as *Annexure-2*.

Further, it is pertinent to highlight that Tamil Nadu sold power in the market during these periods. On 1st May 2026, Tamil Nadu sold up to 4055 MW in RTM and 2135 MW in DAM during the under-drawal period. Similarly, on 3rd May 2026, power sold was 4111 MW in RTM and 2043 MW in DAM, which contributed to controlling under-drawal during the morning period.

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

श्री गोविन्द राज
06/05/2026

पंजीकृत कार्यालय : बी- 9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016

Registered Office : B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110016

Website : www.grid-india.in

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.

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
06/05/2026

वी गोविंदराज / V Govindaraj

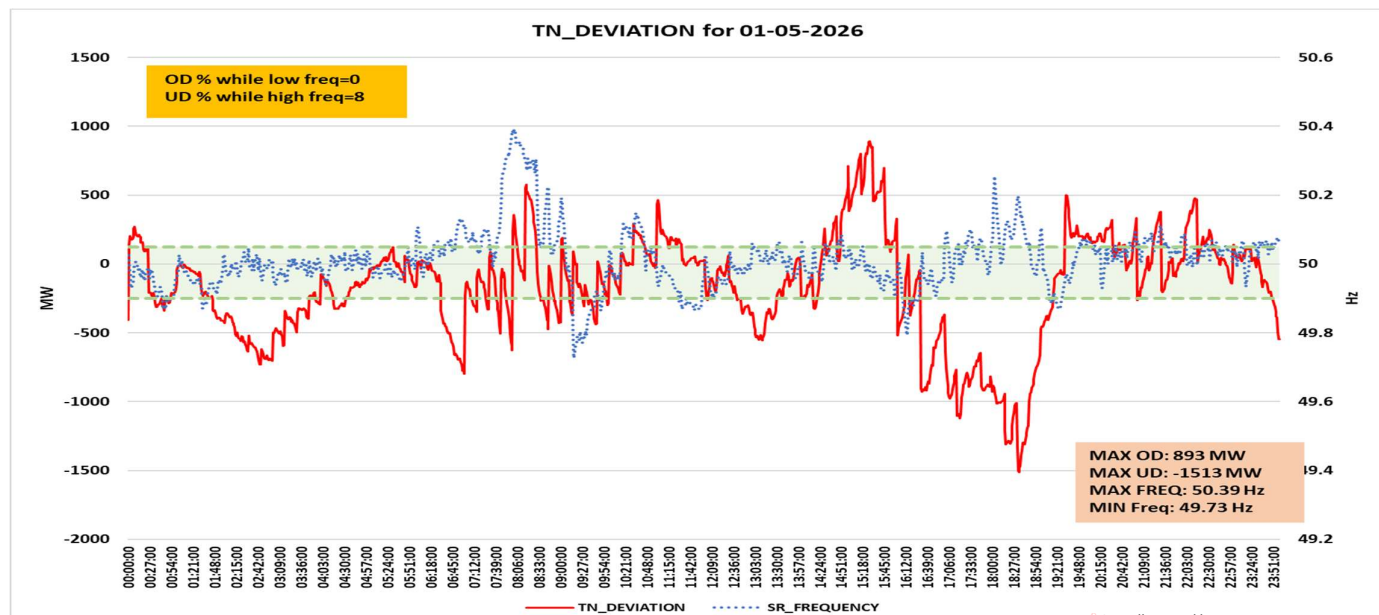
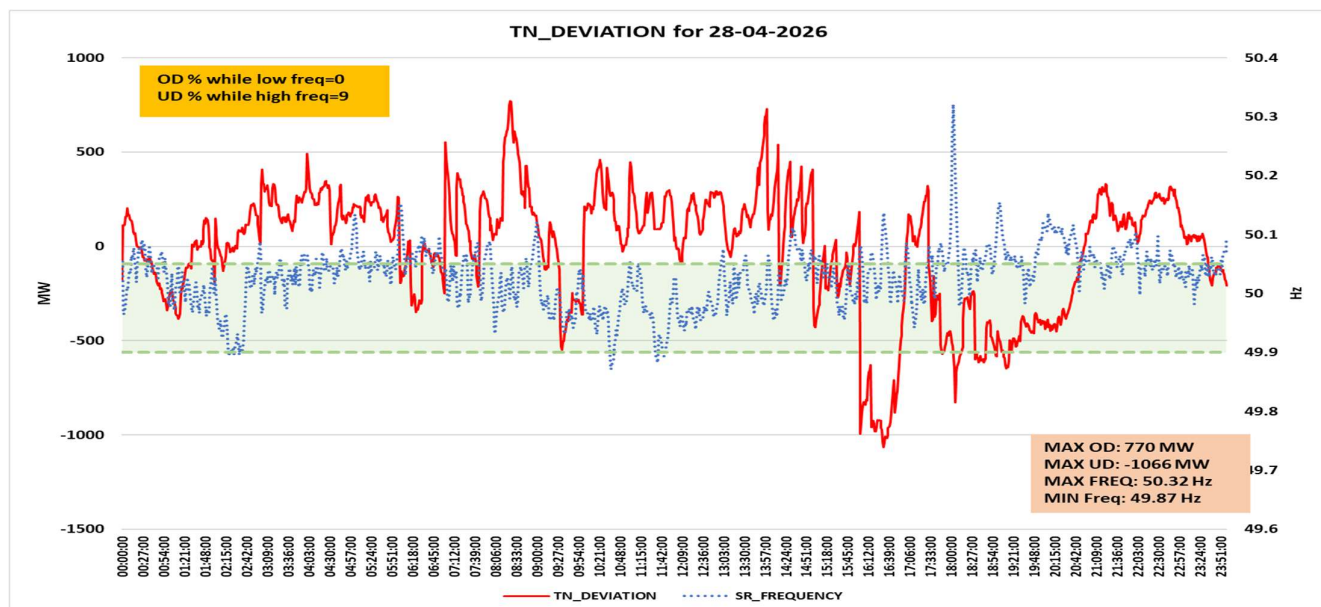
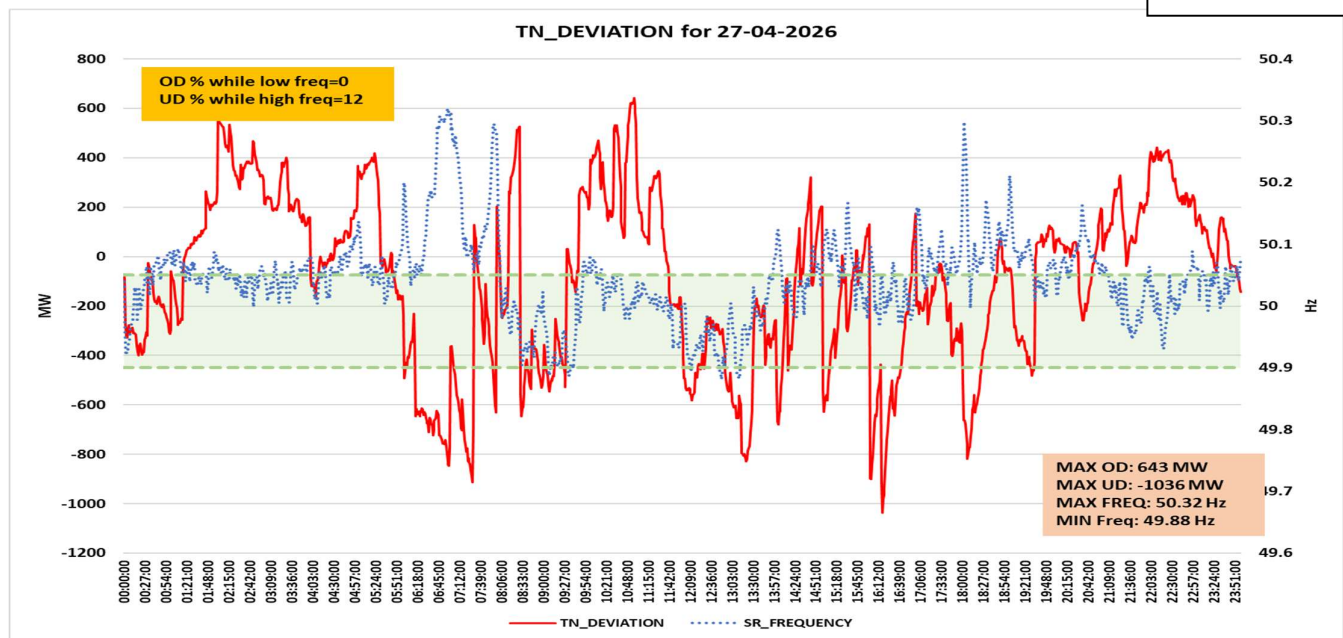
कार्यपालक निदेशक/ Chief General Manager(SO)

एसआरएलडीसी/ SRLDC

Annexure- 1 : Tamil Nadu Deviation vs Frequency Analysis

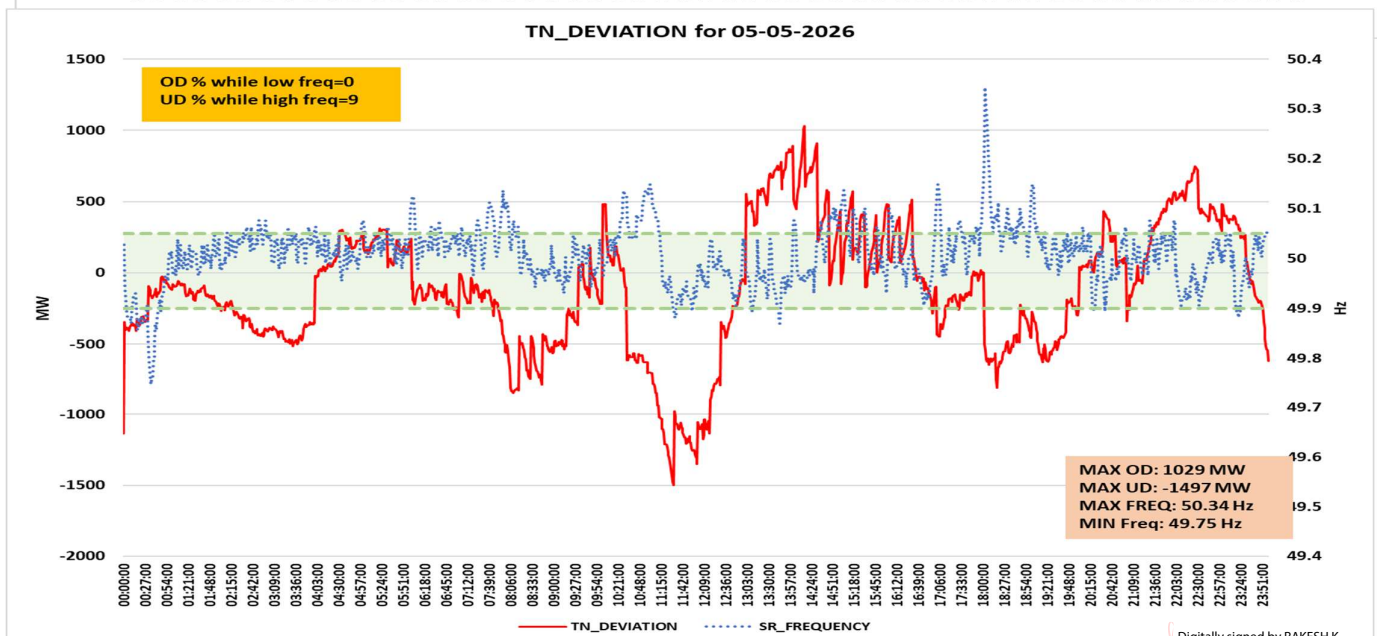
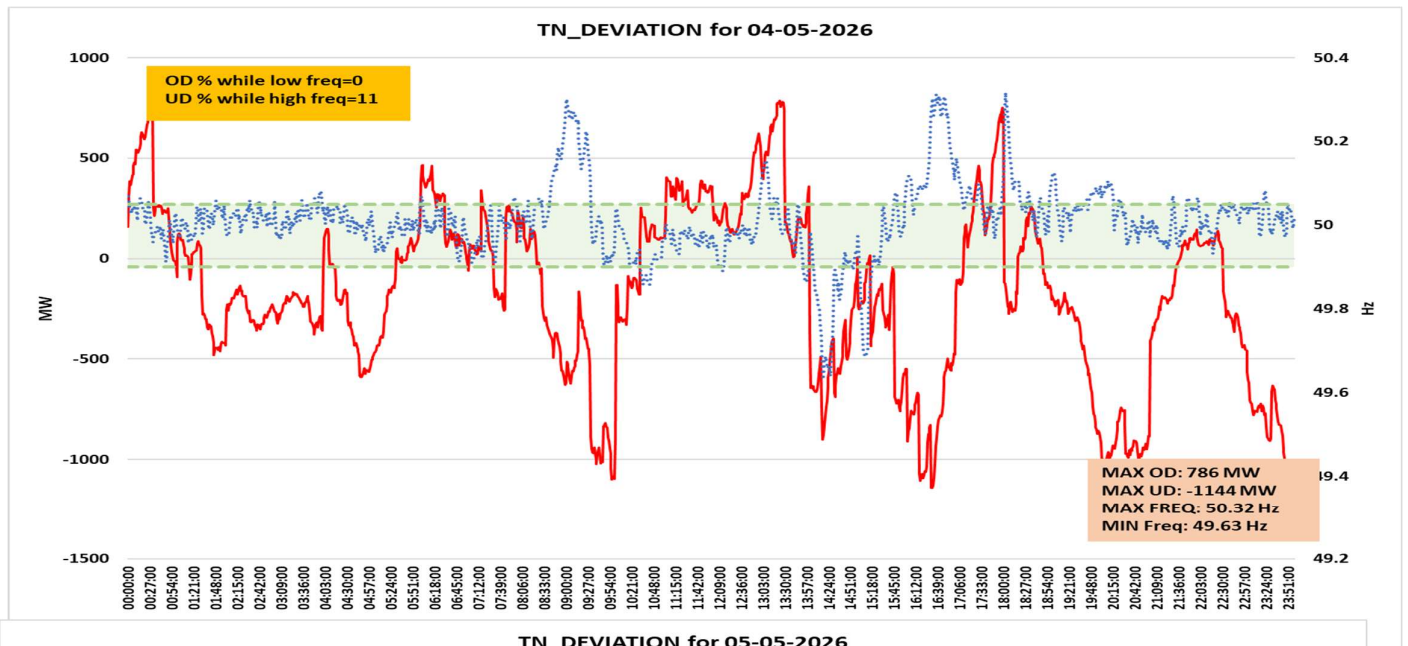
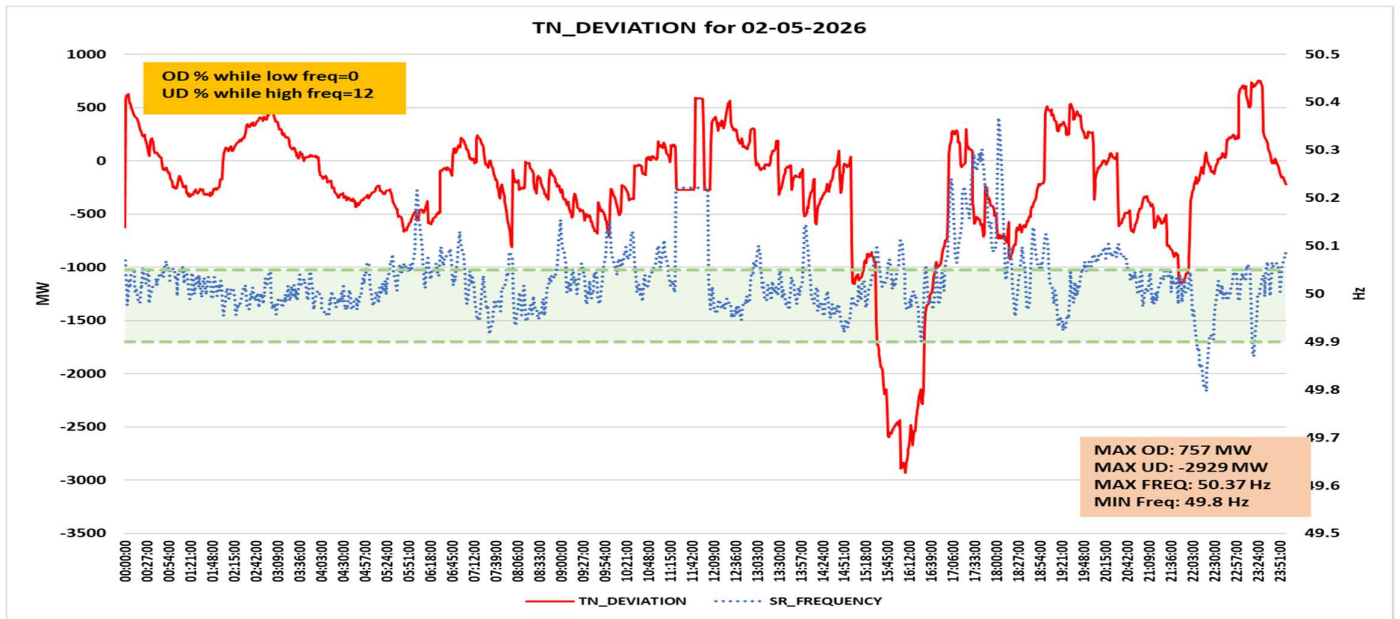
Annexure-2 : Tamil Nadu Thermal Availability vs Despatch

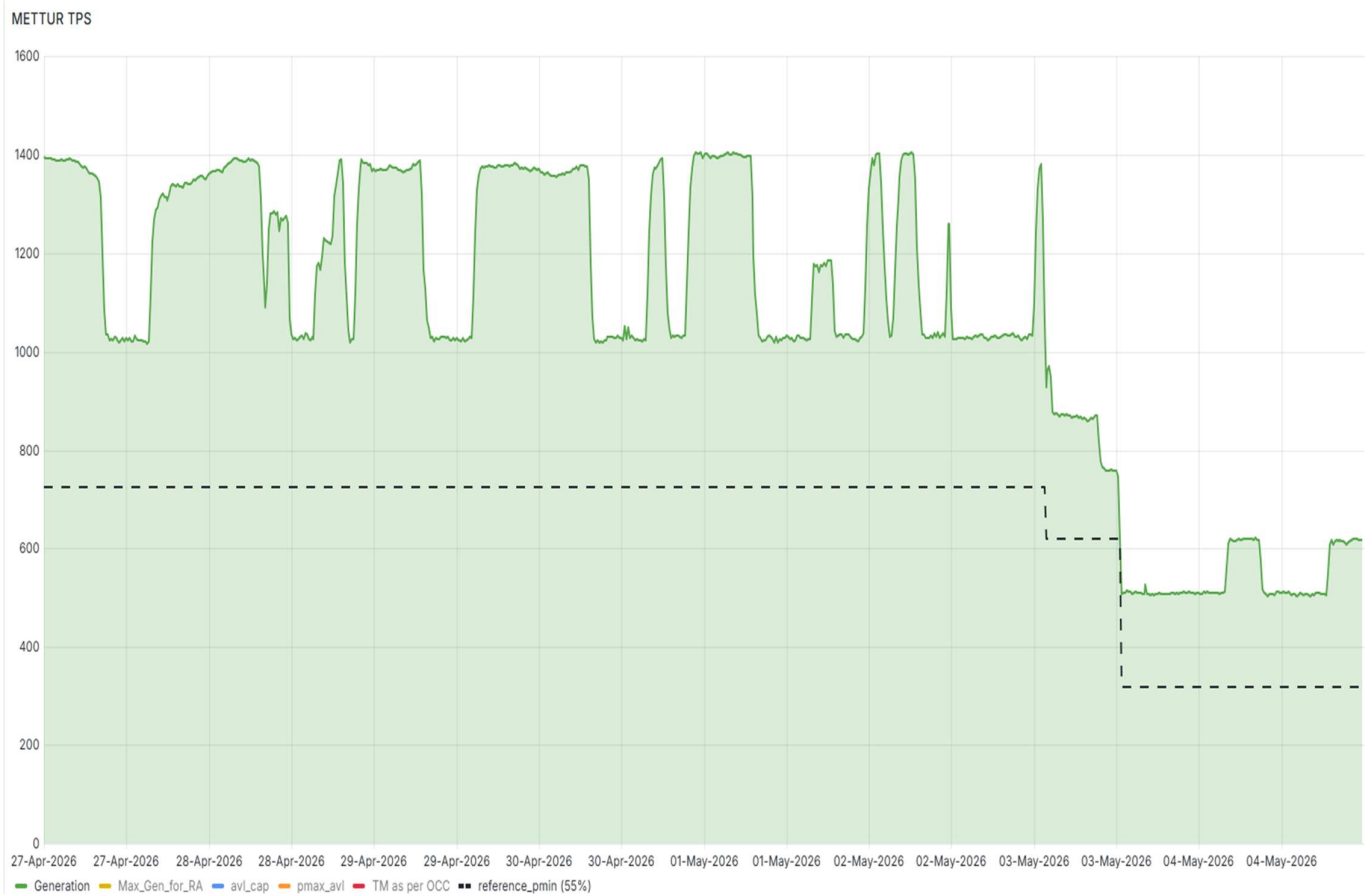
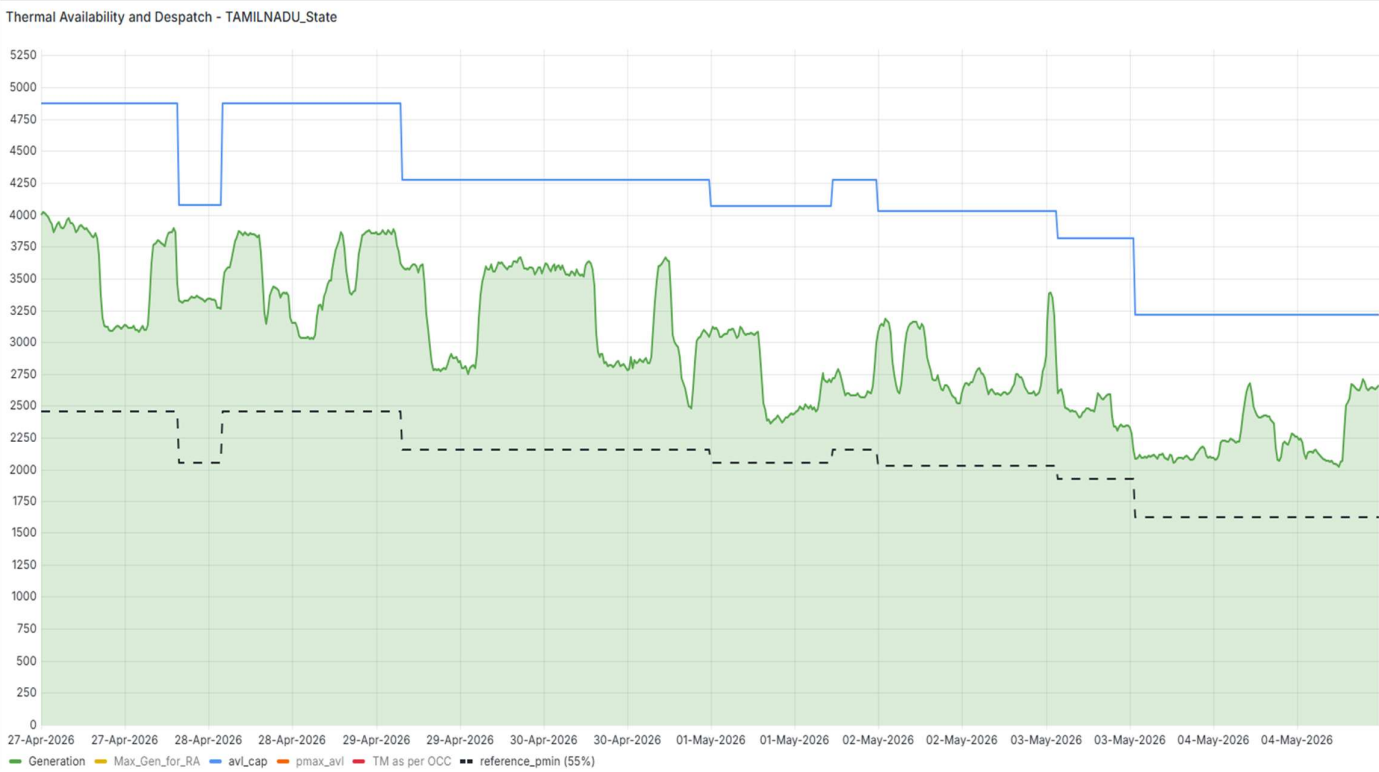
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3. ED, SRLDC , Bangalore



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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:

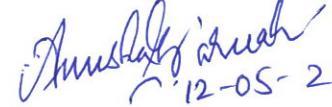
30.(3) All users shall adhere to their schedule of injection or drawl, as the case may be, and take such action as required under these regulations and as directed by NLDC or respective RLDCs or respective SLDCs so that the grid frequency is maintained and remains within the allowable band.

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

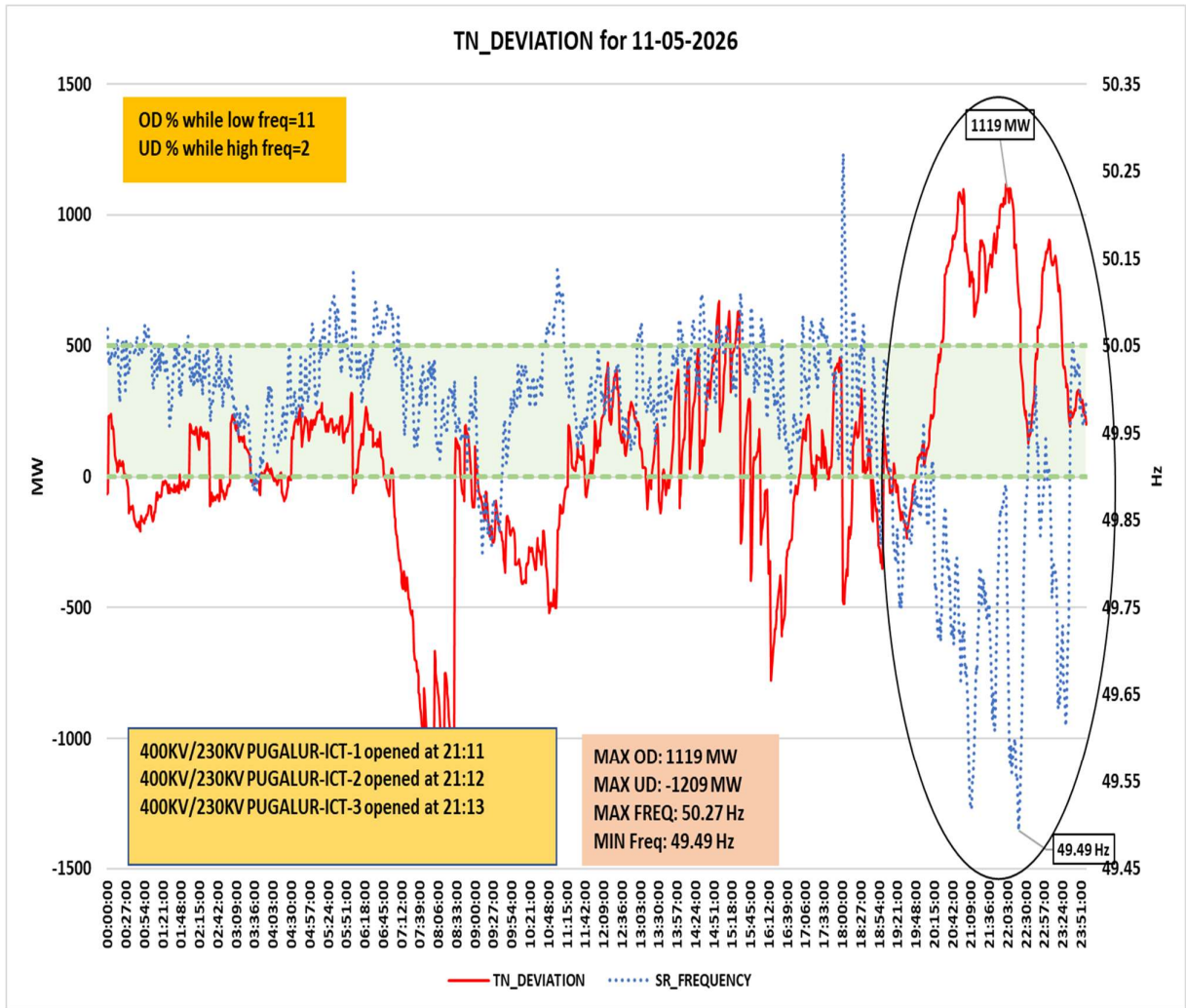
Annexure-3 : Tamil Nadu Thermal availability and Despatch

Annexure-4 : Tamil Nadu Wind Forecast vs Actual generation

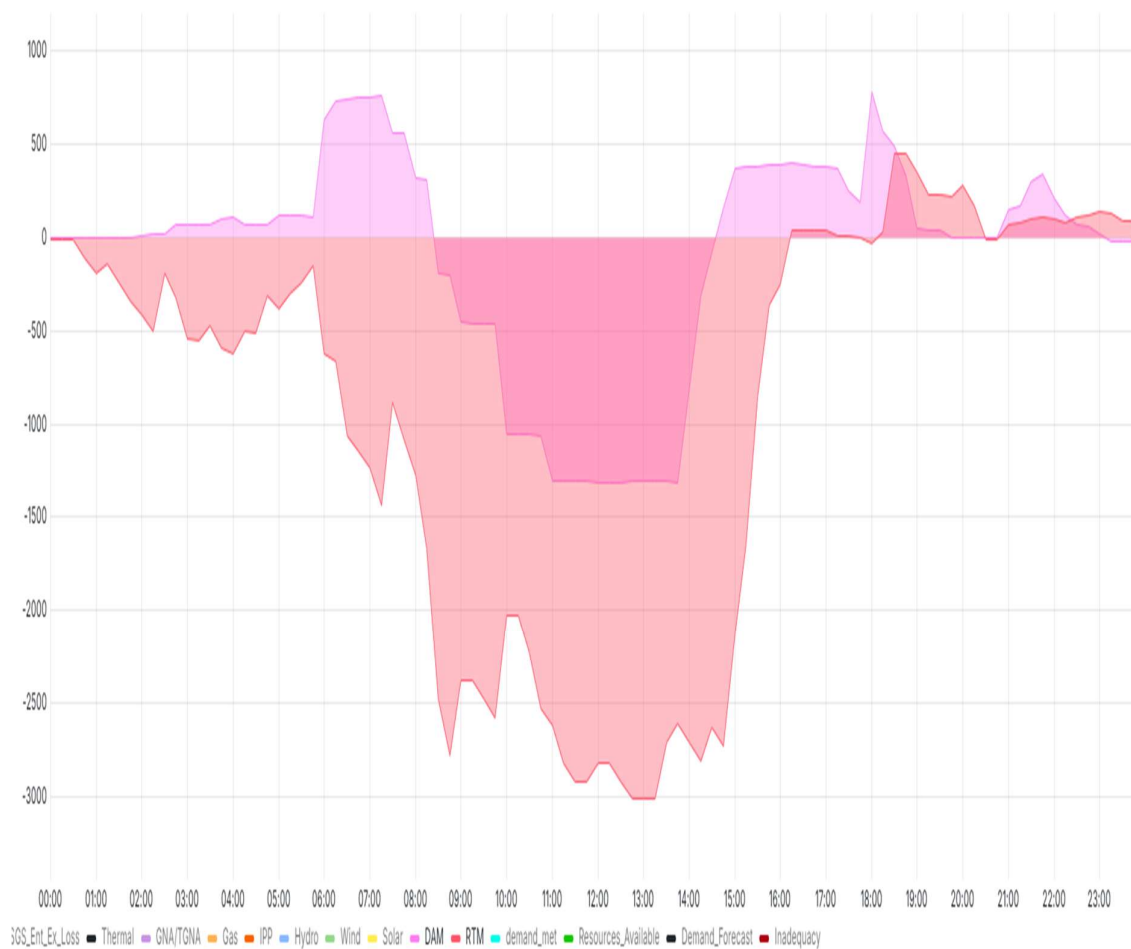
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru
4. CGM(SO), SRLDC, Bengaluru

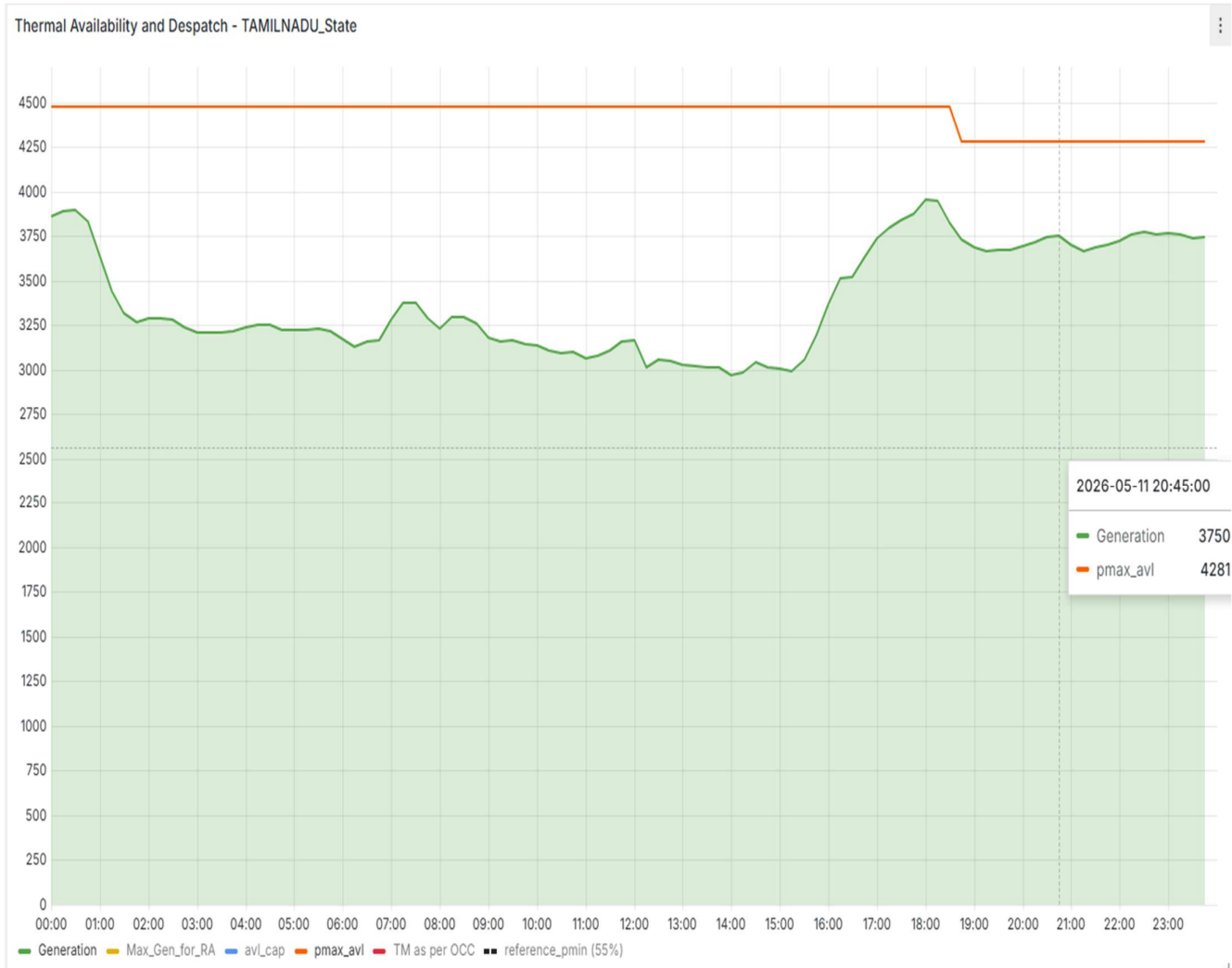
Annexure-1



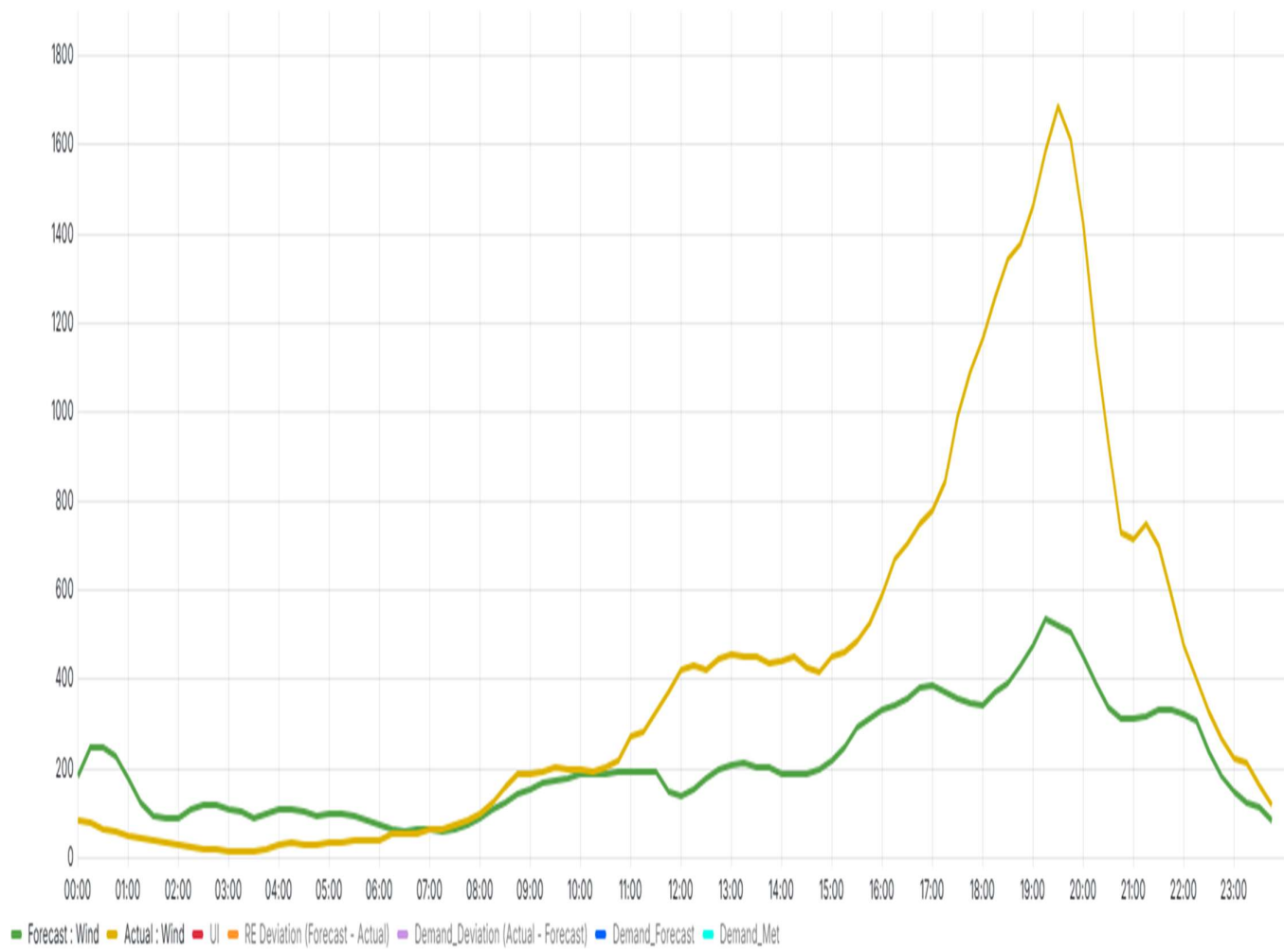
Annexure-2



Annexure-3



Annexure-4





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CIN : U40105DL2009GOI188682, Website : www.srlc.in, E-mail : srlc@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.

बी. जी. अन्डरस
14/05/2026

पंजीकृत कार्यालय : बी- 9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110016

Registered Office : B-9, 1st Floor, Qutab Institutional Area, Katwaria Sarai, New Delhi- 110016

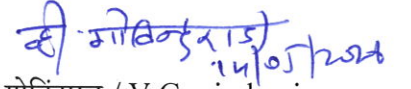
Website : www.grid-india.in

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)

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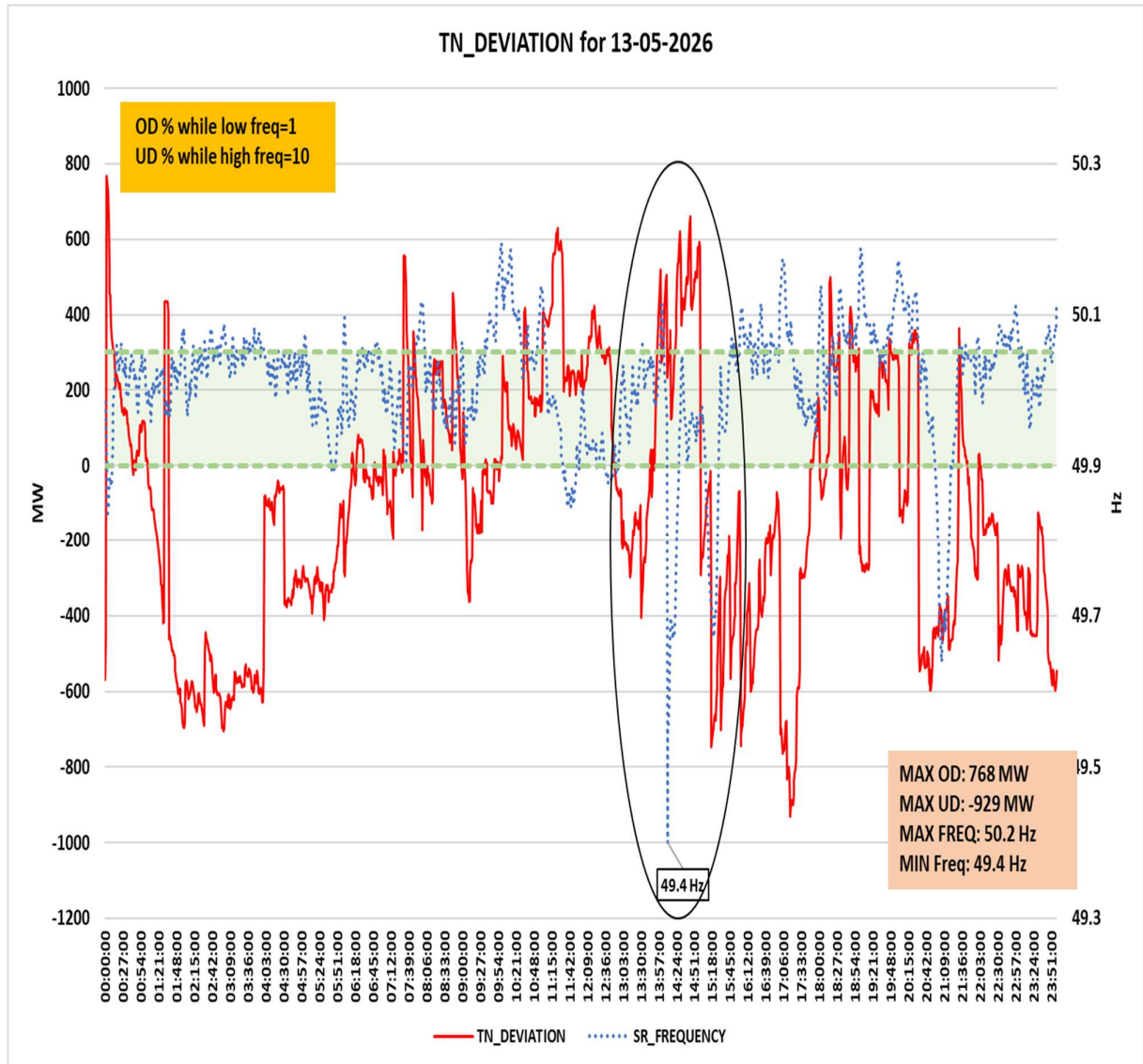
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Annexure-2 : Tamil Nadu DAM/RTM plot

Annexure-3 : Tamil Nadu Thermal availability and Despatch

Annexure-4 : Tamil Nadu Wind Forecast vs Actual generation

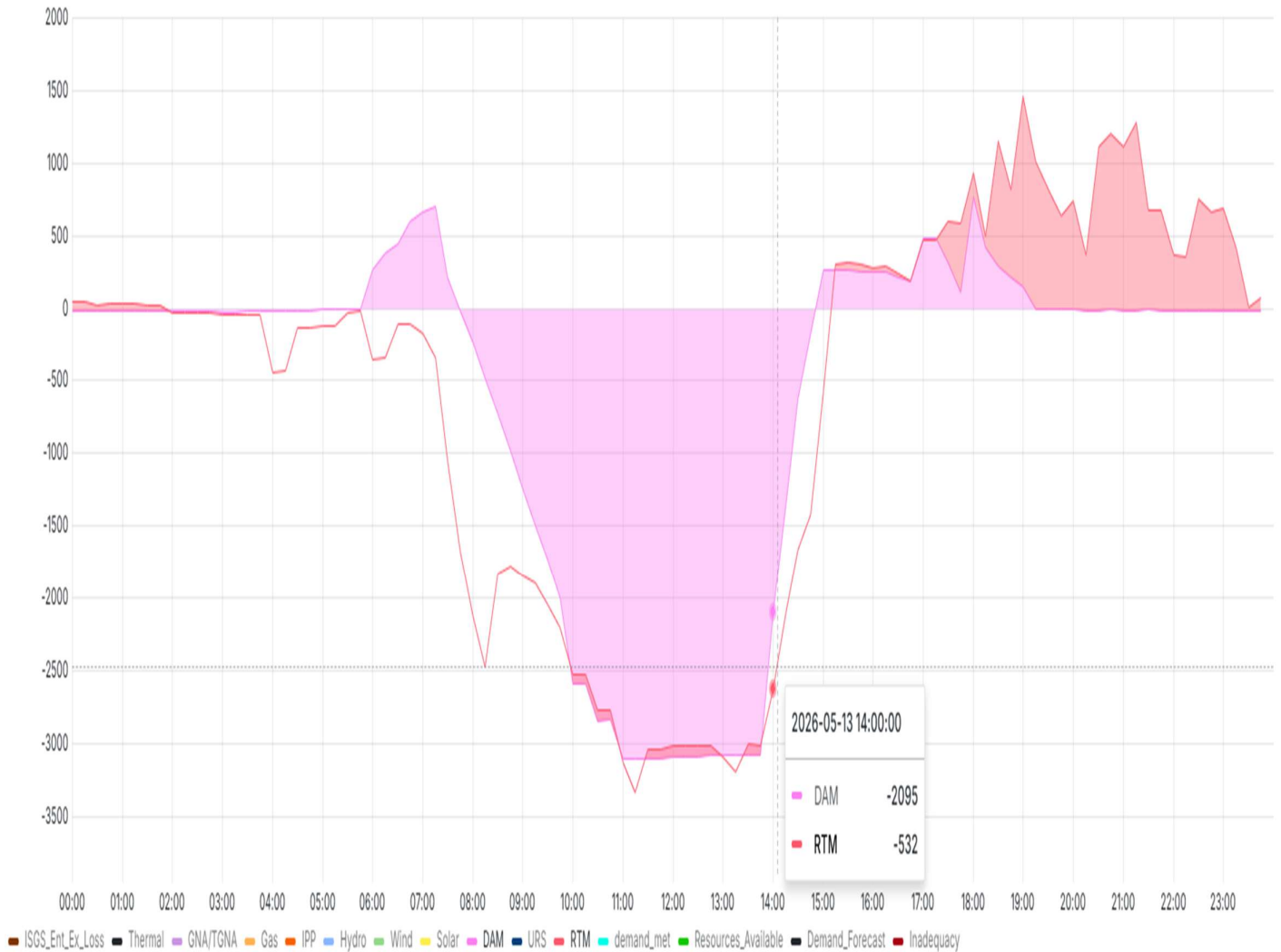
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2. ED, NLDC, New Delhi
3. ED, SRLDC, Bengaluru



Deviation vs Frequency for 13-05-2026

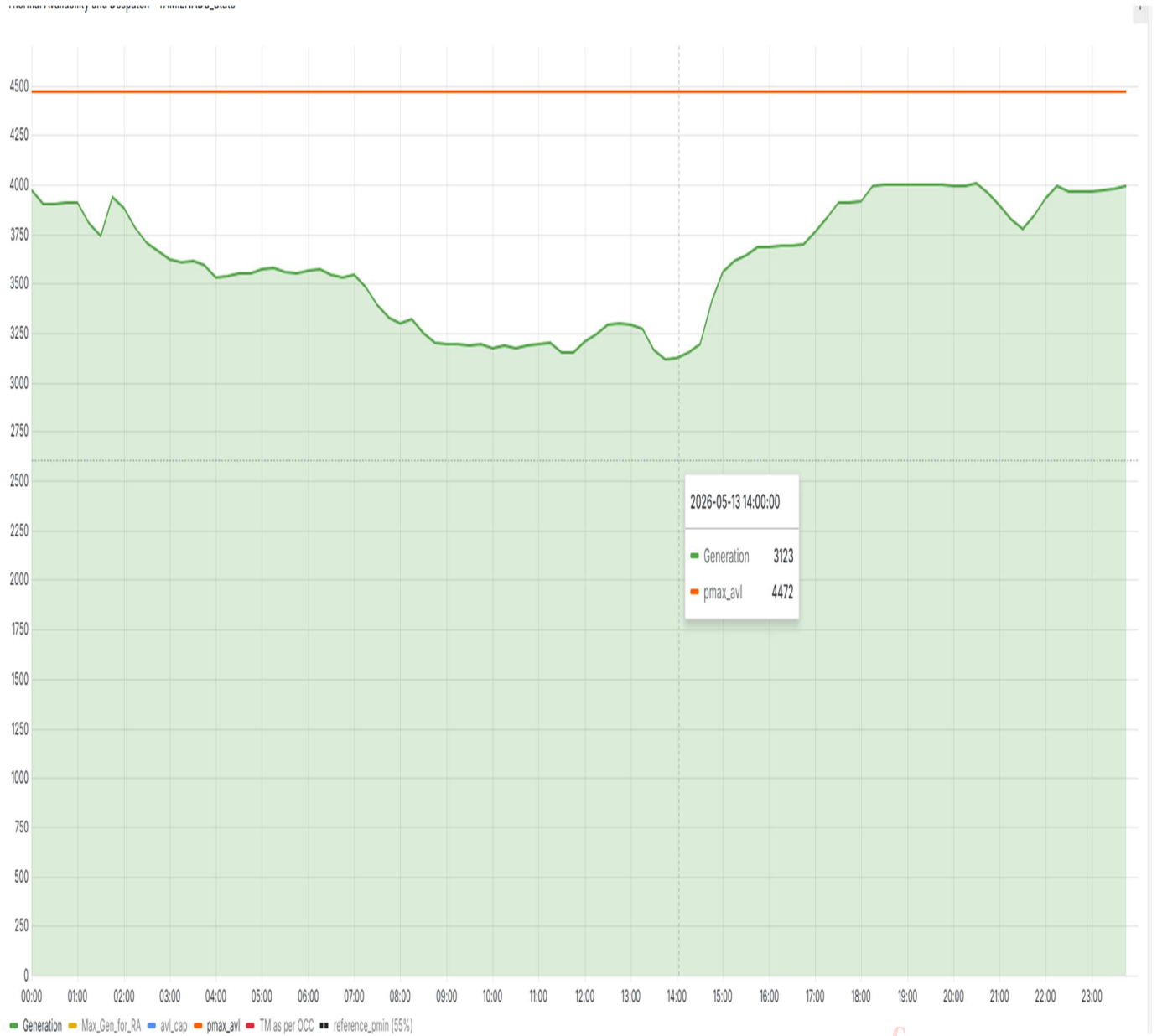
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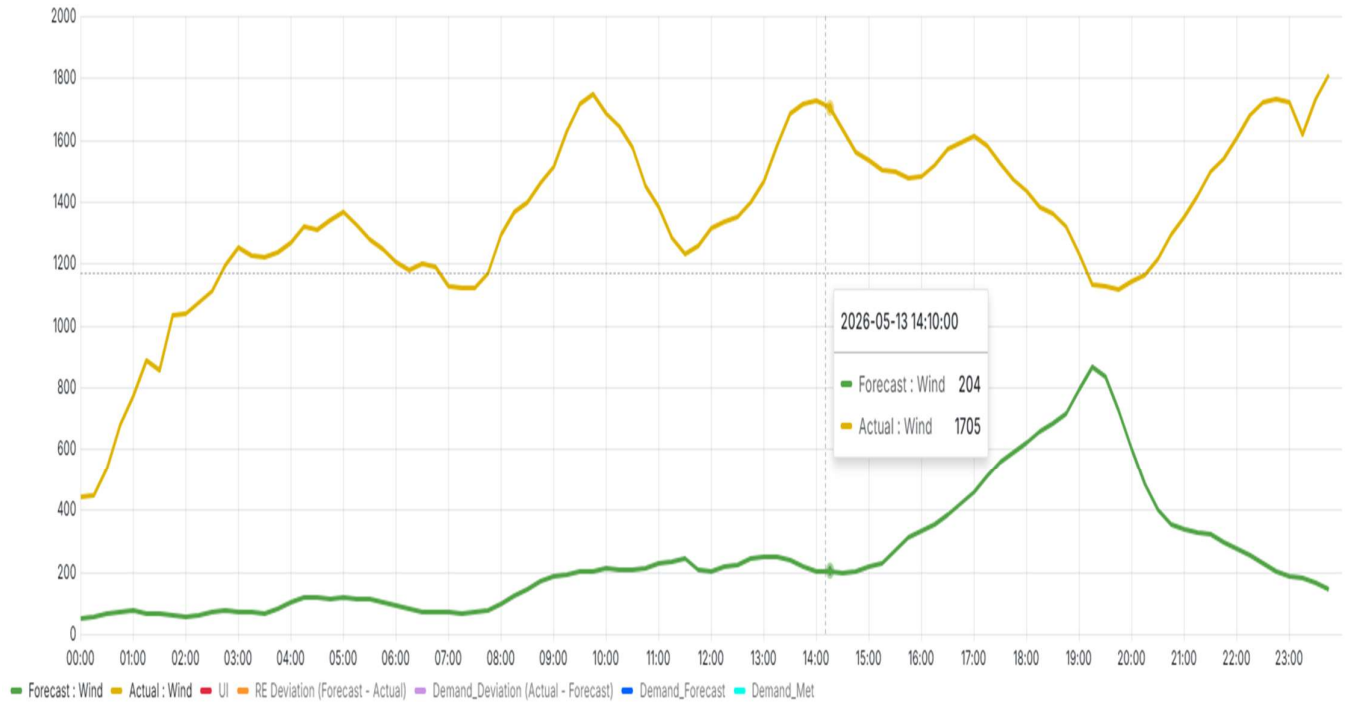
DAM and RTM plot of Tamil Nadu for 13-05-2026

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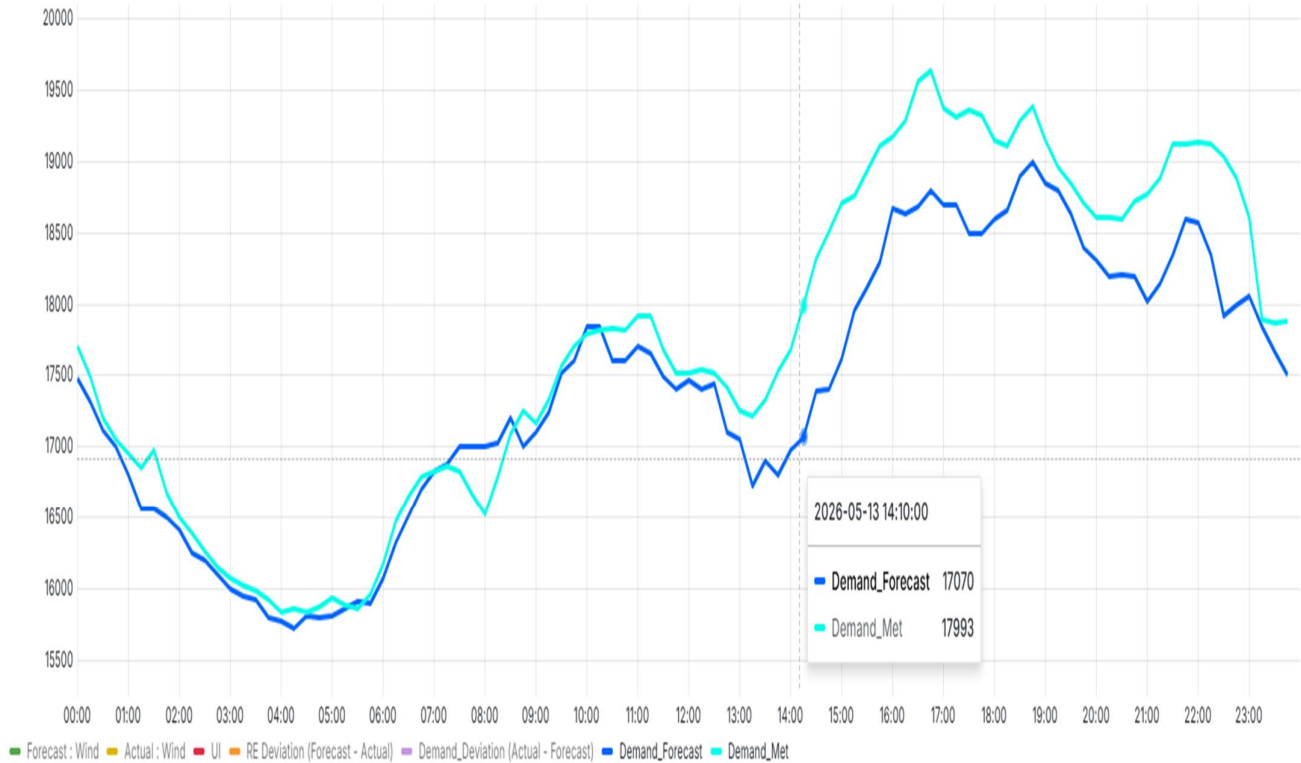


Thermal Dispatch and Availability

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Wind Forecast vs Actual Wind generation



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

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ग्रिड-इंडिया
GRID-INDIA

ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड
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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

बी. गोविन्दराज
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.

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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

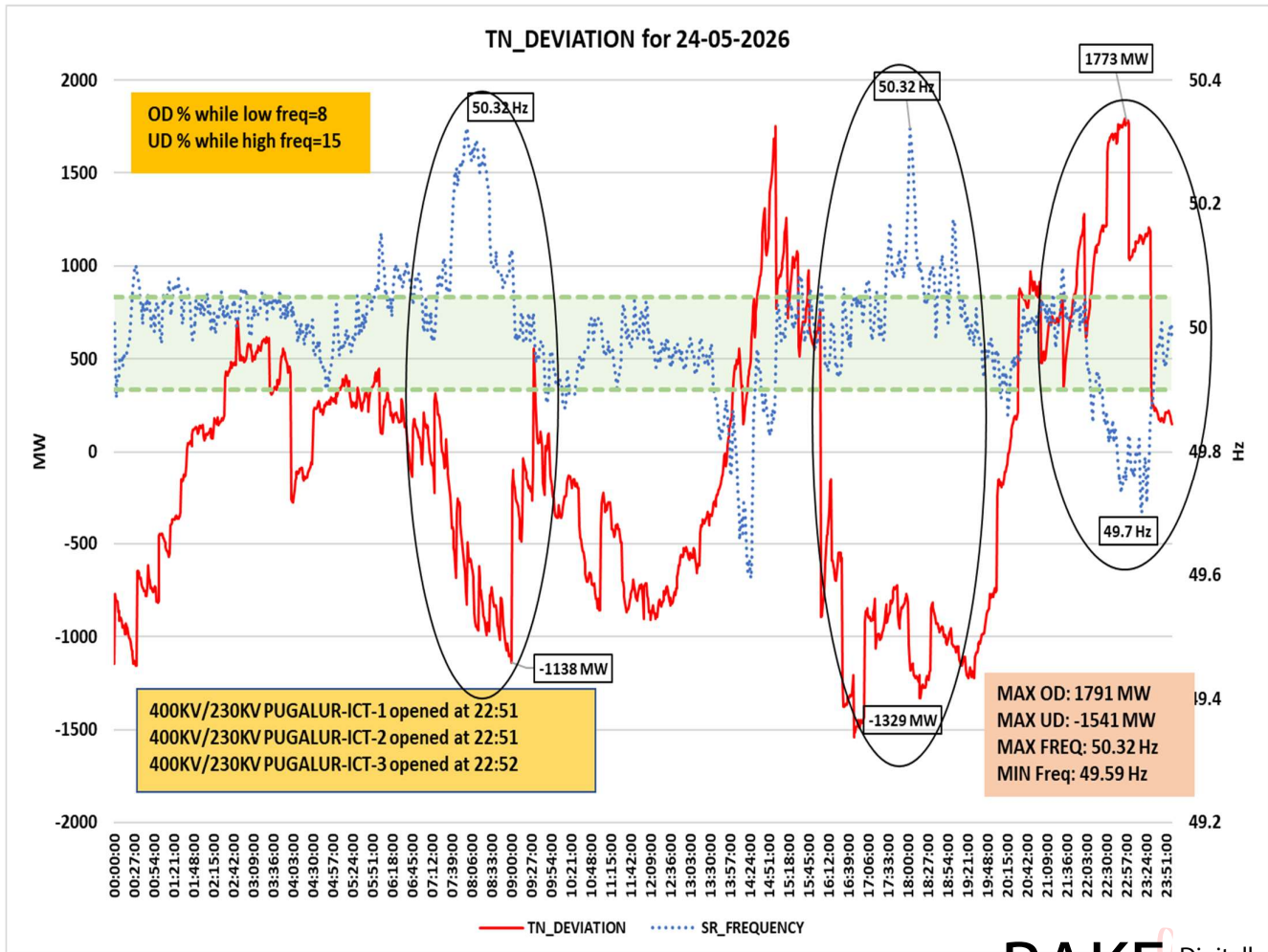
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Annexure-2 : Tamil Nadu DAM/RTM plot

Annexure-3 : Tamil Nadu Thermal availability and Despatch

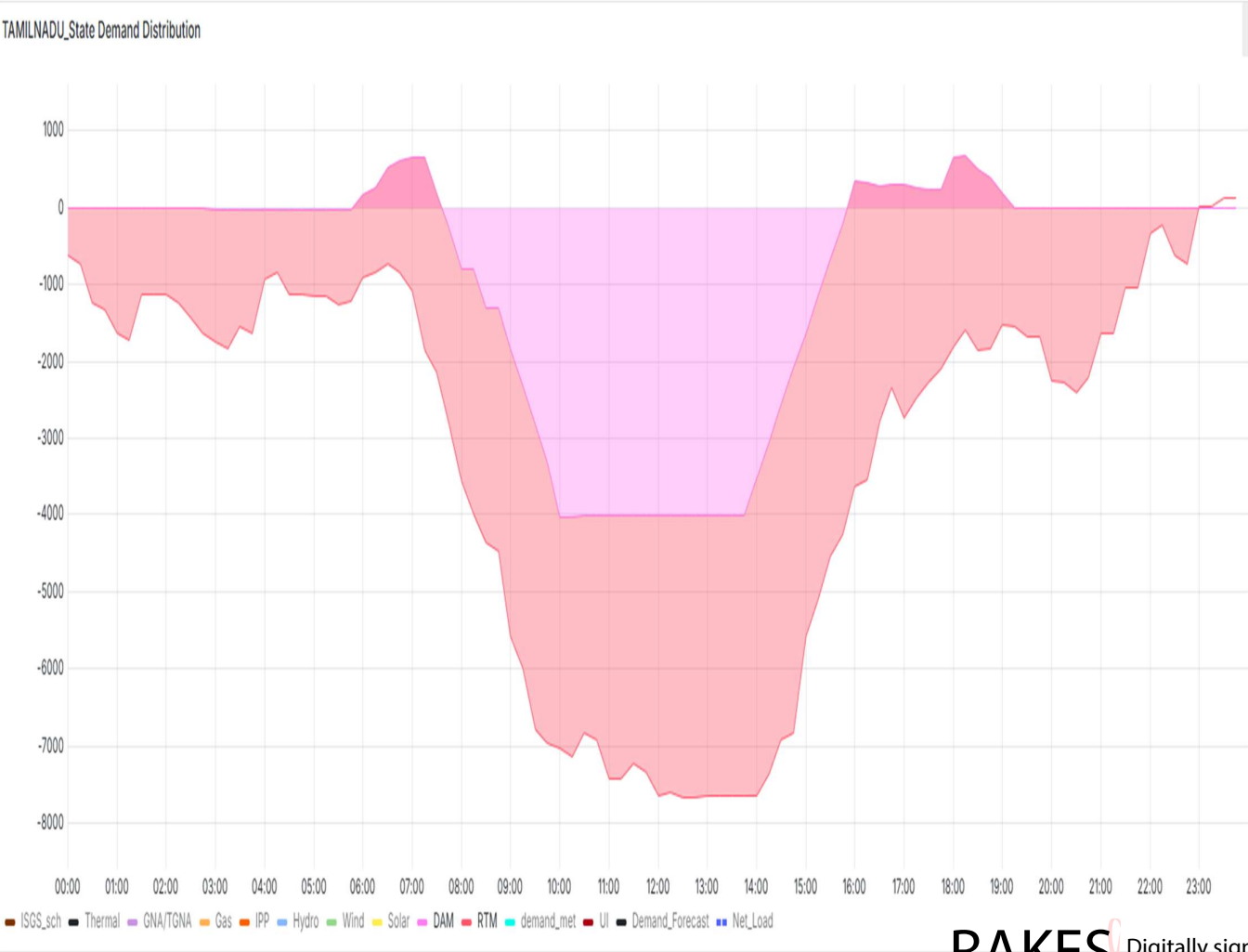
Annexure-4 : Tamil Nadu Wind Forecast vs Actual generation

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



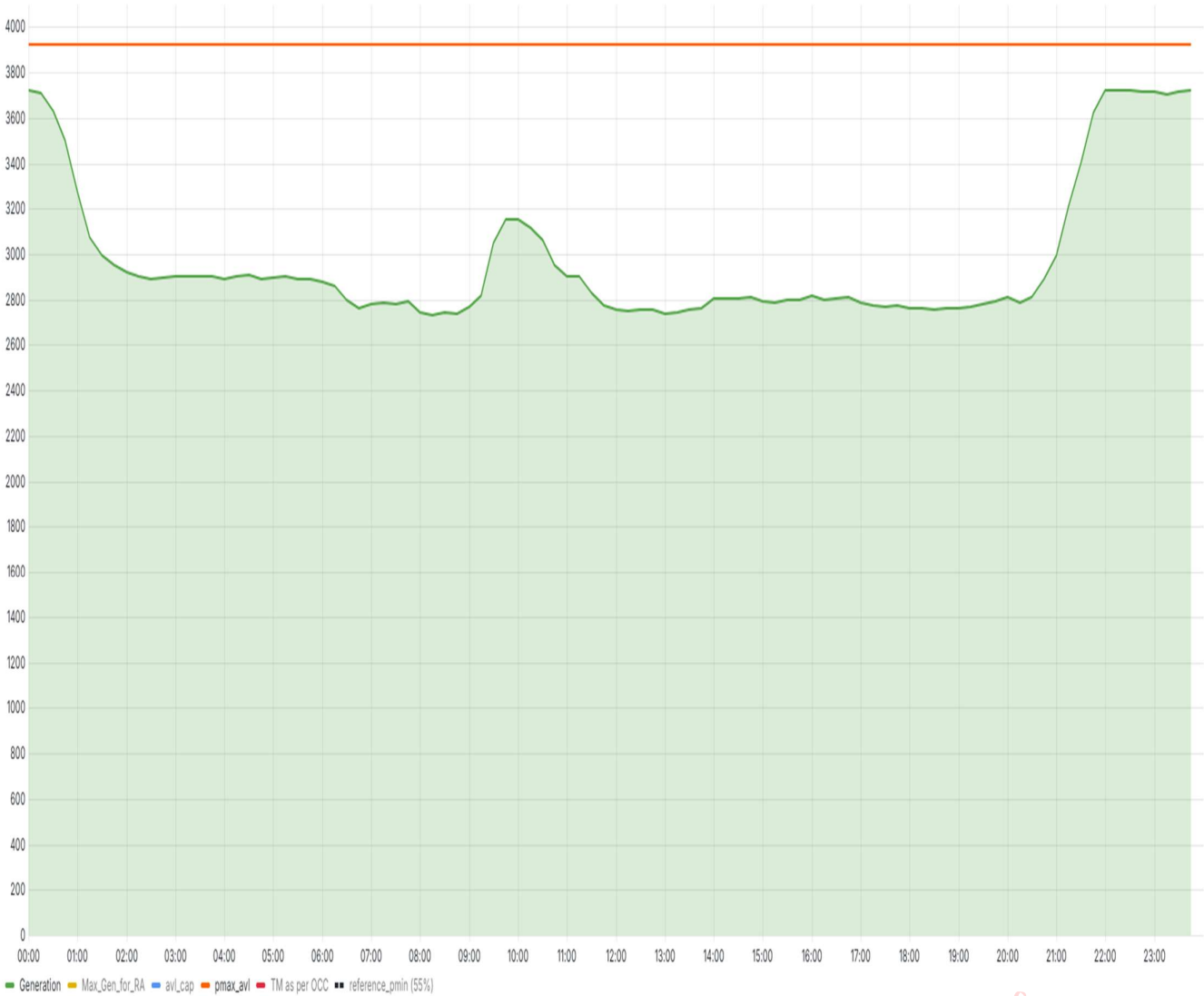
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Annexure-2

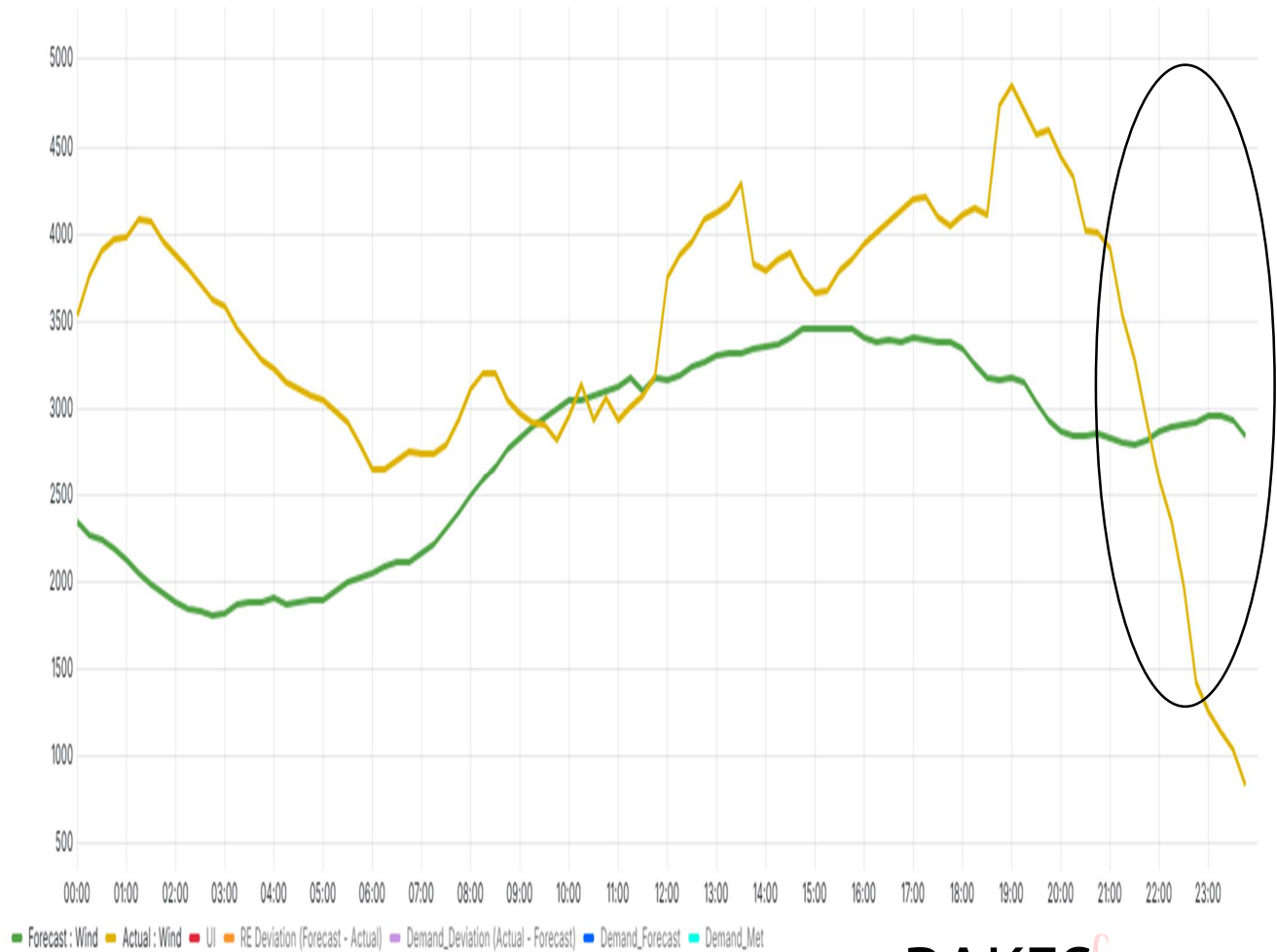


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Thermal Availability and Despatch - TAMILNADU_State



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