भारत सरकार / Government of India
विद्युत मंत्रालय / Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति / Eastern Regional Power Committee

सं /NO. ERPC/ TCC & ERPC /2026/ 536 दिनांक/DATE: 15.06.2026

To/सेवा में

As per list enclosed/ संलग्न सूची के अनुसार.

विषय : गंगटोक, सिक्किम में 25 मई 2026 और 26 मई 2026 को आयोजित 56वीं TCC और ERPC बैठक का विवरण।
Sub: Minutes of 56th TCC & ERPC Meeting held on 25th May 2026 & 26th May 2026 at Gangtok,Sikkim.

महोदय/ महोदया
Sir/Madam,

गंगटोक, सिक्किम में दिनांक 25.05.2026 और 26.05.2026 को आयोजित 56वीं TCC और ERPC बैठक का विवरण (मिनट्स) आपकी जानकारी के लिए इसके साथ संलग्न है। यह ERPC की वेबसाइट (**www.erpc.gov.in**) पर भी उपलब्ध है।

The minutes of **56th TCC & ERPC** Meeting held on 25.05.2026 & 26.05.2026 respectively at Gangtok,Sikkim is enclosed herewith for kind perusal. The same is also available at ERPC website (**www.erpc.gov.in**).

धन्यवाद /Thanking you,

आपका विश्वासी/Yours faithfully,

15/06/2026

(के.बी. जगताप)/K.B.Jagtap

सदस्य सचिव /Member Secretary

ERPC Members

1. **Chairperson ERPC & CMD, West Bengal State Electricity Distribution Company Ltd.,** Vidyut Bhavan, 7th Floor, Block-DJ, Sector-II, Bidhannagar, Kolkata-700091.
2. Managing Director, West Bengal State Electricity Transmission Company Ltd., Vidyut Bhavan, 8th Floor, Block- DJ, Sector-II, Bidhannagar, Kolkata-700091.
3. Chairman & Managing Director, West Bengal Power Development Corporation Ltd., Bidyut Unnayan Bhavan, 3/C, Block LA, Sector-III, Bidhannagar, Kolkata-700098.
4. Principal Chief Engineer-cum-Secretary, Energy & Power Department, Govt. of Sikkim, Kazi Road, Gangtok – 737101, Sikkim.
5. Member (GO&D), Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
6. Chairman, GRIDCO Ltd., Janpath, Bhubaneshwar-751022.
7. Chairman-cum-Managing Director, Odisha Power Transmission Corporation Ltd., Janpath, Bhubaneswar- 751022.
8. Chairman-cum-Managing Director, OHPC Ltd., Orissa State Police Housing & Welfare Corporation Bldg. Vanivihar, Janpath, Bhubaneswar- 751022.
9. Managing Director, OPGC Ltd., Zone-A, 7th Floor, Fortune Towers, Chandrasekharpur, Bhubaneswar-751023.
10. Chairman-cum-Managing Director, Jharkhand Urja Vikas Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
11. Chairman-cum-Managing Director, Jharkhand Urja Utpadan Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
12. Managing Director, Jharkhand Urja Sancharan Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
13. Managing Director, Jharkhand Bijli Vitaran Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi- 834004.
14. Managing Director, Tenughat Vidyut Nigam Ltd., Hinoo, Doranda, Ranchi – 834002
15. Chairman-cum- Managing Director, Bihar State Power Holding Company Ltd., Vidyut Bhavan, Bailey Road, Patna-800001.
16. Managing Director, Bihar State Power Transmission Company Limited, Vidyut Bhavan, Bailey Road, Patna- 800001.
17. Managing Director, North Bihar Power Distribution Company Limited, Vidyut Bhavan, Bailey Road, Patna- 800001.
18. Chairman, Damodar Valley Corporation, DVC Towers, VIP Road, Kolkata -700054.
19. Director (Finance), NTPC Ltd., Core-7, SCOPE Complex, Lodhi Road, New Delhi -110003.
20. Director (Technical), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana-121003.
21. Director (Operations), Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon-122001.
22. Executive Director, ERLDC, GRID-INDIA, 14 Golf Club Road, Tollygunge, Kolkata – 700033.
23. Director(SO), GRID-INDIA, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016
24. COO, CTUIL, Saudamini, 1st Floor, Plot-1, Sector-29, Gurgaon-122001
25. Director (C&O), PTC India Ltd., 2nd floor, NBCC Tower,15 Bhikaji Cama Place, New Delhi-110066.
26. Managing Director (Generation), CESC Ltd., CESC House, 1 Chowringhee Square, Kolkata-700001.
27. Chief Executive Officer, Maithon Power Ltd., Village-Dambhui, P.O. Barbindia, Dist.-Dhanbad, Jharkhand- 828205.
28. V.P (Plant Head), GMR Kamalanga Energy Ltd., AT/PO-Kamalanga, PS-Kantabania, Via-Meramundali, Dist.- Dhenkanal, Odisha-759121.
29. Chief Executive Officer, Jindal India Thermal Power Limited, Plot No-12, Sector-B1, Local Shopping Complex, Vasant Kunj, New Delhi-110070.

30. Managing Director, Sikkim Urja Limited, 2nd Floor, Vijaya Building, 17 Barakhamba Road, New Delhi- 110001.
31. CEO, BRBCL, Nabinagar, Dist- Aurangabad, Bihar-824303.
32. CEO, NTPC Vidyut Vyapar Nigam Ltd., Scope Complex, Core-5, 1st and 2nd Floor, Lodhi Road, New Delhi-110003.
33. Director, JSW (Utkal) Ltd., at-Sahajbahal, P.O-Charpali-Barpali, Via-Bandhabahal, Dist: Jharsuguda, Odisha-768211.
34. COO, East North Interconnection Co. Ltd. (Indi Grid), 101, Windsor, CST Raod, Santacurz East, Mumbai-400098. sanil.namboodiripad@indigrid.com.

TCC Members

1. **Chairperson TCC & Director (R&T), West Bengal State Electricity Distribution Company Ltd.,** Vidyut Bhavan, 7th Floor, Block- DJ, Sector-II, Bidhannagar, Kolkata-700091.
2. Director (Operations), West Bengal State Electricity Transmission Company Ltd., Vidyut Bhavan, 8th Floor, Block-DJ, Sector-II, Bidhannagar, Kolkata-700091.
3. Director (O&M), WBPDCL, Bidyut Unnayan Bhavan, 3C, Block-LA, Sector-III, Bidhannagar, Kolkata- 700098.
4. Principal Chief Engineer-II, Energy & Power Dept., Govt. of Sikkim, Kazi Road, Gangtok-737101.
5. Chief Engineer (GM), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
6. Managing Director, GRIDCO Ltd., Janpath, Bhubaneswar-751022.
7. Director (Operation), Odisha Power Transmission Corporation Ltd., Janpath, Bhubaneswar - 751022.
8. Director (Operation), Orissa Power Generation Corporation Ltd, Zone-A, 7th floor, Fortune Towers, Chandrasekharpur, Bhubaneswar-751023.
9. Director (Operation), Orissa Hydro Power Corporation Ltd, Orissa State Police Housing & Welfare Corporation Building, Vanivihar Chowk, Janpath, Bhubaneswar-751022.
10. Executive Director (Tech),, Jharkhand Urja Utpadan Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
11. Director (Project), Jharkhand Urja Sancharan Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi- 834004.
12. Chief Engineer (S&D-JBVNL), Jharkhand Urja Vikas Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
13. Chief Engineer (S&D), Jharkhand Bijli Vitaran Nigam Limited, Engineering Building, HEC, Dhurwa, Ranchi-834004.
14. General Manager, Tenughat TPS, Lalpania, Dist- Bokaro, Jharkhand-829149.
15. Chief Engineer (Commercial), Bihar State Power Holding Company Ltd., Vidyut Bhavan, Bailey Road, Patna-800001.
16. Director (Project), South Bihar Power Distribution Company Limited, Vidyut Bhavan, Bailey Road, Patna-800001.
17. Executive Director (Commercial), Damodar Valley Corporation, DVC Tower, VIP Road, Kolkata-700054.
18. Regional Executive Director (ER-I), NTPC Ltd., ER-I Head Quarter, Near Urja Auditorium, Shastri Nagar, Patna-800023.
19. Regional Executive Director (ER-II), NTPC Ltd., 3rd Floor, OLIC Building, Plot No.N-17/2, Nayapalli, Bhubaneswar-751012.
20. HOD (O&M), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad-121003, Haryana.
21. Executive Director (ER-I), Power Grid Corporation of India Ltd, Board Colony, Shastri Nagar, Patna- 800023.
22. Executive Director (ER-II), Power Grid Corporation of India Ltd, CF-17, Action Area-I, Newtown, Rajarhat, Near Axis Mall, Kolkata-700091.
23. Executive Director (Odisha Project), Power Grid Corporation of India Ltd, Plot No-4, Unit 41, Niladri Vihar, Chandrasekharpur, Bhubaneswar, Odisha-751021.
24. Executive Director, ERLDC, GRID-INDIA, 14 Golf Club Road, Kolkata –700 033.
25. Head, National Load Dispatch Center, GRID-INDIA, B-9 Qutab Institutional Area, Katwaria Sarai,New Delhi-110016.
26. COO, CTUIL, Saudamini, 1st Floor, Plot-1, Sector-29, Gurgaon-122001.
27. Director (Marketing), PTC India Ltd., NBCC Tower, 15 Bhikaji Cama Place, New Delhi-110066.
28. Vice President (System Operation), CESC Ltd, CESC House, 1 Chowringhee Square, Kolkata-700001.
29. Station Head & General Manager (O&M), Maithon Power Ltd., Village-Dambhui, P.O. Barbindia, Dist.- Dhanbad, Jharkhand-828205.

30. GM (Head-Electrical), GMR Kamalanga Energy Ltd., AT/PO-Kamalanga, PS-Kantabania, Via-Meramundali, Dist.- Dhenkanal, Odisha-759121.
31. Chief Operating Officer, Jindal India Power Limited, Plot No-12, Sector-B1, Local Shopping Complex, Vasant Kunj, New Delhi-110070.
32. Managing Director, Sikkim Urja Limited, 2nd Floor, Vijaya Building, 17 Barakhamba Road, New Delhi- 110001.
33. CEO, BRBCL, Nabinagar, Dist- Aurangabad, Bihar-824303.
34. Chief General Manager, NTPC Vidyut Vyapar Nigam Limited, SCOPE Complex, Core-3, 7th Floor, Lodhi Road, New Delhi-110003
35. Head Regulatory, East North Interconnection Co. Ltd. (Indi Grid), 101, Windsor, CST Raod, Santacurz East, Mumbai-400098. Alokendra.ranawat@indigrid.com
36. Director, JSW (Utkal) Ltd., at-Sahajbahal, P.O-Charpali-Barpali, Via-Bandhabahal, Dist: Jharsuguda, Odisha-768211

Non-Member Participants

1. Managing Director, DANS Energy Pvt Ltd, DLF Cyber City, Phase-II, Gurgaon – 122 002

2. Director, Shiga Energy Pvt. Ltd., 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002

3. Vice President, Greenko Energies Pvt. Ltd. Greenko Hub, 13, Hitech City, Madhapur, Hyderabad-500081. (For Sneha Kinetic PPL and GI Hydro Pvt. Ltd.)

4. CEO, Rongnichu HEP, MBPCL, Sikkim-737102.

5. Managing Director, Adhunik Power & Natural Resources Ltd., Lansdowne Towers, 5th Floor, 2/1A Sarat Bose Road, Kolkata-700020.

6. Senior Vice President, Sikkim Power Transmission Limited, New Delhi-110066

7. CEO, Alipurduar Transmission Limited, 101, Part-III, G.I.D.C Estate, Gandhinagar, Gujarat-382028.

8. Vice President, North Karanpura Trasnmission Ltd., Adani Corporate House, 3rd Floor, South Wing, Shantigram, SG Highway, Near Vasihnodevi Circle, Ahmedabad-382421.

9. CEO, SJVN Thermal Pvt Ltd, 169. Pataliputra Colony, Patna-800013

10. CEO, JSW Ind-Bharath Energy (Utkal) Ltd, Jharsguda, Odisha-768211

11. Managing Director (Generation), Haldia Energy Limited, 2A, Lord Sinha Road, First Floor, Kolkata - 700 071

12. Managing Director, India Power Corp. Ltd., Plot No. X1- 2 & 3, Block-EP, Sector – V, Salt Lake City, Kolkata – 700 091

13. CEO, Cross Boarder Power Transmission Limited, Ambience Mall Complex, Gurgaon, Haryana-122001

14. MD, Tata Steel UISL, Jamshedpur, Jharkhand-831001

15. The Head Power Transmission Darbhanga Motihari Transmission Co. Ltd. Essel Infraproject Ltd., 6th Floor, Plot No.19, Noida-201301, U.P.

16. Project Director-O&M/AM, Odisha Generation Ph-II Transmission Ltd., O&M Head office, Tulip-634, New Minal Residency, J.K.Road, Near Ayodha Bypass, Bhopal-462023, M.P.

17. Head (Asset Management/O&M), Purulia & Kharagpur Transmission Co. Ltd., Tulip-634, New Minal Residency, J.K.Road, Near Ayodhya Bypass, Bhopal-462023, M.P.

GOVERNMENT OF INDIA

MINISTRY OF POWER

Eastern Regional Power Committee

MINUTES

OF

56th TCC & ERPCMEETING

Date: 25th & 26th May, 2026

Time: 10:00 Hrs.

Gangtok, Sikkim

Contents

EASTERN REGIONAL POWER COMMITTEE

MINUTESOFTHE56thTCC &ERPC MEETING

Date: 25th&26th May 2026 Place:Gangtok,Sikkim

- *Meeting was convened physically at Mayfair Resort, Gangtok*
- *List of participants is attached at* ***Annexure-A.***
- *Host: DVC*

TCC meeting (25.06.2026)

- **In Chair: Shri Abdesh Kumar Singh, Director (Operation), BSPTCL**

Shri Sanjiv Srivastava, Executive Director (Commercial), DVC*, welcomed all Members of the Technical Coordination Committee and other participants to the 56th TCC & ERPC meeting in Gangtok, stressing the forum's commitment to reliable, affordable and sustainable power supply. He noted that India's power system is witnessing record peak demand of 270 GW and over 500 GW of installed capacity with rapid renewable and hydro growth, and highlighted the Eastern Region's key role through its coal and hydro fleet and inter-regional power flows. Emphasizing ERPC's importance as a cooperative platform to address grid stability, efficiency and resilience amid higher peaks, RE penetration and extreme weather, he also underlined Gangtok's suitability as a host city and its reminder that power sector decisions ultimately serve people and landscapes. He concluded by expressing confidence that the participants' expertise would help strengthen a reliable and sustainable power system for the Eastern Region and the country.*

Shri Surajit Banerjee, ED, ERLDC *welcomed members to the 56th TCC and ERPC meetings at Gangtok, explaining that the forum would review action on earlier decisions and take up new operational and regulatory issues for the regional grid. He cited record all-India peaks of 270.8 GW (solar) and 253.3 GW (evening), Eastern Region records of 34.875 GW and 750.7 MU, and new highs in constituent states, alongside a rising renewable share, to underline strong load growth. He briefly outlined key decarbonisation-oriented measures such as carbon credit regulations, REC reforms including Virtual PPAs, clearer cost recovery for battery storage and a proposal to shorten Real-Time Market gate closure. Noting that limited RE capacity in ER and heavy dependence on inter-regional flows are stressing Eastern Region corridors and causing congestion and low voltages at major load centres, he referred to recent near-miss events in Odisha and West Bengal as evidence of growing vulnerability, and sought TCC members' guidance for ensuring reliable, secure and economic grid operation in this evolving context.*

Shri K.B.Jagtap, Member Secretary, ERPC*, thereafter welcomed the Chairperson, TCC, all TCC Members, representatives from State Load DespatchCentres, generating companies, transmission utilities, Independent Power Producers and other stakeholders and emphasized the grid's growing criticality and close linkage with the national system. He noted major regional achievements such as the first-of-its-kind SCADA integration at DVC Kolkata by DVC and POWERGRID, commissioning of around 3,000 MW of new capacity in 2025–26 (including Buxar and Sagardighi units) and completion of Farakka–Kahalgaonckt-I reconductoring.He also acknowledged the support of CEA in granting permanent status to the interim arrangement of Subhasgram ICT. Stressing that thermal generation remains essential even as RE integration accelerates, he called for minimising backing down by strengthening transmission and tackling transmission, generation and cost issues holistically, and expressed confidence that deliberations on flexible thermal operation, UVLS and resource adequacy would produce tangible benefits for the Eastern Region. He thanked DVC CMD*

Shri S. Suresh Kumar, IAS and the DVC team for hosting and providing excellent arrangements for 56th TCC& ERPC and expressed confidence that the deliberations would yield constructive outcomes.

***Shri Abdesh Kumar Singh, Director (Operation), BSPTCL and Chairperson, TCC**, welcomed participants to the 56th TCC meeting and flagged three key agenda items: flexible operation of thermal stations, the regional ULDC-III project, and issues around scheduling and open access. He noted that high renewable integration and the must-run status of RE are stressing grid stability, requiring traditionally base-load thermal plants to operate flexibly, which poses design and cost challenges; remarking that DVC and West Bengal have already demonstrated operation down to 40% technical minimum, and CEA has proposed a compensation framework for such operation. He urged early completion of the long-delayed ULDC-III project, highlighting vendor-support risks, and called for careful handling of policy-driven changes in scheduling and open access. He concluded by expressing confidence that the Committee's strong technical expertise would help arrive at practical, beneficial solutions. He concluded his remarks with the hope that the deliberation during the meeting shall be fruitful and requested Member Secretary, ERPC, to proceed with the agenda items.*

ERPC meeting (26.06.2026)

✦ **<u>In Chair:</u> Shri Bikash Deokota, Secretary (Power), Government of Sikkim**

Member Secretary, ERPC*, at the outset, warmly welcomed all ERPC Members, TCC Members, Special Invitees and other participants to the 56th ERPC Meeting and thanked them for attending the meeting. He informed the forum that the present Chairperson, ERPC, Shri Ajay Yadav (IAS) (CMD, BSPHCL), could not be physically present due to his other urgent engagements and proposed Shri Bikash Deokota, Secretary (Power), Government of Sikkim to chair the meeting to which the forum agreed. He also thanked entire team of DVC for making nice arrangements for the meeting.*

Shri Swapnendu Kumar Panda, Member (Technical), DVC*, stated that he isproud to represent DVC and thanked ERPC for providing the opportunity to host the meeting. He described Sikkim as rich in hydro and renewables and praised ERPC's role in grid discipline and regional coordination. He informed that DVC planned to expand from 6,705 MW to over 15,000 MW with an investment above ₹70,000 crore in thermal, renewable and hydro projects, alongside major solar additions, renovation of old units, and modernization of transmission. He added that DVC was adopting advanced digital, SCADA and cyber-security systems and had undertaken extensive plantation and tree trans-location work. He highlighted serious delays in Eastern Region projects due to issues like land acquisition, stressed the need for timely execution and supporting infrastructure, and expressed confidence that these efforts would help India achieve its power-sector goals.*

Shri Hemant Kumar Jain, Member (GO&D), CEA *, thanked DVC for hosting the meeting and welcomed all participants, conveyed that the Central Government has appreciated the power sector's performance, and urged that this recognition be passed down to field staff and system operators; he stressed that system operation is a specialized function requiring a dedicated, well-trained and incentivized cadre in LDCs, called for holistic and continuously updated planning with realistic demand and resource-adequacy assessments, stronger demand-side response and careful handling of the increasingly critical March–September period and extended evening peaks (including flexible operation of thermal units down to about 55% while keeping them on bar, with system security prioritized over purely commercial considerations), emphasized the need for systematic manpower development even as AI is used only as a support tool, and concluded by urging that RPC forums resolve sectoral issues through dialogue rather than litigation, with mutual accommodation to arrive at practical, implementable solutions.*

Shri K.B. Jagtap, Member Secretary, ERPC, *welcomed all dignitaries and participants to the ERPC meeting. He informed that the previous day's TCC agenda had been fully deliberated and recommendations are now placed before the ERPC.He appreciated the active contributions, energy and enthusiasm of members in previous day's discussions and their suggestions. He emphasized that, despite everyone's busy schedules, it is important to meet periodically on this platform and not let meetings be spaced too far apart, because this forum is widely recognized by power utilities as the primary place to raise and resolve issues—including those of non-participating members—so that matters are settled amicably with consensus; he underlined that such a sector-wide mechanism does not exist elsewhere in the country and has proven very effective. He concluded briefly, saying that the current environment already captured the needed focus on integration and new initiatives, and thanked everyone before closing his remarks.*

Shri BikashDeokota, Secretary Power, Govt. of Sikkim,Chairperson of 56thERPC meeting*, welcomed all dignitaries and delegates to the 56th ERPC meeting in Gangtok, thanked DVC for organizing it, and expressed hope that the RPC would fruitfully build on the TCC discussions held*

the previous day. He warmly invited participants to enjoy Gangtok's current season—cool mornings, sunny days, full waterfalls nearby, and views of Kanchenjunga from in and around the town. Turning to Sikkim's power sector, he stated that the state has 1,134 MW of hydro capacity (reduced due to damage to the 1,200 MW Teesta-III project), plans to add 4,000 MW by 2030 including 100 MW of small hydro, meets a peak demand of about 145 MW for roughly 1.46 lakh consumers (domestic tariffs averaging below ₹3/unit), and supplies major loads such as pharmaceutical industries and quarries. He then highlighted a critical issue: the defunct 66 kV Ranipool/LLHP–Serathang line and damaged transformer at high altitude, explaining that, in its absence, the Chinese border area (Nathula sector) is fed through long, unreliable 11 kV lines of 35–36 km, forcing the Army to depend on kerosene heating and undermining both power reliability and OFC-based communication needed for defense, the Kailash Mansarovar Yatra route through Nathula, and upcoming cross-border trade from Serathang. He recalled that this concern had been raised in the last ERPC meeting and in a recent discussion with Power Grid and CTU, where it was agreed that the 132 kV system would be stepped down to 66 kV and that the necessary works to recommission the line would be taken up, with Power Grid assisting Sikkim in DPR preparation. He closed by referring to the Sikkim team's presentation the previous day, wishing everyone a productive ERPC meeting and a pleasant, memorable stay in Gangtok.

With the permission of the Chair, the agenda of the meeting was thereafter taken up for discussion.

PART-A: CONFIRMATION OF MINUTES

1. Confirmation of Minutes of 55thTCC&ERPC Meeting held on 16thto 17th December 2025 at Kalimpong, West Bengal

- The Minutes of 55th TCC &ERPC meeting held on 16.12.2025 &17.12.2025 at Kalimpong, West Bengal were circulated vide letter no. ERPC/ TCC & ERPC COMMITTEE/2026/1878 dated 07.01.2026.
- CTU vide email dated 14.01.2026 has proposed following modifications under Agenda B.8 :Proposal for Installation of OPGW & associated communication systems on the existing lines of ISTS and STU:

TSP	Timeline as per 'deliberation of TCC meeting' in 55th TCC/ERPC Minutes	Proposed Modification in Timeline
POWERGRID	30 months	**For Scope A.1 :** 30 months from the date of allocation. Note: Implementation schedule of OPGW installation on 400kV Varanasi – Biharsharif D/c shall be in the matching timeframe of Transmission Scheme "Transmission Scheme for Rajasthan REZ Ph-IV (Part-6: 6GW) (Bikaner Complex)" which consists of LILO of 400kV Varanasi – Biharsharif D/c at upcoming ISTS S/s Asana or 30 months, whichever is earlier.
POWERLINK	30 Months	No change
INDIGRID	34 months	**For scope A.3** : Matching time frame with NERES-XXV (part A)or 30 months from the date of allocation whichever is earlier. **For Scope A.4 :** 24 months from the date of allocation

Members may confirm the minutes of 55th TCC & ERPC meeting with the above modifications.

TCC Decision

TCC agreed with the modification and recommended to ERPC forum.

ERPC Decision

ERPC noted the decision of TCC and confirmed the MoM.

PART-B:ITEMS FOR DISCUSSION

1. Intrastate Transmission Network Assessment & Mitigation-Odisha:ERPC Secretariat

Reference:

- ☐ Implementation of the Under Voltage Load Shedding (UVLS) scheme in the Odisha system has been under review since the 231st, 232nd, 233rd, and 234th OCC Meetings held on 22.09.2025, 24.10.2025, 22.11.2025, and 23.12.2025 respectively.
- ☐ The matter was also discussed in the recently concluded 55th TCC/ERPC meeting held on 16.12.2025 and 17.12.2025 at Kalimpong, West Bengal. As per deliberation in 55th TCC Meeting, **300MW load** has been identified and it will be operationalized before **Summer '26**.
- ☐ The continued delay in implementation is posing increasing risks not only to the Odisha system but also to the Eastern Region as a whole during the forthcoming Summer-2026 period.

As per 238th OCC:

SLDC Odisha updated that the order for implementing UVLS will be placed to the same vendor as for ADMS, on nomination basis. But placing order on nomination basis calls for recommendation from any authorised government entity.

238thOCC Decision

- OCC opined that minutes of OCC meetings and previous ERPC meetings may be referred by OPTCL & SLDC Odisha for expediting the work and further implementation of UVLS scheme.
- OCC advised ERLDC to convene a special meeting involving all concerned stakeholders to expedite UVLS implementation in the intra-state network of Odisha.

Update (as per meeting on 30.04.2026):

- Director (Operation), OPTCL informed that implementation of the UVLS scheme in Odisha is being taken up on a fast-track basis as proposed in various OCC meetings. To expedite execution and avoid procedural delays, the scheme is being treated as a "top-up" or extension of the existing ADMS contract.

- He added that since SLDC Odisha has already implemented the ADMS system, the work of implementation of the UVLS scheme has been entrusted upon SLDC, being an extension of the ADMS project.
- SLDC Odisha and CGM, OPTCL confirmed that quotation for executing the UVLS scheme has been received from the existing ADMS implementing agency and are under review by the Telecom wing of OPTCL. Additionally, 31 feeders from TPCODL (Discom) and 23 feeders from TPNODL (Discom) have been identified under the scheme. The completion timeline targeted by June 2026.

As per 239thOCC:

Odisha representative updated:

The vendor of ADMS has been entrusted for implementation of the UVLS in Odisha system and the same will be operational by end of June 2026.

239thOCC Decision

- ✓ OCC expressed serious concern over inordinate delay in implementation of UVLS in Odisha system, especially amid demand surge in ongoing Summer that renders intra-state network of Odisha vulnerable to low voltage condition.
- ✓ OCC referred the matter to TCC for intimation.

Deliberation in 56thTCC meeting

OPTCL representatives were not present in the meeting. However, as per the information available with GRIDCO, they updated that400 MW load has been identified for UVLS scheme & the scheme will be implemented by June-2026.

During Deliberation ERLDC highlighted the transmission constraints in Odisha network and stated that the reconductoring of 400 kV OPGC-Lapanga-Meramundali section shall be completed as long-term solution to mitigate the transmission constraint issue in Odisha system.

Chief Engineer, CEA also pointed out that in transmission RA plan of Odisha, the reconductoring of intra-state lines will be completed by OPTCL in the timeframe of 2026-27. However, there is no progress in this regard. CTUIL also submitted the delay in strengthening of intra-state networks by OPTCL will result in ISTS system vulnerable in future.

TCC Decision:

Forum advised OPTCL to implement the UVLS scheme by June-2026 without any further delay.

OPTCL would submit a timeline for carrying out reconductoring of their intra-state networks as finalized in the resource adequacy plans.

Deliberation in 56th ERPC meeting

OPTCL officials were not present in the preceding (TCC) discussion.

ERLDC highlighted the urgency of early completion of this scheme for voltage stability of Bhubaneswar region.

ERPC Decision:

ERPC forum advised OPTCL to implement the UVLS scheme by June-2026 without any further delay. The forum also directed OPTCL to share the detailed work plan for reconductoring of intrastate transmission line with ERPC & ERLDC within two weeks.

2. **Status of DTL for Ind Barath TPP: ERPC Secretariat**

Due to delay in completion of DTL, presently Ind-Barath TPP is connected to ISTS through an interim arrangement viz. connection of one circuit of OPGC –Sundargarh 400 kV D/c ISTS line at suitable cross over point of IBEUL –Sundargarh(Jharsuguda) 400 kV D/c line so as to form OPGC – IndBarath –Sundargarh 400 kV S/c line.

Deliberation in 54th TCC

- ☐ JSW informed that the original proposal of 4 towers has been modified to one having 12 towers due to objections from MCL. The revised proposal has been agreed upon by MCL and is forwarded to Ministry of Coal for approval. Once approval will be granted, JSW has assured that the construction of the transmission line will be completed within 3 to 4 months. TCC Decision: TCC advised JSW for expediting the construction of the transmission line and has referred the matter to ERPC for information.
- ☐ Representative of JSWEUL stated that they are pursing with authorities of MCL & Ministry of Coal for approval of the revised proposal for diversion of the line with 12 new towers. Once

approval will be granted, the construction of the transmission line will be completed within 3 to 4 months.

- ☐ Director(SLDC), Odisha stated that nowhere in the country such type of LILO arrangement exists where a line connecting to an existing thermal power plant have been LILOed for power evacuation of another thermal power plant of capacity 700 MW. He further stated that though with the help of ERLDC they are managing the real time grid operation, but continuation of this arrangement poses threat to grid security & grid operation. He submitted that till completion of the DTL, JSWEUL shall run only one unit of their plant for secure operation of the grid.
- ☐ MS, ERPC informed that the matter is being continuously monitored by CEA/MoP, and a meeting in this regard is scheduled shortly under chairmanship of Chairperson, CEA.
- ☐ ERPC advised JSWEUL to expedite the process for getting approval from MCL and completion of the line construction work with shortest possible time.

As per 237th OCC:
It was informed that as per the decision taken in the meeting dated 30.12.2025 chaired by Chairperson CEA, the interim LILO arrangement may be continued upto 30th June 2026. However, JSWEUL shall endeavour to complete the work of DTL by May, 2026 on best efforts basis.

Deliberation in 56th TCC meeting

Representative of M/s JSWEUL was not present in the meeting.

Odisha representative informed that continuation of this LILO arrangement poses threat to grid stability and grid operation. He suggested that till completion of the DTL, JSWEUL should run only one unit of their plant for secure operation of the grid.

Representative of M/s Vedanta submitted that their Jharsuguda plant is always being advised by SLDC Odisha to lower the line loading and maximizing own generation to control the loading of 400 kV OPGC-Lapanga line due to injection by JSWEUL through the LILO circuit.

TCC Decision:

Forum opined that M/s JSWEUL needs to complete the DTL as per submitted timeline.

Deliberation in 56th ERPC meeting

M/s JSWEUL representative was not present. Representatives of Odisha and M/s Vedanta highlighted their concern to the forum.

ERPC Decision:

ERPC opined that M/s JSWEUL needs to complete the DTL at the earliest.

3. Status of ER ULDC Phase-III SCADA/EMS Upgradation Project (SCOD 18 months from date of LOA): Powergrid/ERLDC

POWERGRID is executing the Project for upgradation of Main and Backup SLDCs under implementation of ULDC Phase-III Project in Eastern Region. NOA is issued to M/s. GE Vernona T&D India Ltd. on **02.08.2024** for execution of this work.

Supply is completed for majority of control centers except WBSETCL control centers which are undergoing Functional & Integrated FAT with ERLDC System by Grid-India. Installation works are also completed at some of the sites and undergoing at the remaining sites based on site readiness by constituents.

Deliberation in 18thTeST meeting

Dynamic Security Assessment (DSA) module of the new SCADA system cannot be effectively utilized unless all other functional modules are fully implemented.

Powergrid informed during the ERPC meeting that the new SCADA/EMS system is targeted to be implemented by March 2026.

Regarding the state-wise status, Powergrid submitted that:

- State portion material had been supplied for both control centres of DVC, BSPTCL, JUSNL, and OPTCL, except WBPTCL and Sikkim.
- Functional FAT for WBPTCL was required to be conducted jointly with ERLDC, due to which the same has not yet been completed.
- For Sikkim, the main control centre material was expected to be supplied by January 2026.
- About 60% of the implementation work had been completed at the DVC backup control centre.
- 32 out of 54 RTUs had been integrated in DVC, and commissioning is targeted by March 2026.
- Backup centre installation activities had commenced in JUSNL, OPTCL, and BSPTCL.

POWERGRID further informed that the SCADA system in all ER states was expected to be ready by **March 2026**, independent of the integration activities with ERLDC.

18thTeST Decision

In view of the gravity of the matter, TeST committee has proposed a physical meeting on the progress of upgradation of SCADA/ EMS in ER under ULDC phase III on 13/01/2026.

Latest Update:

NOA Start Date: 02.08.2024

NOA Completion Date: 01.02.2026

IA Completion Date (CERC): 31.05.2026

Constituent	Date of Readiness of building & infrastructure by constituents	Supply Status	Installation Status	Commissioning Status
DVC (MCC)	Ready on 17.11.2025	Done	Done	Done. SAT in Progress
DVC (BCC)	Ready on 21.07.2025	Done	Done	Done. SAT in Progress.
JUSNL (MCC)	Ready on Nov-2025	Done	Done	In advance stage of completion. SAT started.
JUSNL (BCC)	Ready on Nov-2025 (Power supply issue)	Done	Done	Pending due to power supply issue.
OPTCL (MCC)	OPTCL confirmed site will be ready by 07.06.2026	Done	Pending	
OPTCL (BCC)	Ready on 31.07.2025	Done	Done	In Progress.

BSPTCL(MCC)	Partially ready.	Done		
BSPTCL (BCC)	Ready on Dec-2025. (LT panel on 29.03.26)	Done	Done	In Progress.
Sikkim (MCC)	Site not ready. Sikkim informed site readiness on 08.05.2026	Done	GE Team deployed. Work start on 08.05.2026	
Sikkim (BCC)	Location finalised on 26.02.2026.	Done	June-2026	
WBSETCL (MCC)	Partially ready on 10.03.2026. Air-conditioning & dust free environment required.	FAT done. Supply by 15.05.2026. Delay due to functional FAT with ERLDC.		
WBSETCL(BCC)	Site ready on 30.11.2025.	FAT in progress with ERLDC		

Support required for following issues:

❖ Delay in readiness of building and infrastructure by constituents:

BSPTCL: Request to make MCC ready with dust free environment.
JUSNL: Request to make power supply reliable by providing second input source at BCC.
OPTCL: Request to make MCC ready with dust free environment.
[Note: At Sikkim, WBSETCL and DVC, there was initial delay in readiness of building & infrastructure and finalization of location]
Except IT SAN all other design documents & FAT procedures has been approved by PGCIL. Functional & Integrated to be completed by 15th May 2026.

❖ Facilitation of ICCP Integration of SLDCs (New CC- GE) with existing ERLDC System:

DVC: Both Control center ready.
JUSNL, OPTCL, and BSPTCL: Work is in advance stage of completion progress and expected to be commissioned within 1-2 weeks.
ERLDC: Functional & Integrated FAT in progress. Based on present status, the expected supply, installation & commissioning may take around 3-4 months. Project time extension has been awarded till **August 2026**.
Considering the above, it is felt prudent for integration of new SLDC systems (GE) with existing ERLDC System (OSI) over ICCP for further testing and data validation. ERLDC may agree and facilitate in this regard.

19thTeST Deliberation:

ERPC enquired about the progress of the SCADA upgradation work in the Eastern region. M/S GE Vernova presented the updated progress status as given below:

ERLDC:

- ERLDC apprised the forum regarding the continuous delay in execution of the project and conflicts concerning allocation of responsibilities within the project implementation team. It was observed that ambiguity and misunderstanding regarding the scope of work at the time of project award have been the major reasons for the delay in project execution.

- ERLDC further emphasized that upgradation of the ERLDC system is required on priority for seamless integration with all entities and proper functioning of the overall system. Since the AMC of the existing system is not being renewed further, it is essential to execute the work in mission mode to ensure commissioning of the upgraded system before complete stoppage of the current system.
- POWERGRID and M/S GE Vernova expressed willingness to explore the possibility of establishing ICCP link connectivity with the existing ERLDC system till the ERLDC system upgradation is completed by GE.
- In this regard, ERLDC apprised that such an arrangement may lead a contractual deviation. However, feasibility of the same may be explored, ensuring that the existing system which is running without OEM support must remain operational without impacting real-time grid operation activities.
- It was informed that at the Backup Control Centre, NR-UPS is already commissioned, following which load shifting activities shall be carried out by 20th May 2026.. Subsequently, ER-UPS is targeted to be commissioned by 5th June 2026.
- The forum requested ERLDC to ensure site readiness at both Main Control Centre (MCC) and Backup Control Centre (BCC), before May 2026.
- M/S GE Vernova is directed to bring the system live by 31stAug, 2026 without further delay.
- M/S GE Vernova requested for timely payment may be provided so that the project execution can be completed within the stipulated timeline.

WBSLDC:

- M/S GE Vernova appraised the forum that the MCC system is dispatched on 11th May 2026 and must be arrived by 20th May, 2026 at the site.
- Installation & commissioning, ICCP integration with ERLDC, SAT are targeted to be finished by Aug, 2026.
- WBSLDC stressed to integrate weather forecasting API with newly upgraded system which was committed to be finished by Aug' 2026.
- It is also suggested to incorporate skilled software team along with residential team under AMC to the site for each state.

Sikkim: M/S GE Vernova updated that MCC will be functional by July, 2026 & BCC by Aug 2026, as work is in advanced stage without major challenges at present.

DVC: M/S GE Vernova informed that the MCC at Kolkata was inaugurated on 30th March 2026 and the complete handover is likely to be done by August 2026.

Bihar:

Bihar raised query regarding migration of historian data to the new system for smooth & efficient operation.

GE Vernova apprised that team is working on conversion tool which can translate old historian data from OSI to new SCADA system of GE. The work is in progress and shall be confirmed to all states and ERLDC within fortnight.

Odisha: raised queries about deployment of efficient skilled manpower at the site for expedition of the work. Further, availability of DG set at site shall also be ensured by end of May, 2026.

19thTeST Decision

The forum advised POWERGRID, M/S GE Vernova, and ERLDC to jointly examine the feasibility of the proposed arrangement and take necessary action in a coordinated manner without affecting real-time grid operations.
The forum further emphasized that no further extension shall be granted to M/S GE Vernova for completion of the project, as the execution is already significantly delayed beyond the stipulated timeline by around six months (half a year) and must be operational by 31st August, 2026.
M/S GE Vernova was advised to deploy adequate skilled manpower at site for faster execution of the work.

Deliberation in 56thTCC meeting

TCC raised serious concern over the inordinate delay in commissioning of SCADA at ERLDC and at SLDCs.

TCC Decision:

TCC Forum advised Powergrid to form SLDC wise and ERLDC working level group consisting of representatives from ERPC, Powergrid, M/s GE, ERLDC, concerned SLDC &Chemtrol for speedy implementation of the project and smooth transfer of data from old system to new system.

Forum suggested that the matter may be followed up in the forthcoming OCC meetings.

Deliberation in 56th ERPC meeting

Member GO&D highlighted the importance of ULDC-III for grid security and reliability.
MS, ERPC emphasized the early requirement of new SCADA system for all SLDCs/ERLDC as the AMC of existing SCADA system is going to expire soon.

ERPC Decision:

ERPC Forum advised Powergrid to form SLDC wise and ERLDC working level group consisting of representatives from ERPC, Powergrid, M/s GE, ERLDC, concerned SLDC & Chemtrol and ensure completion of new SCADA system before the expiry of the AMC of existing SCADA system and to submit the progress report to Member Secretary ERPC on weekly basis.

Further, Forum strongly recommended that M/s GE Vernova to ensure deployment of sufficient manpower at ERLDC and SLDCs for speedy completion of the SCADA system and smooth transition to new system.

4. A review of the Flue Gas Desulfurization (FGD) installation, in consultation with beneficiaries, is required for ongoing and operational Category 'C' thermal power projects of NTPC: GRIDCO

It is to mention that MoEF&CC has notified Environment (protection) Rules on 11.07.2025 wherein applicability of SO2 emission standards in thermal power plants has been revised based on their location/category. As per the above amendment, Sulphur dioxide emission standards shall not be applicable to all Category C thermal power plants subject to ensuring compliance of stack height criteria notified vide notification number GSR 742 (E) dated 30th August 1990.

As understood CEA vide letter dtd 20.08.2025 intimated all RPCs that the generating utilities would be required to review the FGD installation in consultation with Discoms at the ongoing

projects at Category C TPPs.

In the said letter, CEA referred a meeting that was held with GENCOs on 18.07.2025 and with vendors on 08.08.2025 with a request to RPCs to convene a special TCC/RPC meeting at the earliest and deliberate the matter and various proposals furnished by CEA.

Further, as per the minutes of the meeting Dtd 25.07.2025, the generating companies were advised to discuss various aspects with the beneficiary Discoms their willingness to have FGD installed and pay for the cost attributable to FGD (CAPEX+OP-EX) or stop the project and pay the fixed cost (CAPEX) incurred so far.

In this regard this is to be mentioned that, Darlipalli STPS of NTPC is coming under category 'C' as per MOEF Notification dtd 11.07.2025. FGD has been already installed and commissioned from 01.07.2024 for unit#2 and 27.01.2025 for unit#1.

NTPC has been raising bills approx. 1.5 Crs/month to 1.8 Crs/month towards secondary energy charges (OP-EX) as Odisha has 50% allocation from the said project. Hence, GRIDCO vide letter dtd 02.09.2025 requested NTPC for discontinuation of supplementary energy charge (ECS) towards FGD for Darlipalli STPS to which NTPC replied that "FGD system has been declared Commercial Operation in accordance with the provision of CERC Tariff Regulation 2019, and the bills of supplementary variable charges are also being raised accordingly to all the constituent beneficiaries of the station. The matter is being looked into by concerned statutory authorities and any decision and subsequent direction issued in such cases will be duly complied by NTPC."
In view of the exemption for Category 'C' TPPs from SO2, standards GRIDCO raises the following points for discussion:
1. Discontinuation of FGD Operation: NTPC is requested to stop the operation of the FGD system at Darlipali STPS, as it is no longer mandatory under the revised MoEF&CC notification.
2. Assessment and Financial Justification: NTPC should furnish the project-wise status of FGD implementation for all its generating stations in the Eastern Region. Furthermore, a detailed financial assessment must be conducted to compare the cost benefit of operating with FGD versus without FGD; ensuring beneficiaries are not burdened with unnecessary CAPEX and OP-EX.

As per 55th TCC Meeting

GRIDCO stated that NTPC must immediately discontinue the operation of the FGD system at Darlipalli STPS, in strict compliance with the MoEF&CC Environment (Protection) Rules dated 11.07.2025. Such unilateral operation of FGD by NTPC Darlipalli is imposing an unjustified financial burden on GRIDCO, amounting to approximately ₹1.5 crore to ₹1.8 crore per month towards operational expenses.
WBSEDCL agreed with the submission of GRIDCO and stated that NTPC should discontinue the operation of the FGD system at Darlipalli STPS.
NTPC submitted that the FGD system has been declared under Commercial Operation in accordance with the provisions of the CERC Tariff Regulations, 2019, and that continued operation of the FGD system is in compliance with the said Regulations.

55thTCC Decision

TCC noted that Darlipalli STPS falls under Category 'C' thermal power plant. As per latest categorisation of TPPs by MoEF&CC, the plants fall under category 'C" are not required to install FGDs. Further, as per the minutes of meeting held on 12.12.2025 chaired by Secretary, Power GoI, for TPPs which have already installed FGD, the future course may be mutually decided by respective stakeholders (**Annexure B.2.1.i**).
TCC advised NTPC to obtain consent of all beneficiaries for operation of the FGD system at

NTPC Darlipalli STPS at the earliest and the pros & cons of running the FGD may be analyzed at OCC forum.

As per 239thOCC:

GRIDCOsubmitted:

- Revised MoEF&CC notifications no longer mandate FGD operation for Category-C plants. Accordingly, discontinuation of FGD operation at Darlipali had been requested to NTPC.
- NTPC was also requested to furnish project-wise implementation status along financial comparison between operation with FGD and without FGD.

NTPC informed:

- Projects where FGD implementation had not yet started have already been stopped.
- Darlipalli FGD systems are already commissioned and operational:
  - Unit-1 commissioned on 27 January 2025
  - Unit-2 commissioned on 1 July 2024
- As per CEA guidelines, CAPEX recovery may continue, but OPEX recovery may not be applicable.

239thOCC Decision

OCC referred to TCC for further deliberation.

Deliberation in 56thTCC meeting

NTPC stated that the units where FGD has already been commissioned, not keeping the FGD operational might result in deterioration of the equipment.

WBSEDCL suggested that NTPC may run FGD on intermittent basis to prevent such an outcome and not burden the beneficiaries with higher OPEX that results due to continuous operation. The matter of aux consumption issue will be resolved by adopting suitable methodology.

TCC Decision:

TCC advised NTPC to adhere to the decision taken in the meeting held on 12.12.2025, chaired by Secretary, Power GoI, for TPPs which have already installed FGD, where it has directed that the future course may be mutually decided by respective stakeholders. TCC opined that the matter, being a national level issue, may be referred to NPC and referred the matter to ERPC for concurrence.

Deliberation in 56th ERPC meeting

GRIDCO emphasized that NTPC needs to discontinue the operation of the FGD system at Darlipalli STPS immediately, in strict compliance with the MoEF&CC Environment (Protection) Rules dated 11.07.2025. Such unilateral operation of FGD by NTPC Darlipalli is imposing an unjustified financial burden on GRIDCO and subsequently on consumers.

WBSEDCL agreed with the submission of GRIDCO and stated that NTPC should discontinue the operation of the FGD system at Darlipalli STPS. As an alternative measure, WBSEDCL suggested that FGD can be run intermittently to keep the FGD in serviceable condition. They also submitted that without any clear directives to run the FGD, the same may attract audit observations.

NTPC representative informed that keeping the FGD system idle for a prolonged period (6 months) might result in deterioration of the FGD components.

Member (GO&D), CEA opined that as CAPEX is already being paid by the constituents and since OPEX constitutes a relatively small portion of overall tariff, NTPC may be allowed to run the FGD as it helps in reduction of the pollution level in the nearby area of power plant and also keep the FGD in working condition.

ERPC Decision:

ERPC forum suggested that NTPC should submit the cost-benefit analysis report of running the FGD by considering the sale of gypsum to ERPC Secretariat by 30th June, 2026 and the matter will be deliberated in sub-committee meeting of ERPC for taking the further course of action.

5. Upgradation of 66/11kV AIS to Indoor 66/11kV GIS at Serathang along with installation of 66/11kV 2*10MVA Transformers to fulfil N-1 contingency at Serathang SS, Restoration of 66kV S/C LLHP_Serathang transmission line and Bay extension at 66/11kV LLHP Substation: SIKKIM

Sikkim Power Dept. has submitted the following:

1*5MVA 66/11kV Serathang SS was commissioned in the year 2017. Serathang SS was fed from 132/66kV Gangtok SS under PGCIL. The length of 66kV S/C TL is 45KM. Few 66kV towers along with conductors and insulators have been damaged at Tsomgo, Nandok and Bhusuk area. Also, loading of Gangtok district has increased in the past few years. Therefore, Serathang line was diverted to LLHP Substation.

Currently, Serathang SS is fed from 11kV supply from 66/11kV Bulbulay SS. The length of 11kV line is around 35KM.

Due to heavy snowfall at Serathang area, the outdoor 66/11kV equipments and transformer submerge in snow nearly 06 months in a year. Also, current peak load of Serathang area is about 3MW. There are many upcoming tourism and defence developments in the area. The projected loading by 2030 is 7-8MW.

The proposal is regarding up-gradation of 66/11kV AIS to Indoor 66/11kV GIS at Serathang for protection and safety of equipments due to snow submerge along with installation of 66/11kV 2*10MVA Transformer to fulfil N-1 contingency at Serathang SS, Restoration of 66kV LLHP_Serathang transmission line and Bay extension at 66/11kV LLHP Substation.

The project details including estimate shall be shared in the TCC meeting.

Deliberation in 56th TCC meeting

*Sikkim gave a brief presentation regarding requirement of the upgradation of the Serathang S/s. (**Annexure B.2.5**)*

TCC Decision:

Being strategically important, TCC in principally agreed with the proposal of the Sikkim. However, Sikkim has to submit the proposal in detail to CEA for their consideration, study and further necessary action.

Deliberation in 56th ERPC meeting

Secretary Power, Govt. of Sikkim emphasized the importance of this line for ensuring reliable

power supply to the Nathula-Serathang border area as well as for pilgrimage to Kailash Mansarovar.

He further requested that considering the importance of this transmission scheme, the funding may be provided under ongoing schemes by center.

ERPC Decision:
The forum agreed with the proposal of Sikkim and advised Sikkim to send the detailed scheme to CEA for further consideration at the earliest. Further, Sikkim may request MoP to consider for inclusion of this transmission scheme in ongoing comprehensive scheme for Arunachal and Sikkim for implementation.

6. Diversion of RPC approved Spare Transformers and Reactors to the constituents / State Transmission Utilities: ERPC

- ☐ **Chairperson, CEA/NPC** opined that private Transmission Service Providers (TSPs) may be considered for diversion of RPC approved spare transformers and reactors on a case-to-case basis, subject to discussion in the respective Regional Power Committee (RPC) forum.
- ☐ **Chairperson, CEA/NPC** further suggested that a suitable mechanism for periodic rotation/usage of spare transformers and reactors within the utility or among the constituents / State Transmission Utilities (STUs) may be explored. This would ensure that spare transformers and reactors do not remain unused for prolonged periods and become too old without operational utilization.
- ☐ It was suggested that all RPCs may review the existing Standard Operating Procedures (SOPs) prepared by SRPC (attached at **Annexure-B.2.3**) and NRPC (attached at **Annexure-B.2.3**) in their respective forums, obtain comments from stakeholders, and submit their suggestions. The matter may thereafter be deliberated in the Operation Sub-Group of the NPC for finalization of a uniform SOP at the national level.

As per 17th NPC decision:

- ➢ All RPCs to explore a suitable mechanism for periodic rotation/usage of spare transformers and reactors within the utility or among the constituents / State Transmission Utilities (STUs) and also examine the inclusion of Private Transmission Service Providers in the scheme. All RPCs may also review the existing Standard Operating Procedures (SOPs) prepared by SRPC and NRPC in their respective RPC forums.

239thOCC Deliberations

Powergrid informed that:

- ➢ NPC has also sought views regarding inclusion of private transmission licensees within the mechanism.
- ➢ Spare transformers have already been diverted earlier to utilities such as DVC and West Bengal under existing arrangements.

239thOCC Decision

- OCC noted that NPC had earlier directed all RPCs to develop mechanisms for periodic rotation and utilisation of spare transformers and reactors wherein the SOP of Northern Region was referred to as a model mechanism. The proposed SOP includes the following penalty clause:

"In event of delay in return or replacement of spare equipment beyond the agreed time period, maximum 24 months from diversion date, a penalty of 15% of approved tariff for the diverted equipment will be imposed on the borrower for the duration of deployment. RPC may allow extension up to 12 months in genuine cases."

- All constituents shall review the SOP(**Annex B.2.3**) as approved in NPC and submit comments within one week. Stakeholders shall specifically provide comments on the proposed 15% penalty clause w.r.t applicability of the penalty clause and utilisation of collected penalty amounts, i.e whether penalty amounts would accrue to Powergrid, pool account, or any separate reliability fund.
- OCC referred to TCC for further deliberation.

TCC Decision:

Forum suggested all the utilities to submit their comments regarding the diversion of spares as well as the penal provision to ERPC secretariat at the earliest so that the matter may be deliberated in the next NPC.

Deliberation in 56th ERPC meeting

WBSLDC suggested that the penalty may be levied after duration of 36 months as procurement of new ICTs is taking around 3 years.
Further, representative of Powergrid suggested that penalty of 15% of approved tariff may be adjusted in the procurement of new spare ICTs & reactors.

Member Secretary stated that the spare available in the regional pool should be used in case of exigency and the state should maintain their spare as per extant norms of CEA/CERC.

ERPC Decision:

After detailed deliberation, Forum decided that all the concerned utilities will submit their inputs on draft SOPs to ERPC secretariat by 30th June, 2026.The input of ERPC based on the feedbacks received from concerned stakeholders will be submitted in the forthcoming NPC.

7. Regional Cyber Security Coordination Forums: ERPC

Under the Information Technology Act, 2000 and provisions of the Indian Electricity Grid Code, 2023, Sectoral CERTs have been designated to establish coordination forums for addressing cyber security issues and facilitating information sharing among utilities. Ministry of Power has notified sectoral CERTs for thermal, hydro, transmission, distribution, grid operation, and renewable energy.
The cyber security coordination forum in Grid Operation is functional. However, the cyber security forum has not been formed for Thermal, Hydro & Transmission Sectors.

In 17th NPC meeting held on 27 February 2026, it was advised that All RPCs should sensitize the matter in their respective RPC forums and encourage active participation of all utilities at both headquarters and field levels to enhance awareness and preparedness regarding cyber security issues. **(Annexure B.2.8)**
NPC advised DP&T Division, CEA to formulate Central and Regional Cyber Security Coordination Forum for all DISCOMs as per IEGC Regulation 2023.

As per 19thTeST:

- MS, ERPC sensitized the forum regarding the nodal of existing sectoral cyber security forums, such as POWERGRID for Transmission, NHPC for Hydro, GRID INDIA for Grid Operation, and NTPC for Thermal, and requested them to participate actively in their respective forums on regular basis.

19thTeST Decision:

The forum advised the matter may be referred to TCC for further sensitisation at higher level.

Deliberation in 56thTCC meeting

Member Secretary explained the necessity of Cyber security in the current scenario and described about the vulnerabilities of Power Sector from Cyber-attacks. He requested all members to take up this matter on priority.

Representative of ERLDC stated their there is major manpower shortage working dedicatedly for cyber security. Cyber Security related dedicated fund will be granted only if the dedicated cyber security team is there.

Powergrid informed that they are also holding cyber security meetings regularly.NTPC and NHPC will form cyber security forum for thermal and hydro plants respectively.DVC, WB and Sikkim informed that they have taken PSDF approval for establishment of Security Operation Centre (SOC) and work will be awarded after receipt of funds.

TCC Decision:

The forum requested the entities to create dedicated cyber security teams and requested ERPC/ ERLDC to follow up the matter on regular basis.

Deliberation in 56th ERPC meeting

MS, ERPC informed that at present only grid operation cyber security forum is operational.
He further requested Powergrid, NTPC and NHPC to regularly follow up regarding cyber security readiness for transmission, thermal and hydro sectors respectively.

ERPC Decision:

The forum suggested that regular meetings and follow ups maybe held by concerned nodal agencies i.e. ERLDC for grid operation, Powergrid for transmission sector, NHPC for hydro and NTPC for thermal sector. The forum also advised that all the cyber security fora will submit the quarterly report to ERPC.

8. Strengthening of cyber security posture of Communication network of Sikkim SLDC: ERLDC

Few numbers of RTU data (Guying 132 KV SS, Melli 132 KV SS, Melli 66KV SS, Ravangla 66KV, LLHP, Meyongchu, Kalez Khola, Rabomchu, Zydus I & II, CIPLA I & II, Macloed SS, URHP, Mamring 66 KV SS, Namchi 66 KV SS.) are reporting to Sikkim SLDC on public domain via GPRS. The said issue was discussed in various vide GO-ER-CSCF on 25.04.2025 and 14.07.2025 at Kolkata and in the meeting, forum requested to communication dept of ERLDC take up said issue with Sikkim SLDC.

Accordingly, ERLDC held virtual meeting with Sikkim SLDC on 13.08.2025. In the meeting Sikkim SLDC agreed to implement following measures for improvement of security posture of communication network in a phased manner.

1. Immediate Installation of Firewall between GPRS modem to Sikkim SCADA system on urgent basis.
2. Installation of Firewall at RTU sites which are reporting on public domain.
3. Gradual Shifting of said GPRS links to P2P (point -to -point) links from POWERTEL /BSNL
4. Installation of dedicated FO links by SLDC.

Deliberation in 18thTeST meeting

- Procurement of Firewall is under progress with another SOC project.
- PSDF has given approval for the project on 16th Dec'2025 and sanction order may be issued by end of January'2026.

18thTeST Decision

Subcommittee advised to expedite the implementation process for compliance of cyber security matter.

19thTeST Decision:

Due to absence of Sikkim representative in the meeting, the matter was not deliberated in the TeST meeting. Forum advised that the matter may be referred to TCC.

Deliberation in 56th TCC meeting

Sikkim informed that Work is already under approval stage and will be completed within 4 months.

TCC Decision:

TCC noted.

ERPC Decision:

The forum advised Sikkim to complete the work within the proposed timeline.

9. Claim of Ash Transportation Expenses by NTPC for 2024-26 with interest based on CERC (Terms and Conditions of Tariff), 2nd Amendment, 2026 dated 20.03.2026:GRIDCO

The letter from GRIDCO regarding ash transportation bill raised by NTPC is provided in **Annexure–B.2.16.**

As per 56th CCM meeting:

- ✓ Representative of GRIDCO raised their concern over abnormally high bills (Rs. 735,57,35,607 /- and Rs. 34,66,75,021 /-) raised by NTPC regarding ash transportation charges and related interest charges without any supporting documents. He submitted that the matter is sub-judice with Hon'ble CERC and there was no basis for the bill. He also raised the concern that since the bill is reflected in PRAAPTI portal, the issue be resolved quickly to avoid subsequent complications including power curtailment.
- ✓ Representative of West Bengal submitted that they are also facing similar issues.

- ✓ Representative of NTPC submitted that they were not prepared regarding the said agenda and sought time.
- ✓ Representative of ERLDC apprised that GRIDCO may approach PFCCL with supporting documents for resolving the PRAPTI Portal related issue.
- ✓ The forum referred the above issue to the 56th TCC meeting for their kind consideration and advice.

Deliberation in 56th TCC meeting

Representative of GRIDCO raised their concern over bills of Rs 800 Cr including interest component raised by NTPC regarding ash transportation charges. The bill was not duly submitted with supporting documents like auditor certificate, transportation contract done through competitive bidding etc. They also stated that as the bill was raised earlier NTPC should not levy interest on the same. He also raised the concern that since the bill is reflected in PRAAPTI portal, the issue be resolved quickly to avoid subsequent complications including power curtailment.

Representative of West Bengal submitted that they are also facing similar issues though they have made the payment under protest.

Representative of NTPC requested Odisha to make the payment under protest like other states and if required, they are ready to extend the instalment facility to Odisha for releasing the payment in 6 (six) instalments. All the necessary documents as sought by Odisha is available and requested them to visit the corporate office to verify the same.

Member Secretary advised NTPC to provide only the relevant portion of the supporting document to Odisha.

Subsequently, Odisha submitted that the matter is sub-judice with Hon'ble CERC. Payment only can be released after the judgement of CERC on the said issue and requested to extend the instalment facility for 24 months.

NTPC representative informed that if payment is not made now, subsequently it may attract penalty in the form of carrying cost as no stay has been granted on payment by the CERC.

TCC Decision

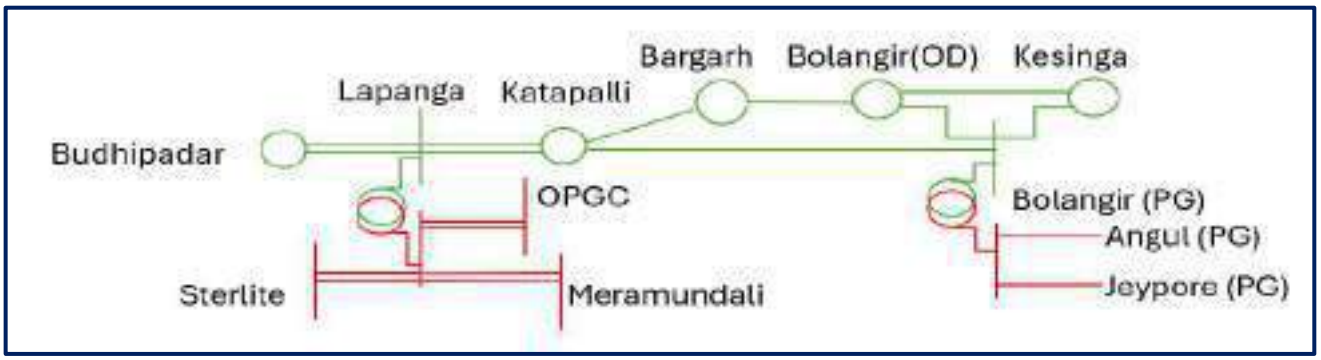
After detailed deliberation the Forum unanimously decided that since the matter is sub-judice, no decision could be arrived at this stage.

Deliberation and Decision in 56th ERPC meeting

Forum endorsed the views of TCC.

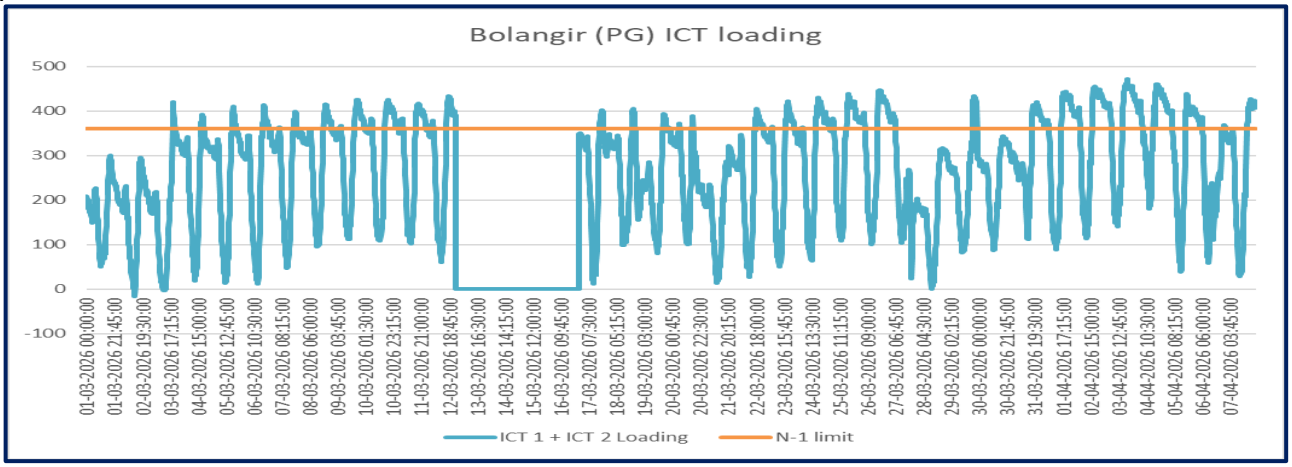
10. High loading and N-1 violation of 400/220kV ICTs at Bolangir (POWERGRID): ERLDC

Bolangir S/S is one of the major 400/200kV S/S in western Odisha catering load to Bolangir, Kesinga,Bargarh&Katapalli areas. In recent part, demand in this part of Odisha has increased significantly, which ultimately impacts the loading of ICTs of Bolangir. Supporting source of these areas is 220kV-Lapanga-Katapalli -D/C, which also operating at high loading mainly during summer period. ICT loading further increases with opening of 220 kV Katapalli-Bolangir(PG) and 220kV Katapalli-Bargarh lines to limit the loading of 220 kV Budhipadar-Lapanga D/c and 220 kV Lapanga-Katapalli D/c which are not N-1 compliant.



The matter was raised in 38th CMETS-ER meeting held on 27th December 2024 where in N-1 violation of ICT loading at Bolangir was deliberated. It was suggested that, in view of increasing trend of load in ICTs and future load growth, additional ICT may be installed at Bolangir as considerable time is required for approval, procurement and installation of ICT. In the meeting OPTCL stated that the present loading of Bolangir ICT is due to split operation of Lapanga – Katapalli – Bargarh – Bolangir 220kV corridor at Katapalli. They are in process of reconductoring of Lapanga – Katapalli 220kV section, after which the entire section would be operated in connected mode, thereby relieving the loading of Bolangir ICTs. It was decided to review the requirement of ICT augmentation in future as per system requirement / operational feedback.

The loading of ICTs at Bolangir are on higher side as observed in 2026 and violating N-1 loading limit of 360MW due to opening 220kV links from Katapalli as evident from the loading pattern presented below.



Deliberations in the meeting

ERLDC intimated:

- Bolangir (PG) is a critical node for power supply in Western Odisha, catering to areas including Bargarh, Katapalli, Sadheipalli and Kesinga with solar generation connected downstream at Kesinga.
- During non-solar period, the loading on the 220 kV Katapalli–Lapanga D/C line becomes significantly high. To manage this loading, the 220 kV Katapalli–Bolangir (PG) line and either the 220 kV Katapalli–Bargarh or 220 kV Bargarh–Sadheipalli intra-state lines are kept open. However, this operational arrangement results in increased loading on the ICTs at Bolangir, leading to violation of the N-1 security criteria.

OPTCL updated:

- Reconductoring of the 220 kV Katapalli–Lapanga D/C line along with closure of the 220 kV interconnection with Bolangir (PG) was planned earlier.
- But, the earlier tender could not be finalized and a fresh tender has since been floated on 13.04.2026.

OCC Decision

OCC advised OPTCL to expedite the reconductoring work of the 220 kV Lapanga–Katapalli line. It was also recommended that the issue may be taken up in forthcoming TCC/ERPC meeting

Deliberation in 56th TCC meeting

Representative of OPTCL was not present. However, CTU informed that they will hold a meeting shortly involving ERPC, ERLDC and OPTCL to resolve this issue.

TCC Decision:

TCC noted.

Deliberation in 56th ERPC meeting

Chief Engineer, CEA informed that upgradation of this line has already been approved under RA plan for 2026-27. Further, he also pointed out that in transmission RA plan of Odisha, the reconductoring of intra-state lines is to be completed by OPTCL in the timeframe of 2026-27. However, there is no progress in this regard. CTUIL also submitted the delay in strengthening of intra-state networks by OPTCL will result in ISTS system vulnerable in future.

ERPC Decision:

The forum advised OPTCL to plan the reconductoring of lines as proposed in the RA plan for 2026-27 at the earliest and submit a timeline of the same to ERPC secretariat.

11. Strengthening of last mile connectivity of Sikkim SLDC: ERLDC

In the last 16th Test meeting (and in the CPM meeting held in December 2024) issue of strengthening of Sikkim SLDC last mile connectivity was discussed due to very frequent failure of Gangtok to Sikkim SLDC link. In the said meeting Sikkim SLDC intimated that alternate FO link from Rangpo - Samardong – Dikchu Pool -Tadong - Sichey - Sikkim SLDC would be commissioned in three-month's time and existing FO link would be restored soon.

However, on 23.04.2025 complete ICCP and voice link was down due to damage of ADSS cable between Gangtok – Sikkim SLDC. The link was damaged due to heavy storms and Overhead ADSS needs replacement as per informed received from Sikkim officials. The alternate link was restored via Rangpo – Dikchu Pool - Samardong – Tadong - Sichey - Sikkim SLDC route on 9th May 2025. However, due to some technical configuration issues data was not reported and the same was subsequently restored on 11th May 2025, however due to landslide at Sichey Station, ICCP and voice link were again down.

Accordingly, a meeting had been held on 12.05.2025 (**Annexure B.2.9**) in virtual mode among ERPC, Sikkim SLDC, CTU, POWERGRID & Grid-India for restoration of said links and strengthening of their network.

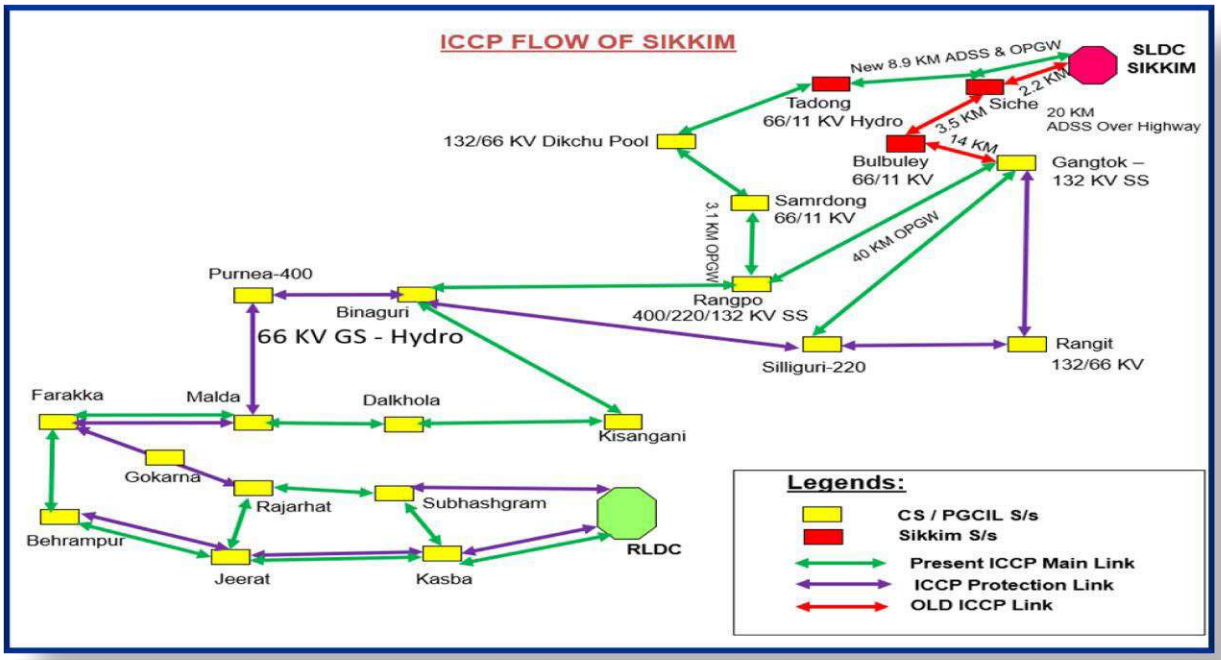
In the meeting the following emerged:

a. For restoration of Sikkim SLDC- Gangtok communication link permanently, near about 6 Km of ADSS cable needs to be procured which will take considerable amount of time around 6 months, however Sikkim SLDC is ready to make some interim arrangement of laying of spare FO cable

on said towers. Provided FO cable is provided from ongoing CSTDSS Project on requisition by Sikkim through POWER Department, Sikkim.
b. Restoration of Sikkim, SLDC- Rangpo FO link by-passing through Sichey node through patching FO cable at Sichey.
c. However, both the links passing through Sichey need route diversity.

In the meeting, it is discussed that both the links are prone to frequent cuts due to various reasons pertaining to geographically difficult conditions viz. frequent rain, landslide etc. So further strengthening of last mile connectivity to Sikkim SLDC is required for critical grid-operational point of view.
Moreover, as per guidelines from the technical manual for communication systems, the same is to be strengthened with redundant communication links.

Sikkim Communication network



Hence, it is proposed to CTU to take up said issue as priority for providing alternate link (viz. Aerial cable /UGFO cable/ Microwave communication point to point link with proper cyber security) to said link.

- TeST committee recommended to explore the possibility of deploying point-to-point microwave link as alternate to fibre communication in view of cyber-security concerns. However, the best optimal solution should be figured out keeping in consideration the inherent challenges in Sikkim network.

- CTU was advised to carry out detailed study on alternate communication link in consultation with Sikkim SLDC. Operational feedback from ERLDC should be considered in study and accordingly feasibility of deploying alternate route may be explored. Study report should be shared with ERPC/ERLDC within a month.

Further, a separate meeting was conducted with Sikkim on 1ST July 2025 regarding Last mile connectivity of Sikkim SLDC.

CTU suggested to consider installation of communication equipment at Gangtok/other nearby S/s for redundancy of data communication so that whenever Sikkim SLDC is down data visibility and ICCP link won't get affected.

In 17thTeST meeting, after elongated deliberation and multiple exploration for the communication links to Sikkim SLDC,Sikkim proposed a third alternative route under approval for commissioning till March 2026.

Deliberation in 18thTeST meeting

Sikkim updated that a third route proposed from **Samardung- Kumrik- Rorathang- Pakyong-LLHP- Sichey-Sikkim** for link establishment. Here, Samardung is connected to Rangpo-GIS 132 KV ISTS station.

Sikkim further updated that OPGW link has already been completed till Pakyong under CSSTDS Scheme and fund is under approval for further pending work.

Sikkim updated that work may be completed within two months subject to availability of funds.

18thTeST Decision

TeST Sub-Committee considered the request of Sikkim to escalate the matter to the Hon'ble Chief Secretary, Government of Sikkim, for allocation of funds towards establishment of the OPGW communication link from Sichey to Sikkim SLDC, considering its critical importance for system monitoring.

19thTeST Decision:

Due to long-pending issues of SIKKIM Connectivity & continuous delay in strengthening of the last mile connectivity which is affecting grid stability and performance, therefore, Matter may be referred to ERPC meeting for resolution.

Deliberation in 56thTCC meeting

Sikkim informed that both the links are prone to frequent cuts due to various reasons pertaining to geographically difficult conditions viz. frequent rain, landsliding etc. So further strengthening of last mile connectivity to Sikkim SLDC via a 3rd route is required for critical grid-operational point of view. Sikkim informed that the proposed 3rd route is under planning stage and they will start the work after the approval of funds.

TCC Decision:

Forum referred the matter to ERPC for further deliberation.

Deliberation in 56th ERPC meeting

Member, GO&D suggested that Powergrid may explore all possible avenues for early completion of the 3rd route.

Powergrid agreed for the same.

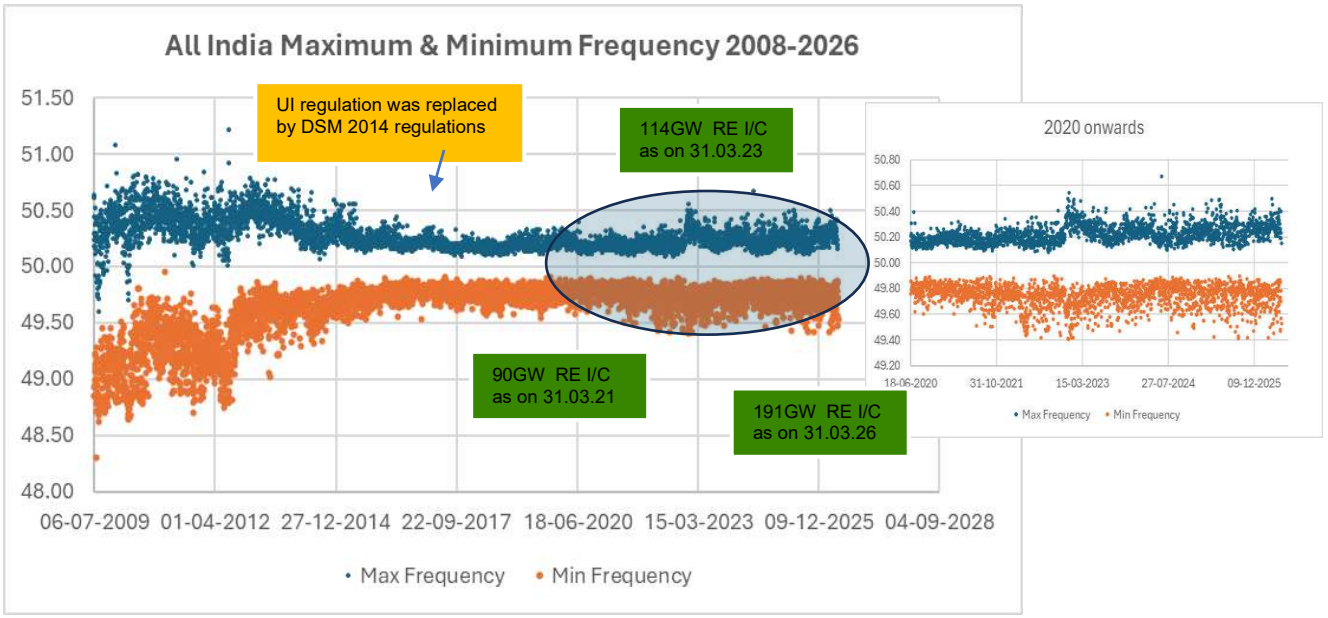
ERPC Decision:

The forum advised Powergrid to complete the 3rd route at the earliest and submit the work schedule to ERPC secretariat.

12. Recent widening of grid frequency excursions – ER perspective: ERLDC

The rapid integration of solar and wind power plants to the Indian grid through power electronic converters is fundamentally altering frequency dynamics of the Indian power system. During daytime and high solar generation periods, the operational share of these inverter-based resources increases sharply, especially due to minimum use of hydro resources, leading to operating conditions with lesser system inertia.

Under such low-inertia conditions, even moderate generation or load loss events can result in steeper rates of frequency change and deeper frequency excursions than historically observed. Historical trends from 2020 to 2026 indicate that frequency excursion (w.r.t. the nominal value) has increased considerably.



In 2025-26, total 18nos of frequency excursion events occurred. Two major grid events experienced during March 2026 and May 2026 highlight the effectiveness of conventional frequency control mechanisms and reducing operational margins.

High Frequency Event (20–22 March 2026):

During 20–22 March 2026, sustained high-frequency operation was observed during solar hours (10:00 – 16:00) due to limited flexibility of intra-state thermal generators to reduce their generation below the normative level as well as absence of demand commensurate with the increased availability from RE sources. Despite taking all necessary measures, frequency remained above the IEGC band for prolonged duration and reached a maximum of 50.50 Hz on 21.03.2026. Similar high frequency events experienced earlier and possible measures to contain the frequency within the allowable upper limit were also discussed in various OCC Meetings of ER held in the past, including the recent 238th OCC meeting held on 17.04.2026.

Almost all these high frequency events necessitated curtailment of RE generation and in one such instance on 12-10-2025, the all-India RE curtailment reached ~23,000 MW (Max) which undermines India's ambitious target of installing 500 GW of non-fossil fuel capacity by 2030.

It was observed that while regional entity thermal plants could reduce their outputs maintain their output at 55% of their respective online capacities, several Intra-State thermal Generators could not reduce generation up to 55% MTDL, even though additional backing-down margin was available during the event. This can be primarily attributed to the absence of suitable regulatory provisions and part-load compensation mechanisms in many states for Intra-State generators to operate at 55% MTDL. SLDCs and State GENCOs may sensitize their respective SERCs to introduce the necessary regulations. The same also discussed in length during the hon'ble CERC visit in the Eastern Region on 01.08.2025, at Taj Taal Kutir, Kolkata.

In 238th OCC meeting, states updated present status of suitable regulatory provisions and part load compensation mechanisms as below:

- WBSEDCL informed that the matter is under consideration at the SERC and regulation in this matter is expected after the State Assembly elections.
- SLDC Odisha assured that the issue would be taken up with the OERC.
- Bihar, Jharkhand and Sikkim majorly dependent on ISGS share.

Implementation of compensation mechanism by SERC needs to be expedited to ensure operation up to 55% MTDL of Intra-state generators.

Low Frequency Event (13 May 2026):

On 13th May 2026, the Indian grid experienced its largest generation loss event so far, following outage of evacuation corridors associated with the Khavda RE Complex (KPS-1, 2 & 3) in Gujarat. The disturbance resulted in sudden loss of more than 9 GW of generation, causing grid frequency to dip sharply from 49.95 Hz to 49.39 Hz.

Nation-wide automatic under frequency relay installed for shedding load under stage-1 (UFR Stage 1<=49.4Hz) operated resulted load disconnection of approx. 6.5 GW. Frequency subsequently settled to 49.59 Hz, due to the combined action of primary response, automatic under frequency relay (UFR) based load shedding and AGC (SRAS) response.

Analysis of constituent wise response during the low-frequency event indicated noticeable load relief due to AUFLS/UFR operation and Primary Frequency Response (PFR) by generators across the country.

Key Observations on ER Constituents During High-Frequency Event

- In Eastern Region, around 56% of the approved AUFLS quantum operated during the event, with DVC demonstrating comparatively better response among the constituents.
- Similarly, assessment of PFR performance indicated satisfactory response from DVC and some central generating stations such as Farakka, Kahalgaon and NPGC, while response from several other state generators remained below the desired level.
- AGC response by ISGS and some Intra state generators was satisfactory. Response of Barh and NPGC AGC were not as desired due to Hard limit violation.
- Purulia PSP units stopped operating in pumping mode manually, 20 minutes after receiving instruction from ERLDC, highlighting the need for faster response/disconnection of pumping load during severe low-frequency contingencies.

Similar low-frequency events were discussed in 203rd OCC meeting dated 19.05.2023, wherein it was found that UFR responses were not adequate during low frequency event of 15.05.2023, when frequency went down to 49.39hz. Regular monitoring was done in subsequent OCC

meetings for proper testing & further increment of load under the scope of UFLS, as decided by NPC. However, after this Khavda RE Complex event it is evident that there is more room to improve the response towards the desired quantum.

With increase of solar/wind generating capacity concentrated to only a few pooling stations and sharing common evacuation corridors, the risk of occurrence of these kinds of large-scale generation loss events will also increase. There is a need for planning in advance to tackle frequent frequency excursions event with following measures:

1. **Ensuring adequate load relief via AUFLS**

- Healthiness and periodic testing of UFLS schemes may be ensured for enhancing the certainty of operation of UFR at the time of event.
- Proper radialization of loads included within AUFLS/UFR needs to be implemented for obtaining the intended relief quantum.
- No intentional configurable delay in UFR operation to be ensured for these specific feeders other than measurement delay of only up to 3 Cycles (60 msec)

2. **Improving Frequency Response**

- Generating stations may ensure adequate PFR response in line with FRO requirements and prescribed droop settings.
- Regional generating plants, and relevant intra-state generating plants to lay Special attention on PFR testing for improving their primary frequency response.
- Participation of intra-state generators in AGC needs to be increased to increase secondary reserve margin.

2. **Operational Readiness of Energy Storage Systems**

- Automatic tripping/disconnection logic for PSP/BESS operating in charging mode at 49.5 Hz may be implemented in line with Task Force on Implementation of AUFLS &df/dt Scheme recommendations.
- ESS may be shifted to discharging/generation mode during low-frequency events in coordination with RLDC/NLDC instructions.

Deliberation in 56thTCC meeting

*ERLDC gave a brief presentation regarding the generation loss event following outage of evacuation corridors associated with the Khavda RE Complex and the response of ER states on UFR and PFR operation (**Annexure B.2.12**).*

TCC Decision:

The forum opined that regular follow up may be pursued in OCC regarding the readiness of UFR and PFR for ER states. The forum also suggested that all RE generators in ER must comply with LVRT and HVRT norms.

Deliberation in 56th ERPC meeting

ERLDC briefed the forum on the recent RE generation loss incident in the Khavda pocket, emphasizing the critical importance of Low Voltage Ride-Through (LVRT) and High Voltage Ride-Through (HVRT) compliances to maintain grid stability during disturbances. In view of this, all Eastern Region (ER) constituents were requested to incorporate suitable compliance clauses in

their respective State Grid Codes and strictly ensure these requirements during the intra-state commissioning of upcoming RE and storage plants.

Director, BSPTCL informed that their recently commissioned Kajra solar and BESS hybrid plant is fully LVRT/HVRT compliant, adding that its real-time performance will be closely assessed during any nearby grid events.

Similarly, DVC was requested to strictly adhere to these compliance standards for their upcoming RE plants at Maithon, Panchet, Tilaiya, and all future projects.

ERLDC stated that in line with the recommendations of the Task Force on Implementation of AUFLS &df/dt Schemes, an automatic tripping or disconnection logic must be implemented for all PSP and BESS operating in charging mode at 49.50 Hz. All energy storage systems are expected to automatically transition from charging mode to discharging mode at 49.50 Hz; if this transition is technically unfeasible, the units must be tripped at 49.50 Hz. Conversely, if an ESS is already injecting active power at 49.50 Hz, it shall not be tripped.

ERPC Decision:
The forum advised all generating stations as well as states to ensure adherence to the above discussed measures. The forum also opined that these performance enhancement measures may be regularly followed up in OCC meetings.

PART-C: ITEMS FOR APPROVAL

1. Status of spare Transformer/ICT in Eastern Region: ERPCSecretariat

☐ As per CEA guidelines for availability of spares and inventories for power transmission system (transmission lines & substation/switchyard) assets, adequate cold spare for ICTs has to be maintained at regional as well as state level.

☐ Key guidelines for determining spare as per the guidelines are provided below:

• **Regional level spare:** For regional power utilities (POWERGRID & Transmission licensees), the spare at regional level would be required for these assets. These spares should be increased, optimized and limited to double the quantities mentioned for State Level based on transmission line assets in that region in order to avoid unnecessary storage of inventories. (**Annexure B.2.1.h**)

• **State level spare:** The spares at 'State level' can be maintained at a centralized location which could be conveniently accessed to meet the emergency requirement of various substations/switchyards spread across the State.

• **Requirement of state level:** ICT and Shunt Reactor: One number single phase/three phase unit of each rating, as applicable

• **Utility for State level spare:** If there are five or more substations/switchyards (of same voltage class) of a utility in a State, the 'State Level' spares shall be maintained by the utility.

• **Replenishment of Consumed spare:** Replenishment of the consumed mandatory spares shall be made at the earliest but in any case, not later than six months from the date of its consumption depending on the criticality of equipment component/material.

With a significant rise in state demands and regional demand along with the number of ICTs, it would be desirable to have an adequate spare to improve reliability and resilience in case of any

exigency. Recently, a substantial delay in restoration of damaged ICTs in eastern region has been observed. Thus, maintaining adequate regional and state level cold spare is important.

As per 55th TCC Meeting

- ✓ Powergrid representative informed that as per CEA guidelines adequate cold spare for ICTs has to be maintained at regional as well as state level. He added that the existing fleet of transformers of ER are considerably old and therefore sufficient spare management is required to ensure reliable power supply.

- ➢ Director(Op), OPTCL informed that they are assessing their spare requirements based on following factors:
  - •n-1 criteria at each substation
  - •Projected load growth
  - •Standardization of transformers as per CEA guidelines
  - •RLA of the existing transformers

  WBSETCL suggested that an SOP may be formulated for assessment of spare requirement of the region.

55thTCC Decision

- ✦ TCC advised Powergrid to reassess the spare requirement at ISTS level and submit it to ERPC secretariat for further deliberation in OCC meeting.
- ✦ TCC opined that a SOP for evaluation of spare requirement at state level may be formulated taking into consideration the factors adopted by OPTCL.

Consolidated details of spare ICTs in Eastern Regional pool maintained by Powergrid (ER-I,ER-II & Odisha Projects) attached at **Annexure B.2.1.h.**

As per 235th OCC meeting:

Power Grid presented the spare requirement for Eastern region at ISTS level.

It was also apprised that optimal inventory requirement should not be based on operational studies.

235thOCC Decision

- ➢ It was advised Power Grid to justify the spare requirement at ISTS level as per CEA guidelines with due consideration of N-1 criteria, predicted rise in load as well as RLA of existing transformers.
- ➢ All ER states were advised to assess and furnish their spare requirement in line with CEA guidelines for availability of spares. Ensuring N-1 criteria and projected load growth should be considered in the assessment.

Deliberation in 56thTCC meeting

Powergrid informed that the requirement of spare quantity is already mentioned inCEA/CERC guideline.

TCC Decision:

After detailed deliberation, TCC agreed with the proposal of Powergrid for procurement of spare transformer/ICT as per CEA/CERC guideline.

Further, TCC also advised STUs to procure the spare transformer/ICT as per CEA/CERC guideline and use the spares from the regional pool as a last resort.

TCC referred the matter to ERPC for approval.

ERPC Decision:

ERPC endorsed the views of TCC and approved the proposal of Powergrid.

2. Establishment of Transmission Asset Management System (TAMS) Control Centers in DVC: ERPC Secretariat

☐ DVC proposes to establish the Transmission Asset Management System (TAMS) for its entire Transmission Assets covering EHV Substation equipment & Transmission Lines along with its protection and control systems as a strategic move towards advanced and technology-driven transmission asset monitoring & maintenance.

The system which shall be implemented under TAMS project includes the following:

- SCADA (Supervisory Control and Data Acquisition),
- RAS (Remote Accessibility System),
- AFAS (Automated Fault Analysis System),
- VMS (Visual Monitoring system).

Further, the works in existing systems in Substations shall include Upgradation &/or Replacement of Substation Automation Systems (SAS) or Conversion of conventional substations to SAS based substation, retrofitting of switchgear, Conventional control panels, Replacement of Protection relays Supporting IT infrastructure and Cyber security systems.

☐ The TAMS project will enable centralized visibility, monitoring and control in real time of all the transmission assets in substations of DVC. These systems shall provide a digital platform which will enable implementation of transmission asset management practices such as condition-based maintenance and predictive maintenance. The system will enable identification of incipient faults through continuous and automated analytics. This will enhance the life of the assets as well as reduce unplanned outages and disruption of power to the customers. The restoration of power supply shall also be quicker as the operator shall have the real time field data related to faulted power system from both ends, equipment alarms, and fault information, in addition to access to historical data and test reports.

The implementation of Transmission Asset Management System (TAMS) Control Centres is a strategic initiative aligned with DVC's objective of ensuring reliable, efficient, and sustainable power transmission. It will serve as an important step toward digital transformation, proactive asset management, and enhanced grid resilience. M/S POWERGRID has been engaged as consultant for the execution of the TAMS Project.

The total estimated implementation cost is **Rs. 139.60 Crore** including all necessary infrastructure, buildings etc (Proposed Main control centre at Maithon and back-up control centre at Howrah).

Kind approval of ERPC OCC forum is requested for phased implementation of the Transmission Asset Management System (TAMS) in DVC to achieve long-term operational and financial benefits for the Corporation.

As per 236thOCC meeting:

DVC briefly explained the key facets of Transmission Asset Management System system (TAMS) with manifold benefits of integrated transmission asset management practices such as condition-based maintenance and predictive maintenance with aid of a digital platform. Other details, such as, cost implications and methodology of project execution was also appraised.

236th OCC decision

OCC agreed to the proposal of DVC and referred to TCC for further deliberation.

TCC Deliberation and Decision:

After detailed deliberation TCC agreed with the proposal of DVC and referred to ERPC for approval.

ERPC Deliberation and Decision:

ERPC approved the proposal of DVC.

3. Procurement of new Line Reactor under ADDCAP Block 2024-29, for replenishment of spare consumed against failed 50MVAR L/R of 400kV Indravati-Rengali Line at Rengali Substation: POWERGRID

The BHEL make 50MVAR Line Reactor (Sl. No.: 6004881) of 400kV Indravati-Rengali Line at Rengali Substation was commissioned in the year 1990 (date: 16.03.1990) under JTTS (Jeypore Talcher Transmission System) project.
This Line Reactor was of 38 years old (Year of Mfg: 1987) and was failed on 23.07.2025, after serving 35 years against its useful life of 25 years.

This line reactor was tripped on 23.07.2025 at 19:31 hrs on REF, Differential protection of Y-ph along with Backup impedance protection, PRV & Buchholz protection. Inclement weather with heavy rain, thunderstorm & severe lightning strikes were persistent during the incidence. During this fault, approx. 20kA current flown in Y-ph.

Physical observations and Internal Inspection findings of above failed Line Reactor:

i) Bulging of tank was observed from HV side. Tank welding of top portion near HV bushings was completely opened and oil from top of the tank gushed out.

ii) Fire-fighting pipeline of radiator got damaged near R-ph bushing.

iii) All the 3 nos. 400 kV Bushings got damaged & porcelain housing of R & Y Ph found shattered.

iv) B-ph bushing was ejected from the base mounting position of turret.

v) The oil end porcelain portion of R & Y ph bushings found dislodged from the turret.

vi) The HV lead of Y-ph bushing was found broken from the middle joint of draw lead of bushing connector.

vii) Bottom insulation for Turret CTs of Y-ph bushing was found damaged and all turret CT coils of Y-ph fell inside the main tank.

viii) Flashover mark observed from the bottom of oil end portion of Y-Ph bushing up to tank insertion point.

ix) Burnt and carbonized crepe paper scrap, Y-ph Turret CT coils were found at bottom near to Y-ph bushing.

x) R & B-ph bushings were dismantled and observed that R-ph winding connections were broken at the winding takeoff lead.

The above reactor was failed due to initiation of fault from the flashover in Y-Ph bushing (oil end portion) and tank.

Internal inspection revealed huge damages and considering the extent damages & age of the reactor as 38 years, repair of the Reactor is not feasible.

The reactor was restored by diversion of spare 50 MVAR reactor available at Rourkela substation on 02.10.2025.

Request for consideration in ADDCAP Block :2024-29:

Hence, in line with the facts stated above and as the failed Line Reactor is eligible for replacement under ADD-CAP as per prevailing guidelines, it is proposed to consider for Procurement of new Line Reactor under ADDCAP Block 2024-29, for replenishment of spare consumed against failed 50MVAR L/R of 400kV Indravati-Rengali Line at Rengali Substation.

As per 237th OCC meeting:

- POWERGRID (Odisha Projects) submitted the proposal for procurement of a new line reactor under ADDCAP Block 2024–29 for replenishment of spare consumed against the failed 50 MVAR line reactor of 400 kV Indravati–Rengali line at Rengali Substation.
- POWERGRID submitted:
  - The failed reactor was commissioned on 16.03.1990 and the same failed on 23.07.2025 after having served well beyond its useful life.
  - The failed reactor has already been replaced by diverting an available spare reactor, thereby restoring the system
  - The present proposal is for replenishment of the spare position consumed against the failed reactor
  - Since the line is electrically long, availability of line reactor is important for reliable system operation

237th OCC Decision
OCC referred the matter to TCC for further deliberation.

TCC Deliberation and Decision:
TCC agreed with the proposal of Powergrid and referred to ERPC for approval.

ERPC Deliberation and Decision:

ERPC approved the proposal of Powergrid.

4. Construction power for Darlipali Stage-II: NTPC

- ☐ The proposal envisages availing **construction power for Darlipali Stage-II from Darlipali Stage-I**, comprising two operational units of 800 MW each.
- ☐ NTPC has applied for 500 kVA power with TPWODL(Odisha DISCOM), and an estimate amounting to ₹31 lakhs has been submitted, which is currently under process for payment. The likely power drawl is expected to commence from June 2026.
- ☐ The proposal envisages availing **construction power for Darlipali Stage-II from Darlipali Stage-I**, comprising two operational units of 800 MW each.

- ☐ The power consumed for construction activities is required to be adjusted with the ex-bus of Stage-I. It is requested to kindly take up the matter with the concerned departments/authorities for necessary action
- ☐ The power shall be fed from the 11 kV Miscellaneous Switchgear (near FOPH Pump House) to the construction power network through two numbers of 5 MVA, 11/11.5 kV isolating transformers.
- ☐ BHEL has planned to draw construction power to the tune of 2.5 MVA. However, at present, they have requested 500 kVA due to limited ongoing activities. The requirement shall be increased progressively as per site needs.

As per 238th OCC meeting:

NTPC summarized the requirement of construction power for Darlipali Stage-II from Odisha DISCOM. This power consumed for construction activities will be adjusted with the ex-bus of Stage-I.

238th OCC Decision

- ✓ OCC granted in-principle approval to the proposed scheme for drawl of construction power i.r.oDarlipali Stage-II. However, the necessary metering arrangement has to be done by NTPC Darlipalli and also NOC needs to be obtained from the concerned DISCOM prior to drawl of construction power.
- ✓ OCC referred the matter to upcoming TCC meeting for concurrence.

Latest status:

a) Initial Power requirement is 500 KVA and shall be gradually increased with respect to increased project activities.
b) NOC/consent has been received from the concerned DISCOM, namely TPWODL, which has also agreed to the proposed metering scheme. Relevant emails received from the DISCOM along with the agreed metering scheme are enclosed for reference.
c) TPWODL (Odisha DISCOM) has agreed to extend the construction power from NTPC's 11kV Misc. Switchgear.
d) TPWODL(Odisha DISCOM) has submitted the metering scheme along with energy meter, CT, and PT specifications. Supply and installation of metering shall be done by TPWODL, and the cost shall be borne by NTPC Darlipali.
e) The tentative commencement of power drawl is **July 2026.**

Deliberation in 56th TCC meeting

ERLDC stated that the drawl point will be considered at Odisha end.Meters will be utilized for calculating the actual injection of Darlipalli Stage-I and drawl of Odisha.

TCCDecision:

TCC agreed with the proposal of NTPC and referred to ERPC for approval.

ERPC Deliberation and Decision:

ERPC approved the proposal of NTPC and suggested that necessary metering arrangement at 11 KV level may be implemented in consultation with ERLDC.

5. Support Service for Protection Database Project of ER (for 2 Years i.e. 2026-27 & 2027-28): ERPC Secretariat

- ☐ In 55th TCC & ERPC meeting held in Dec-25, ERPC accorded approval to the proposal of ERPC Secretariat for renewal of the support service of Protection database for FY 2026-27 with an estimated cost of Rs. 80 lakhs (Rupees Eighty Lakhs).
- ☐ Subsequently the scope of work was discussed in consultation with ERLDC and features such as utility wise tripping status, DR/EL compliance status, online PPI submission by utilities, sharing of ER network model in PSCT etc. was finalized.
- ☐ Further to optimize the cost, cost estimate was sought from the vendor M/s PRDC for a period of two year. Now after discussion, the renewal of support service of protection Database of ER has been finalized for a period of two years with expenditure of Rs. 1,41,60,000 /- (Rupees One Crore Forty-One Lakh Sixty Thousand only) inclusive of GST.
- ☐ It is proposed to concur the above expenditure of Rs. 1,41,60,000 /- (Rupees One Crore Forty-One Lakh Sixty Thousand only) towards renewal of support service of Protection Database of ER for period of two years.

TCC Decision:
The forum agreed with the proposal and referred the matter to ERPC for approval.

ERPC Deliberation

- ☐ *Member Secretary ERPC highlighted the importance of Protection Database and its maintenance. He informed that AMC for the protection database has already been awarded to M/s PRDC for FY 2026-27 for Rs 70,80,000/- (inclusive of GST). He also informed that the proposal of ERPC Secretariat for renewal of the support service of Protection database for FY 2026-27 with an estimated cost of Rs. 80 lakhs (Rupees Eighty Lakhs) have already been approved in 55th ERPC. However,* to optimize the cost and avoid repeated contract renewal process AMC may be done for a period of two years with an estimated cost of Rs. 1,41,60,000 /- (Rupees One Crore Forty-One Lakh Sixty Thousand only) inclusive of GST.

ERPC Decision:
Forum approved the proposal.

6. Certification of DVC 400 kV STU Lines as non-ISTS Lines Carrying ISTS Power: ERPC

- In line with the provisions under Para 2.1.3 of **Annexure-3** of the **CERC (Sharing of Inter-State Transmission Charges & Losses) Regulations, 2010**, Eastern Regional Power Committee (ERPC) certified certain STU lines of DVC as non-ISTS lines carrying ISTS power (**vide letter no. ERPC/CMS/2017/1973 dated 24.08.2017**) because of more than 50% of ISTS power flow in these lines. Subsequently, ERPC also certified the availability of these lines for the period **FY 2017–18 to FY 2021–22**. Copies of the above are placed under **Annexure-3**.

- However, such provision for certification of non-ISTS lines as ISTS lines by RPCs had been omitted from the **Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020**, implemented with effect from **01.11.2020**. Subsequently, from Nov'20 onwards, utilities would be required to approach CERC for such certification.

- Further, as per the provision under Clause 93 of the **CERC (Terms and Conditions of Tariff) Regulations, 2024**, **CEA has been entrusted with the certification of non-ISTS lines carrying inter-State power based on recommendations of STU and RPC**, subject to confirmation of regular and permanent flow by CTU in consultation with RPC and RLDC. Thus,

from **FY-2024 onwards**, utilities need to approach CEA for necessary certification for STU lines as Non-ISTS Lines carrying ISTS Power.

- In view of the above regulatory framework and as clarified by CEA **vide letter dated 30.03.2026**, the request for certification of inter-state transmission lines as deemed ISTS lines for the tariff period **2019–24** does not fall within the applicability period of the above-mentioned regulations.

- Accordingly, **CEA has suggested the following:**

✓ For the period **April 2019 to October 2020**, DVC may approach **ERPC** for certification – Ref. **CERC (Sharing of Inter-State Transmission Charges & Losses) Regulations, 2010**
✓ For the period **November 2020 to March 2024**, DVC may approach **CERC** for necessary consideration – Ref. **Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2020**
In light of the above, DVC hereby requests for certification of the following **400 kV STU lines as non-ISTS lines carrying ISTS power** for the period **April 2019 to October 2020 (Tariff Period FY 2019–24):**
A. Raghunathpur (RTPS) – DSTPS D/C line
B. Raghunathpur (RTPS) – Ranchi (Quad) D/C line
In 238th OCC meeting, ERLDC was advised to carry out the necessary power flow study to ascertain flow pattern of ISTS power through non-ISTS lines of DVC during the period April 2019 to October 2020 &the detailed report will be shared with ERPC for reference.

Update: With reference to the deliberations in the 238th OCC meeting regarding certification of DVC's 400 kV STU lines as Non-ISTS lines carrying ISTS power for the period from April 2019 to October 2020, ERLDC has carried out the necessary power flow study to assess the flow pattern and utilization of the following transmission lines towards meeting DVC demand:

1. 400 kV Raghunathpur–DSTPS D/C line (each CKT)

2. 400 kV Raghunathpur–Ranchi (Quad) D/C line (each CKT)

The utilization figures, as obtained from ERLDC vide e-mail dated 14.05.2026, are enclosed in **Annexure-3**for kind reference.

TCC Decision:
ERLDC has submitted the following study report:

Sl. No.	Name of Line	Percentage utilization to meet ISTS power (outside DVC control area)						
		2019-20 Quarter 1	2019-20 Quarter 2	2019-20 Quarter 3	2019-20 Quarter 4	2020-21 Quarter 1	2020-21 Quarter 2	2020-21 Quarter 3
1	400kV Raghunathpur-DSTPS each CKT	89.66%	89.30%	89.61%	93.40%	89.59%	88.22%	93.40%
2	400kV Raghunathpur-Ranchi (quad) each CKT	86.12%	82.98%	90.01%	93.06%	80.87%	86.09%	93.06%

Forum noted that as per ERLDC study, more than 80% ISTS power has flowed from April 2019 to October 2020*. Therefore, this line may be treated as deemed ISTS line for that said period.*

ERPC Decision:

ERPC approved the request of DVC for considering the aforementioned non-ISTS lines as deemed ISTS for the duration from April 2019 to October 2020*.*

PART-D:ITEMS RELATED TO ERPC ESTABLISHMENT

1. Expenditure statement of Establishment Fund for FY 2025-26: ERPC Secretariat

Expenditure statement of Establishment Fund for FY 2025-26 is given below-

Sl.No.	Head	Budget approved (in ₹)	Cumulative Expenditure (in ₹)
1	**Reimbursement to Govt of India**	4,71,34,957	3,97,16,832
1.1	**Salaries**	2,44,82,309	2,06,88,045
1.2	**Allowances**	2,17,52,648	1,85,60,345
1.3	**Rewards**	1,00,000	61,175
1.4	**LTC**	8,00,000	4,07,267
2	**Medical Treatment**	4,00,000	2,45,288
3	**Training Expenses**	6,00,000	1,13,280
4	**DTE**	19,00,000	18,92,427
5	**Office Expenses**	1,50,00,000	1,16,80,257
6	**Fuel and Lubricants**	1,01,000	1,00,764
7	**Rent, Rates and Taxes for land & Buildings**	24,00,000	21,94,660
8	**Professional Services**	5,00,000	74,340
9	**Printing and Publications**	1,00,000	23,132
10	**Digital equipment and ICT**	20,00,000	5,17,322
11	**Material and supplies**	9,50,000	7,19,479
12	**Minor Civil and Electrical works**	5,00,000	1,90,695

13	**Repair and Maintenance**	58,70,000	31,31,237
14	**Installation of Fire Safety Equipment**	10,00,000	0
15	**Other Expenditure**	8,00,000	5,52,161
16	**Furniture & Fixture**	1,99,000	0
17	**Welfare & Recreation**	2,50,000	46,260
18	**OE-Meeting/Workshop/Seminar etc.**	50,00,000	7,88,114
19	**Rooftop Solar**	30,00,000	24,26,060
20	**Support Service of Protection Database & Management System**	80,00,000	69,92,684
21	**Income Tax**	20,00,000	10,17,190
22	**Protection Audit**	35,00,000	29,79,500
TOTAL		**10,12,04,957**	**7,54,01,682**

Decision in 56th TCC meeting

TCC Forum noted the expenditure statement of Establishment Fund for FY 2025-26.

Decisionin 56th ERPC meeting

Forum noted.

2. Re-apportionment of Budget for FY 2025-26: ERPC Secretariat

Name of head	Approved BE (in ₹)	BE after re-apportionment(in ₹)
Furniture and Fixture	2,00,000	1,99,000

Fuel and Lubricant	1,00,000	1,01,000

Reappropriation of amount of Rs 1000/- from the Head Furniture and Fixture to Fuel and Lubricant was done in FY 2025-26 to clear the pending fuel bills.

Decisionin 56thTCC meeting

TCC Forum noted Re-apportionment of Budget for FY 2025-26.

Decisionin 56th ERPC meeting

Forum approved the reappropriation of Budget.

3. Audit of ERPC fund and ERPC Establishment Fund for FY 2024-25: ERPC Secretariat

Book of accounts for ERPC fund and ERPC Establishment Fund for FY 2024-25 is prepared. Subsequently Internal audit of ERPC fund and ERPC Establishment Fund for FY 2024-25 was done from 9th April 2026 to 10th April 2026 with members from WBSEDCL, Sikkim and ERPC Secretariat. Internal audit report is attached at **Annexure D.4.3.**

Bid for CA audit of ERPC fund and ERPC Establishment Fund for FY 2024-25 is floated and audit will be done in June 2026.

Decisionin 56thTCC meeting

TCC Forum noted the statement of audit by representatives of constituent of ERPC forERPC fund and ERPC Establishment Fund for FY 2024-25.

Decisionin 56th ERPC meeting

Forum took a note of the matter and advised to undertake the necessary CA audit.

4. Proposal for Membership of SLDC Odisha: ERPC Secretariat

ERPC Secretariat received a letter from SLDC Odisha vide letter number SGM (PS)/6-239/59(2) dated 12th January 2026 requesting for membership of ERPC Forum and expressed their willingness about paying necessary fee. **(Annexure D.4.4)**

In this regard it is to state that as per the sub clause (ii) under clause 2 of Government of India Resolution of 2021 – “From each of the States in the region, the State Generating Company, State Transmission Utility (STU), State Load Despatch Centre (SLDC), one of the State owned distribution companies as nominated by the State Government and one distribution company by alphabetical rotation out of the private distribution companies functioning in the region.”, SLDC should be a full time member of forum.

Proposal submitted by SLDC Odisha is in concurrence with the GoI resolution.

Decisionin 56thTCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Member Secretary stated that as per the Resolution of Government of India State Load Despatch Centres are member of ERPC.

Forum agreed on the proposal and SLDC Odisha will make contribution similar to other members of ERPC.Forum suggested that other SLDCs will also initiate action accordingly.

5. Proposal of Tata Steel Limited to become Non-Membership Participant of ERPC: ERPC Secretariat

ERPC Secretariat received a letter from Tata Steel Limited (Distribution Licensee) (TSL) vide letter number COPMG/04/2026 dated 20th April 2026 with a request to include TSL as a member of ERPC Forum (Annexure D.4.5).

Tata Steel Limited (TSL) is a Distribution Licensee under the provisions of the Electricity Act, 2003 having license to supply electricity in Jamshedpur town under license granted by Hon'ble JSERC. Tata Steel as a distribution licensee has 200MW GNA. TSL wants to become ERPC member to enable them to address its issues with other stakeholder through amicable solution under ERPC Forum.

In this regard, it is to state that in the 33rd ERPC meeting it was decided that organisation availing/ would like to avail services of ERPC, may become the non-member participants of ERPC, if not eligible to be become full member of ERPC as per the resolution of Government of India.

Since, as per MOP direction ERPC is a self-financing body, all the users of ERPC services should have a contributory responsibility towards the services rendered by ERPC and it should avoid cross subsidy for using facilities.

If Tata Steel Limited becomes a non-member participant, it would be beneficial for all constituents of ERPC as knowledge exchange would strengthen the power sector. In future all distribution licensees may also become the non-member participants of ERPC.

Decisionin 56thTCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum agreed on the proposal and advised ERPC Secretariat to raise the demand as non-member participation.

6. Proposal of Hiranmaye Energy Limited ("HMEL") to become Non-Membership Participant of ERPC: ERPC Secretariat

ERPC Secretariat received a letter from Hiranmaye Energy Limited ("HMEL") vide letter number HMEL/ERPC/2026-27/01 dated 16th May 2026 with a request to include HMEL as a member of ERPC Forum (Annexure D.4.6).

Asset details of HMEL are detailed below:

- ✓ Plant Name: Hiranmaye Energy Thermal Power Station
- ✓ Location: Haldia, East Medinipur, West Bengal

- ✓ Total Installed Capacity: 300 MW
- ✓ Unit Configuration: 2 x 150 MW (Unit 1 & Unit 2 commissioned)
- ✓ Future Expansion: Provision for 1 x 150 MW (Unit 3)
- ✓ Fuel Type: Sub-bituminous Coal
- ✓ Technology: Circulating Fluidized Bed Combustion (CFBC)
- ✓ Turbine Type: Tandem Compound, Single Reheat, Condensing Steam Turbine
- ✓ Evacuation Voltage: 220 kV level
- ✓ Connectivity: Connected to the WBSETCL (State) grid via 220 kV transmission lines.
- ✓ Company Status: Independent Power Producer (IPP)
- ✓ Power Purchase Agreements (PPA): Fully tied long-term PPA executed with WBSEDCL
- ✓ Tariff framework: Determined under Section 62 of the Electricity Act, 2003 by WBERC
- ✓ Fuel Supply Agreement: Mahanadi Coalfield Limited (MCL)
- ✓ Scheduling Status: Intra-state entity scheduled by WBSLDC
- ✓ Metering Setup: Special Energy Meters (SEMs) installed at evacuation points, compliant with CEA Metering Regulations.

They have stated that as a power generation utility operating within the Eastern Region grid, HMEL aims to actively engage in regional grid discipline, commercial settlements, and technical committees coordinated by the ERPC. ERPC membership will enable them to better align their operations with regional grid standards and contribute effectively to the stability of the Eastern Regional Grid.

In this regard, it is to state that in the 33rd ERPC meeting it was decided that organisation availing/ would like to avail services of ERPC, may become the non-member participants of ERPC, if not eligible to be become full member of ERPC as per the resolution of Government of India.

Since, as per MOP direction ERPC is a self-financing body, all the users of ERPC services should have a contributory responsibility towards the services rendered by ERPC and they should avoid cross subsidy for using facilities.

Decisionin 56th TCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum agreed on the proposal and advised ERPC Secretariat to raise the demand as non-member participation.

7. Intimation of Circular resolution regarding deposit payment (for renewable bank guarantee) on direction of Hon'ble Commercial Court, Alipore in relation to CPWD work.: ERPC Secretariat

Civil Division (KCD-II) of CPWD was entrusted with works of renovation/repairing of ERPC office building during the year 2015. Initially a vendor namely M/s Gora Chand Bose, selected through a composite tender process by CPWD was engaged. But due to unjustified delay in completion the

offered work, the vendor was rescinded by the CPWD during November'2018. This vendor approached Tribunal for its pending payment from CPWD and won the case.

CPWD vide its letter no 58(2)/KCD-II/CPWD/Kol/ERPC/2024-25/411(H) dated 24.04.2024 and earlier communications intimated that Tribunal had re-examined and amended the award to M/s Gora Chand Bose to the amount of Rs 87,59,113/-. Subsequently, considering merit of the case and based on the suggestion of Government Counsel, CPWD decided to challenge the Arbitration order and subsequent amendment thereon.

Afterwards, CPWD vide its letter no 58(2)/KCD-II/CPWD/Kol/ERPC/2024-25/128(H) dated 28.02.2025 intimated that M/s Gora Chand Bose, arbitration award holder, filed an execution petition before commercial court Alipore against Union of India and CPWD and again requested to pay the awarded amount to their account. However, this office requested CPWD to submit direction from Ld. Counsel for depositing the amount by ERPC.

Subsequently, a letter vide no 58(2)/KCD-II/CPWD/Kol/ERPC/2025-26/158 dated 2nd February 2026 from CPWD had been received to this office. Vide this letter CPWD requested to pay them Rs 87,59,113/- as the Hon'ble Commercial Court at Alipore directed to deposit the awarded sum as renewable bank guarantee before Ld. Registrar, District Judge's Court at Alipore, South 24 Pargana within 26th February 2026.

They have also stated that CPWD was presently holding a balance amount of Rs 30,38,919/- pertaining to ERPC. Accordingly, after adjustment a sum of Rs 57,20,194/- was required to be deposited by ERPC.

In this regard it is to state that vide Agenda Point No B.13 "Proposal for Payment of Arbitration award to CPWD" of 52nd ERPC Meeting held on 6th September 2024, approval of payment in this regard to CPWD on submission of necessary document was given by ERPC Forum for FY 2024-25. CPWD has submitted the order of Hon'ble court in February 2026 while FY 2024-25 already elapsed. Although, the approval of payment was accorded for FY 2024-25, it transpires from the MoM of the said meeting that ERPC forum had given in-principal approval for the above expenditure.

Considering this a Judicial order, payment to CPWD was required to be made at the earliest. Consequently, matter was placed before Chairperson ERPC (FY 2025-26) on 9th February 2026. He directed to take the approval of ERPC Forum through circular resolution.

Subsequently, proposal was approved by ERPC Forum through circular resolution.

Subsequently, payment of an amount of Rs. 57,20,194/- was made on 23.02.2026 vide UTR No – IDBIN5102602233079 to CPWD.

Decisionin 56th TCC meeting

Forum noted.

Decisionin 56th ERPC meeting

ERPC Forumnoted the matter of circular resolution regarding deposit payment (for renewable bank guarantee) on direction of Hon'ble Commercial Court, Alipore in relation to CPWD work.

8. Hosting of 18th NPC Meeting: ERPC Secretariat

As per the sub point (g) under point 2.28 of MoM of 17th NPC meeting held on 27.02.2026 issued under file number CEA-GO-15-14/1/2021-NPC Division/47, ERPC has been given responsibility (on rotation basis) to organise next National Power Committee (NPC) meeting. As per the preliminary discussion with NPC Secretariate, meeting will be held in the month of July/ August.

ERPC Secretariat has done a preliminary survey for conducting the meeting. As per the preliminary survey, it is understood that an amount of Rs. **30 (Thirty) Lakh** may be required to conduct the event.

ERPC Secretariat will try to host the meeting on its own however in case of difficulty /constraints, this office may avail services of M/s Balmer Lawrie. From the market survey it transpired that M/s Balmer Lawrie is Mini Ratna-I Public Sector Enterprise under Administrative Control of Ministry of Petroleum & Natural Gas, Government of India. They are engaged in activities such as Manufacturing. Logistics and Travel & Vacation Services. They have been providing Air Ticketing services to most of the Government entities including various Ministries/ Government Departments.

Vide DO letter No D.O. No. M-13021(14)/1/2021-LPG-PNG (E)-37464 dated 15th April 2021, Dr Navneet Mohan Kothari, IAS, Jt, Secretary, Ministry of Petroluem& Natural Gas, Government of India requested all ministries to empanel M/s Balmer Lawrie for Travel, Hospitality and MICE (Meeting, Incentive, Conference and Events) Services. (Annex).

Accordingly, if approved by the forum, M/s Balmer Lawrie may be empanelled on nomination service for organising such events of ERPC in future. Approval for expenditure upto Rs 30 lakh may also be accorded for 18th NPC Meeting.

Decisionin 56th TCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum in-principally agreed on the proposal of expenditure of 30 Lakhs for hosting 18th NPC meeting and also agreed for empanelment of M/s Balmer Lawrie on nomination basis for such events.

9. Purchasing IT items desktop, printer and others for ERPC Secretariat: ERPC Secretariat

It is to bring to kind notice of the forum that desktop and printers available with most of officers of ERPC Secretariat are very old and sometimes perform poorly. In addition to that many officers are not having desktop computers.

Upgrading of IT infrastructure of ERPC is a necessity to optimize officer workflows and maximize operational output.

At present minimum 13 numbers of desktops and 4 numbers of laptops are required to be purchased for office. As per market survey on GeM, the estimated cost for purchase of 13 nos. of latest models of Intel Core i7 desktops may come around 19.5 Lakhs (Cost 1.5 lakh per desktop).
On the other hand as per market survey on GeM, the estimated cost for purchase of 4 nos. of latest MFM Desk Printers may come around **1.5 Lakhs.**

Therefore, the estimated cost for purchase of 13 nos. of Desk Computers and 4 nos. of Desk Printers and other IT items may come around **25 Lakhs.**

Earlier in the 55th ERPC Meeting, a budget of Rs 15 Lakh was approved under "Digital equipment and ICT" for FY 2026-27. For this purchase this budget head may be revised to 40 Lakh.

Decisionin 56thTCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum approved the revised budget of 40 Lakhs under "Digital equipment and ICT" *which includes* purchase of 13 nos. of Desk Computers and 4 nos. of Desk Printers and other IT items.

10. Waiving off of ERPC gym membership charge: ERPC Secretariat

There is one gym available at ERPC residential complex as per the present rule, there is a monthly membership charge of ₹200/-. However, it is proposed that the membership charge may be waived off to encourage greater participation of all and promotion of healthy lifestyle.

Decisionin 56thTCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum appreciated the proposal and agreed for waiver of the membership charges for ERPC Gym.

11. Resolution on matter of CAG Observation on non-payment of Contribution to ERPC: ERPC Secretariat

Scrutiny of the records by CAG Audit during the period of audit (FY 2021-22 to FY 2024-25) revealed that some non-member participants in the ERPC committee M/s GI Hydro Private Limited (formerly, M/s Gati Infrastructure Private Limited) did not pay its participation fess since 2017-18. Additionally, it was also revealed that M/s Powerlink Transmission Limited and M/s Vedanta Limited also did not pay the participation fees during the period covered under audit. However, the entity continued to be part of the committee.

Pending payment from organization under the observation of Audit party as on 1st November 2025 was given below:

Pending payment from organization under the observation of Audit party as on 1st November 2025 is given below-

Name of the Constituent	Period of pending payment	Amount pending
M/s GI Hydro Pvt Ltd	FY2017-18toFY2025-26	Rs.105.5Lakhs
M/s Powerlink Transmission Limited	FY2020-21toFY2025-26	Rs.57.5Lakhs
M/s Vedanta Ltd	FY2022-23toFY2024-25	Rs25 Lakh

Decision in 55th ERPC Meeting-

In the 55th ERPC Meeting forum advised M/s Greenko to resolve the matter of pending payment as they have taken over M/s GI Hydro Pvt Ltd within current financial year.

Forum also advised M/s Powergrid to resolve the matter of pending contribution of M/s Powerlink within current financial year.

Representative of M/s Vedanta Limited stated that pending payments will be cleared by them at the earliest.

Accordingly, ERPC Secretariat followed up the matter with the organisation and written letters to them. Officers of ERPC also discussed the matter verbally with the officials of constituents. However, they have not yet paid the outstanding amount till date.

Since, as per MOP direction ERPC is a self-financing body, all the users of ERPC services should have a contributory responsibility towards the services rendered by ERPC and it should avoid cross subsidy for using facilities.

In this regard an online meeting was held on 15.05.2026 under the chairmanship of Member Secretary ERPC with these Non-member participants of the forum. He again requested all constituents to clear the payments at the earliest considering this matter a CAG Observation.

In the said meeting-

- M/s GI Hydro Pvt Ltd assured that they will clear the payment at the earliest.
- M/s Powerlink Transmission Limited said that they will discuss that matter with their higher officials and confirm. Member secretary advised Powerlink to pay the contribution for FY 2026-27 by June' 26 and clear the past dues till FY 2025-26 in 2/3 instalments.
- M/s Vedanta Limited was also advised to clear the dues at the earliest.

Decision in 56th TCC meeting

Forum took a note of the matter.

Deliberation in 56th ERPC meeting

- *ERPC Secretariat explained the due amount of M/s GI Hydro Pvt Limited (Chuzachen Plant) as per CAG audit report as given below-*

Sl.no.	*Period (In FY)*	*Amount*
1	*2017-18*	*Rs.16 Lakhs*
2	*2018-19*	*Rs.16 Lakhs*
3	*2019-20*	*Rs.16 Lakhs*
4	*2020-21*	*Rs.16 Lakhs*
5	*2021-22*	*Rs. 8.5 lakhs*
6	*2022-23*	*Rs. 8.5 Lakhs*
7	*2023-24*	*Rs. 8.5 Lakhs*
8	*2024-25*	*Rs. 8 Lakhs*
9	*2025-26*	*Rs. 8 Lakhs*
Total Outstanding amount		*Rs.105.5 Lakhs*

Sr General Manager,Greenko Group apprised that Greenko Group has completed the acquisition of M/s GI Hydro Pvt Limited (Chuzachen Plant) in the FY 2024-25. Greenko group has two hydro plants namely Dikchu and Chuzachen which are non-member participants of ERPC. They are paying the non-member participation contribution for Dikchu plant continuously till date. He has requested that as the M/s GI hydro is now a part of the Greenko group, they will continue the non-member participation as Greenko group. They will pay the non-member participation fee of M/s GI hydro from FY 2017-18 to FY 2023-24 i.e an amount of Rs 89.5 Lakh. There will be one non-member participation from Greenko group wef from FY 2024-25 retrospectively. Hence, they requested to waive off the dues of Rs 16 Lakh from the head of M/s GI Hydro Pvt Limited for FY 2024-25 to FY 2025-26.

- *No representative from Powerlink was present in the meeting.*

ED (Commercial), Powergrid stated that Powerlink is a joint venture of Tata Power Company Limited (51%) and Power Grid Corporation of India Limited (49%). She assured the forum that she will assist to clear the dues.

- *Member Secretary ERPC stated that M/s Vedant Limited has been paying the non-member participation fee from FY 2025-26. However, Rs 25 Lakh as a due for earlier three years is still pending.*

Decision in 56th ERPC meeting

- *Forum agreed on the proposal of M/s Greenko Group and requested them to clear the payment of Rs 89.5 lakh for M/s GI Hydro Pvt Limited within 2 months.*
- *Forum advised M/s Powerlink to clear the dues of Rs 57.5 Lakh within 2 months.*
- *Forum also advised M/s Vedanta to clear the dues of Rs 25 Lakh within 2 months.*

12. Provision of debarment/removal of non-member participant from ERPC forum due to various reasons: ERPC Secretariat

In various situations, it has been observed that some non-member organizations fail to pay their participation fees on time. This delay has resulted in significant outstanding dues. Despite addressing the issue with those defaulting organizations, the matter remains unresolved. Consequently, the CAG has issued an audit observation to the ERPC Secretariat regarding the outstanding dues.

In light of this, a proposal is submitted to the forum that if any non-member organization does not pay their participation fees by the due date or didn't pay their fees within that specific financial year, should be restricted from participating in the ERPC Forum.

Decisionin 56thTCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum opined that if any non-member participant has not paid the contribution fees for one financial year, their membership as non-member participant will be removed by ERPC forum. ERPC forum will also make decision on past dues and subsequent rejoining as non-member participant.

13. **List of pending payment: ERPC Secretariat**

I. Long outstanding dues of contributions from the following organisations till FY 2025-26:

Membership Fees

Sl.No.	Organization	Period (FY)	Amount
1	Adani Enterprise Ltd. (As Electricity Trader)	2024-25	16 Lakh
2	PVUNL	2025-26	16 Lakh

Non-Member Participation Fees

Sl.No.	Organization	Period	Amount
1	Powerlink Transmission Ltd.	2020-21 to 2025-26	57.5 lakhs
2	M/s GI Hydro Pvt Ltd (Taken over by Greenko)	2017-18 to 2025-26	105.5 lakhs
3	Vedanta	2022-23 to 2024-25	25 lakhs
4	India Power Corp. Ltd. (IPCL)	2025-26	8 Lakh

Members are requested to clear the pending payment.

II. Pending payment for FY 2026-27.

It is to bring to the notice of the forum that in the 55th ERPC meeting it was decided that "If payment for reimbursement of membership/participation fees is not received by 30th June, 1 % per month or part thereof Late Payment Interest would be charged from 1st July onwards till payment**".** Accordingly, constituents who have not yet paid their contribution are requested to pay at the earliest to avoid imposition of penalty.

Decisionin 56th TCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

ERPC Forum advised all members and non-members to clear their dues at the earliest to avoid any penalty levied due non-payment till 30th June 2026.

14. **List of members of ERPC for FY 2026-27: ERPC Secretariat**

List of Members of ERPC and name and designation of ERPC and TCC members are given below-

Constituent	ERPC Member		TCC Member	
Organisation	Name	Designation	Name	Designation
WBSEDCL	SHRI SANTANU BASU, IAS	CMD	Shri Ajay Kumar Pandey	Director (R&T)
WBSETCL	SHRI SANTANU BASU, IAS	MD	Shri Sukanta Biswas	DIRECTOR (OPERATION)
WBPDCL	SHRI P B SALIM, IAS	CMD	Shri Subrata Mandal	DIRECTOR (O&M)
DPL	Shri Saibal Kanti Das	MD	Shri Sanjay Das	GM (Power & Projects)
WB SLDC			Shri Shouvik Banerjee	Chief Engineer

SIKKIM	Shri Bikash Deokota	SECRETARY	Smt. Shova Thapa	Pr. Chief Engineer-I (Transmission)
Sikkim SLDC			Smt. Shova Thapa	Pr. Chief Engineer
CEA	SHRI HEMANT JAIN	Member (GO&D)	Shri Subho Paul	Chief Engineer (GM)
BSPHCL	Shri Ajay Yadav, IAS	CMD	Not yet received Nomination	
BSPTCL	Shri Rahul Kumar, IAS	MD	Shri Abdesh Kumar Singh	Director (Operation)
SBPDCL	Shri Mahendra Kumar, IAS	MD	Shri Deepak Kumar Singh	Director (Project)
NBPDCL	SHRI RAHUL KUMAR, IAS	MD	Shri Vijay Kumar	Director (Operation)
Bihar SLDC			Shri Amitanand	Chief Engineer & Head SLDC
GRIDCO	SHRI VISHAL KUMAR DEV, IAS	CHAIRMAN	Shri Dr Satya Priya Rath, IAS	MD
OPTCL	SHRI BHASKAR JYOTI SHARMA, IAS	CMD	Shri P K Pattanaik	Director (Operation)
OPGC	SHRI KEDAR RANJAN PANDU	MD	Shri Anjana Ranjan Das	Director (Operation)
OHPC	SHRI VISHAL KUMAR DEV, IAS	CMD	Shri Amiya Kumar Mohanty	Director (Operation)
Odisha SLDC			Shri B B Mehta	Director (SLDC)
JUUNL	Shri Ranjeet Kumar Lal, IAS	MD	Shri Rakesh Raushan	Director (Tech)
JUSNL	SHRI K K VERMA	MD	Shri Asish Kumar	DIRECTOR (Operation)
JUVNL	SHRI K SRINIVASAN, IAS	CMD	Not yet received Nomination	
JBVNL	SHRI K SRINIVASAN, IAS	MD	Shri Prabhat Kumar Srivastava	Director (Distribution & Project)
TVNL	Shri Anil Kumar Sharma	Managing Director	Shri Anil Kumar Sharma	GM cum CE
Jharkhand SLDC			Shri Umesh Prasad	GM SLDC
DVC	SHRI SURESH KUMAR, IAS	CHAIRMAN	Shri S Srivastava	ED (COMMERCIAL)
DVC SLDC			Shri Sanjay Sharma	CE SLDC
NTPC LTD.	Shri Jaikumar Srinibasan	DIRECTOR (FINANCE)	Shri Vijay Goel	RED-I
			Shri E Satya Phani Kumar	RED-II
NHPC LTD.	SHRI SUPRAKASH ADHIKARI	DIRECTOR (TECHNICAL)	Shri Indradeo Prasad Ranjan	ED (O&M)
PVUNL	Not yet received Nomination		Not yet received Nomination	

SJVN	Shri Pulak Mukhopadhyay	CEO	Shri Vikas Mahajan	GM (Electrical) & HOD (O&M)
POWER GRID	Shri Naveen Srivastava	DIRECTOR (OPERATIONS)	Shri Nitin Srivastava (I/c)	ED, ER-I
			Shri A K Naik	ED, ER-II
			Shri A K Naik	ED, ODISHA PROJECT
ERLDC	Shri Surajit Banerjee	EXECUTIVE DIRECTOR	Shri Surajit Banerjee	EXECUTIVE DIRECTOR
NLDC	Shri Rajiv Kumar Porwal	DIRECTOR (SO)	Shri Manoj Kumar Agarwal	ED & Head NLDC
CTUIL	Sh Kailash Kumar Gupta	COO	Shri Vikas Bagadia	Dy COO
CESC LTD.	Shri Brajesh Singh	MD (GENERATION)	Shri Sandip Pal	Sr. V.P
MPL	Shri Basudev Hansdah	CEO	Shri Satish Pravu	Chief (O&M)
GMR KAMALANGA ENERGY LTD.	Shri Raghunath P V	Plant Head	Shri Prasant Senapathy	GM (Head Electrical)
JIPL	Not yet received Nomination		Shri Shubhang Nandan	Head Power (Sales & Regulatory), VP
SIKKIM URJA LTD.	Shri Adiseshu Gopalam	MD	Yogendra Kumar	VP
BRBCL	Shri Deepak Ranjan Dehuri	CEO	Shri Subodha Kumar Sudhakar	GM (O&M)
PTC	Shri Manoj Kumar Jhawar	MD & CEO	Shri Bikram Singh Guram	ED (Marketing)
NVVN	Smt. Renu Narang	CEO	Shri P K Jena	CGM (Power Trading)
NKTL	Not yet received Nomination		Shri Ravindra Atale	Head O&M-Sr. VP
MBPCL (Not finalised)	Shri P.S. Duttagupta	Whole time Director	Not yet received Nomination	
IPCL (Not finalised)	Not yet received Nomination		Not yet received Nomination	

List of non-member participants (FY 2026-27) are given below-

Name of the Organisation	**Name of the officer**	**Designation**
DANS Energy Pvt Ltd (Jorethang)	Sumit Nanda	Managing Director
Shiga Energy Pvt. Ltd (Tashiding)	Sumit Nanda	Managing Director

Sneha Kinetic Power Projects Ltd. (Dikchu) (A subsidiary of Grrenko)	Viswanath Attaluri	Chief Comml. Officer
Greenko Energies Pvt. Ltd (Chuzachen) earlier Known as GI / Gati Infra	Viswanath Attaluri	Chief Comml. Officer
MBPCL (Rongnichu)	Shri P.S. Duttagupta	Whole time Director
Adhunik Power & Natural Resources Ltd	Arun Kumar Mishra	CEO
Haldia Energy Limited	Brajesh Singh	Managing Director (Generation)
JSW Energy (Utkal) Ltd		
Rashmi Group	Indu Bhusan Chakraborty	Chief-Power Management
Vedanta Limited	Satya Nayak	Head-Electrical Power Projects
Alipurduar Transmission Limited	Ravindra Atale	Head O&M-Sr. VP
North KaranpuraTrasnmission Ltd	Ravindra Atale	Head O&M-Sr. VP
EAST-NORTH INTERCONNECTION COMPANY LIMITED	Sanil Namboodiripad	Chief Operating Officer
Odisha Generation Ph-II Transmission Ltd	Sanil Namboodiripad	Chief Operating Officer
Purulia & Kharagpur Transmission Co. Ltd	Sanil Namboodiripad	Chief Operating Officer
Darbhanga Motihari Transmission Co. Ltd	Nimish Seth	Head Power Transmission
Powerlinks Transmission Ltd	Vishwas Surange	CEO & ED
Sikkim Power Transmission Limited	Prabhat Kumar	Associate Vice President
Cross Boarder Power Transmission Limited	Mahesh Chandra Tiwari	Director
Tata Steel UISL	Atul Bhatnagar	Managing Director
HPX Ltd.	Harish Saran	Managing Director
India Power Corp. Ltd	Raghav Kanoria	Managing Director

All constituents are requested to update the Name, Designation, Photo, contact number and email-id of ERPC and TCC members on quarterly basis in April, July, October and January

months to Member Secretary ERPC (mserpc-power@nic.in) and Assistant Secretary ERPC (hoo-erpc@gov.in) or whenever there is a change.

Decisionin 56th TCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum took a note of the matter. Member Secretary requested all member and non-member participants to keep the ERPC Secretariat updated in this regard wherever there is change in incumbency. Organisations which have not yet submitted their details were requested to send the details at the earliest.

15. **ERPC Website: ERPC Secretariat**

As per CBR, ERPC has to maintain its own website. Earlier website of ERPC had very old technology and NIC expressed their inability to host it in their server citing cyber security reason. Subsequently, ERPC has developed a new website with latest technology, having new look and functionalities. All constituents may check the website and give valuable suggestions for further modification.

ERPC Website link- https://erpc.gov.in/

Decisionin 56th TCC meeting

Forum took a note of the matter.

Decisionin 56th ERPC meeting

Forum appreciated the work done by ERPC Secretariat in developing ERPC Website. Member Secretary advised all stakeholders to take a tour in ERPC website and submit their valuable feedback for doing further improvement in the website.

16. **Removal of Microwave tower: ERPC Secretariat**

There is one microwave tower erected at ERPC office complex for a long time. This tower was used earlier for data and speech communication from the Control room of load despatchcentre. No documents regarding its ownership could be traced in the office. ERPC Secretariat wrote letter to BSNL regarding the ownership of the steel tower. However, no reply has been received from them. Subsequently matter was discussed with few old officials of ERPC who intimated that the tower was erected by the ERPC (erstwhile Eastern Regional Electricity Board) and ERPC is the owner of the same.
This tower is lying unfunctional now and occupying a large area of the office premises. Since it is not maintained properly, it poses a safety concern for human and properties.
Therefore, it is proposed that tower may be dismantled and area may be used for official purpose by ERPC.

Decisionin 56th TCC meeting

Forum referred the matter to ERPC.

Deliberationin 56th ERPC meeting

MD JUUNL proposed that a notice may be served in the leading newspaper and if no claim is received by any organisation with the supporting evidence, Tower maybe dismantled and auctioned.

Member Secretary apprised the forum that e-Auction service is availed through M/s MSTC Limitedfor scrap/ unserviceable materials by ERPC Secretariat.

Decision in 56th ERPC meeting

Forum agreed on the proposal and ERPC secretariat will initiate the necessary action after taking legal advice.

17. Approval for selection of consultant for Repair and Maintenance of ERPC Office Building and Residential Staff Quarters Building, renovation of 4th floor and Ground Floor of ERPC office by considering utilization of space in office: ERPC Secretariat

A. ERPC Office Building and Garage building:

The ERPC office building (G+5) and garage (G+1) are over 40 years old. According to the records, the first major renovation of the building was carried out by CPWD during 2016. However, during 2021-2022, several defects were noticed, including cracks in the beams and walls, as well as falling concrete slabs from the roof ceilings.

To assess the condition of the buildings on the ERPC office premises, Jadavpur University was requested to conduct a structural health assessment. The Construction Engineering Department of Jadavpur University, Kolkata, completed the assessment of the existing office building (G+5) and the G+1 car garage. The assessment report is attached as an **Annexure D.4.17.1**.

The Jadavpur University has recommended proper repairs and retrofitting to enhance the service life of the building, providing detailed observations and suggested repair methods. As an immediate short measure during the period from 2024-2026, minor repair and maintenance work were conducted using in-house resources. This included removing damaged plaster and loose concrete, as well as addressing minor cracks.

B. (i) ERPC Residential Quarters:

The residential building, which consists of 10 storeys (G+10), is more than 30 years old. Similar to the office building, this property underwent renovation by CPWD between 2016-2018. The first, sixth, and seventh floors of this building are designated as the ERPC Guest House. However, there are noticeable cracks and seepage in some areas, both inside and outside the building. To mitigate further damage, painting and patchwork were performed on the interiors of same of the area of quarters and guest house.

In light of these issues, a committee was formed by the Member Secretary of ERPC to evaluate the current condition of the buildings. The committee included members from ERPC and Powergrid and was tasked with conducting a comprehensive assessment of the ERPC office building and residential complex.

The committee submitted its report, which considered all available records and previous assessments. The report includes the committee's observations and recommendations. Additionally, the committee inspected available space in the ERPC office building and provided observations and recommendations regarding this matter. The report from the committee is attached as an **Annexure D.4.17.2.**

(ii) Urgent Renovation of ERPC Duplex Quarters 22/9 and 23/9and 4th Floor of office building

New Member Secretary joined ERPC office in Feb 2026 and he desired to avail the Member Secretary Quarter in Residential building. However, Ex Member Secretary has retained the quarter no.23/9/Duplex along with its annex part as per quarter extent rule. One more quarter (No.22/9/Duplex) is vacant at 9th floor, and the same can be used for the New Member Secretary, but the condition of the quarter is not good and requires some civil patch works, painting works and overall renovation as per the new CPWD guidelines. (Current Photographs of the same is attached)

In this context, a proposal is submitted for the repair and maintenance of the ERPC office buildings, garage building, and residential staff quarters, as well as the renovation of the fourth floor of the ERPC office building and the ERPC Duplex Quarters. Since this office lacks the necessary expertise to undertake such major repair, maintenance, and renovation work, hiring a consultant is much essential.

The ERPC office generally carried the repair & maintenance work through CPWD as per GFR. However, due to recent past experience, despite the maintenance work carried out by CPWD during 2016-2020, there are several problems observed in civil structure of the buildings. Further, ERPC office is facing litigation issues of their third party vendor, wherein ERPC is liable to pay the litigation charges.

In view of this, ERPC office has proposed to avail the GFR Rule 133 (3), ***"A Ministry or Department may award repair works estimated to cost above Rs. 60 Lakhs and original works of any value to:***

(i) Any public sector undertaking established by the central or state government for civil or electrical works

(ii) Any other Central/State Government organization/PSU notified by the Ministry of Housing and Urban Affairs (MoHUA) for such purposes, after evaluating their financial strength and technical competence."

Approval is requested for the selection of a consultant through GeM, following above GFR rules, to prepare a Detailed Project Report (DPR) for the proposed works. This report alongwith the cost estimate will subsequently be presented in the next ERPC meeting for approval.

Decision in 56th TCC meeting

Forum referred the matter to ERPC.

Decisionin 56th ERPC meeting

ERPC forum approved the proposal.

18. Empanelment of vendor for hiring vehicle on rate contract basis: ERPC Secretariat

This office has only one vehicle, a TATA HEXA, registered in the name of ERPC, which is used for the day-to-day for official purposes. It is important to note that during official events, it becomes challenging to provide the office vehicle to accommodate all requests from different officials at the same time.
For this purpose, ERPC usually hires vehicles from local vendors after conducting a market survey, however, this process can be time-consuming. Therefore, the ERPC Secretariat is looking to empanel vendors to provide vehicles on a rate contract basis on as and when required basis. This

will help to serve the situation smoothly without being going for market survey at every time by inviting quotations.

Decisionin 56th TCC meeting

Forum noted.

Decisionin 56th ERPC meeting

ERPC forum approved the proposal.

19. **Finalisation of dates and venue for the next ERPC & TCC meetings: ERPC Secretariat**

List of meeting held earlier is given below-

Sl.No.	HostOrganization	Remarks
1	ODISHA	31st ERPC Mtg. on 14.11.2015
2	JHARKHAND	32nd ERPC Mtg. on 20.02.2016
3	BIHAR	33rd ERPC Mtg. on 25.06.2016
4	CESC	34th ERPC Mtg. on 19.11.2016
5	TPTCL	35th ERPC Mtg. jointly on 25.02.2017
6	MPL	35th ERPC Mtg. jointly on 25.02.2017
7	GMRKEL	36th ERPC Mtg. on 26.08.2017
8	POWERGRID	37th ERPC Mtg. on 17.06.2018
9	DVC	38th ERPC Mtg. on 30.06.2018
10	NVVN	39th ERPC Mtg. Om 17.11.2018
11	NHPC	40th ERPC Mtg. on 16.03.2019
12	NTPC	41st ERPC Mtg. on 27.03.2019
13	PTC	42nd ERPC Mtg. on 13.12.2019
14	ERPC Sectt.	43rd, 44th, 45th ERPC Mtg. during 2021-2022
15	WESTBENGAL	46th ERPC Mtg. on 06.08.2022
16	ERPC Sectt.	47th on 25.11.2022 & 48th (Online) ERPC Mtg.
17	PowerDept, Sikkim & Sikkim Urja Limited jointly hosted	49th ERPC Meeting on 24.03.2023
18	ERPC Sectt.	50th ERPC Mtg on 11.08.2023
19	ERPC Sectt.	51st ERPC Mtg (Online) on 12.01.2024
20	NTPC	52nd ERPC Mtg. on 06.08.2024
21	ODISHA	53rd ERPC Meeting on 11.02.2025
22	POWERGRID	54th ERPC Meeting on 18.07.2025
23	ERPC Sectt.	Special Joint TCC & ERPC Meeting (online) on 11.08.2025
24	IndiGrid	55th ERPC Meeting on 18.12.2025

ERPC (Conduct of Business Rules), 2022 states that meeting will be hosted by member organizations as per the roster finalized by ERPC. Therefore, it is proposed that following roster may be maintained for organising TCC & ERPC Meeting-

ERPC Meeting	Host Organisation	Tentative Schedule
57th	Bihar	September 2026
58th	NHPC	December 2026
59th	Jharkhand	March 2027
60th	JIPL	June 2027
61st	PTC	September 2027
62nd	West Bengal	December 2027

Deliberation in 56th TCC meeting

Forum noted.

Deliberation in 56th ERPC meeting

ERPC forum appreciated DVC for successfully organising the 56th TCC and ERPC meeting.

Bihar agreed to organise the 57th TCC and ERPC meeting and proposed Bodh Gaya as venue in the month of September/October 2026.

Decision in 56th ERPC meeting.

ERPC forum noted.

PART-E: ITEMS FOR UPDATION/INFORMATION

1. Urgent Review of Phase I Compliance for CEA Flexible Operation Regulations, 2023: ERPC

CEA has issued a gazette notification dated January 30, 2023, regarding flexible operation of coal-fired generating units.

As per CEA gazette notification extraordinary, part III, section 4, no. 61 (CG-DL-E-31012023-243299), the coal-based power generating units shall have flexible operation capability with minimumpowerlevelof55%.Thiscapabilityincludesaramprateof2%between55%-70%and aramprateof3%above70%.Thiscapabilitywasmandatedwithinoneyearofthenotification, i.e.,byJan2024.Further,theregulationmandatesthatgeneratingunitsnotcapableofachieving a minimum power level of 40% shall achieve the same as per the phasing plan (Attached as **Annexure B.2.1.a**).
It may be noted that CEA's flexible operation regulations were notified after successful pilot test/study conducted across the country in association with international partners and BHEL.

In this regard, it is pertinent to mention that 91 Units of total installed Capacity 51,080 MW in aggregate of various thermal power plants have been notified under Phase I (July2024 –June 2026) for operation at 40% MTL (Minimum Technical Load). These units are required to carry out the necessary retrofitting/modifications as recommended

by the respective OEMs so as to be fully prepared for sustained operation at 40% MTL by June 2026, as mandated under the provisions of the aforesaid Regulations.

It may also be noted that successful and sustained operation at 40% MTL with Indian coal has been demonstrated by other generating utilities (Under Pilot Phase) such as West Bengal Power Development Corporation Limited (WBPDCL) at Sagardighi Unit-8 and Damodar Valley Corporation (DVC) at Mejia Unit-8, following suitable retrofits as advised by the OEMs.

Further, in order to compensate the losses on account of flexible operation, CERC has already incorporated most of the recommendations of CEA's compensation methodology such as for additional Capex, oil consumption, additional auxiliary power consumption, and heat rate degradation.

Therefore, all generating utilities are requested to complete the retrofit, control system tuning, trial runs etc. of all units under Phase I by June 2026 in consultation with the OEM positively.

It is also requested to furnish the progress and updates (as per attached format) of First Phase units by the end of November 2025 and thereafter every month.

Deliberationin 55th TCC meeting

- MS, ERPC informed the forum about the requirement of implementing 40% Minimum Technical Load (MTL) in thermal power plants in line with CEA directives, to cater to increased Renewable Energy (RE) penetration and to ensure stable and reliable grid operation.
- HehighlightedthatthefollowingEasternRegionthermalgeneratingunitsarerequiredto complete continuous operation at 40% MTL by June 2026, as per CEA directives:
- Bokaro TPS Unit–1(500MW)
- RTPS Unit–2(600MW)
- IBEUL Unit–1(350MW)
- DVC apprised that all necessary Renovation & Modernization (R&M) works and other process modifications required for 40% MTL operation have been completed, and it is expected that implementation of 40% MTL will be achieved by February 2026.
- Further, DVC informed that RTPS Unit–2, being a Chinese make unit, is facing challenges due to non-availability of OEM support, and hence the required tuning for flexible operation has not yet been undertaken. However, Mejia Unit–7 has been successfully demonstrated 40%MTL test run for 4 hrs. DVC therefore requested the forum to consider Mejia Unit–7 as a substitute for RTPS Unit–2 to meet CEA flexible operation requirements.
- IBEUL informed that both its units are capable of operating at 44% MTL, and 24-hour trial operation has already been successfully conducted to demonstrate readiness. However, for stable continuous operation at 40% MTL, further combustion optimization would be required.
- NTPC informed that all its thermal units are presently capable of smooth operation

at 55% MTL. However, achieving further reduction to 40% MTL would require technical & operational modifications and the constraints faced by Generators for sustainable flexible operation has been shared with CEA.

- JITPL updated that all its units can operate at55% MTL. For enhanced flexibility, boiler-side modifications, including combustion process optimization and C&I retuning, would be required.

55thTCC Decision

- TCC advised DVC to expedite the implementation of 40% MTL at the earliest &DVC therefore was advised that Mejia Unit–7may be taken as a substitute for RTPS Unit–2 to meet CEA flexible operation requirements and to ensure continuous operation of the units as per system requirements, particularly during non-solar hours.
- TCC acknowledged the operational difficulties faced by IBEUL in implementing the mandated flexibility. It was opined that the issue should be flagged to CEA, with a request to consider continuous flexible operation at 44% MTL, as per system requirements, in alignment with CEA flexible operation guidelines.
- TCC advised all other thermal generators to undertake necessary process modifications and C&I retuning to enable required flexibilization and encouraged them to voluntarily nominate units for participation in 40% MTL operation.
- The matter was referred to ERPC for further deliberation and guidance.

Deliberation in 55th ERPC meeting

DVC stated that maintaining 40% load on a continuous basis is difficult due to poor coal quality, particularly from BCCL, which has low volatile matter and contains extraneous material.

• DVC suggested that units voluntarily operating at 40% load should be given priority coal supply through coal swapping.

• DVC further highlighted that while testing at 40% technical minimum will be undertaken for 500 MW units, its consistent implementation should be pursued jointly with other major generators to meet national perspective.

• It was also discussed that some states have not yet implemented the 55% technical minimum norm. DVC proposed that compliance with the 55% norm should be made mandatory before moving to the 40% technical minimum.

Member (GO&D), CEA suggested that MS ERPC may be authorized to intimate the issues faced by ER Generators in implementing the 40 % MTL to CEA on behalf of ER states.

ERPC Decision:

ERPC advised all thermal generating stations to intimate their preparedness as well as technical difficulties, if any in achieving 40 % MTL to ERPC Secretariat. ERPC Secretariat would subsequently forward the issues to CEA.

The matter was deliberated in 239th OCC meeting and it was requested to concerned stakeholders to provide their inputs so as it can be forwarded to CEA.

Deliberation in 56th TCC meeting

DVC informed that 40% MTL can be achieved only with higher grade of coal. As coal is arranged from various sources having different grades, the sustained operation of boilers at 40% MTL with different grades of coal has not yet been demonstrated.

DVC representative further highlighted that many of the state generators has not yet implemented 55% technical minimum norm.

TCC Decision:

TCC advised DVC & JSWEUL to send their inputs & difficulties faced by them in achieving 40% MTL on sustained basis to ERPC.

Deliberation in 56th ERPC meeting

MS, ERPC stated that considering the projected increase in penetration of RE power (rooftop solar, Solar parks, wind power), there is a need of operating all thermal generators at their technical minimum (including intra-state TPPs).

Representatives of Thermal generators (identified under Phase I) expressed the technical constraints due to non-availability of quality coal for operating at 40% technical minimum.

Member (GO&D), CEA inquired about whether there is any compensation mechanism at state level for operation of intra-state thermal generators at technical minimum in ER.

WB informed that they have prepared a draft regulation regarding compensation for intra-state TPPs for operating at technical minimum which is yet to be approved by WBERC.

ERPC Decision:

ERPC advised all thermal generating stations to intimate their preparedness as well as technical difficulties, if any, in achieving 40% MTL to ERPC Secretariat. ERPC Secretariat would subsequently forward the issues to CEA.

The forum also advised to ER states to operate intra-state TPPs at MTL(55%) to assist in grid stability in view of increasing RE penetration and to introduce compensation mechanism for operation of intra-state thermal generators at technical minimum through respective SERCs.

2. Construction of Nawada–Durgapur–Jeerat (New) 765kV corridor for improving reliability in the Eastern Region and improve reliability of power supply to Kolkata: ERPC Secretariat

A 765kV ring was planned in ER from Ranchi (New) – Medinipur – Jeerat (New) – Gokarna – Banka – Gaya and Ranchi – Gaya through 400kV D/c (Quad) line. Ranchi (New) – Medinipur–Jeerat (New) 765kV D/c line has already been implemented. In order to 765kV ring was planned in ER from Ranchi (New) – Medinipur – Jeerat (New) – Gokarna – Banka – Gaya and Ranchi – Gaya through 400kV D/c (Quad) line. Ranchi (New) – Medinipur – Jeerat (New) 765kV D/c line has already been implemented. In order to improve reliability in the Eastern Region and improve

reliability of power supply to Kolkata area, need for implementation of balance portion of the ring viz. Jeerat (New) – Gokarna – Banka – Gaya came up as per operational feedback.

The matter was discussed in the joint study meeting held on 25-09-2025 wherein to reduce the number of 765kV substations and to reduce line length, a new corridor option viz. Nawada – Durgapur – Jeerat (New) was explored. The Nawada S/s along with Nawada – Durgapur – Jeerat (New) 765kV corridor was agreed to be taken up for strengthening 765kV interconnection to Kolkata area. Further, for the drawal requirement of BSPTCL, 765/400/220kV ICTs shall also be implemented at Nawada (ISTS). BSPTCL shall implement Nawada – Guraru – Kaler 220kV D/c line for drawal of power from ISTS. For seamless integration of Nawada into the ISTS grid, LILO of Gaya – Balia 765kV D/c line has also been proposed.

Accordingly, the "ERES-47: Nawada – Durgapur – Jeerat (New) 765kV corridor" scheme wasagreed to be implemented as a strengthening scheme in the 47th CMETS-ER held on 29-09-2025. It was also observed that this link can also be utilized for grant of 1200MW ISTS Connectivity to NTPC for its Nabinagar STPP Stage-II generation plant (3x800MW).

The final scope of works was discussed and agreed in 48th CMETS-ER held on 30-10-2025 to improve reliability in the Eastern Region and improve reliability of power supply to Kolkata.

Detailed scope of works is as under:

- Establishment of Nawada (ISTS) 765/400/220kV S/s with 2x1500MVA+2x500MVA ICTs
- LILO of Gaya – Balia 765kV S/c line at Nawada (ISTS) S/s – (Loop in 82km and Loop out 82km)
    - Establishment of 765kV level in GIS at existing Durgapur (POWERGRID) S/s along with installation of 765/400kV, 2x1500MVA ICTs in 400kV Section-B (the section having 400/220kV ICTs)
    - Nawada (ISTS) – Durgapur (POWERGRID) 765kV D/c line along with 1x240MVAr (3x80MVAr 1-Ph) switchable line reactor in both ckts at both ends – about 258km
- Durgapur (POWERGRID) – Jeerat (New) 765kV D/c line along with 1x240MVAr (3x80MVAr 1-Ph) switchable line reactor in both ckts at Jeerat (New) end – about 152km
- Extension at Jeerat (New) 765/400kV S/s

EstimatedCostoftheproject:INR5676.25Cr.

Deliberation in 56th TCC meeting

CTUIL updated that the scheme was approved in NCT with some minor modifications. The brief scope of work as finalized in NCT is given below:

- *Establishment of Nawada (ISTS) 765/400/220kV S/s with 2x1500MVA+2x500MVA ICTs*
- *LILO of Gaya – Balia 765kV S/c line at Nawada (ISTS) S/s – (Loop in 82km and Loop out 82km)*
    - *Establishment of new 765kV switching station at Durgapur*
    - *Nawada (ISTS) – Durgapur (POWERGRID) 765kV D/c line along with 1x240MVAr (3x80MVAr 1-Ph) switchable line reactor in both ckts at both ends – about 258km*
- *Durgapur (POWERGRID) – Jeerat (New) 765kV D/c line along with 1x240MVAr*

(3x80MVAr 1-Ph) switchable line reactor in both ckts at Jeerat (New) end – about 152km

➢ *Extension at Jeerat (New) 765/400kV S/s*

The following status was updated by CTUIL:

- *Survey work for the line has been completed. The location for the substation has been finalized.*
- *The RfP will be issued by 1st June 2026. LoA is expected to be awarded by end of Aug-26 and the SCOD is March-29.*

ERPC Decision:

ERPC noted.

3. Establishment of proposed TCF-II (Teesta Canal Fall) 220/132/33 KV S/S:ERPC Secretariat.

- Proposal for TCF-II 220/132 KV SS is an Intra-State sub-station with ISTS connectivity [D/C LILO of Siliguri PG-Kishanganj 220 KV D/C Line with HTLS conductor proposed]. The sub-station has been considered for meeting the growing load demand in and around Ghoshpukur and TCF area as projected by WBSEDCL which includes increasing demand of Dinajpur(N) and Darjeeling district of West Bengal.
- The proposal had already been discussed at CMETS-ER level for last few months [since May-2025] considering different scenarios and multiple operational aspects.
- The latest PSSE studies were submitted prior to the last 48th CMETS-ER meeting held on 30-10-2025. It was found as per the study that loading of Binaguri PG - Siliguri PG under N-1 condition is 393 MW [considering 1500 MW setting for APD-Agra DC Link as suggested by Grid India] which is within the 90% of thermal limit of the line [considering 450 MW rating of HTLS conductor].
- Observations of Grid India have been obtained on 14-11-2025. It is understood that Grid India has further considered 1000 MW setting for APD-Agra DC Link instead of 1500 MW during N-1 condition of peak load scenario creating additional contingency over and above N-1 condition.
- However, loading of one circuit of Binaguri PG - Siliguri PG even under this additionally contingent condition is found to be 426 MW which is also well within the thermal limit of the line [considering 450 MW rating of HTLS conductor] as per Cl-4.4.2 of CEA's Manual on Transmission Planning Criteria-2023. It is also noteworthy that this quantum of power will flow for a limited period of time only satisfying the special conditions pointed out by Grid India.
- In the last CMETS-ER meeting CTU proposed to pose the proposal before CEA to discuss with Resource Adequacy Plan for West Bengal by the Year 2034-35 which is in progress and may take time. Considering the immediate requirement, WBSETCL requested CTU to resolve the issue at CMETS-ER level.

As per 55thTCC meeting

WBSETCL informed that as per the system study conducted by them, there is no N-1 violation in Binaguri PG - Siliguri PG in 5 years resource adequacy plan.

➢ CTUupdatedthatthematterispresentlyunderconsiderationofCEAandaspertheresource adequacy plan of CEA keeping in view of the surge in demand of WB in nearfuture it would be prudent to go for 400KV substation in TCF-II instead of 220KV substation proposed by WBSETCL.

➢ InresponseWBSLDCsubmittedthatthereisaurgentrequirementofTCF-II220/132/33 KV SS since the proposed scheme is to cater the load 100-120 MW loading for the forthcoming Ghoshpukur 132 kV sub-station which is urgently needed by the DISCOM to accommodate "Data Centre Load". This was further mentioned that as per policy of the Central Govt to encourage Data Centre establishment, this initiative is in line with the facilitation of establishing data center as desired by CEA through online meeting in 2nd December 2025.

55thTCCDecision:

- TCC opined that in order to meet the additional load requirement of 120 MW including data center load in immediate future, it would be prudent to go for 220/132/33 KV SS instead of 400kV system as of now for early implementation of the proposed scheme and the 400 kV scheme may be considered subsequently.
- TCC referred the matter to ERPC for further deliberation.

As per 55th ERPC meeting

- Member (PS), CEA opined that the requirement of the TCF-II ss would be finalized based on resource adequacy study of West Bengal.
- ERPC emphasized the requirement of 220/132/33 KV SS at TCF-II by LILO of 220 kV Siliguri-Kishanganj D/C line to meet the additional load requirement of 120 MW under yearly rolling plan and requested CEA to consider the above requirement.

As per 239th OCC:

WBSETCL submitted:

- ➢ This proposal is regarding establishment of a substation to cater to proposed data center load in North Bengal.
- ➢ Approximately 100 MW load has been projected in the region. In this context, establishment of a 400 kV substation for an initial load of only around 100 MW may not be economically viable and may face investment approval challenges.
- ➢ On the other hand, initial implementation at 220 kV level, while keeping provision for future expansion to 400 kV level is a more feasible option. Accordingly, a 220 kV substation at TCF has been proposed that includes LILO of the Siliguri PG – Kishanganj transmission line.

239th OCC Decision

- ✓ OCC noted that as per CEA Resource Adequacy study, LILO is not recommended at 220 kV level for catering the forthcoming data centre load at Ghoshpukur area of WBSETCL. Thus, the modalities for meeting the additional demand of data center as proposed by WBSETCL may only be finalized with the consent of Power System wing, CEA.
- ✓ OCC referred the matter to upcoming TCC for further deliberation.

Deliberation in 56thTCC meeting

CE,PSPA-II, CEA informed that as per the detailed study done by CEA for establishment of 220 kV TCF-II, critical overloading is observed in 220 kV system hence instead of 220 kV system, 400 kV level was proposed to meet the load demand.

WBSETCL submitted that they would go for 400/132 kV system at TCF-II instead of 400/220 kV S/s.

CTUIL stated that recently a new ISTS proposal of 400 kV Alipurduar-Chopra-Katihar is under discussion in which 400 kV Chopra S/s will be located nearby the proposed substation of

WBSETCL at TCF-II. The proposal of WBSETCL may be reviewed holistically along with upcoming planning of 400 kV Chopra S./s.

TCC Decision:
TCC advised WBSETCL to submit their proposal of 400/132 kV Substation at TCF-II to CEA for detailed study and further recommendation.

ERPC Decision:

ERPC noted.

4. Status of ERS in Eastern Region:ERPC Secretariat

- ☐ Transmission lines are the arteries of the electricity grid and these are most prone to damage due to earthquakes, cyclones, floods etc. In case of damage to the transmission line, temporary arrangements for the restoration of power supply can be made with the help of ERS, which consists of a special type of lightweight modular structures, with lightweight polymer insulators and number of stays. In this regard CEA has issued guidelines for requisition of ERS and also an advisory has been issued by Ministry of Power to all state utilities.
- ☐ As per Central Electricity Authority (grid standards) regulations, 2010 and "Disaster Management Plan for Power Sector" the following are mandated in case of the ERS:
    i. Each transmission licensee shall have an arrangement for the restoration of transmission lines of 400 kV and above and strategic 220 kV lines through the use of Emergency Restoration System in order to minimise the outage time of the transmission lines in case of tower failures.
    ii. Strategic locations should be decided for spares on centralized/ regional /zonal basis.

Details of Available ERS enclosed at **Annexure B.2.1.f.**

As per 239th OCC:

Powergrid informed:

- 765 kV ERS towers are available in ER-I and Odisha regions only such that nearby ER-I and Odisha facilities can support emergency restoration requirements for ER-II systems.
- One 400 kV ERS set is under procurement for Berhampur.

WBSETCL informed that 16 towers are presently available. Based on the standard norms, the available infrastructure corresponds to approximately 1.6 ERS sets.

OPTCL updated that 30 towers are available for 400 kV level while 14 towers are available for 220 kV system.

DVC informed that only limited ERS towers are presently available, which is insufficient as per the requirement.

239thOCC Decision

- ✓ OCC opined that a commom framework needs to be devised to assess the adequacy of ERS infrastructure of all transmission licensses in line with MOP guidelines (**Annexure B.2.1.f**).Thus,one ERS set was defined as a set of 15 ERS towers (9 Tension towers & 6 Suspension towers)
- ✓ All transmission utilities were advised to submit ERS details in terms of "sets" rather than number of available ERS towers within one week.
- ✓ Transmission utilities having insufficient ERS infrastructure shall initiate procurement action as per guidelines of Ministry of Power (**Annexure B.2.1.f)**.
- ✓ This is referred to TCC for deliberation/sensitization.

Deliberation in 56thTCC meeting

Powergrid updated that purchase order has been placed for procurement of 1 set of ERS tower to be located at their Berhampore S/s. The scheduled date of supply is March, 2027.

TCC Decision:

TCC advised other transmission utilities having insufficient ERS infrastructure to initiate procurement action to maintain ERS set as per guidelines of CEA/MoP.

ERPC Decision:

The forum advised all transmission utilities to submit their current ERS status as per the prescribed format within a month and to initiate procurement action to maintain ERS set as per guidelines of CEA/MoP.

5. Renewal of AMC Services -for AMR system in Eastern Region for the period April-26 to March-29: ERPC Secretariat

IntheongoingAMRprojectfortheEasternRegion,theLOAshavebeenawardedonaphase manner by considering the number of Meters available at the time of LOA placement. Each LOA had scope of installation, warranty and AMC services.At present in AMR, there have beenatotaloffivephasesawardedwithdifferentsetsofMeters.EachphasesAMCscopeis getting ended on different timelines. Details given below: -

Project	MeterCount	AMCContract Start	AMCContractEnd
AMRPhase1&2	656	01-Apr-21	31-Mar-26
AMRPhase3	326	01-Sep-22	31-Mar-26
AMRPhase5	300	19-Feb-26	19-Oct-26
AMRPhase4	200	1-May-23	30-Apr-27

AMR SEM data is critical for performing the weekly accounting for the constituents hence the renewal of the AMC contract is required. Thescope of AMC Services will be the same as per the ongoing requirements and in addition to that, the newly developed requirements like 05 min Load Survey Data, 01 min instant data etc. will also be part of the AMC Services scope under

this contract.

DetailedscopeofworktobedoneintheAMCsupportperiodwithyearwisebreakupasbelow:

ar-1(sameunitrate)					
Project	**Meter Count**	**AMC Start**	**AMCEnd**	**Unit AMC Rate (per year, per Meter)**	**Total AMCRate**
AMRPhase1&2+ AMR Phase-3	982	1-Apr-26	30-Apr-27	15117	16081969
AMRPhase5	300	1-Nov-26	30-Apr-27	15117	2267550
				Total	**18349519**
ar-2(04%escalationonunitrate)					
				year, per Meter)	
AMRPhase1&2+ AMRPhase3+AMR Phase4+AMR Phase5	1482	1-May-27	31-Mar-28	15722	**21357902**
ar-3(06%escalationonunitrate)					
Project	**Meter Count**	**AMC Start**	**AMCEnd**	**Unit AMC Rate (per year, per Meter)**	**Total AMC Rate**
AMRPhase1&2+ AMRPhase3+AMR Phase4+AMR Phase5	1482	1-Apr-28	31-Mar-29	16665	**24697502**
TotalAMCcostforThreeYears					**64404922**

Project	**Meter Count**	**AMC Start**	**AMCEnd**	**Unit AMC Rate (per**	**Total**

Total cost of ownership of AMC extension till 31-Mar-29 will be 6,44,04,922INR (without taxes).

As per 55th TCC meeting:

TCC agreed with the proposal of Powergrid for extension of AMC till 31st March 2029 for all existing AMRs with the estimated cost of Rs. 6,44,04,922 /- exclusive of applicable taxes and referred it to ERPC for concurrence.

As per 55th ERPC meeting:

ERPC noted and approved the proposal for extension of AMC till 31st March 2029 for all existing AMRs with the estimated cost of Rs. 6,44,04,922 /- exclusive of applicable taxes.

Deliberation in 56th TCC meeting

Powergrid informed that the LOA has been placed with TCS. Revised cost 6.39 Cr excluding GST.

TCC Decision:
TCC noted.

ERPC Decision:

ERPC noted.

6. Upgradation of 66/11 kV Bulbuley Sub-station to 132 kV Level and Associated Transmission Infrastructure Works in Gangtok: ERPCSecretariat

Upgradation of 66/11 kV sub-station at Bulbuley (Gangtok) to 132 kV voltage level, establishment of AIS extension bay at POWERGRID 132/66 kV sub-station at Lagyap and GIS bays at Bulbuley along with installation of 132/66 kV, 2x25 MVA transformers at Bulbuley along with construction of 132 KV LILO arrangement at 132 kV D/C transmission line. Estimated Cost = Rs. 167.42 Crore. Bulbuley is the only major substation within Gangtok proper that still has scope for upgradation and availability of ROW corridor for construction of transmission line. Capacity augmentation is not possible in remaining two other 66/11 kV sub-stations within Gangtok proper, i.e. Tadong and Sichey, owing to space and ROW constraints. These areas are now completely built up and commercialized. Urgent need to upgrade the main power supply to main Gangtok city area to 132 kV voltage level due to current condition of the existing lines all of which are 66 kV lines. Need to undertake the work soon since there will not be any ROW availability or space for expansion of sub-station in Gangtok proper in the near future.

As per 55th TCC meeting

- Representative of Power Dept., Sikkim informed that the proposal for upgradation of 66/11 kV Bulbulay substation to 132 kV Level & other associated transmission work is put up considering the load growth of Gangtok in coming 10- & 15-years' timeframe and considering the constraints in constructing new transmission lines in the Gangtok area due to rapid urbanization.
- Powergrid submitted that as per their preliminary survey, there would be clearance issues for extension of the bus at 132 kV Gangtok S/s and therefore he suggested for joint site inspection to assess the site feasibility for the proposed plan.

- CTUIL informed that the present proposal is already under discussion at CEA level and as per the preliminary observation by CEA, the present upgradation is not required for Sikkim. However, in case of fresh proposal considering the change in load growth, the scheme may be put up to CEA for deliberation.

55th TCC Decision

TCC noted the concern of Sikkim for requirement of upgradation of Bulbulay S/s at 132 kV level keeping in view reliable power supply at Gangtok with enhanced demand and RoW issues & Space constraints in the vicinity. TCC advised ERPC Secretariat to plan a onsite visit comprising representatives from Powergrid, Power Dept Sikkim, ERLDC & ERPC.

TCC advised Power Dept, Sikkim to forward the proposal to CEA with proper justification for further deliberation and consideration. TCC referred to ERPC.

55th ERPC Decision

ERPC noted the decision of TCC and ERPC Secretariat was advised to plan a onsite visit comprising representatives from Powergrid, Power Dept Sikkim, ERLDC & ERPC.

As per 239th OCC meeting:
As per CEA resource adequacy report for Sikkim state (2034-35), CEA has not considered the upgradation of Bulbuley S/S from 66 kV to 132 kV. RA report attached at **Annex B.2.1(a).**

239thOCC Decision

- ✓ OCC noted the recommendations of CEA in respect of upgrading the Bulbuley 66/11 kV S/s to 132 kV level.
- ✓ OCC opined for expeditious commissioning of the Perbing station to strengthen supply reliability in the Gangtok area of Sikkim. Powergrid ER-II was advised to submit the status of commissioning of the Perbing 132/66 kV S/S and associated transmission lines in the next OCC.
- ✓ OCC referred the matter to ensuing TCC for information.

Deliberation in 56thTCC meeting

MS, ERPC informed that as per CEA recommendation, instead of upgrading Bulbuley S/s to 132 kV level, Perbing S/s has been recommended for early commissioning to cater to the load of Gangtok area.

Powergrid informed that the Perbing S/s will be commissioned by 5th June, 2026.

TCC Decision:
TCC noted.

ERPC Decision:

ERPC noted.

7. Reconductoringof the lines of Chukha Transmission system under ERES-44 scheme:ERPC Secretariat

Powergrid has been entrusted with the reconductoring work of various lines of Chukha Transmission system under ERES-44 scheme.

- The lines of Chukha Transmission System are more than 37 years old and are prone to outages. Further, reconductoring of some of the lines is critical for ensuring reliability of the supply in West Bengal system. Among the lines, reconductoring of 220 kV Malda-Gazole section(18 kM) is essential for operational flexibility of WB system and early completion of the reconductoring work on this section is critical for ensuring reliability of supply in Gazole and adjoining areas. It is worth mentioning that at present bus splitting is in operation at 220 kV Gazole S/s compromising the reliability of the supply.
- The inordinate delay in carrying out the reconductoring work of Chukha Transmission system would pose challenge to smooth & secure grid operation and reliable power supply to adjoining areas of West Bengal.

55th TCC Decision:

- TCC critically noted the inordinate delay caused in carrying out the HTLS reconductoring of 220KV Malda–Gazole D/C which is very much essential to aid in operational flexibility WB.
- TCC also advised Powergrid to explore all the possibilities for diverting HTLS conductors from other projects on loan basis so that Reconductoring can be completed at the earliest and after LOA has been awarded the HTLS conductor may be returned to the concerned utility.
- TCC also opined that PowerGrid may take the help of WB for procurement of the required HTLS reconductor through a separate tender.

As per 55th ERPC meeting:

Powegrid stated that LoA will be placed by Jan'26.

ERPC advised Powergrid to complete the reconductoring work before onset of coming summer.

As per 238th OCC Meeting:

Powergrid apprised:

- Tender process faced objections from vendors related to qualification requirements (QR). Relaxations are being incorporated to allow broader participation under the "Make in India" initiative.
- Clarity in this regard has been obtained from CEA on 9th April 2026.
- Now, re-tendering shall be initiated with revised conditions to enable wider participation from prospective bidders.

☐ It was informed by MS,ERPC that the issue has been deliberated in the meeting under chairmanship of Member(Power System),CEA on 9th April 2026 wherein it has been decided that re-tendering of the packages under the subject scheme is to be taken up after incorporating suitable relaxation in prior operational experience in the tender documents to encourage wider participation of the bidders .

WB SLDC submitted:

- Serious concern was raised regarding inordinate delay in reconductoring of the Malda–Gazole–Dalkhola transmission section.
- This delay has led to transmission constraint in Gazole(W.B) and adjoining areas. Severe congestion in North Bengal will result in reduction in power support from 160 MW to 130 MW.Consequently, minimum 30 MW of loadshedding has to be done in this Summer.

238th OCC decision:

- Powergrid was urged to submit a revised timeline for completion encompassing the entire schedule for re-tendering, award and execution i.r.o reconductoring of Chukha Transmission system. This shall be reviewed in every OCC for holistic monitoring of progress.
- This was referred to ensuing TCC meeting for deliberation.

Deliberation in 56th TCC meeting

Powergrid informed that the technical specification for HTLS reconductoring reconductoring of the Malda–Gazole–Dalkhola transmission section has been finalized and the tender will be awarded by August, 2026.

TCC Decision:

TCC advised Powergrid to complete the reconductoring of the Malda–Gazole–Dalkhola transmission section at the earliest.

ERPC Decision:

ERPC noted the importance of early reconductoring of the Malda–Gazole–Dalkhola transmission section and urged Powergrid to ensure early completion of the same.

8. Review of Automatic Under Frequency Load Shedding (AUFLS) scheme in Eastern Region

- ☐ Based on the recommendation and decisions in 14th NPC meeting held on 05.02.24, 214th OCC meeting and special meeting on 10.07.2024, a load relief quantum of 6916MW was finalized for Eastern Region. UFR Feeders real time monitoring has been discussed in NPC as well as various fora of ERPC.
- ☐ Further, with new IEGC 2023 the same has been mandated as quoted below: IEGC 2023, Clause 13.d: "SLDC shall ensure that telemetered data of feeders (MW power flow in real time and circuit breaker status) on which UFR and df/dt relays are installed is available at its control centre. SLDC shall monitor the combined load in MW of these feeders at all times.
- ☐ SLDC shall share the above data with the respective RLDC in real time and submit a monthly exception report to the respective RPC. RLDC shall inform SLDCs as well as the concerned RPC on a quarterly basis, durations during the quarter when the combined load in MW of these feeders was below the level considered while designing the UFR scheme by the RPC. SLDC shall take corrective measures within a reasonable period and inform the respective RLDC and RPC, failing which suitable action may be initiated by the respective RPC."

As per 239th OCC meeting:

Both Bihar & Jharkhand updated that they will Complete AUFLS implementation as well as SCADA integration by end of May 2026.

Deliberation in 56th TCC meeting

Both Bihar & Jharkhand updated that they will Complete AUFLS implementation as well as SCADA integration by June 2026.

TCC Decision:

TCC advised Bihar, Jharkhand and Sikkim to completeAUFLS implementation as well as SCADA

integration by June 2026.

ERPC Decision:

ERPC noted the decision of TCC.

9. Restoration of 220KV FSTPP LALMATIA Line: ERPC Secretariat

The line is out of service since long due to tower collapse. Presently 220 kV Farakka-Lalmatia line is charged(from loc no 241 to loc 84) at 132 kV voltage level for anti-theft purpose bytapping at loc. No. 100-101.

As per 55th TCC meeting:

JUSNL updated that tower no 1 to 18 falls under West Bengal area out of these, foundation of tower 1 to 12 are pending due to local issues. They have taken up the matter with concerned District Administrations of West Bengal. TCC advised WBSETCL to extend all support to JUSNL in this regard.

As per 239thOCC:

JUSNL updated:

- The delay in restoration of the line is mainly attributed to ROW issues, administrative constraints, and impacts during the COVID period.
- Line charging has been completed up to location no. 24. Foundation works is pending at one location while erection of three towers remains pending.
- Approximately 3.74 km of stringing work is left for execution.
- The line is expected to be ready by June 2026.

239thOCC Decision

- ✓ JUSNL was advised to ensure completion of the balance works and commissioning of the line within the targeted timeline(June 2026).
- ✓ This was referred to upcoming TCC meeting for information.

Deliberation in 56th TCC meeting

JUSNL informed that the line will be completed by 10th June, 2026.

ERLDC suggested that JUSNL may take all requisite FTC clearances beforehand so that the line may be charged at the earliest.

TCC Decision:

TCC noted the work progress by JUSNL and advised NTPC to check healthiness of the bay equipment of the line at Farakka end.

ERPC Decision:

ERPC noted.

10. Review and updation of Transmission Resource Adequacy up to 2036-37:CEA

- ☐ CEA had issued "Report on Intra State Transmission Resource Adequacy Plan up to 2034-35" for Eastern Region (ER) states in consultation with ER states, CTUIL and ERLDC.
- ☐ In exercise of the power conferred by Section 3(4) of the Electricity Act 2003, CEA prepares National Electricity Plan (NEP). Accordingly, the activities for preparation of the NEP 2036-37 have been initiated. In the NEP, the requirement of the intra state transmission system would be included.
- ☐ Therefore, STUs need to prepare their respective "Transmission Resource Adequacy Report by the year 2036-37" considering the projected demand and generation.

Deliberation in 56th TCC meeting

CE, CEA informed that CEA had issued "Report on Intra State Transmission Resource Adequacy Plan up to 2034-35" for Eastern Region (ER) states in consultation with ER states, CTUIL and ERLDC. He informed that a generation plan has been completed by CEA upto 2036. In this regard, he requested that STUs need to prepare their respective "Transmission Resource Adequacy Report by the year 2036-37" considering the projected demand and generation and share the same with CEA.

TCC Decision:

TCC advised the STUs to prepare their respective "Transmission Resource Adequacy Report by the year 2036-37" considering the projected demand and generation and share the same with CEA.

ERPC Decision:

ERPC noted the importance of the matter and advised the STUs to prepare their respective plans on priority basis and share the same with CEA.

11. Monitoring of Transmission Resource Adequacy: CEA

- ☐ The report on "Intra State Transmission Resource Adequacy Plan for all the ER states i.e. Odisha, Bihar, Jharkhand, Sikkim, DVC and West Bengal by the year 2034-35" have been prepared in consultation with each of the ER states, CTUIL and Grid-India.
- ☐ The system studies have been conducted for different state specific scenarios for the timeframe 2031-32 & 2034-35 in consultation with ER states, CTUIL and Grid-India considering the anticipated demand, generation capacity, demand pattern, operational feedback from ERLDC and SLDC. Based on the studies, the requirement of transmission system by the year 2034-35 has been identified for each of the states in ER region.
- ☐ The brief of the reports is as below:

Sl.No.	State	Issued date	New transmission lines/Reconductoring of old lines by the year 2034-35 (in ckm)	Transformation Capacity addition/Augmentation by the year 2034-35 (in MVA)
1	Odisha	30th April 2025	5131	22680
2	Bihar	27th June 2025	5,881	23430
3	Jharkhand	22nd Oct 2025	3476.10	16250
4	Sikkim	20th Nov 2025	298.60	1460
5	DVC	26th Feb 2026	2738.3	11005
6	West Bengal	11th March 2026	3598.16	20063
	Total		**21,123**	**94,888**

The year-wise bifurcation of the requirement of the transmission elements for the states is also available in their respective Transmission Resource Adequacy Report.
Regular monitoring of the "Intra State Transmission Resource Adequacy Plan for each ER states by 2034-35" is required to ensure timely implementation of the identified transmission systems.

Deliberation in 56th TCC meeting

CE, CEA suggested for regular monitoring on a quarterly basis of the "Intra State Transmission Resource Adequacy Plan for each ER states by 2034-35.

TCC Decision:

TCC advised all the ER states toimplement the identified transmission systems as per "Intra State Transmission Resource Adequacy Plan for each ER states by 2034-35" and share the quarterly progress report to CEA with a copy to ERPC.

ERPC Decision:

ERPC noted the importance of the matter and advised ER states to implement the identified transmission systems.

12. Capacity building on the transmission planning: CEA

- ✓ Transmission system planning is a specialized domain requiring continuous engagement and in-depth understanding of system studies. In this regard, STUs shall have dedicated team for the transmission planning with minimal transfers to ensure continuity and better understanding of long-term planning processes.
- ✓ During the exercise of Transmission Resource Adequacy Plan, it was emerged that the capacity building on the transmission planning for the officials of the ER states is required.

Deliberation in 56th TCC meeting

CE, CEA stated that they have developed a training module on transmission planning by taking inputs from various organisations. He also expressed his willingness to conduct training of ERPC constituents.

He also requested the utilities to provide comments on the draft 2nd amendment of Manual on Transmission Planning Criteria available on CEA website.

TCC Decision:

TCC forum appreciated the proposal and ERPC secretariat will provide assistancein this regard. Forum also advised utilities to provide comments on the draft 2nd amendment of Manual on Transmission Planning Criteria.

ERPC Decision:

ERPC noted the decision of TCC.

13. Update on islanding schemes in ER.

The list of existing Islanding schemes in ER is as under:

Eastern Region (ER)		
1	Kolkata (CESC) IS	City/Major Town/ Strategic Load
2	Howrah (Bandel) IS	City/Major Town/ Strategic Load
3	Bakreswar TPS IS	Industrial and Railway load
4	Haldia (Tata Power) IS	Industrial areas of Haldia and Port
5	Chandrapura (CTPS DVC) IS	Industrial areas

As per 238th OCC:

OCC suggested for formation of a sub group committee under chairmanship of S.E. (Operation), ERPC comprising members from ERPC, ERLDC, concern SLDC and Generating company for regular monitoring of islanding scheme formation and implementation in the ER States. **The committee shall coordinate with stakeholders and submit progress report in OCC.**

1. Ranchi Islanding Scheme

- ☐ Nomination for ER sub-group of islanding scheme implementation was received from JUSNL.
- ☐ The kick-off meeting for the implementation of the Ranchi City Islanding Scheme was held on **23rd April 2026** under chairmanship of ERPC.
- ☐ To accurately define the electrical boundaries and load behaviour of the island, SLDC Jharkhand was requested to share:

- **Island Boundary & Feeder Logic:** Clearly define the islanded area and provide a comprehensive list of feeders that must be disconnected to ensure successful island formation.
- **Load Profiles:** Node-wise load data (Maximum, Minimum, and Average) for the identified area to ensure generation-load balancing.
- **Defense Mechanism Data:** Current node-wise loads of Jharkhand that are already covered under **AUFLS** (Automatic Under Frequency Load Shedding) and **ADMS** (Automatic Demand Management System).
- **Infrastructure Timeline:** Confirmation of the expected commissioning date for the **400kV Latehar New – Patratu New D/C** line, as this must be integrated into the islanding model.

As per 239th OCC:

SLDC Jharkhand apprised:

- ➢ Approximately 500 MW minimum islanded load zone has already been identified.
- ➢ Patratu generating station has been identified as the source generation station for the islanding scheme.

239thOCC Decision

- ✓ SLDC Jharkhand shall submit all pending details of line feeders and feeder segregation plan by 18.05.2026. Essential loads should not be included in UFLS operation.
- ✓ The proposal shall be prepared and to be shared with ERPC at the earliest.

2.Patna Islanding Scheme under PSDF

- ➢ In 54th TCC meeting held on 23.06.2025, BSPTCL had proposed to implement Patna Islanding Scheme through Internal Resource Fund.
- ➢ However, a meeting was held on 24th June 2025 under the chairmanship of the Hon'ble Minister of Power and Housing & Urban Affairs, wherein the matter of Islanding Patna city was

discussed. In the meeting, it was decided that the State of Bihar would submit a proposal for funding the Islanding scheme by the Ministry of Power).

- In compliance to minutes of the meeting held on dt. 24.06.2025, Board of Directors, BSPTCL has approved for implementation of Patna Islanding Scheme through PSDF in 131st BOD meeting held on dt. 17.07.2025 vide its resolution no. 131-06.
- In line with the above, a proposal has been submitted for Implementation of Patna Islanding Scheme under PSDF to NLDC vide this office letter no. 549 dt. 18.07.2025 along with all the required documents in compliance to minutes of meeting held on dt. 24.06.2025.
- Further, Chief Engineer (NPC), CEA has requested the recommendation of ERPC for implementation of Patna Islanding Scheme through PSDF.

55th TCC deliberation:

ERPC Secretariat informed that BSPTCL has requested for appraisal report of the islanding scheme in A5 format of PSDF and the same has already been sent to them for onward submission to PSDF.

As per 239th OCC:

SLDC Bihar apprised:

- L1 bidder has already been finalized.
- Revised Board approval for 70% PSDF funding was obtained on 16 March.
- The proposal has been submitted to NLDC on 26 March for sanction of funds.

239thOCC Decision

OCC opined that the issue may be pursued with PSDF committee to expedite approval process.

3. Ib Valley TPS Islanding Scheme (Odisha)

IB valley TPS Islanding scheme has also been put on hold for long time. The status regarding the same has been sought on urgent basis by Ministry of Power (Govt of India).

In 233rd OCC Meeting,

OPTCL updated that DPR i.r.o IB Valley TPS Islanding Scheme is not yet prepared and the proposed scheme is under review of Director, OPTCL.

- OCC took a serious note on slow progress in implementation of IB Valley TPS Islanding Scheme since this scheme has been pursued by ERPC since last five months.
- OCC advised OPTCL to highlight the importance of IB Valley TPS Islanding Scheme at the appropriate level and revert back within fortnight of December and the matter is referred to TCC for detailed deliberations.

As per TCC meeting

Director(Op), OPTCL stated that they need a clarification regarding load quantum required for islanding operation and as per their assessment load of 140-160 MW can be arranged at Budhipadar end for islanding operation.

OPGC representative replied that minimum load of 150 MW is required for islanding operation with one unit of IB TPS.

55th TCC decision

- After deliberation, it was finalized that the scheme will be implemented with minimum load quantum of 140 MW at Budhipadar along with one unit of IB TPS generation.

- TCC pointed out the inordinate delay in implementing the scheme and opined that OPTCL & OPGC shall take necessary steps to implement the scheme within six months.

As per 238th OCC:

OPTCL updated:

Work order has been reportedly issued by OPGC to PRDC

ERLDC apprised:

- Multiple revisions have been done in the scope of this islanding scheme. While earlier it was a two-unit configuration, in revised scheme one-unit configuration has been proposed with reduced load.
- Dynamic study of the original scheme had earlier been carried out by ERLDC.

238thOCC Decision

- ✓ OPGC was advised to clarify the role of vendor whom the work order has been placed, i.e. whether it is for study or implementation of the scheme.
- ✓ ERLDC was advised to complete the revised study of IB Valley TPS islanding scheme with one-unit configuration.
- ✓ OCC sub-group to be formed as suggested that will coordinate with stakeholders and submit progress report in OCC.

As per 239th OCC:

OPTCL updated:
An MoU has been signed with OPGC. Approximately 140 MW load has been identified.
Discussions regarding some minor loads are also underway.

ERLDC informed that base case for the revised study of IB Valley TPS islanding scheme with one-unit configuration has been sought from SLDC Odisha.

239thOCC Decision
OCC advised ERLDC & SLDC Odisha to share the revised study in upcoming OCC.

4.Bhubaneswar Islanding Scheme (Odisha)

Nomination for sub-group of islanding scheme implementation in ER is still awaited.

As per 239th OCC:
Odisha representative updated that:

- BPBL (Bhubaneswar Power Limited) units (65X2=130 MW) have been identified for islanding of the capital city of Bhubaneswar.Bhubaneswar islanding is slightly challenging due to absence of nearby generating stations.
- PRDC is carrying out feasibility studies in connection with the proposed Bhubaneswar Islanding Scheme.

239th OCC Decision

OCC advised SLDC Odisha and OPTCL to send nominations for recently constituted islanding sub-group of ER positively by the next week.

5. Farakka islanding scheme

This is presently not in service due to long outage of 220 kVFarakka-Lalmatia line.

Deliberation in 56th TCC meeting

JUSNL informed that they have already provided data regarding Ranchi islanding scheme.

SLDC Bihar informed that the PSDF Appraisal committee has approved the PSDF grant proposal of Patna islanding scheme and the approval from the PSDF monitoring committee is awaited.

OPGC informed that those necessary lines have been identified for Ib valley islanding scheme but base data is required from SLDC Odisha for further action.

TCC Decision:

TCC noted.

ERPC Decision:

The forum advised that the matter may be regularly followed up in OCC meetings.

14. Scheduling issue of "Power to be sold outside long term PPA" from generating stations: ERPC Secretariat

- ☐ As per MOP allocation order dated 09.12.2010, for Farakka – III, 70 % was firm allocation, 15 % was unallocated and remaining 15% was "Power to be sold outside long term PPA". Recently on 26.02.2026, GUVNL and NTPC entered into PPA for the 15% "Power to be sold outside long-term PPA" of Farakka-III and sought to revise the allocation of Gujarat/GUVNL from NTPC Farakka-III. ERPC could not revise the allocation due to unavailability of any order from MoP in this regard and as NTPC was the custodian of the said power.
- ☐ Subsequently, from the mail dated 27.02.2026 of ERLDC it was learnt that ERLDC had increased the entitlement of Gujrat/GUVNL to 21.948474% considering 15% share (as per PPA between NTPC & GUVNL) added to the existing share of 6.948474 % of GUVNL from Farakka-III. The necessary provision for carrying out scheduling as per the share of percentage has been incorporated in WBES w.e.f. 00:00 Hrs. of 01.03.2026 as per the request from NTPC and consent letter of GUVNL.
- ☐ Considering that the category of both the power is quite different, one is falling under the GoI allocated power and the other one is merchant power sold through bilateral agreement, ERLDC was requested vide letter dated 16.03.2026 to schedule the power to Gujrat/GUVNL under two separate categories of power (GoI allocated & merchant) from Farakka -III for making it distinct power allocation. However, ERLDC is yet to comply with the same.

As per 56th CCM meeting

- ✓ Representative of West Bengal submitted that the two categories of power, namely GoI allocation and share allocation based on bilateral PPA, are distinct in nature and therefore scheduling may be carried out separately for each category.

- ✓ Representative of GRIDCO also expressed their views in line with West Bengal regarding separation of two different categories of power, i.e., one is GoI allocated share and the other as Merchant power.
- ✓ Representative of NTPC submitted that, historically, GoI allocation and share allocation based on bilateral PPA were being published in a combined manner, and scheduling was also being carried out considering the combined allocation. Since no issue had arisen due to such combined scheduling practice, the same methodology may continue.
- ✓ SE (Commercial), ERPC submitted that, although all accounts are presently being carried out for the share based on bilateral PPA, the nature and character of the GoI allocation and bilateral PPA-based share are distinct. Accordingly, both categories of power may be shown separately in all accounts published by ERPC.
- ✓ Representative of NLDC submitted that, both GoI share allocation and bilateral PPA are considered as "Share" as per the definition provided under IEGC 2023. Further FTSPP_III is a section 62 power station whose tariff is determined by CERC for the entire station. The PPA contains the provision of both MW and % (percentage) based allocation. Further the PPA payment terms are same as applicable for GoI share. All the relevant CERC regulations are equally applicable for both categories in this case. Accordingly, both categories may be accorded similar treatment in all commercial accounting including REA, incentive and compensation calculation in accordance with the extant regulations.
- ✓ It was highlighted that, on earlier occasion as well, when this capacity was tied up by FSTPP-III with beneficiaries, ERPC used to prepare share allocation considering such bilateral PPA also. Further in a similar case pertaining to Korba-III under WRLDC, allocation is being published by combining both categories of allocation, and scheduling is also being carried out considering the combined allocation. It was also noted that many section 62 power plants would be completing 25 years and new scenarios would emerge. NLDC further suggested that, in order to maintain uniformity of practice across all regions and considering that similar cases may arise in future, the matter need to be looked holistically and may be referred to the upcoming NPC meeting for detailed deliberation. Till such time, the existing practice of scheduling by combining both categories of power may continue.
- ✓ After detailed deliberations, the forum decided to refer the matter to the upcoming NPC meeting for taking a uniform approach at National level in this regard. The matter is also referred to 56th TCC meeting.

  Till such time, the present practice from March 2026 onwards for scheduling and Accounting shall continue.

Deliberation in 56thTCC meeting

Member Secretary intimated that power sold to bilateral agreement under "Power to be sold outside long term PPA" could not be shown in the allocation by ERPC as it has not been done by MoP. Considering the nature of different category of power, ERPC proposed for showing them separately and accounting procedure would not be impacted in any form to NTPC.

Considering the importance of the issue from an all India perspective, MS, ERPC proposed to refer the issue to NPC for adopting an uniform procedure among all the Regions.

TCC Decision:

The forum agreed to refer the matter to NPC and forwarded the matter to ERPC for concurrence.

Deliberation in 56thTCC meeting

ERLDC submitted that share allocated by the GoI and the share agreed between the generating

station and beneficiary through contracts and implemented through GNA/TGNA may be treated at par. ERLDC also informed that, in cases where similar category of generating stations have entered into long-term PPAs bilaterally with their beneficiaries, ERPC and WRPC have historically issued share allocations of such beneficiaries by combining the power sold under bilateral PPAs with the allocation made by the GoI.

NTPC requested to consider both the power in a single category as it was being done earlier. They also informed the forum that in Western region similar procedure was adopted for NTPC Korba.

MS ERPC stated that ERPC Secretariat hasn't issued the share allocation order for the power sold to Gujarat through bilateral PPA under category "Power to be sold outside long term PPA" as the allocation order has not been issued by MoP.

He further informed that considering the distinct nature of power (being sold through bilateral PPA), ERPC Secretariat proposed for showing them separately in schedule and accounting of NTPC would not be impacted. He also stated that presently there is no guideline from CEA/ MoPfor treating "Power to be sold outside long term PPA" by generating stations through bilateral PPA at par with Power allocated by MoP to any specific entity.

TCC Decision:
Considering the importance of the issue from an all-India perspective, TCC referred this matter to NPC for adopting a uniform procedure among all the Regions.

Deliberation in 56th ERPC meeting

Member Secretary stated that category of power sold through bilateral PPA under the category of "Power to be sold outside long term PPA" is different from power allocated through Share allocation order issued by Ministry of Power. These two categories cannot be combined because of their separate identity and it would not impact the accounting of NTPC.

Member (GO&D) agreed with the view of Member Secretary.

ERLDC stated that earlier scheduling of these categories of power was being done together.

Representative of WBSEDCL suggested that considering the matter has importance in national level, same may be referred to NPC so that a common approach may be adopted for all the regions.

ERPC Decision

Forum referred the matter to NPC and advised ERPC secretariat to maintain the status quo till a uniform approach is taken by NPC.

15. Major outstanding Details of Constituents pertaining to Deviation, Reactive, Legacy, Deficit recovery Charges.

The details of major outstanding as on 27.04.2026 considering the ERPC bills dated 15/04/25 (Wk- 30/03/26 to 05/04/26) pertaining to DSM and Reactive charges along Legacy Dues, Deficit recovery statements published by NLDC till 09.01.2026 are tabulated below-

Jharkhand:

	Outstanding
DSM (in Cr)	₹ 16.10 Cr /-
Reactive	₹ 11.20 Lakhs
Deficit recovery Statement dated 09.01.26	₹ 2.35 Cr /-

Sikkim:

	Outstanding
DSM (in Cr)	₹ 43.74 Cr /-
Deficit recovery Statement dated 31.10.25	₹ 84.04 Lakhs
Deficit recovery Statement dated 14.11.25	₹ 22.38 Lakhs
Deficit recovery Statement dated 28.11.25	₹ 22.65 Lakhs
Deficit recovery Statement dated 09.01.26	₹ 15.43 Lakhs

The DSM Outstanding of Sikkim is piling up and has reached to Rupees 43.74 crores (From Week 11 of FY 2023-24 to Week 1 of FY 2026-27). Recently LC was also encashed pertaining to amount of Rupees 55,16,800 /- on 04-12-2025. Also post encashment of LC, Sikkim has to recoup the Letter of Credit which has not being done.

The details of last 5 payments made by Sikkim against DSM Outstanding are tabulated below -

Amount(in Rs)	Date
1,50,00,000	30-03-2024
1,50,00,000	17-04-2025
91,94,531	21-07-2025
2,00,00,000	02-12-2025
55,16,800	04-12-2025 (LC Encashment)

Matter of Outstanding dues of Sikkim has affected the inflow of Pool account and requires immediate intervention.

Further, the details of other pool members are enclosed as **Annexure-B.2.18**. This includes only principal amount. Moreover, the interest charges also need to be paid once issued.

Deliberation in the 56th CCM meeting

The forum raised their concern regarding long and huge outstanding by Jharkhand & SIKKIM and advised to confirm the schedule for payment of outstanding dues at the earliest.

The forum decided to refer the issue to the 56th TCC meeting for drawing attention of the TCC members.

Deliberation in 56th TCC meeting

Sikkim updated that they will clear the dues once budgetary allocation has been made for the same.

TCC Decision:
TCC noted.

ERPC Decision:
Forum advised the defaulting constituents to clear their dues at the earliest.

16. Opening of LC by ER constituents for DSM payments.

The details of LC amount required to be opened, as per ERLDC letter dated 23/04/2024, for default in FY 2025-26 by ER constituents is given in table below:

Sl. No	ER Constituents	LC Amount (110% of Average weekly Deviation Charge liability) in ₹	Remarks
1	Bihar	₹ 1,37,30,451	-
2	Jharkhand	₹ 1,52,16,749	-
3	DVC	₹ 64,58,627	-
4	Sikkim	₹ 38,92,572	-
5	NTPC	₹ 4,64,90,481	-
6	MPL	₹ 2,03,369	-
7	APNRL	₹ 4,58,388	LC of ₹ 8,33,680 /- Valid upto 12.05.2026
8	Chuzachen	₹ 4,30,874	-
9	GMR	₹ 7,82,430	-
10	JIPL	₹ 14,16,996	-
11	JLHEP	₹ 37,624	-
12	NVVN-Nepal	₹ 1,52,00,422	-
13	BRBCL	₹ 12,87,114	-
14	Dikchu	₹ 3,05,914	-
15	PGCIL-Alipurduar	₹ 1,22,995	-
16	Tashiding HEP	₹ 1,01,351	-
17	East Central Railway	₹ 9,99,522	-

18	JSW Energy (Utkal) Limited	₹ 3,79,68,706	-
19	PVUNL	₹ 22,58,225	-

Further, the details of other pool members are enclosed as Annexure-B.2.18.1.

Deliberation in the 56th CCM meeting
The forum advised all the entities to maintain requisite amount of LC and submit the details to ERLDC at the earliest.

The forum decided to refer the issue to the 56th TCC meeting for drawing attention of the TCC members.

TCC Decision:
The forum advised all the entities to maintain requisite amount of LC.

ERPC Decision:
Forum advised ER constituents who are not maintaining requisite amount of LC for necessary compliance in this regard at the earliest.

17. **Status of Outstanding dues more than 45 days:CTU**

Sl. No	Name of DIC's	Total Outstanding Dues (in Cr.)	Outstanding Dues more than 45 days (in Cr.)
(i)	Odisha Power Generation Company Limited (OPGCL)	**11.11**	**11.11**
(ii)	West Bengal State Electricity Transmission Company Ltd. (WBSETCL)	**28.91**	**28.91**

As per 56thCCM meeting:
- ✓ The forum advised all the entities to clear the outstanding dues of CTU at the earliest.
- ✓ The forum decided to refer the issue to the 56th TCC meeting for drawing attention of the TCC members.

Deliberation in 56thTCC meeting
OPGC and WBSETCL informed that the matter is sub-judice before APTEL.

TCC Decision:
The Forum opined that since the matter is sub-judice, the matter may not be deliberated at this point of time.

ERPC Decision:
Forum advised all the concerned DICs' to clear the dues.

18. Discussion on change of default option in WBES from "Total Full Requisition" to "Full Surrender" and request to keep it on hold till proper discussion with beneficiaries & Regulatory clarity: WBSEDCL

Ref.:

(i) ERLDC communication dated 02.04.2026 regarding proposed change of default requisition option in WBES;**(Annexure B.2.21.1)**
(ii) ERLDC letter dated 16.04.2026 regarding implementation of "Full Surrender" as default option in WBES w.e.f. 21.04.2026;**(Annexure B.2.21.2)**
(iii) WBSEDCL email dated 18.04.2026 addressed to Member Secretary, ERPC, requesting deferment of implementation;**(Annexure B.2.21.3)**
(iv) Email from ERLDC regarding deferment of implementation up to 07.05.2026; **(Annexure B.2.21.4)**
(v) WBSEDCL reiteration email regarding objection to the proposed change dated 06.05.2026 **(Annexure B.2.21.5)**

ERLDC, vide its earlier communications dated 02.04.2026 and 16.04.2026, proposed implementation of "Full Surrender" as the default option in WBES for day-ahead requisition submission in place of the existing default option of "Total Full Requisition". WBSEDCL, vide email dated 18.04.2026, had already conveyed its strong objection to the said proposal and requested deferment, as the proposed change has serious operational, commercial and contractual implications for beneficiaries.

Subsequently, ERLDC has communicated deferment of implementation up to 07.05.2026. WBSEDCL has again reiterated its objection through mail dated 06.05.2026, since the matter has not been discussed with beneficiaries in detail and no exchange of views has taken place before proposing such major change in WBES default scheduling philosophy.

In the demonstration session organised by ERLDC on 28.04.2026 regarding implementation of the proposed change, WBSEDCL, along with Bihar, Odisha and Jharkhand, strongly opposed the change from "Total Full Requisition" to "Full Surrender". ERLDC referred to Clause 49(1)(f)(i) and 49(1)(f)(ii) of IEGC 2023 as the basis for the proposed implementation. However, on examination, the said provisions appear to require furnishing of time-block-wise requisition for drawal by SLDC / drawee GNA grantees in accordance with contracts, but do not appear to mandate "Full Surrender" as the default option in WBES.

As per 56th CCM meeting:

Representative of NLDC submitted that, the practice of default option in WBES was "Total Full Requisition". Accordingly, in cases where a beneficiary does not submit any requisition for a generating station, the system considers it as full requisition and prepares the schedule accordingly. Such default treatment leads to unintended over scheduling and violation of GNA by states.

Representative of West Bengal was of the view that as the burden of Capacity Charges is fully borne by the beneficiaries, implementation of full surrender option would violate the basic rights of requisition of power of the beneficiary from the station. He further submitted that proper stakeholder consultation has not been carried out before implementation of the above option.

The forum was of the view that the matter may be taken up in other higher forums with all the stakeholders for further deliberation and implementation. The forum also referred the issue to the upcoming 56th TCC meeting.

WBSEDCL submits that beneficiaries having long-term PPAs with ISGS stations are entitled to their allocated share unless the same is consciously surrendered or revised by them. Treating non-submission of requisition as zero requisition may adversely affect contractual entitlement, commercial liability and day-ahead demand-supply planning. Therefore, such change should not be implemented unilaterally without detailed deliberation and consensus among beneficiaries/stakeholders.

ERPC may kindly deliberate upon the issue and advise ERLDC / NLDC to keep the proposed change in abeyance, clarify the specific regulatory mandate, if any, for changing the default option to "Full Surrender", and reimplement the earlier default option of "Total Full Requisition" till a final decision is taken after detailed stakeholder consultation.

ERPC may also advise that any modification in WBES default requisition mechanism should be implemented only after discussion in the appropriate ERPC/OCC forum and after providing adequate opportunity to all beneficiaries to place their views.

56th TCC Decision:

Considering the importance of the issue from an all-India perspective, the forum proposed to refer the issue to NPC and referred the matter to ERPC for concurrence.

Deliberation in 56th ERPC Meeting

Representative of DISCOMs from West Bengal, Odisha and Bihar expressed their displeasure regarding the change of default option in WBES from "Total Full Requisition" to "Full Surrender" without consultation with ER stakeholders. They also stated that in the changed methodology of WBES, if any utility is not able to punch their requisition, it is resulting in their entitled share becoming zero. They urged that the option maybe implemented only after due consultation with stakeholders.

ERLDC submitted that regarding WBSEDCL's concern that specifying the default requisition of beneficiaries who have long term share on the capacity of a CGS plant in WBES as NIL amounts to curtailing their basic rights, ERLDC clarified, that the entitlement of each beneficiary from each CGS plant on whose capacity it has share allocation is being published in the WBES system on a day-ahead basis. Beneficiaries are free to requisition from such CGSs any quantum of power up to their full entitlement by 08:00 Hrs on D-1 basis for the corresponding D-day schedule. Therefore, the rights of beneficiaries are not being violated in any manner.

ERLDC further informed that the matter was discussed during the 238th OCC meeting and as per the directions of the OCC forum, a handholding session was organised by ERLDC on 17.04.2026.

ERLDC also stated that, based on the feedback received from beneficiaries of the Eastern Region, provisions such as automatic email reminders for requisition submission (if left to the default zero value) and a single-click option to punch generator wise full requisition for all time blocks were incorporated to facilitate the states prior to implementation of the new system on 06.05.2026 for scheduling with effect from 07.05.2026. Since implementation of the revised mechanism, no issues have been faced or raised by any beneficiary of the country, including Eastern Region.

Further, ERLDC mentioned that reverting to the earlier practice of considering full entitlement as the default requisition cannot be implemented separately for the Eastern Region alone, as the change in default requisition mechanism has been implemented uniformly across the country in the WBES platform.

Member (GO&D), CEA opined that the change of default option in WBES from "Total Full

Requisition" to "Full Surrender" should have been implemented only after due consultation with all stakeholders and he inquired that whether consultation was held in other regions for the same.

MS, WRPC informed that no consultation was held in WR, and beneficiaries in WR are also facing similar difficulties.

Member (GO&D), CEA stated that the default option in WBES from "Total Full Requisition" to "Full Surrender" should be implemented after due consultation with all stakeholders.

ERPC Decision:
The forum endorsed the views of Member (GO&D), CEA and advised ERLDC/NLDC that the default option of full surrender maybe stopped in WBES and it may be implemented after due consultation with all stakeholders.

19. List of Assets commissioned in the recent past in Eastern Region (ER)

A	***Strengthening of OPGW Network within the ER Grid and Connectivity with other Region***	**DOCO**	**Remarks**	**Region**
1	765kV Jharsuguda-Dharmjaygarh OPGW Link (148.603 KM) along with 2nos. of SDH equipment and 4 nos. OLIC at Jharsuguda and Dharmjaygarh end	31-08-2024	DOCO Letter Dtd. 08-10-2024	ODP
2	Durgapur - Farakka OPGW Link (OPGW Network - 157.745 kM)	23.06.2024	DOCO Letter Dtd. 01.08.2024	ER-II
3	Durgapur - Sagardighi OPGW Link (OPGW Network - 133.572 kM) & Farakka-Purnea OPGW Link (OPGW Network - 179.643 kM)	25.06.2024	DOCO Letter Dtd. 01.08.2024	ER-II
B	***Upgradation of SCADA/RTUs/SAS in Central Sector stations and Strengthening of OPGW network in Eastern Region***	**DOCO**	**Remarks**	**Region**
4	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 09 locations (Chaibasa 400 KV, Gaya 765 KV, Kishenganj 400 KV, New Ranchi 765 kV, Chandwa 400 KV, Daltonganj 400 KV, Banka 400 kV, Lakhisarai 400 KV, Sasaram 765KV HVDC) and Implementation of BCU Based Substation Automation System (SAS) at 02 locations (Ara 220KV & Purnea 220KV)	21.12.2023	DOCO Letter Dtd. 25.07.2024	ER-I
5	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 02 locations (220/132KV Birpara, 220KV New Melli SS)	31.03.2023	DOCO Letter Dtd. 05.09.2024	ER-II

6	Upgradation of SAS (Substation Automation System Hardware/License upgradation) at 05 locations (765/400kV Angul, 400/220 kV Bolangir, 400/220 kV Keonjhar, 765/400 kV Sundargarh, 400/220 kV Pandibili)	10-02-2023	DOCO Letter Dtd. 03.10.2024	ODP
7	Rangpo-Dikchu HPS OPGW Link (OPGW Network – 32.176 kM) and Upgradation of 01 no RTU at 400/220 kV Binaguri SS	12.09.2024	DOCO Letter Dtd. 26.11.2024	ER-II
8	Upgradation of 01 no RTU at 132/66 kV Gangtok SS	04.08.2024	DOCO Letter Dtd. 26.11.2024	ER-II
C	***Eastern Region Expansion Scheme (ERES) – XXXVI***	**DOCO**	**Remarks**	**Region**
9	Installation of new 220/132 kV, 1x200MVA (4th) ICT along with associated bays & 132KV Cables at Ara (POWERGRID) Substation	18.08.2024	DOCO Letter Dtd. 19.09.2024	ER-I
D	***Eastern Region Expansion Scheme (ERES) – XXVII***	**DOCO**	**Remarks**	**Region**
10	Installation of 420 kV, 1 X 125 MVAr Bus Reactor along with associated bays at Alipurduar (POWERGRID) Substation	26-09-2024	DOCO Letter Dtd. 24-10-2024	ER-II
E	***Eastern Region Expansion Scheme (ERES) – XXXI***	**DOCO**	**Remarks**	**Region**
11	Installation of new 420 kV, 1 X 125 MVAr Bus Reactor along with associated bays at Jamshedpur (POWERGRID) Substation	08-10-2024	DOCO Letter Dtd. 20-11-2024	ER-I

ERPC Decision:

ERPC noted.

20. Third party protection audit for critical substations: ERPC Secretariat

- As per IEGC 2023 Clause 15.2, "All users shall also conduct third party protection audit of each sub-station at 220 kV and above (132 kV and above in NER) once in five years or earlier as advised by the respective RPC."
- Further, IEGC 2023 Clause 15.3 states that "After analysis of any event, each RPC shall identify a list of substations / and generating stations where third-party protection audit is required to be carried out and accordingly advise the respective users to complete third party audit within three months."

☐ In 55th TCC& ERPC Meeting, ERPC approved budget estimate of Rs. 60(sixty) lakhs to carry out third party protection audit of 15(fifteen) nos. substation by ERPC Secretariat in FY 2026-27. Further ERPC Secretariat was advised to finalize the location of the proposed 15 substations in the OCC/PCC meeting.

☐ This matter was discussed in 155th,156th &157th PCC Meeting of ERPC and the following 15 substations have been finalized for third party audit:

1. 400/220 kV Mendhasal (OPTCL)	6. 220 kV Subhasgram(WBSETCL)	11. 220 kV Begusarai(BSPTCL)
2. 400/220 kV New Duburi (OPTCL)	7.220 kV Kasba(WBSETCL)	12. 220 kV Hazipur(BSPTCL)
3. 220 kV Jayanagar (OPTCL)	8. 400/220 kV Arambag (WBSETCL)	13. 220 kV Darbhanga (BSPTCL)
4. 220 kV Indravati HEP(OHPC)	9. 400/220 kV Bidhannagar (WBSETCL)	14. 220 kV Balimela(OHPC)
5. 220 kV Rengali (OPTCL)	10. 400/220 kV Gokarno (WBSETCL)	15. 220 kV Rengali (OHPC)

ERPC Decision:

ERPC noted.

21. **Data Collection for monitoring Pan-India Captive Generating Capacity: ERPC**

Present electricity generation figures reflect only the power generated by the utilities and do not capture the gross electricity generation from Captive Power Plants (CPPs). Accounting for generation from these sources is essential to arrive at a comprehensive assessment of total energy generation and actual power consumption beyond utility-based generation.

In the meeting taken by Secretary (Power), Govt of India on 17.12.2025, it was decided that the State Chief Electrical Inspectors (CEIs) / State Load DespatchCentres (SLDCs) shall act as the nodal agencies for collection of Captive Generation & Open Access data for their respective States. **(Annexure 2.1)**

At present, the Central Electricity Authority (CEA) collects details of Captive Power Plants having an installed capacity of 0.5MW and above in Format-21 prescribed under Central Electricity Authority (Furnishing of Statistics, Returns and Information) Regulations, 2007.

In order to collect monthly data of captive generation, an online portal (https://intranet.cea.gov.in/captiveNew/) for data collection has been developed in CEA and the monthly data collection process needs to be streamlined through this portal with the involvement of Regional Power Survey Offices (RPSOs).

The current status of CPP registration for Eastern Region is as follows:

1. Total No. of CPPs as per Format 21 replies in FY2024-25: 226 Nos.

2. No. of CPPs registered on the portal from FY2024-25 list: 125 Nos.

In 239th OCC meeting, OCC was apprised that Ministry of Power has mandated collection of captive generation data and in this regard, CEA has developed a dedicated portal for registration and monthly data submission by captive generators. RPSO,CEA delivered a brief presentation on Captive Power Portal of CEA and apprised that, as on date,125 entities of the Eastern Region have registered successfully on the CEA-Captive Power Portal(Registration Status Of CPPs attached at **Annexure 2.2**)

OCC Decision

OCC advised concerned SLDCs as well as DISCOMs in ER to ensure that all CPPs under their jurisdiction get registered on the said portal (https://intranet.cea.gov.in/captiveNew/) at the earliest and ensure submission of monthly captive generation data from April 2026 onwards. The modalities of registration and data submission on Captive Power Portal of CEA are enclosed at **Annexure 2.2**.

TCC Decision:

TCC advised SLDCs/CEI to ensure submission of captive generation data for the complete FY 2025-26 on month-wise basis to the respective RPCs latest by 30th May 2026.

TCC further asked SLDCs that they should advice CPPs to submit data through online portal of CEA regularly.

ERPC Decision:

ERPC noted.

22. **Methodology for Reactive Energy Accounting between India and Bhutan: CEA**

India and Bhutan share unique and exemplary bilateral relations, which are based on mutual trust, goodwill and understanding. Mutually beneficial hydro-power cooperation with Bhutan is a key pillar of bilateral economic cooperation. An Agreement between the Government of the Republic of India (GOI) and the Royal Government of Bhutan (RGoB) concerning Cooperation in the field of Hydroelectric Power was signed on 28th July, 2006 and its Protocol was signed in 2009. Four hydro-electric projects (HEPs) namely Tala, Chhukha, Kurichhu and Mangdechhu, totalling 2,136 MW are supplying electricity to India under Government to Government (G2G) mode. Further, Dagachhu HEP and Basochhu HEP are supplying power to Indian entities/Indian power exchanges through separate agreements. From past few years, Bhutan is also importing electricity during the winter months from Indian Power Exchanges. The methodology for compliance of Deviation Settlement Mechanism (DSM) w.r.t. active power has already been agreed between India and Bhutan during 4th meeting of JTT held on 25.04.2024.

The detailed methodology is attached as **Annexure 4**.

Deliberation in 56th TCC meeting

CEA informed regarding the latest Methodology for Reactive Energy Accounting between India and Bhutan. ERPC secretariat informed that they have already implemented the same.

TCC Decision:

TCC noted.

ERPC Decision:

ERPC noted.

23. **Agenda Items for Stakeholder's Interaction on CERC Regulations**

CERC has proposed an interaction session with various stakeholders to receive feedback on the following CERC regulations: -**(Annexure 5)**

(i) CERC (Connectivity and General Network Access to the inter-State Transmission System) Regulations, 2022
(ii) CERC (Indian Electricity Grid Code) Regulations, 2023
(iii) CERC (Sharing of inter-state transmission charges and losses), Regulations, 2020.
(iv) CERC (Deviation Settlement Mechanism and Related Matters) Regulations, 2024

The interaction sessions shall be tentatively scheduled in the month of June and July 2026. Therefore, CERC has requested to collect specific agenda items and points for discussion separately on each regulation from all the relevant stakeholders in all respective RPCs on the above-mentioned regulations of CERC and share the same within a period of fifteen days from the date of issuance of this letter.

TCC Decision:

TCC advised all stakeholders to give their inputs/ agenda points on the above CERC regulations to ERPC secretariat at the earliest.

ERPC Decision:

ERPC noted.

***End**

Annexure A

Attendance sheet for 56th TCC & RPC

	Organisation	Name	Designation	Phone Number	Email Id	Sign. (TCC)	Sign. (RPC)
1	APNRL	Shri Amal Baidya	Sr. General Manager Operations	9771491268	amalbaidya@adanipower.com		
2	BSPHCL	Shri Ajay Yadav, IAS	CMD			—	—
3	BSPHCL	Shri Tarun Kumar Singh	ESE Cum OSD to CMD	7763813819			
4	BSPHCL	Shri Chandra Shekhar Barnwa	ESE PMC	9262396388		—	
5	BSPTCL	Shri Abdesh Kumar Singh	Director (Operation)	9264477220			
6	BSPTCL	Shri Rakesh Kumar	ESE (P&E)	7763816742	rk.bsptcl@gmail.com		
7	BSPTCL	Shri Ajay Kumar Mishra	OSD (HR/Admin)	7763817973			25/03/2026
8	CEA	Shri Sandeep Kumar	Deputy Director (GM)	9868747535	sk.cea@nic.in		
9	CEA	Shri S S Bairwa	Chief Engineer PSPA-II	9868926559	ss.bairwa@nic.in		
10	CEA	Shri Hemant Jain	Member, GO&D	9818301995		—	— ✓
11	CESC	Shri Koushik Banerjee	General Manager (System Operations)	9831003281	koushik.banerjee@rpsg.in		
12	CESC	Shri Brajesh Singh	MD (Generation)	9099996744	brajesh.singh@rpsg.in	—	—
13	CPTC	Shri Mahesh Chandra Tewari	Director	9429196133	director@cptc.in	Leave.	
14	CTU	Shri K K Gupta	COO	9425894165	kkgupta@powergrid.in.	—	
15	CTU	Shri Rajesh Kumar	CGM	9811397471		21/3/26	21/3/26
16	CTU	Shri Manish Ranjan Keshari	CM	8826894864			
17	DANS Energy	Shri Shivam Khirdwal	Sr Manager	8560376797	shivam.khirdwal@adanienergy.com		
18	DMTCL	Shri Neeraj Kumar Verma	AVP	9599221645	Neeraj.Verma@energy-sel.com	Neeraj. —	
19	DPL	Shri SANJAY DAS	GM(P&P)	9434706193	s.das@dpl.net.in	25/3	26/3
20	DPL	Shri SWAPAN Kr. PATRA	AGM(Opn.)	9434710997	s.k.patra@dpl.net.in	25/3	

21	DVC	Shri S Suresh Kumar, IAS	Chairman			—	—
22	DVC	Shri Swapnendu Kumar Panda	Member Technical	9482680801	swapnendu.panda@dvc.gov.in		
23	DVC	Shri Sanjiv Srivastava	ED (Commercial)	9433727107	sanjiv.shrivastava@dvc.gov.in		
24	DVC	Shri Dinesh Singh	ED (System)	7479003573	dinesh.singh@dvc.gov.in		
25	DVC	Shri Anup Sharma	DGM	8294924779	anup.sharma@dvc.gov.in		
26	DVC	Shri Samrat Bhowmik	DGM	9434242436	samrat.bhowmik@dvc.gov.in	05/08/26	
27	DVC	Shri Vashwar Banerjee	Manager	7908044923	vashwar.banerjee@dvc.gov.in	V. Banerjee	
28	DVC	Shri Amit Jana	Senior Manager	9831152656	amit.jana@dvc.gov.in		
29	DVC	Shri Vikrant Vishal	Senior Manager	9973710660	vikrant.vishal@dvc.gov.in		
30	DVC	Shri Pramod Kumar	Manager	9064349036	pramod.kumar1@dvc.gov.in	Pramod Kumar	
31	DVC	Shri Pratik Biswas	Manager	8240559515	pratik.biswas@dvc.gov.in		
32	DVC	Md Aftab Alam	Manager	9955492890	aftab.alam@dvc.gov.in		
33	DVC SLDC	Shri Sanjay Sharma	Senior General Manager (SLDC)	8972135338	sanjay.sharma@dvc.gov.in		
34	ENICL	Shri Sanil Namboodiripad	Chief Operating Officer (COO)	7694006536	sanil.namboodiripad@indigrid.com		
35	ERLDC	Shri Surajit Banerjee	ED	9433041822		24/8/26	24/8/26
36	ERLDC	Shri Samar Chandra De	CGM (MO & SL)	9436335369			
37	ERLDC	Shri Bilash Achari	DGM (SO)			—	—
38	ERLDC	Shri Alok Pratap Singh	CM (SO)	8974707077			
39	ERLDC	Shri Sourav Mondal	CM (MO)	9402102354			
40	ERPC	Shri K B Jagtap	Member Secretary	8652776033			
41	ERPC	Shri I K Mehra	Director	9810688789			
42	ERPC	Shri R K Meena	Director	8800764640			

43	ERPC	Shri P K De	Director	9831820142	Secommitterfc@gov.in		
44	ERPC	Shri B S Ray	Deputy Director	9643193367			
45	ERPC	Shri P P Jena	Deputy Director	9776198991			
46	ERPC	Shri A Das	Deputy Director	9681214774			
47	ERPC	Shri A Basu	Executive Engineer	7076939184			
48	Greenko	Shri Pratul Gupta	Sr GM	9910408668	pratul.g@greenkogroup.com		
49	Greenko	Smt. Yashika Tyagi	Manager	8218067296	yashika.t@greenkogroup.com		
50	GRIDCO	Shri Sanjaya Kumar Mishra	CGM(El.)	8763533733	cgm.pp@gridco.co.in		
51	GRIDCO	Shri Chinmoy Kumar Dash	AGM(El.)	9438907414			
52	HPX	Shri Ankur Anand	AVP	8588043250	ankur.anand@hpxindia.com		
53	JBVNL	Shri Prabhat Kumar Srivastava	Director (Distribution & Project)	9113135622	directorjbvnl@gmail.com		
54	JBVNL	Shri Arvind Kumar	ED (Commercial & Revenue)	7004784607			
55	Jharkhand SLDC	Shri Mukesh Kumar Singh	ED (SLDC)	9431707300	edsldcranchi@gmail.com		
56	JIPL	Shri Piyush Rai	Sr.Manager Powersales & Regulatory	8447902813	ead.powersales@jindalgroup.com		
57	JIPL	Shri Sanjay Mittal	Director- Powersales & Regulatory	9811314080	sanjay_mittal@Jindalgroup.com		
58	JUSNL	Shri Praveen Kumar	Director (Project)	8987421011	dir.p.jusnl@gmail.com		
59	JUSNL	Shri Ashish Kumar ASHISH KUMAR	DIRECTOR (Operation)	9431153726	dirop.jusnl@gmail.com		
60	JUSNL	Shri M K Karmali	ED (Operation)	8987581081	edoperationjusnl@gmail.com		
61	JUUNL	Shri Ranjeet Kumar Lal, IAS	MD	8969309370	md@juunl.co.in		
62	JUUNL	Shri Rakesh Pandey	Sr Manager (Technical)	9110183517	gmtech@juunl.co.in		
63	JUVNL	Shri K SRINIVASAN, IAS	CMD	7061395511	cmdjuvnl@gmail.com	—	—
64	MPL	Shri Basudev Hansda	CEO	9040040548	bhansdah@tatapower.com		

65	MPL	Shri Sudip Dash	Head - Commercial Eastern Region (Ge	9204652869	sudipdash@tatapower.com		
66	NBPDCL	Shri Deepak Kumar	Chief Engineer (Commercial)	9264437178			
67	NHPC	Shri Surendra K Mishra	GM(E)	9910103478			
68	NHPC	Shri Jagannath Pani	SM	8700021291			
69	NTPC	Shri Anand Sagar Pandey	General Manager(Commercial)	9650990236			
70	NTPC	Shri Manish Jain	ER-I HQ Commercial	9650993493			
71	NTPC	Shri Ranjan Das	ER-II HQ Commercial	8275045435			
72	NTPC	Shri Parimal Piyush	Corporate Commercial,	9650990014		—	—
73	OGPTL	Shri Tanmay Vyas	VP Regulatory	9711473670	tanmay.vyas@indigrid.com	—	—
74	OHPC	Shri Amiya Kumar Mohanty	Director (Operation)	7328840019	akm_678@yahoo.co.in		
75	OHPC	Shri Rajib Lochan Panda	Director (Project)	9437575840	dp@ohpcltd.com		
76	OPGC	Shri Kedar Ranjan Pandu	Managing Director	9777808655	md@opgc.co.in		
77	OPGC	Shri Haresh Kumar Satapathy	AGM (C&RA)	7752020405	haresh.satapathy@opgc.co.in		
78	OPTCL	Shri P K Pattanaik	Director (Operation)	9438907492	dir.operation@optcl.co.in	—	—
79	OPTCL	Shri C K Dash	DM(El)	9438906303	ele.chkdash@optcl.co.in	—	—
80	PGCIL	Ms. Manju Gupta	Executive Director	9910378111	manju@powergrid.in		
81	PGCIL	Shri AK Naik	ED	9437022052			
82	PGCIL	Shri V.P. Shrivastava	CGM	9729672367			
83	PGCIL	Shri K.K. Prusti	CGM	8093882717			
84	PGCIL	Shri Partha Ghosh	DGM	9434748263			
85	PKTCL	Shri Dinesh Laha	AGM Regulatory	8918720645	dinesh.laha@indigrid.com		
86	PTC India Limited	Shri Manoj Kumar Jhawar	Managing Director & CEO	8319950092	manoj.jhawar@ptcindia.com	—	

87	PTC India Limited	Shri H.L. Choudhary	Executive Vice President	9873352917	hlchoudhary@ptcindia.com		
88	Rashmi Group	Shri Amit Prakash	Sr VP	9350582606	amit.prakash@rashmigroup.com		
89	SBPDCL	Shri Irshad Akhtar	ESE (Comm)	7763814050	cecom.sbpdcl22@gmail.com		
90	SBPDCL	Shri Manish Kumar	ESE (EA)	7763814047	cecom.sbpdcl22@gmail.com		
91	SHIGA Energy	Shri Arun Kumar SINGH	Sr Manager	8016875096	arun.singh@shigaenergy.com		
92	Sikkim	Shri Bikash Deokota	Secretary	9064897938			
93	Sikkim	Smt Shova Thapa	PCE- Transmission/SLDC	9434011271			
94	Sikkim	Shri Pranay Karki	Addl. CE-Transmission	7478947891 8250041204	Pranaykarki@gmail.com		
95	Sikkim	Smt Bikash Rai	Addl CE	9733397454 7797672745	bkar.cee@gmail.com		
96	SLDC Bihar	Shri Amita Nand	Chief Engineer (SLDC)	7763817705	su-bsldc@sldcbihar.gov.in	A.N-D	A.N-D
97	SLDC Odisha	Shri B.B. Mehta	Director	9438907003	dir.sldc@optcl.co.in	—	—
98	SPTL	Shri Prabhat Kumar	Associate Vice President (Projects)	9431241313	prabhat.k@greenkogroup.com		
99	SUL	Shri Vijay Kumar Bhaskar	Director	9873549042	vijaykumar.b@greenkogroup.com		
100	SUL	Shri Yogendra Kumar	Vice President	9910413388	yogendra.k@greenkogroup.com		
101	TVNL	Shri Anil Kumar Sharma	MD	9031051155	anil.sharma@tvnl.in		
102	TVNL	Shri Ashok Prasad	DGM	9031048942	ashok.prasad@tvnl.in		
103	Vedanata Ltd	Shri Satya Prasad Nayak	Head-Electrical Power Projects	9827512809	Satya.Nayak@vedanta.co.in		
104	WB SLDC	Shri Shouvik Banerjee	CE, SLDC	9434910379	ce.wbsldc@gmail.com		
105	WBPDCL	Shri Pradipta Mukherjee	Exe. Director (OS)	8336904033	pmukherjee@wbpdcl.co.in	25/5/26	26/5/26
106	WBPDCL	Shri Manas Mondal	AGM (OS)	8336903808	m.mondal@wbpdcl.co.in	—	—
107	WBPDCL	Shri Rajat Kumar Koley	SM (OS)	9474860642	rk.koley@wbpdcl.co.in	25/5/26	24/5/26
108	WBSEDCL	Shri Preetam Banerjee	Additional Chief Engineer	7003671159		25/05/26	

109	WBSEDCL	Shri Jibanlal Mallick	SE	9007608419			
110	WBSEDCL	Shri Shyamal Kanti Das	CE	7003562227			
111	WBSETCL	Shri Sukanta Biswas	Director (Operations)	9434910023	dir.operations@wbsetcl.in		
112	WBSETCL	Shri Tapas Chakrabarti	Executive Director(O&M)	9434910021	edoandmwbsetcl@gmail.com		
113	WBSETCL	Shri Ranjan Das	CE, CPD	9434910740	cpd.wbsetcl@gmail.com		
114	WRPC	Shri Deepak Kumar	Member Secretary	9999231465			
115	~~INDIGRID~~	~~DINESH LAHA~~	~~REGULATORY~~	~~[illegible]~~	~~dinesh.laha@indigrid.com~~		
116	CPTC	Mahesh Telani	Director	9152[illegible] 018133	mtelani@powergrid.in		
117	SVL	Y. Kumar	VP	991041338[illegible]	yogendra.k@[illegible]		
118	JUSNL	Govind yadav	GM	930429111[illegible]	govind[illegible]@gmail		
119	Sikkim	Ningma Sh[illegible]	CE (SLDC)	9083436894			
120	Sikkim	Pravine Chettri	C.E. (Tras)	94341 17337	pravine.chettri@gmail.com		26/5/26
121	-do-	Krishna Pradh	ACE (Tr)	99933 85398	krishna.pradh 438@gmail.com		
122	-do-	Bijay Gurung	D.E (Tr)	9800419015	bijugurung@gmail.com		
123	-do-	Nikhil Sundas	JE (EHV)	760296 5467	sundasnikhil@gmail.com		
124	-do-	Babin Regmi	JE (EHV)	97754 36355	regmibabin@gmail.com		
125	-do-	Nangyal Tashi	Addl. CE.	7797872443	nangyaltashi 26@gmail		
126	WBSEDCL	Preetam Banerji	"	7003777489	preetam71@gmail.com		
127	DMTCL	NEERAJ KUMAR VERMA	AVP	9599221098	neeraj.verma@energy-net.com		

Annexure B.2.5

POWER DEPARTMENT
GOVERNMENT OF SIKKIM

Upgradation of 66/11 kV AIS Sub-Station to 66/11 kV GIS Sub-station along with installation of 2 x 10 MVA Transformers to fulfill N-1 Contingency at Serathang Sub-Station, Restoration of 66kV S/C LLHP-Serathang Transmission Line and Bay extension at 66/11 kV LLHP Sub-Station.

REGION INTRODUCTION – SERATHANG

Key Highlights:

- Located at an altitude of approximately 13,600 feet Serathang remains snow covered for nearly six months every year.
- The surrounding areas - Tsomgo, Tamjey, Nathula, Doklam holds significant strategic importance.
- Strategic importance of the region:

i. Defence significance- supports various defence establishment and logistics in the international border region.

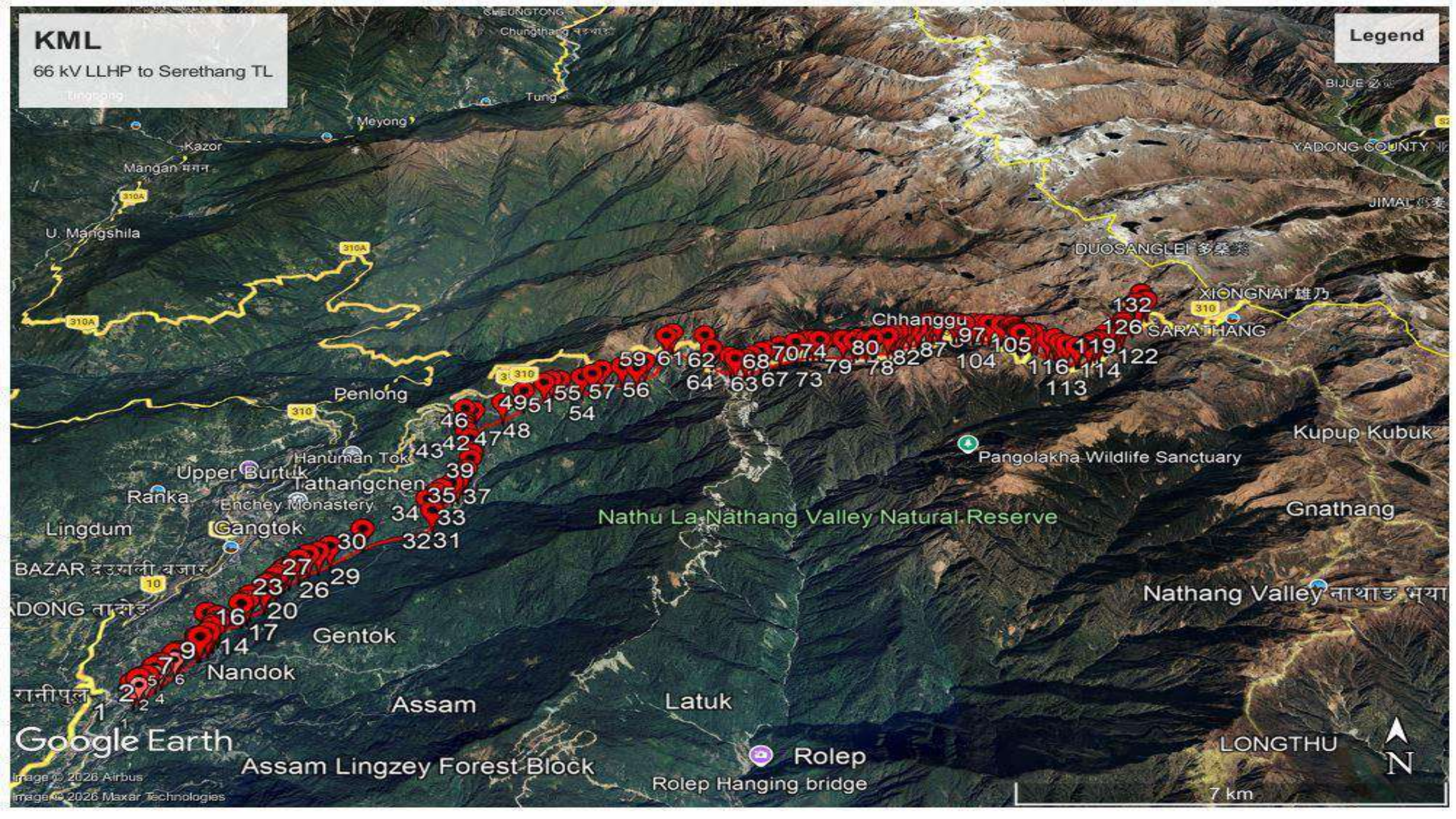
ii. International trade corridor- facilitates Indo-China border trade through the historic silk route via Nathula pass.

iii. Tourism and Pilgrimage potential- Border tourism and route for Kailash Mansarovar yatra for old yatris (Acclimatization Centres at 15th Mile and Nathula)

EXISTING 66KV PGCIL-SERATHANG TL

INTRODUCTION

- Construction started /initiated in the year 2006.
- Project included 2 X 5 MVA 66/11 kV AIS Substation and 45 KM 66kV Line.
- Initially powered through PGCIL, Gangtok Sub-station.
- Line commissioned and was on charged state for one month only.
- As line commissioned on beginning of winter, ice loading caused conductor snapping and tower damages.
- Unable to restore due to heavy snowfall as it continues for six months in the region.
- Restoration was initiated after winter however by then all switchyard equipments like CTs, PTs and power transformer were found damaged due to moisture.
- No further restorations were carried out.


KML
66 kV LLHP to Serethang TL
Legend
Tingrong
Tung
Meyong
Kazor
Mangan मंगन
U. Mangshila
310A
310
Penlong
Hanuman Tok
Upper Burtuk
Tathangchen
Ranka
Enchey Monastery
Lingdum
Gangtok
BAZAR देउराली बजार
Gentok
Nandok
Assam
Latuk
Assam Lingzey Forest Block
Rolep
Rolep Hanging bridge
Chhanggu
DUOSANGLEI 多桑雷
XIONGNAI 雄乃
SARATHANG
YADONG COUNTY
JIMAI 吉麦
Pangolakha Wildlife Sanctuary
Nathu La-Nathang Valley Natural Reserve
Kupup Kubuk
Gnathang
Nathang Valley नाथाङ भ्या
LONGTHU
Google Earth
Image © 2026 Airbus
Image © 2026 Maxar Technologies
7 km
N

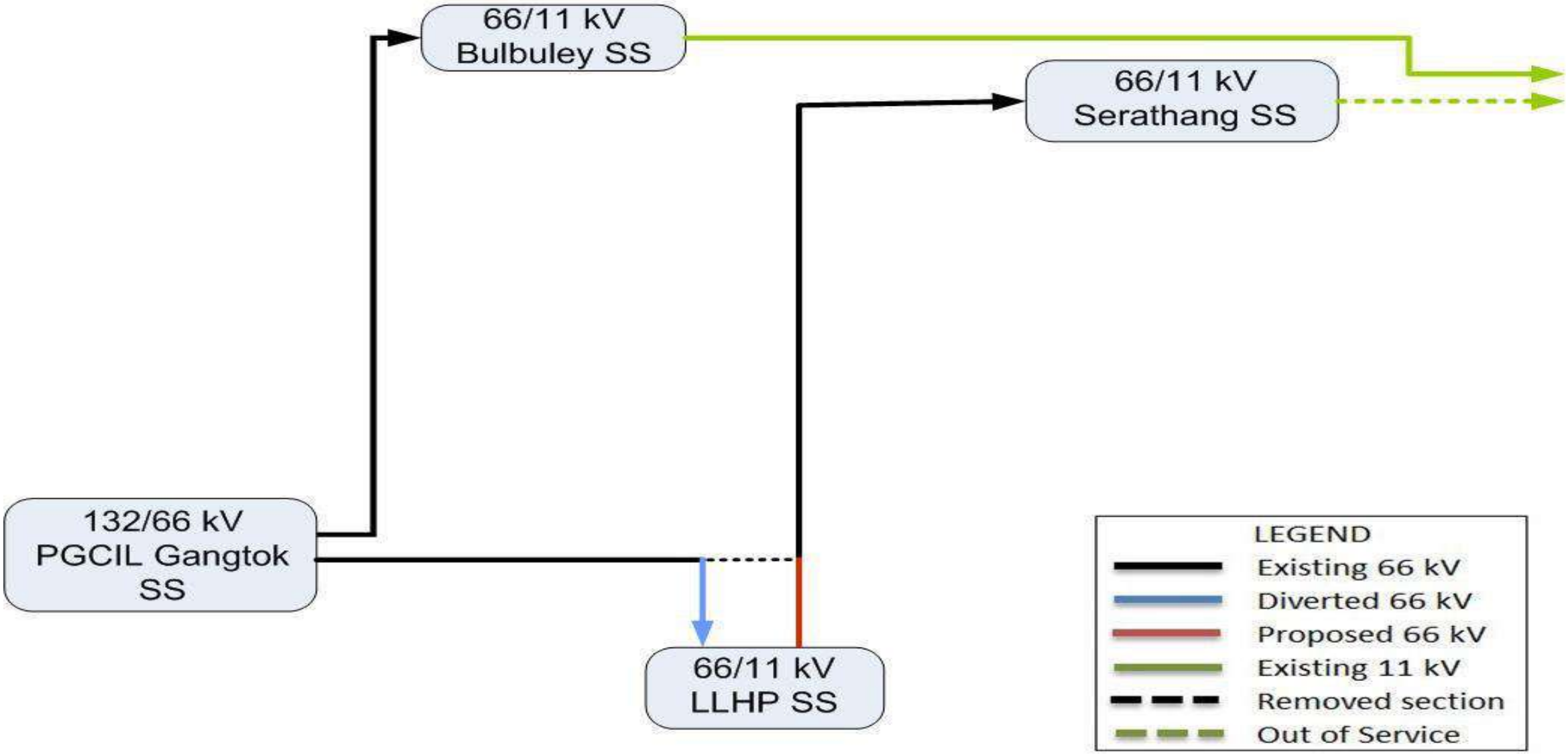
PRESENT POWER SITUATION

- Presently fed from 66/11 kV SS Bulbulay by 55 KM long 11kV Transmission Line.
- Severe voltage drop, high technical losses and zero contingency line routing.
- Current load is 3 MW.
- Expected load by 2030 is 7-8 MW.
- The same load cannot be catered by 11 kV Line.
- Due to above reasons, re-commissioning of 66/11 kV Serathang Substation is vital.

PROPOSED PROJECT (Transmission Line)

- Existing 66 kV PGCIL (Gangtok)-Serathang TL is currently diverted to 66/11 kV LLHP SS due to increase in load of Gangtok.
- Serathang 66 kV Line is proposed to be fed from LLHP SS through bay extension.
- Restoration of damaged 66 kV Transmission Line along with total re-conductoring is proposed to be carried out.
- Diversion and Shifting of Transmission Line from vulnerable locations, sinking areas.

EXISTING AND PROPOSED POWER NETWORK



PROPOSED PROJECT (66/11 kV Serathang Substation)

- 2 x 10 MVA GIS Substation (both 66kV and 11 kV) is proposed.
- Indoor Transformer are proposed to be installed.

- Design of GIS

➢ 66 kV GIS Substation:
- 66kV Incomer Bay – 1 No.
- 66kV Spare Bay- 1 No.
- Transformer Bay – 2 Nos.

➢ 11 kV GIS Substation:
- Incomer – 2 Nos.
- Bus coupler- 1 No.
- Feeder Bays – 4 Nos.
- Auxiliary – 2 Nos.

PROPOSED PROJECT (11 kV Feeders)

- The existing Over Head 11 kV system faces major disruptions during the winter season due to snowfall.

- New 11 kV Power evacuation systems are proposed to be designed in Underground system.

PROJECT BENEFIT

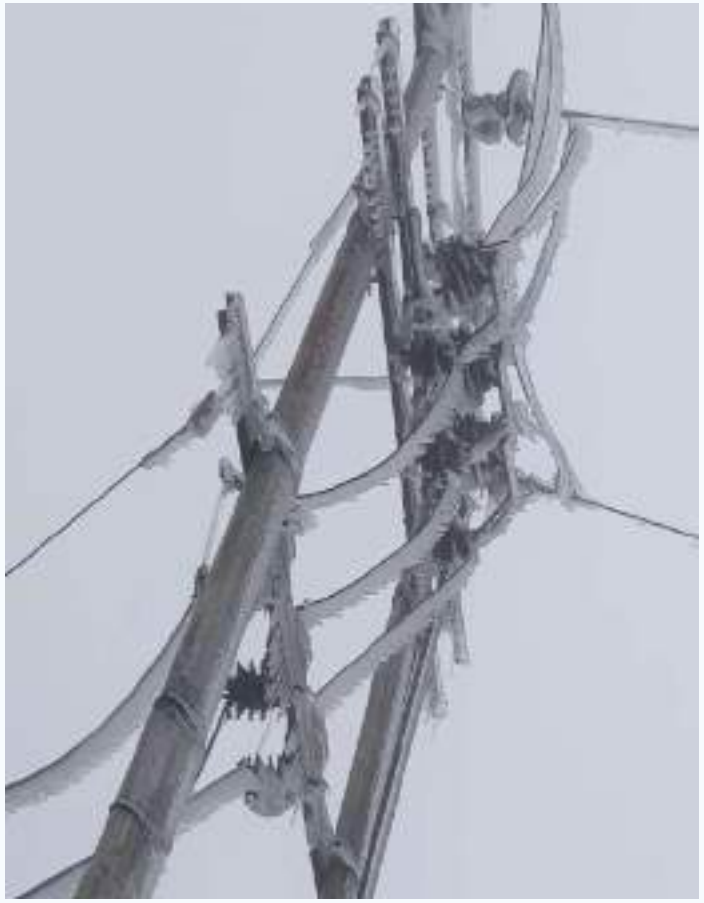
- Reliable power supply:
  - ➢ Critical Defense establishments, Army Base at 15 Mile, Nathula, Doklam along Indo-China border and local residents.
  - ➢ Acclimatization centre for Kailash Mansarovar pilgrimage at 15th Mile and Nathula.

- Stable and robust data communication to Army establishment and Acclimatization centre for Kailash Mansarovar pilgrimage via OPGW network.

Photographs (66 kV System)

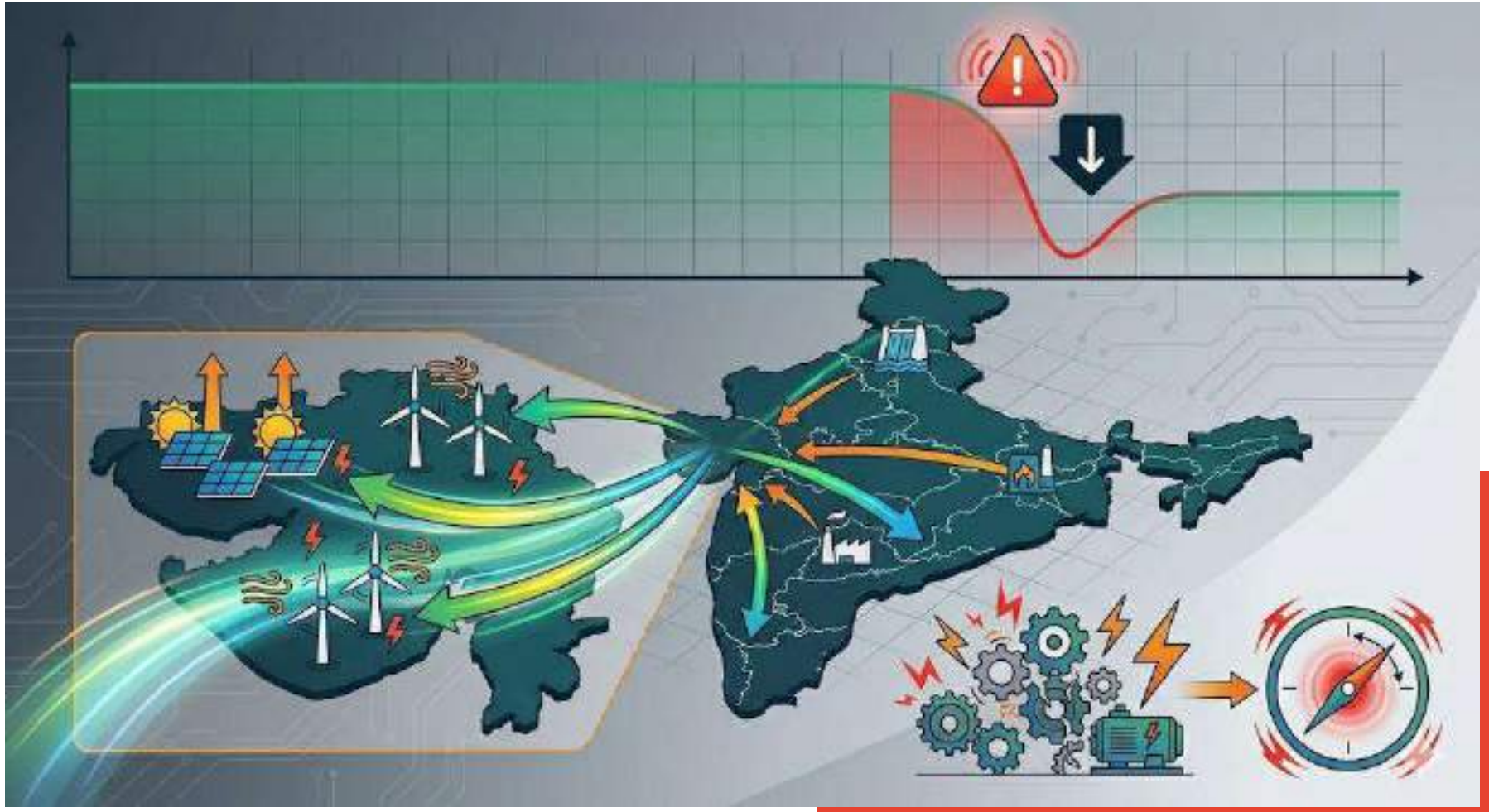
Photographs (66 kV System)

Photographs (11 kV System)



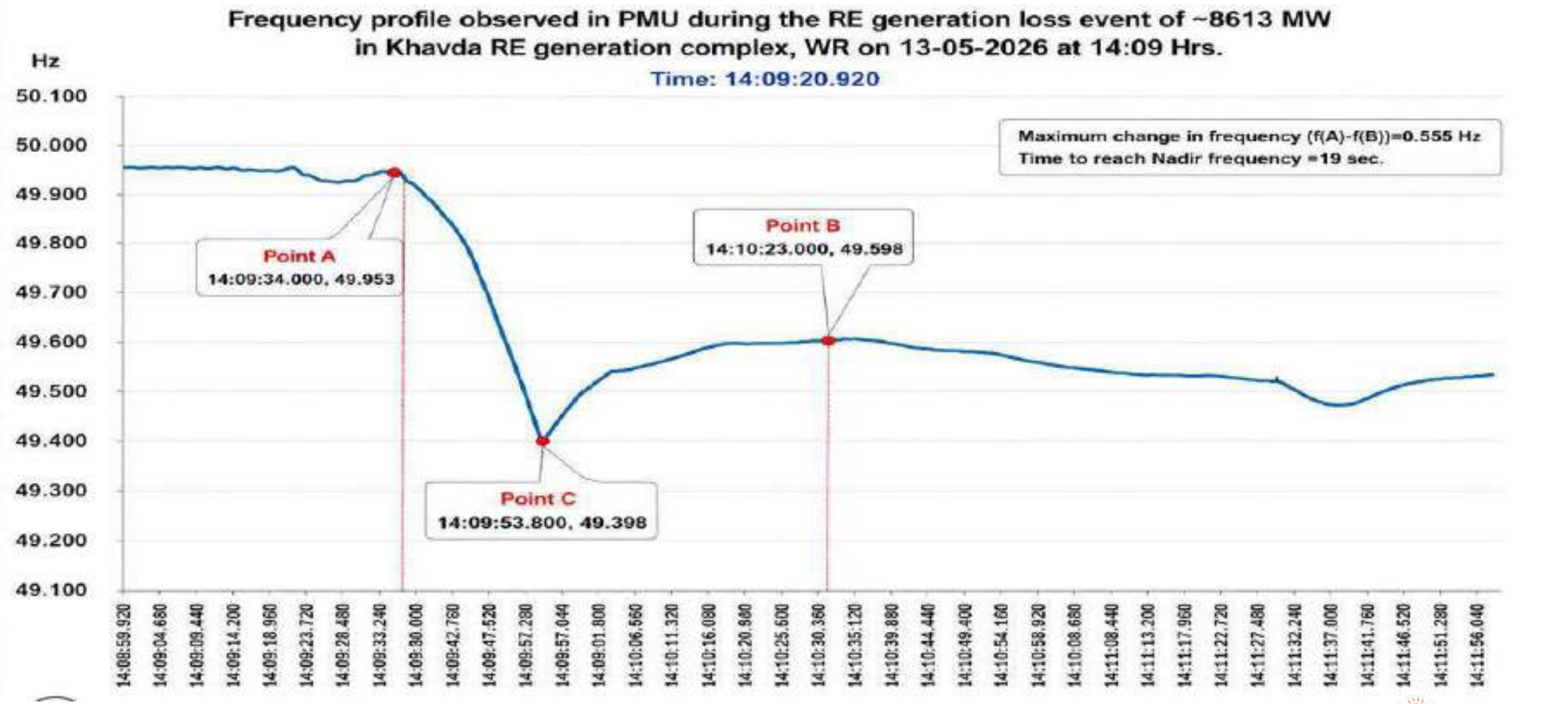
ESTIMATED PROJECT COST: 113 Crore

THANK YOU

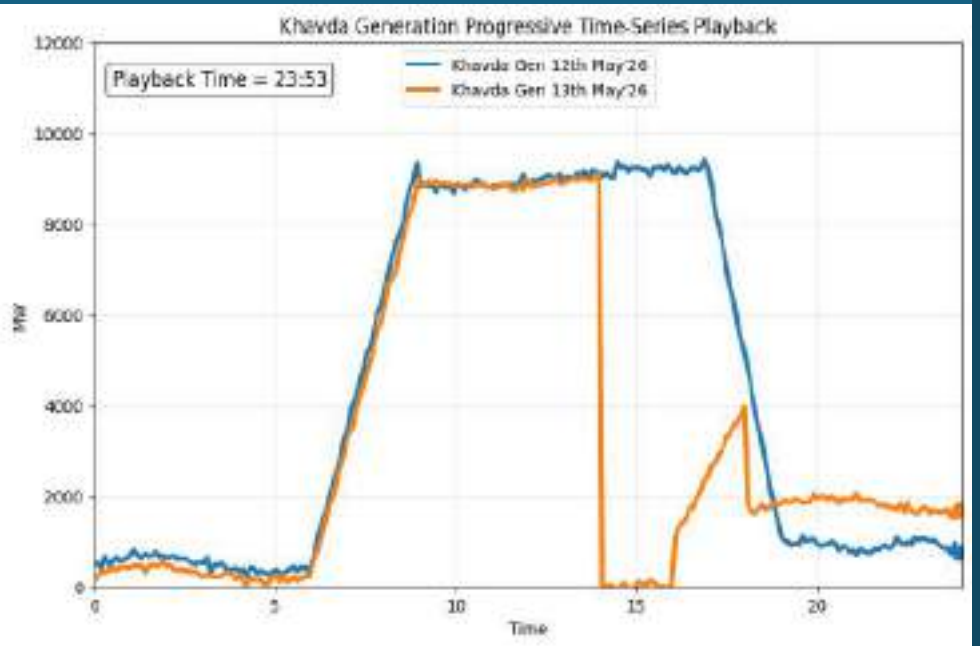


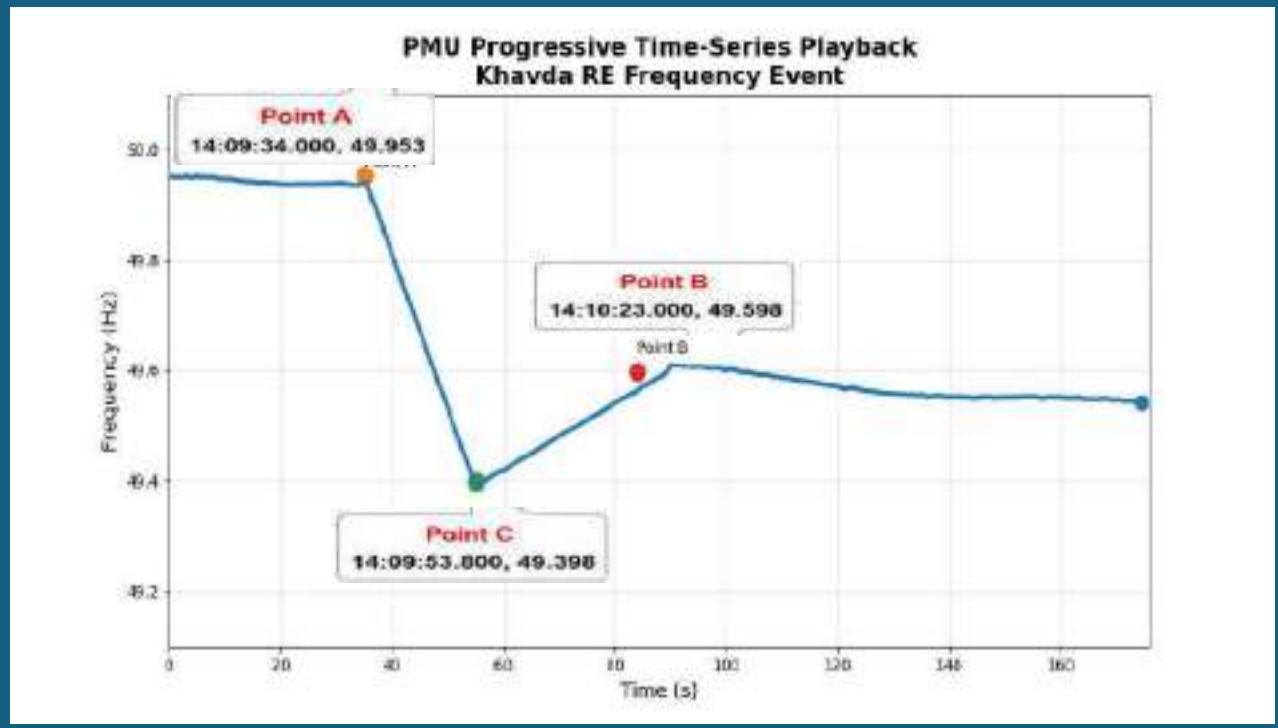
Khavda Generation 9.3GW outage Event

KHAVDA Generation Loss Event



ग्रिड-इंडिया
GRID-INDIA





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13th May 2026 Khavda complex

High inverter-based capacity 15.9 GW (14.8 GW RE + 1.1 GW BESS)

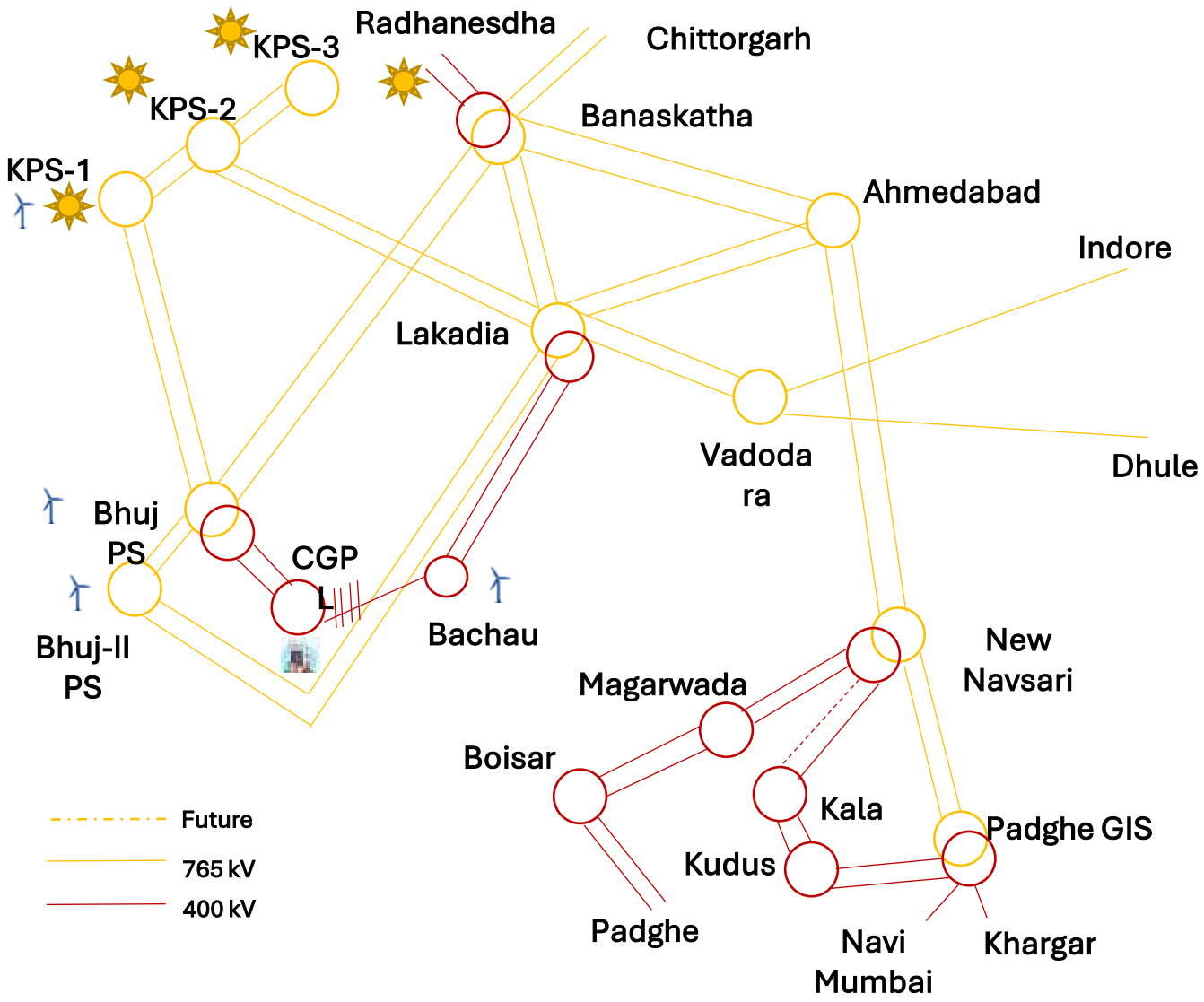
Gen loss ~ 9GW

17 nos. 765 kV and 400 kV lines in Gujarat (within16 secs)

Low SCR

Brief Details of Gid Event	
Time of Event	14:09 Hrs
KPS Generation Loss (KPS – I, II,III)	~8963 MW
Load Loss	0 MW
Nadir Frequency	49.39 Hz
Frequency Dip	0.56 Hz
Total relief under AUFLS at all India Level	5880 MW
Number of 765 kV Stations Affected	3
Number of 765 kV Lines Tripped	8
Number of 765/400 kV ICTs Tripped	15

Sequence of Events



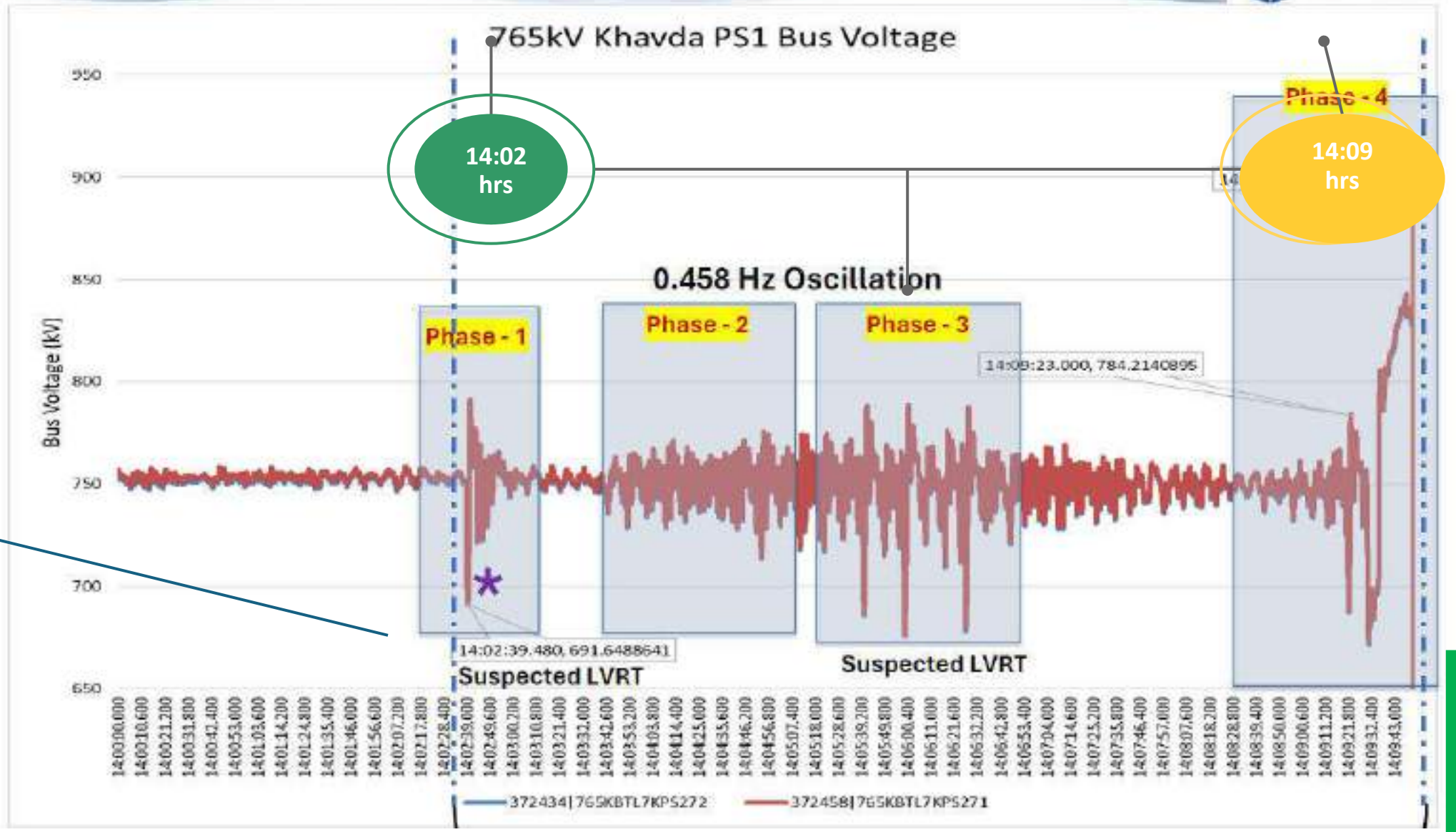
S. N	SCADA Time	Tripped Line
1	14:09:46.219	765 kV Khavda-PS3 – Khavda-PS2-2
2	14:09:48.400	765 kV Khavda-PS1 – Bhuj-2
3	14:09:48.404	765 kV Khavda-PS2 – Lakadia-1
4	14:09:51.443	765 kV Khavda-PS1 – Khavda-PS2-1
5	14:09:52.444	765 kV Khavda-PS2 – Lakadia-2
6	14:09:52.545	765 kV Khavda-PS1 – Khavda-PS2-2
7	14:10:02.907	765 kV Khavda-PS1 – Bhuj-1

765 kV Khavda-PS3 – Khavda-PS2-1 breaker did not trip, but the station lost supply after the outage of 765 kV Khavda-PS1 – Khavda-PS2-2

ग्रिड-इंडिया GRID-INDIA

PMU Signature During the Event (765 kV KPS – 1 Voltage)

Dip in voltage - due to a **Y-N fault** in the 400 kV Indore – Asoj – 1 with suspected **LVRT** operation of a few RE plants



Sequence of Events: 04 Phases

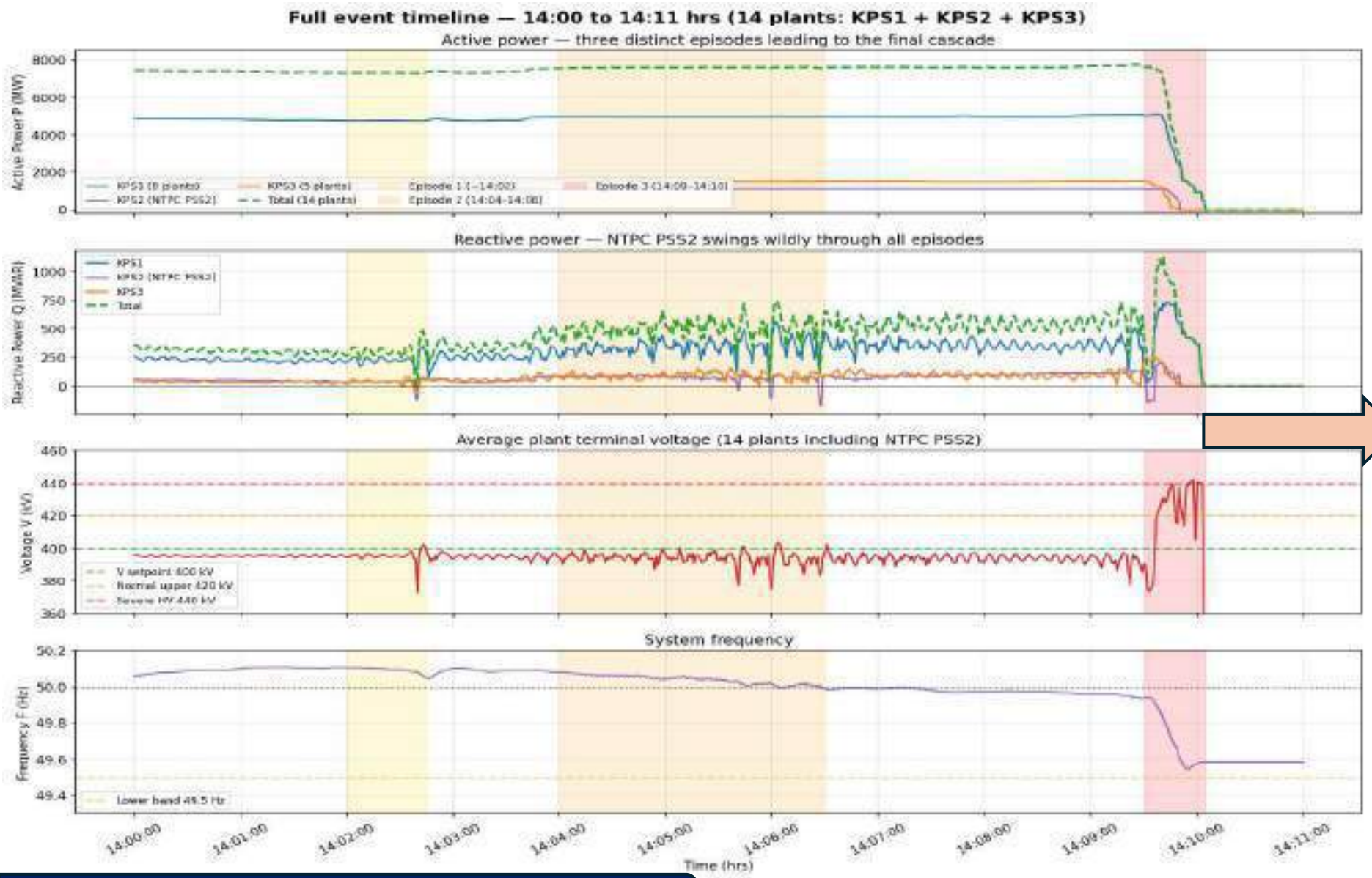
Sequence of Events

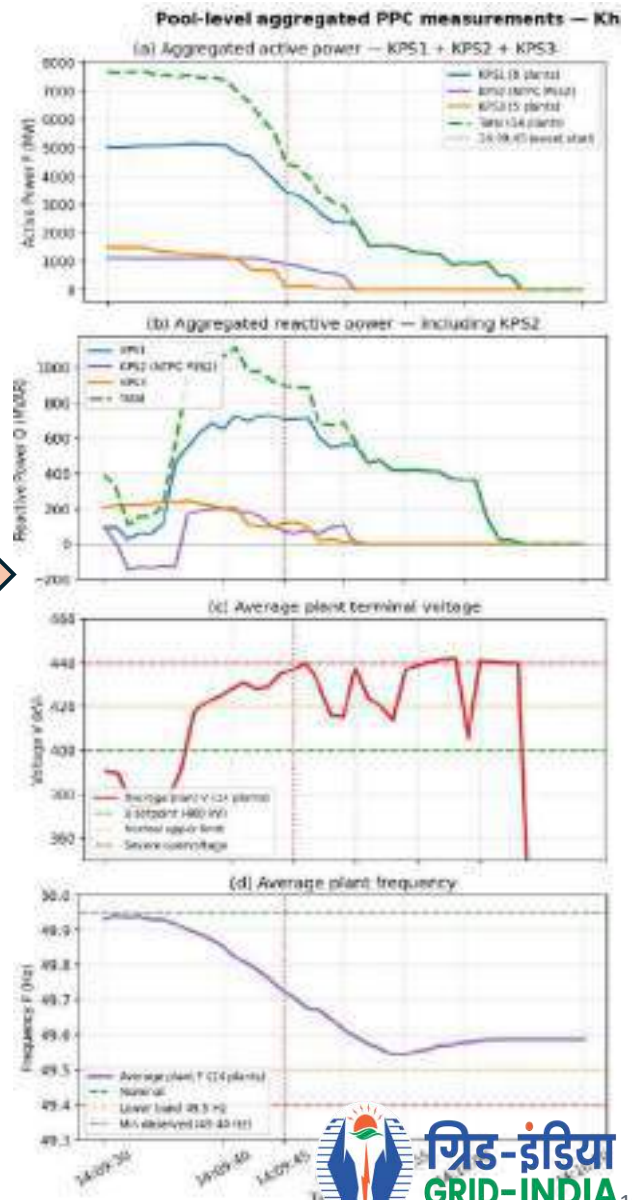
Phase	Time Period	Event	Description
1	**14:02:39–14:03:00**	**LVRT Events**	➢ 14:02:39: Y-N fault occurred in 400kV Indore-Asoj line-1 - A/R successful ➢ 14:02:44: 2nd fault in the same line - Tripped ➢ Certain inverter-based units experienced LVRT conditions and continued operating through the disturbance ➢ Voltage recovery triggered HVRT behavior
2	**14:03:00–14:05:00**	**Generation increase and 0.458 Hz Oscillation Phase**	➢ System experienced oscillatory behavior (20 kV peak – peak at 400 kV level) and increased generation output
3	**14:05:00 – 14:09:00**	**Consecutive LVRT due to oscillation**	➢ 3 consecutive successful LVRT operation due to high amplitude voltage oscillation
4	**14:09:30–14:11:20**	**Disturbance Initiation**	➢ Voltage dip persisted for about 5 s with oscillations. ➢ High reactive power injection from plants pushed voltage to ~444 kV. HVRT operation caused generation reduction / tripping. ➢ High voltage triggered 765 kV and 400 kV line overvoltage protection. ➢ 17 lines 765 kV and 400 kV lines tripped in quick succession within 16 s.

- **POI voltage was higher than LVRT limits (0.9 p.u.); inverters should not have entered into the LVRT mode**

Full Timeline — P, Q, V, F across 14:00 to 14:11 hrs

14 plants: KPS1 + KPS2 (NTPC PSS2 only + KPS3 · Three shaded episodes





PRE-EVENT
(<14:09:40)

Initial Voltage Oscillation
System experienced voltage drop (~370 kV) due to oscillation, setting stage for response.

14:09:45

LVRT Triggered & Active Power Reduction
Low Voltage Ride Through (LVRT) protocols initiated. Immediate, sharp reduction in Active Power across all pools.

~14:09:50
REACTIVE INJECTION SPIKE
(~200 to ~1100 MVAr)

Reactive Injection Spike
To recover voltage, system injected massive reactive power (Q) spike, peak ~1100 MVAr.

~14:09:52
VOLTAGE RECOVERY OVERSHOOT & HVRT TRIGGER

Voltage Recovery Overshoot & HVRT Trigger
Aggressive reactive injection caused voltage to exceed safe limits (>440 kV), triggering High Voltage Ride Through (HVRT) protections.

14:10:05 (END)
TOTAL GENERATION LOSS
(0 MW)

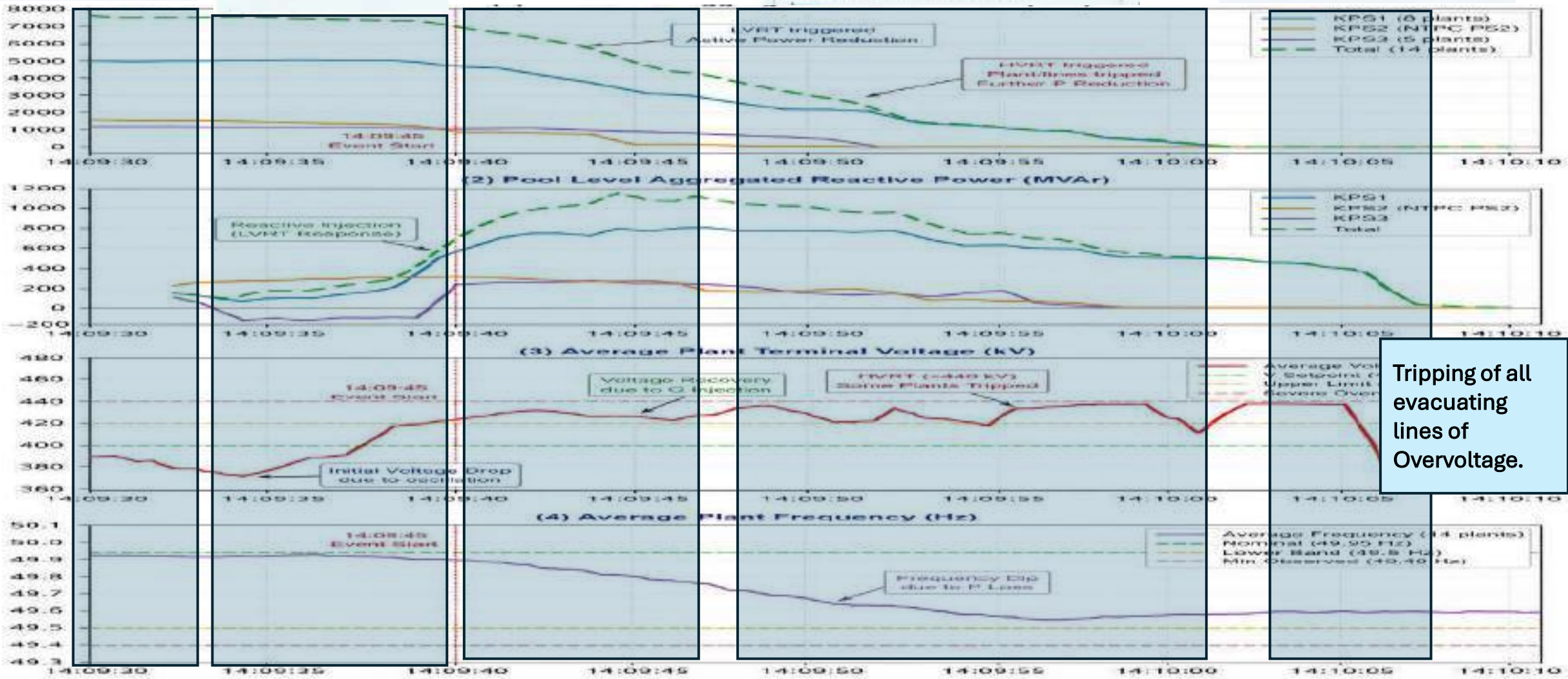
Total Generation Loss
35 seconds after start, remaining RE generation completely lost, Total Active Power hits 0 MW.

P

Q

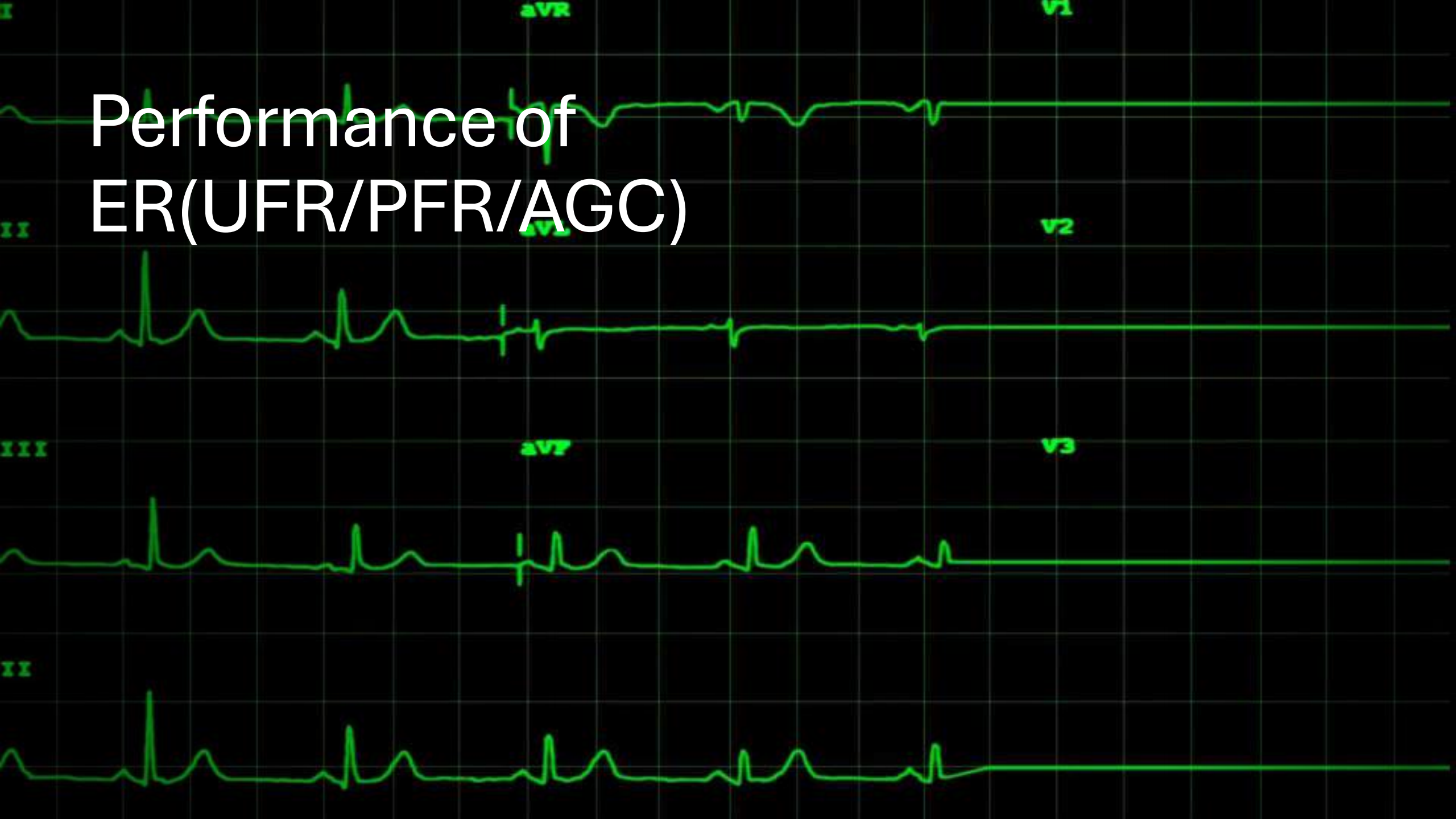
V

F



Tripping of all evacuating lines of Overvoltage.

GRID-INDIA



Performance of ER(UFR/PFR/AGC)

UFR Operation Details

Constituent	UFR Stage	Quantum Approved in MW	Quantum Installed in MW	Quantum Operated	(Quantum Not Operated)
JUSNL	Stage 1	87	85	54	31
BSPTCL	Stage 1	315	292	93	199
ODISHA	Stage 1	306	316	205	111
West Bengal (WBSEDCL)	Stage 1	377	440	226	214
West Bengal (CESC)	Stage 1	120	120	72	48
DVC	Stage 1	172	173	150	23
Total ER		**1377**	**1427**	**800**	**627**

- *This Quantum approved and installed is based on Peak demand met + Energy Consumption =30 GW.*
- *At the instant ER demand was 26.5 GW , so in proportion to that Quantum of relief around 1170MW.*
- **Net Quantum not operated 1240-800 =440 MW**
- *No ADMS operation as all stater were in Under drawl Mode.*

SCADA data availability (Feeder number wise) for UFR dated 21-05-2026

	Total No of Feeders	No of Feeders, which are YET TO BE INTEGRATED in ICCP	No of feeders, for which SCADA data is NOT UPDATING	No of feeders, for which SCADA data is UPDATING	Percentage Availability
BSPTCL	137	106	26	5	4%
DVC	62	0	3	59	95%
JUSNL	33	15	6	12	36%
OPTCL	129	21	12	96	74%
WB - WBSEDCL	198	5	15	178	90%
WB - CESC	33	0	0	33	100%
Total ER	592	147	62	383	65%

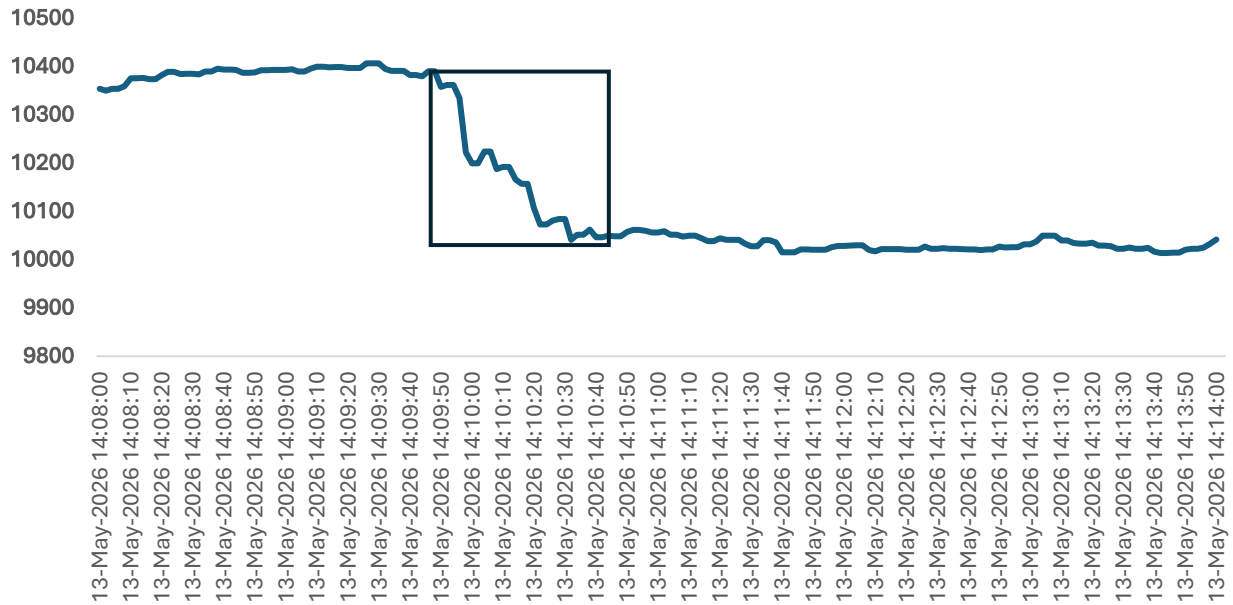
Demand Reduction Details (UFR + Demand Response

Constituent	Pre-event Demand	Post event demand	Net Change (UFR + Demand response)	UFR Operation	Demand Response
JUSNL	1710	1656	54	53	1
BSPTCL	5934	5716	218	94	124
ODISHA	6114	5803	311	205	106
West Bengal (WBSEDCL)	10361	10041	320	298	22
DVC	2610	2383	227	150	77
Total	**26729**	**25599**	**1130**	**800**	**330**

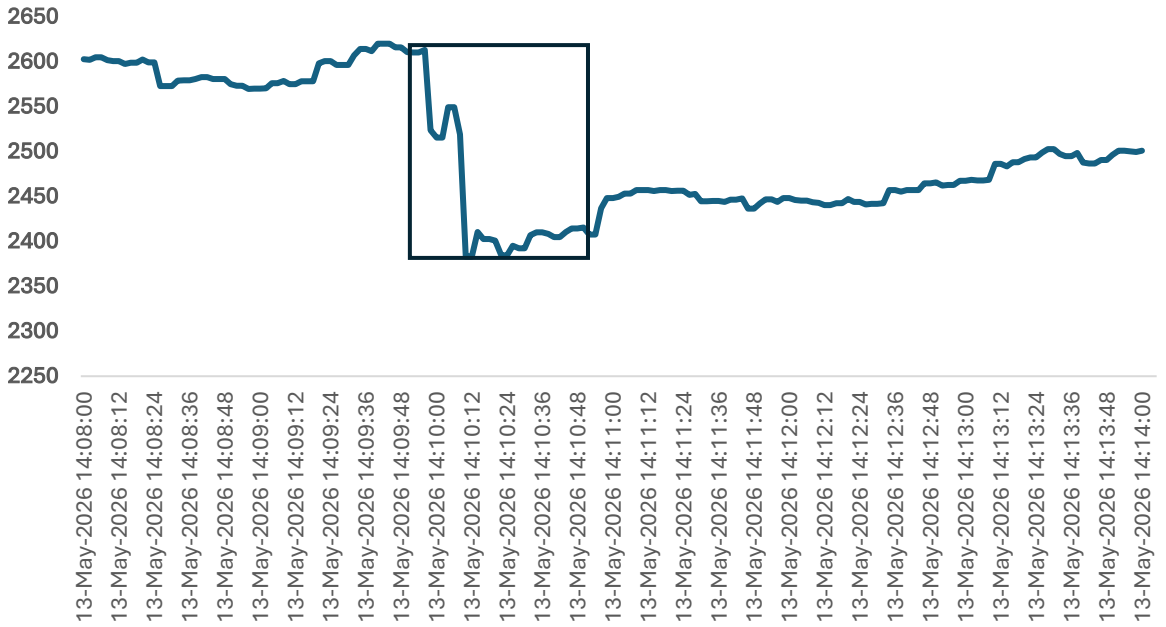
- UFR is based on data received from States .
- PFR is based on actual generation data.
- Net Change is based on Demand Data, *Post Event data after 1 Minute is considered, Where Demand Response very low, Scada demand data may not be updated accurately.*

Demand Profile

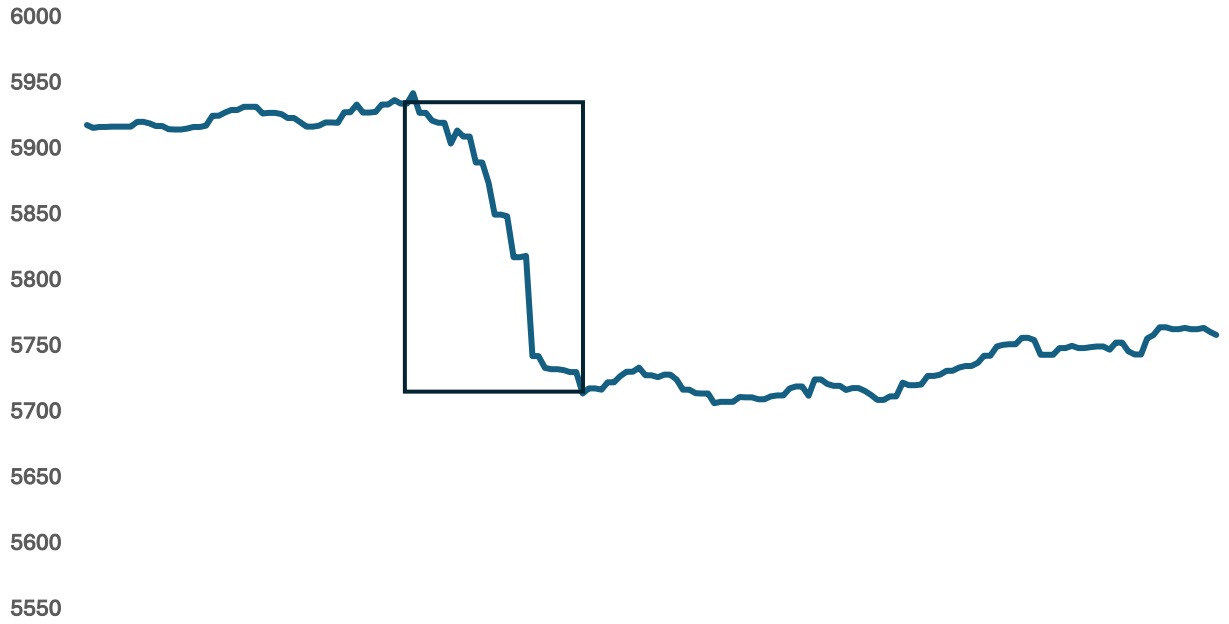
West Bengal



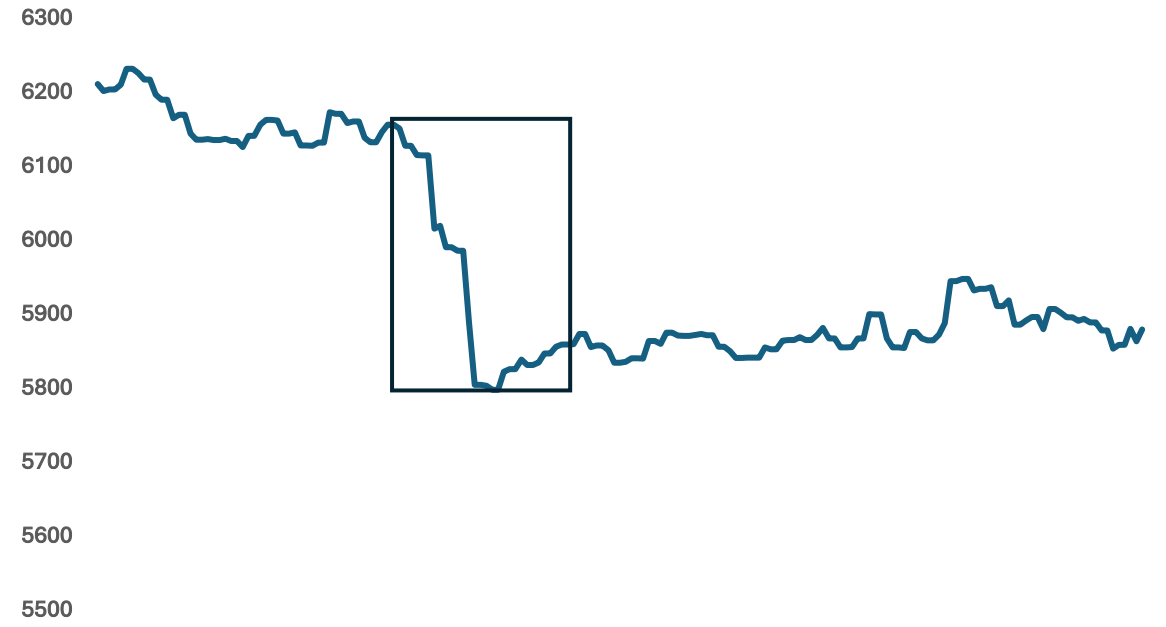
DVC



Bihar



Odisha



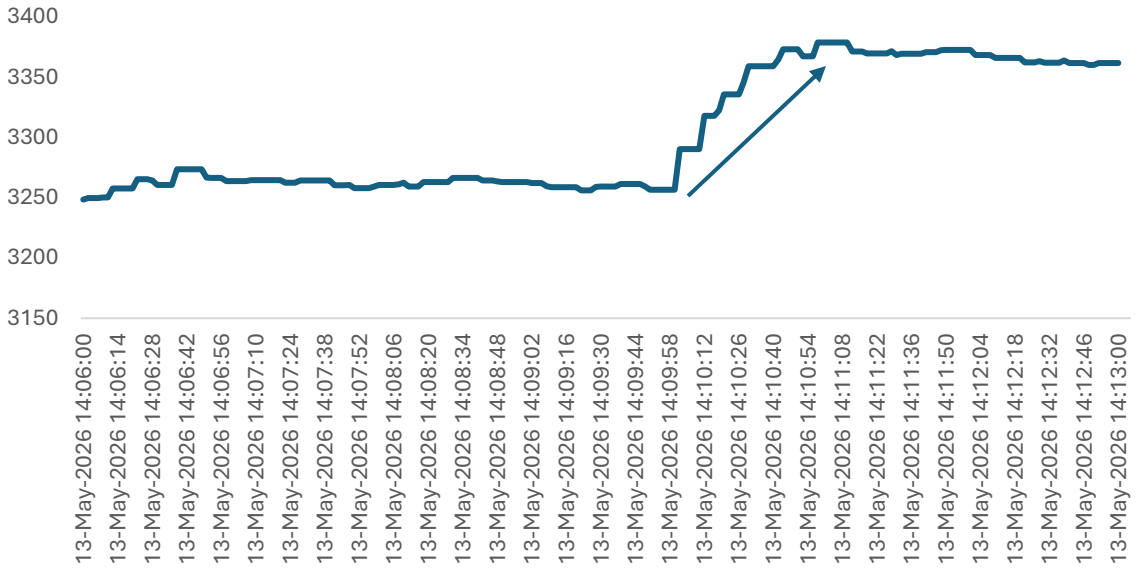
PFR Response

Constituent	Pre Event Generation	Post event Generation	Net Change (PFR Operation)	Ideal PFR Response *(At least 05% of Pre event Gen)*	Ideal-Actual	% Achieved w.r.t. Ideal
JUSNL	196	197	1	10	-9	10
BSPTCL	766	775	9	38	-29	23
ODISHA	3320	3330	10	166	-156	6
West Bengal	5325	5384	59	266	-207	22
DVC	3256	3378	122	163	-41	75
Total ER State	12863	13064	201	643	-442	31
Total ER ISGS	11542	11886	344	577	233	60

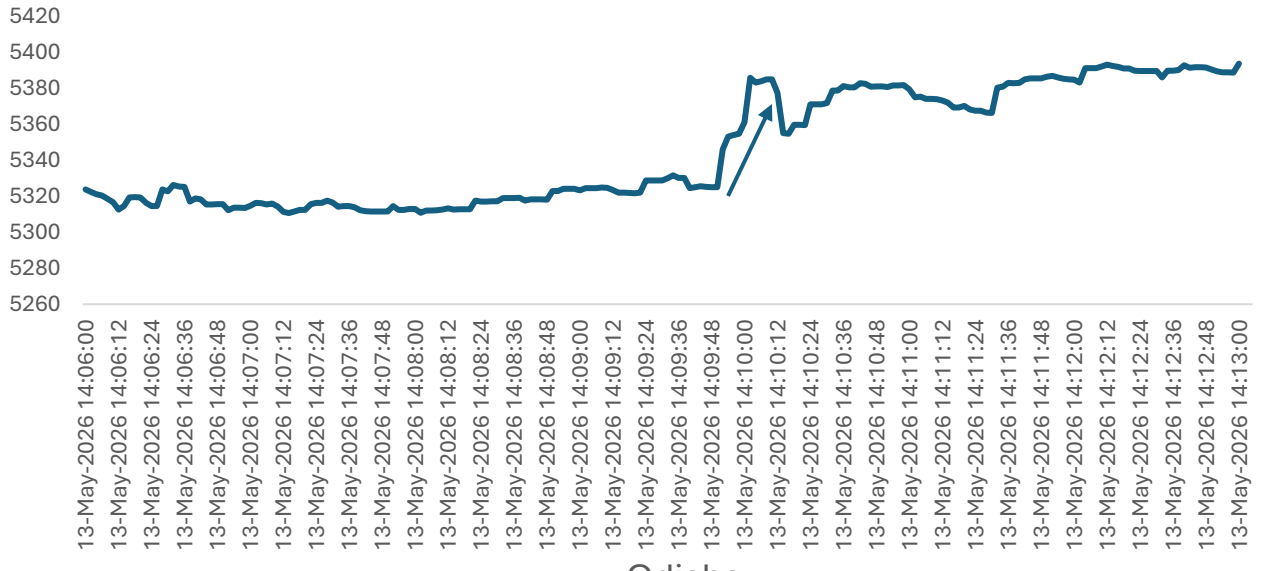
Ideal PFR response will be limited to 5% of its MCR but for simplification at least 05% of Pre event generation considere

State Internal Generation

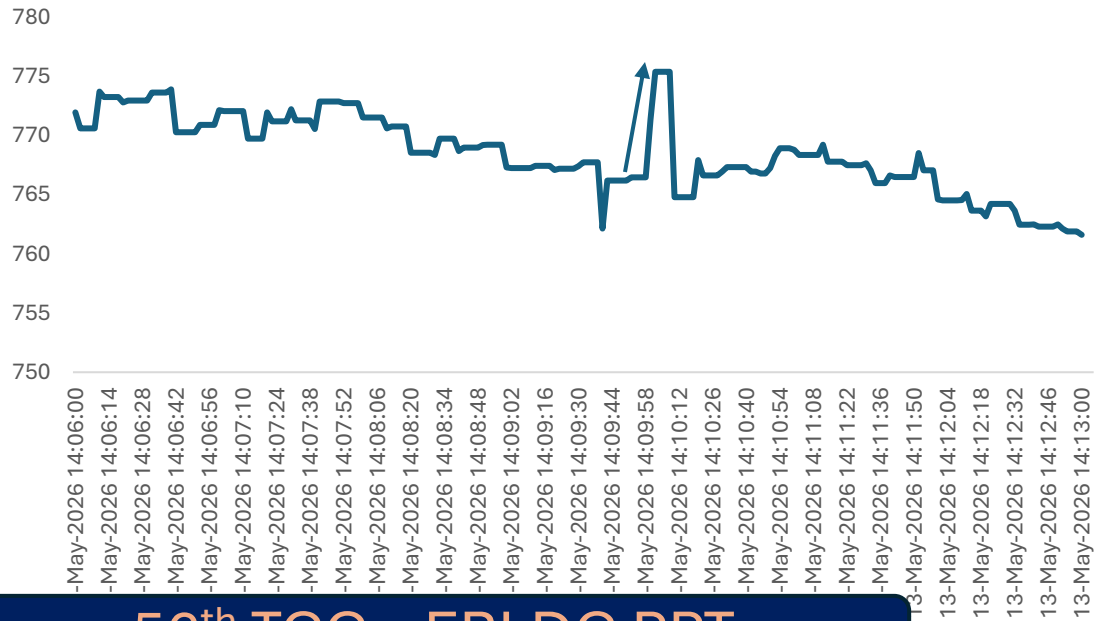
DVC



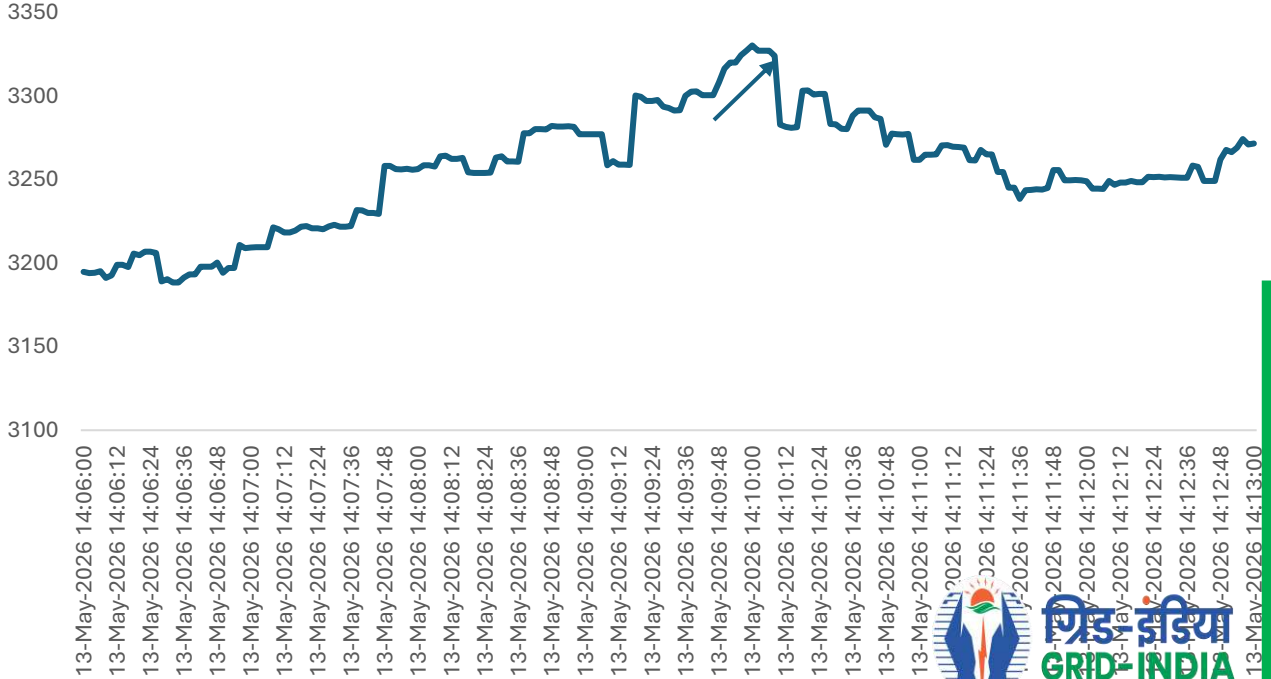
WB

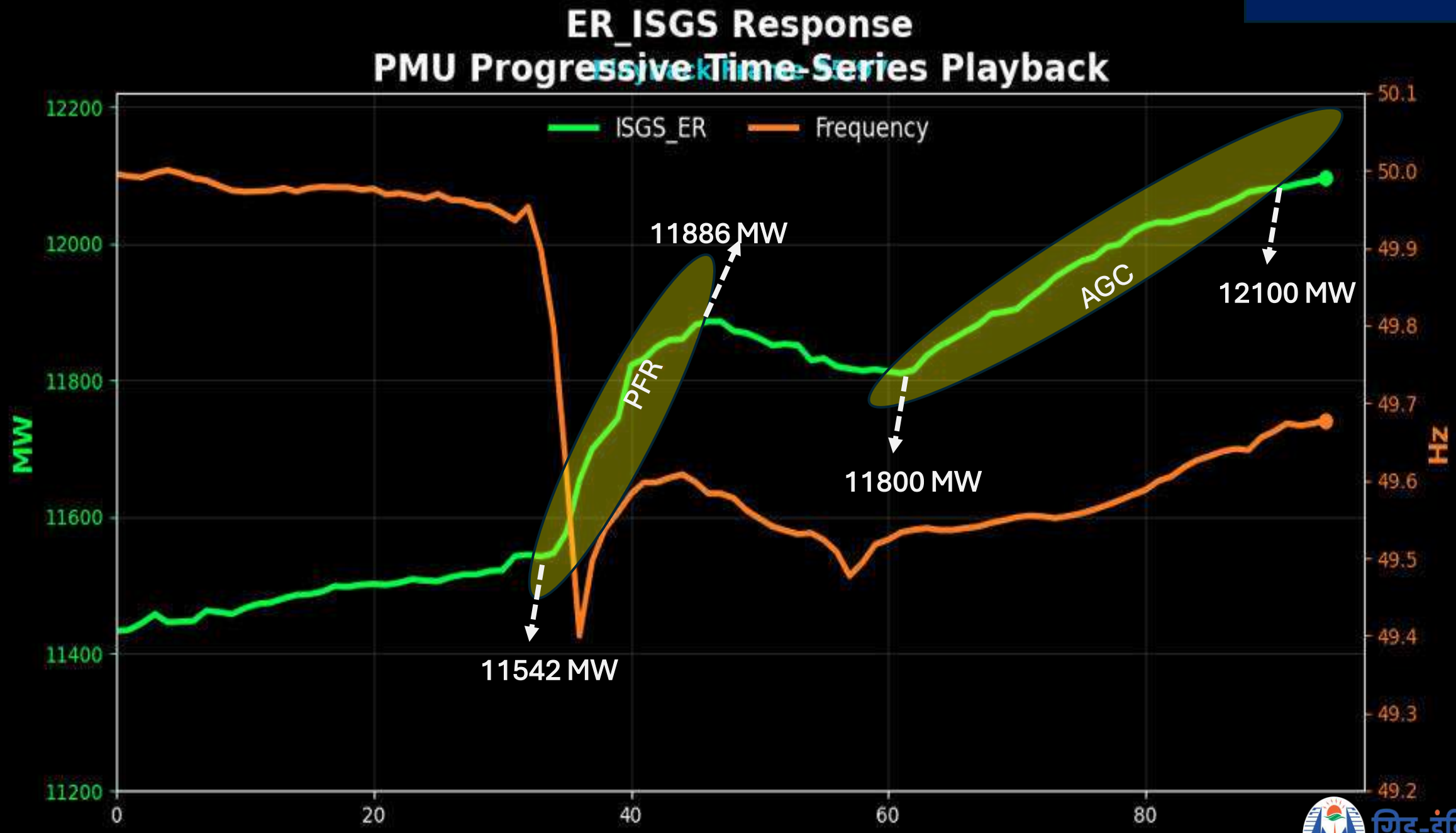


BIHAR

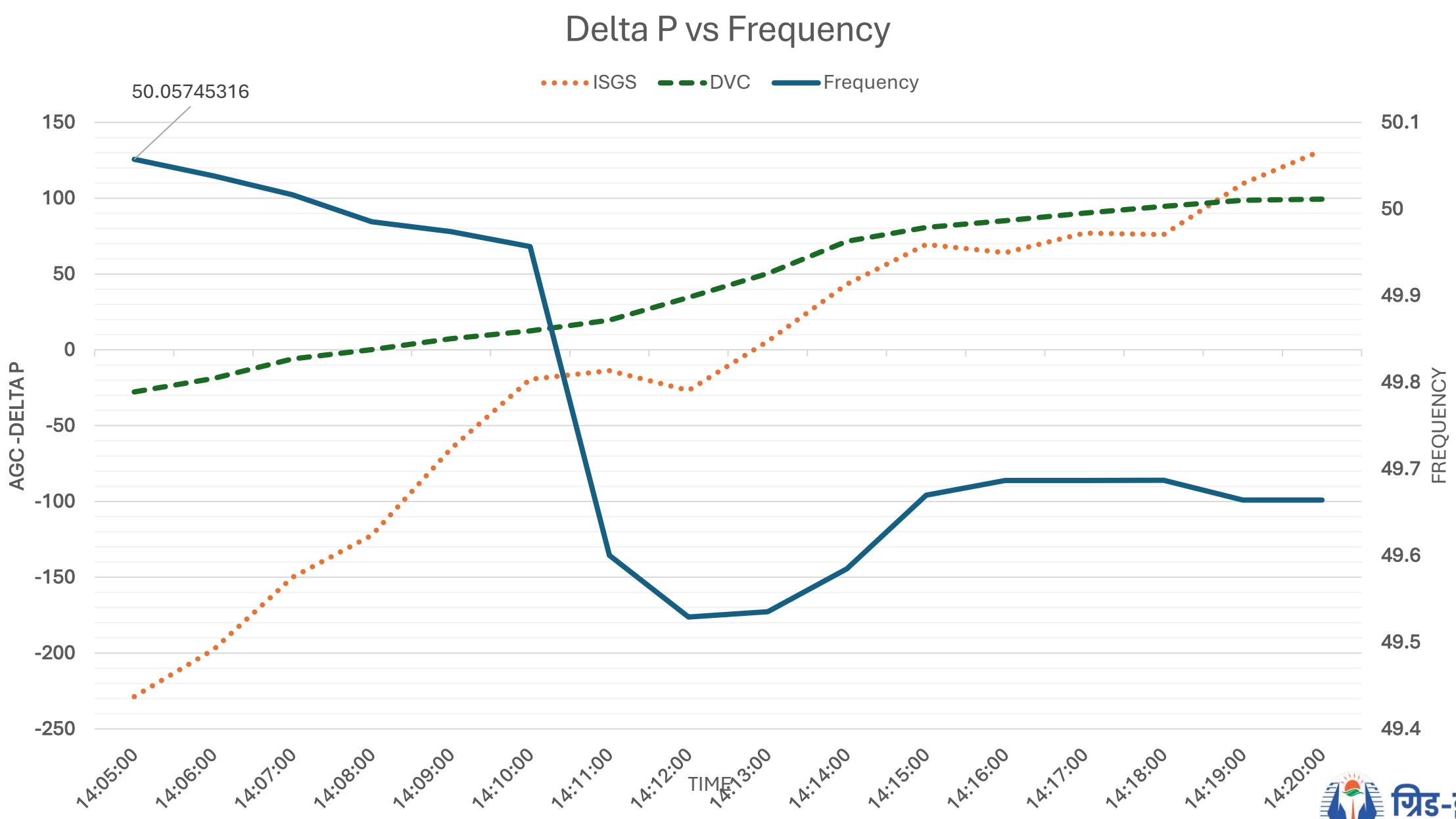


Odisha




ER_ISGS Response
PMU Progressive Time-Series Playback
ISGS_ER
Frequency
11886 MW
12100 MW
11800 MW
11542 MW
PFR
AGC
MW
Hz
12200
12000
11800
11600
11400
11200
50.1
50.0
49.9
49.8
49.7
49.6
49.5
49.4
49.3
49.2
0
20
40
60
80

ER-AGC Response



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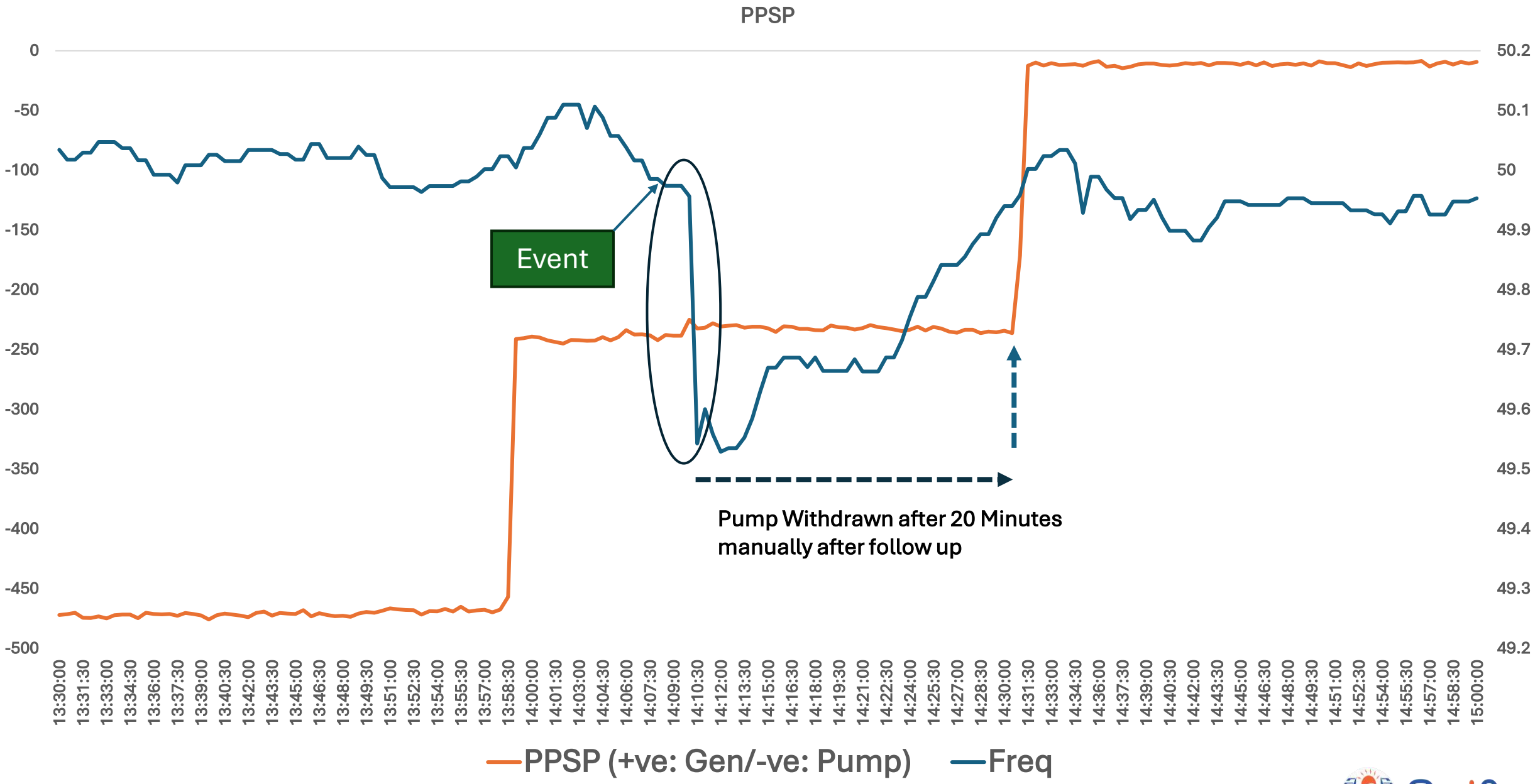

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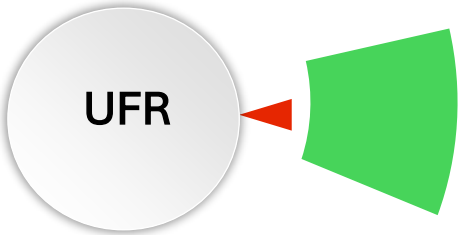
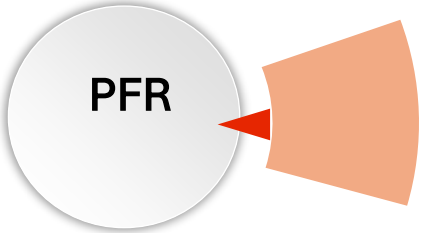
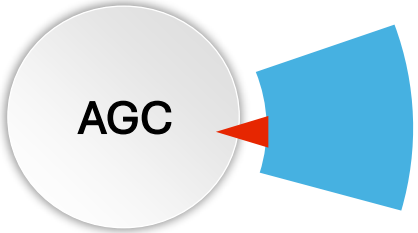
Action Points:



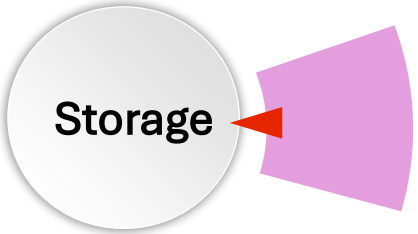
- Identified Feeders integrated under UFR Stage -1 But not operated /tripped to be tested and rectified with Compliance report. **(Already non-operational feeders Identified)**
- No intentional settable delay to be monitored for these specific feeders and removed along with measurement delay of **only up to 3 Cycles (60 msec)** .
- **UFR Testing healthiness Report** to be monitored and submitted to RLDC/RPC.



- Intra state Generators PFR response Poor. – **Plants Identified with Poor PFR to perform PFR testing for ensuring proper response**.
- ISGS performance was around 60% of ideal , **units with poor performance identified for follow up**.

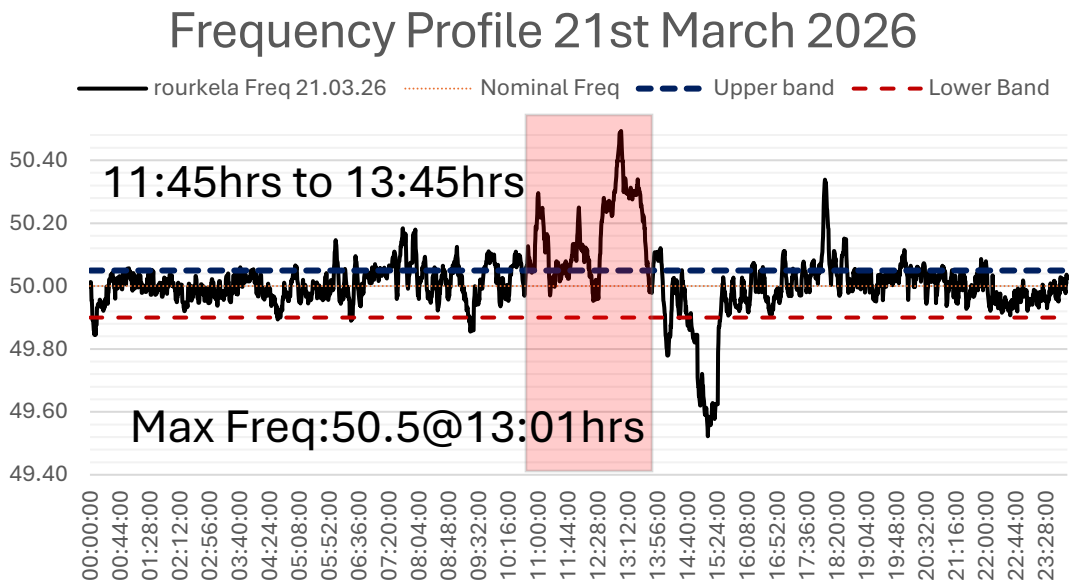


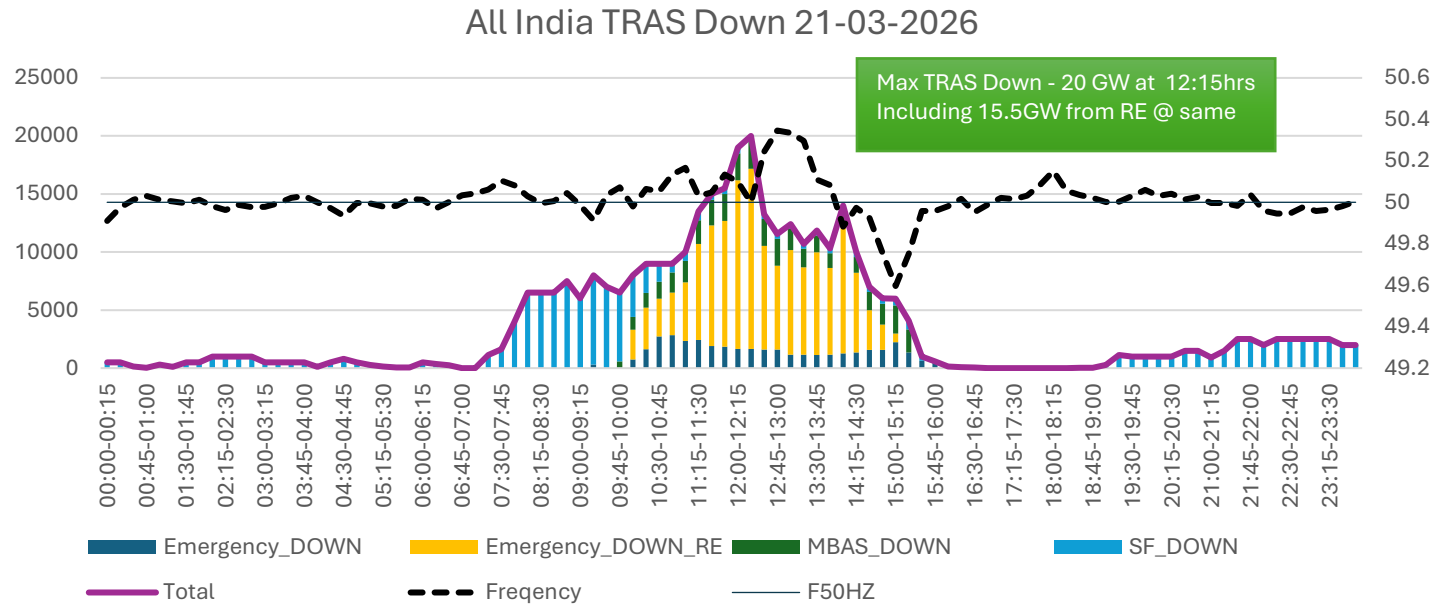
- AGC for ISGS and Intra state was satisfactory , Barh and NPGC AGC Response not as desired due to Hard limit violation. **(Will be taken up**).

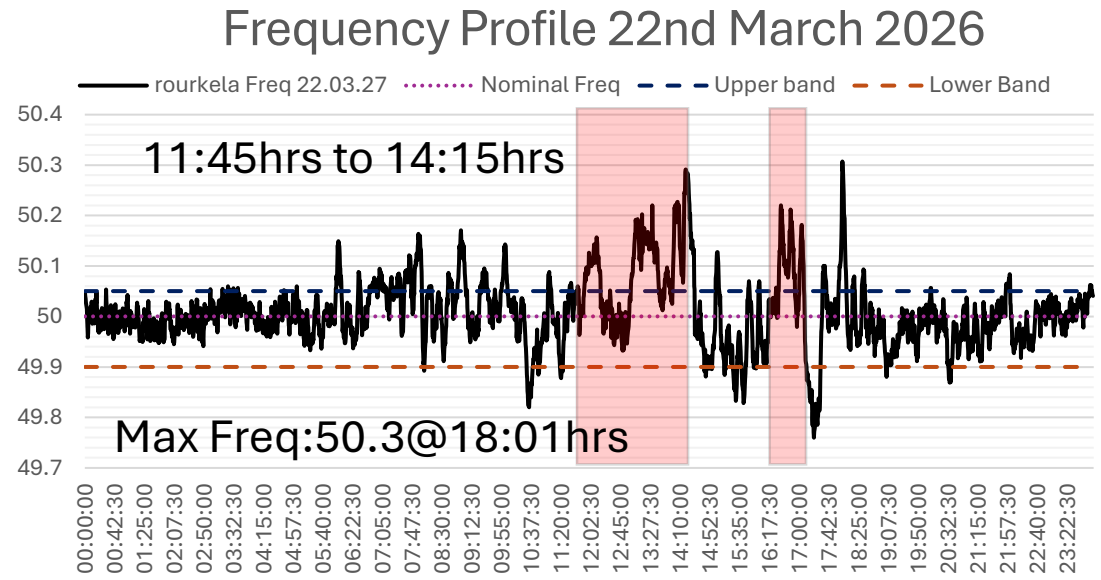


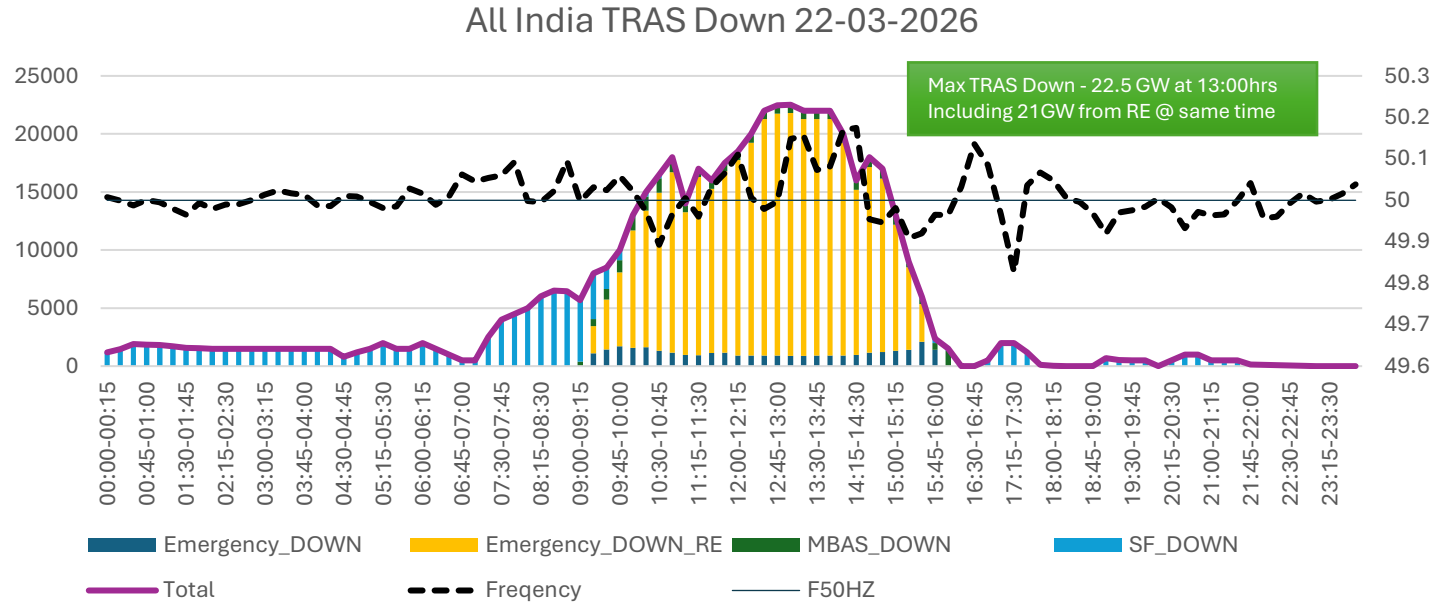
Various deliberation taken up in 214th , 223rd , 227th OCC meetings for automatic tripping at 49.5Hz but , not yet Implemented**. Violation of IEGC Mandate.**

Frequency Profile & TRAS Despatch





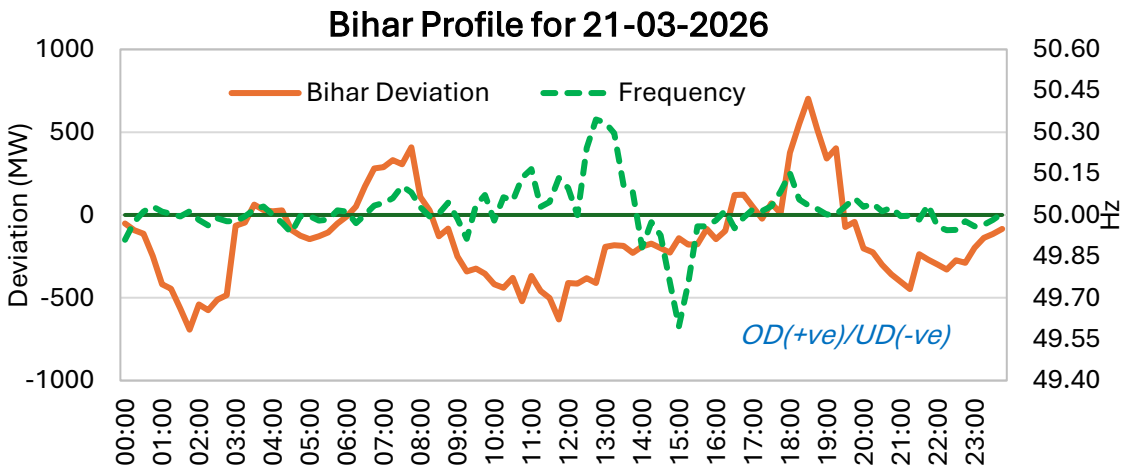


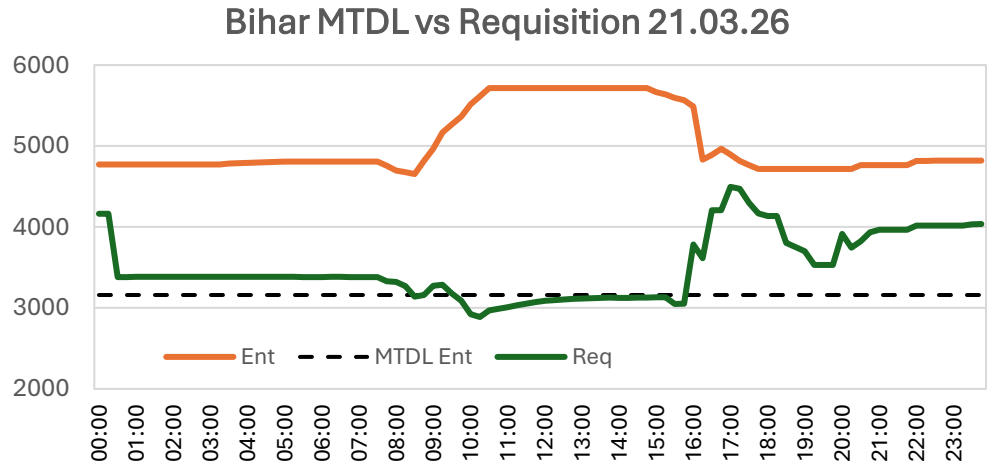


Major deviation by ER constituents during High Freq-21.03.2026

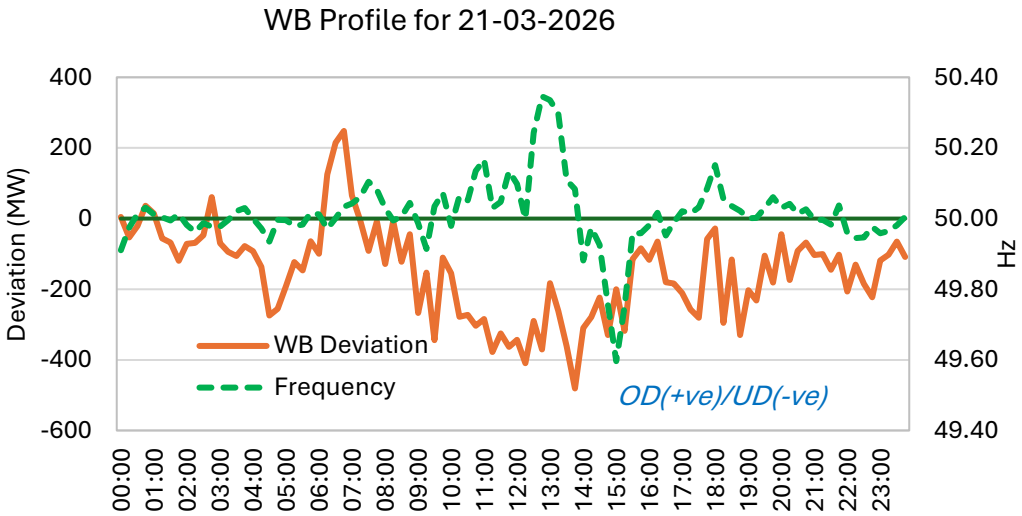
State

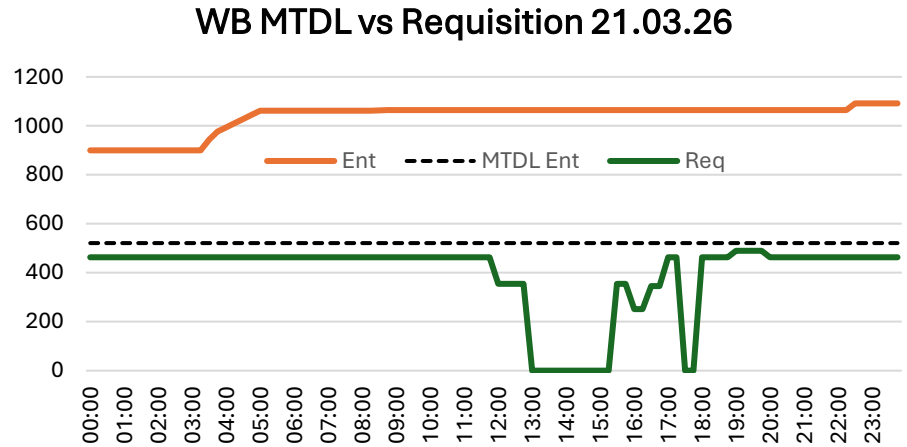
Bihar Under drawl (200-600MW)





W. Bengal Under drawl (150-500MW)



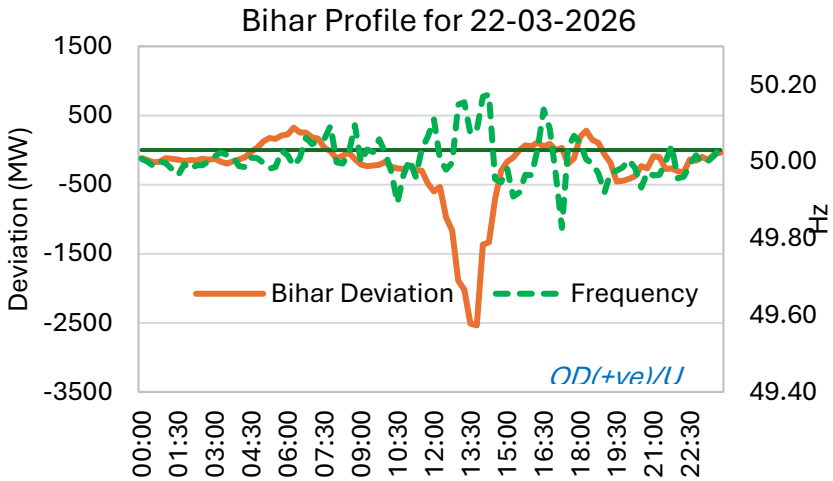


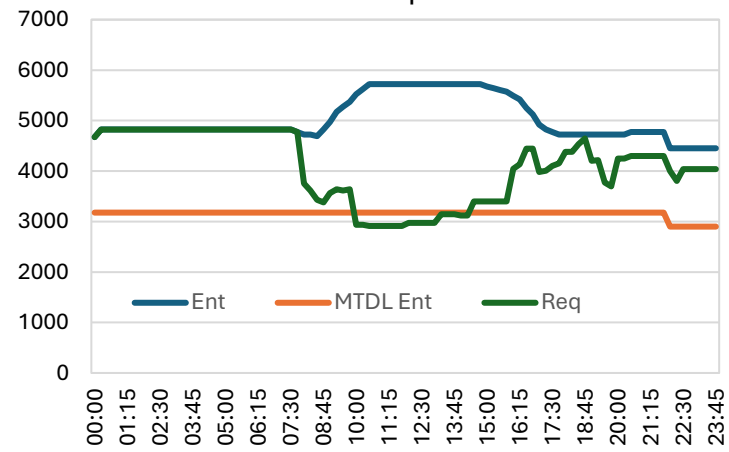
Major deviation by ER constituents during High Freq-22.03.2026

State

Bihar

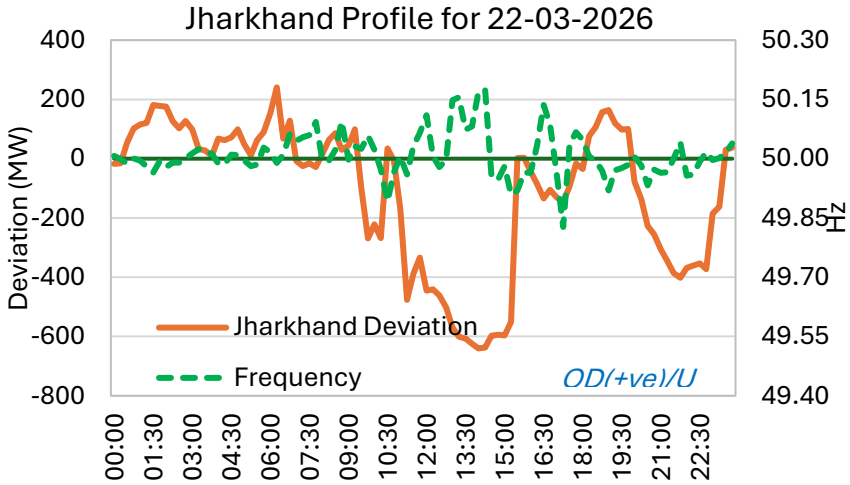
Under drawl (200-600MW)

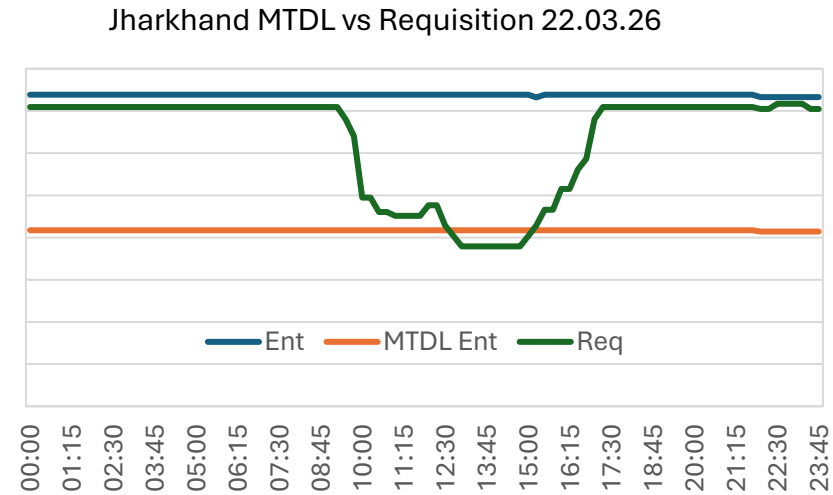




J'khand

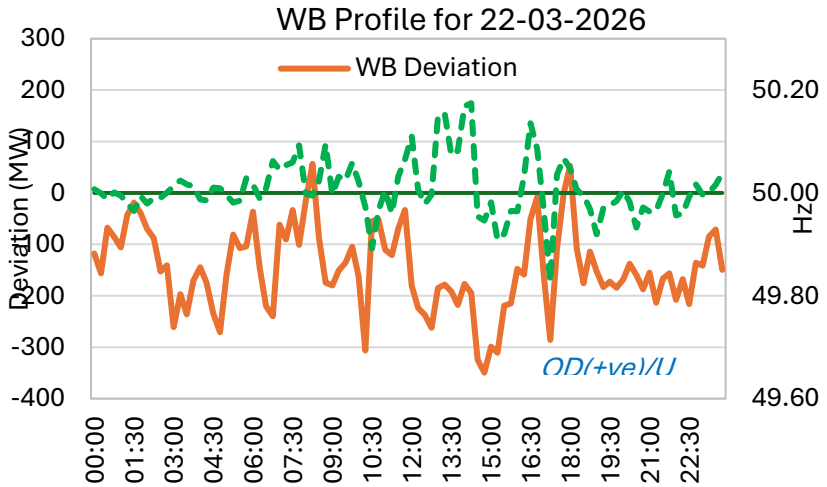
Under drawl (500-600MW)

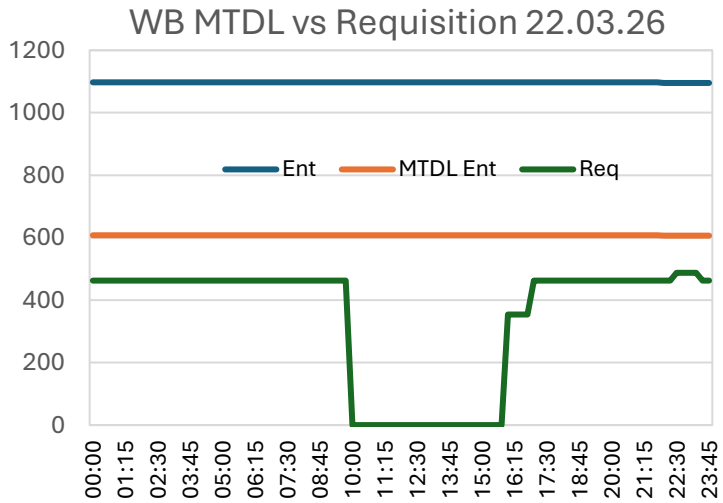




W Bengal

Under drawl (200-350MW)



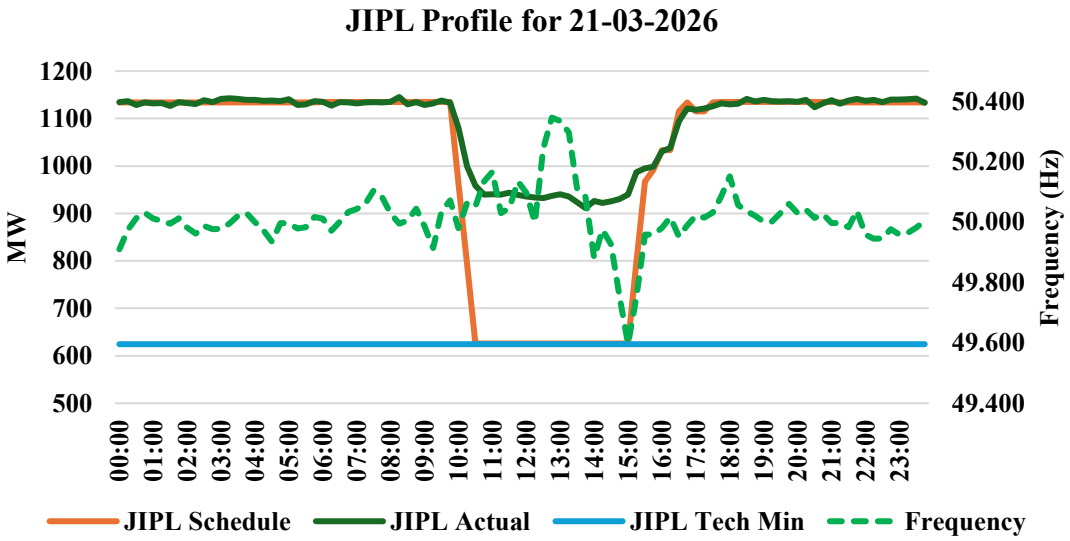


O/Inj. by IPP and Inability to go below 65% of MCR by Intra-State generators during High Freq-21.03.2026

IPP Gen

JIPL

Over injection in range of 300-400MW



State Gen

Unable to go below 65%

Sl. No.	Thermal Plants	State	Minimum Actual Generation (%of DC) during the day of 21.03.2026
1	Tenughat TPS	Jharkhand	81%
2	Mejia TPS	DVC	66%
3	Raghunathpur	DVC	71%
4	IB TPS Stg-1	Odisha	66%
5	OPGC_STU	Odisha	85%
6	Bandel TPS	West Bengal	83%
7	Kolaghat TPS	West Bengal	76%
8	Bakreswar TPS	West Bengal	74%
9	DPL TPS	West Bengal	76%
10	HALDIA TPS	West Bengal	85%
11	HIRANMAYEE TPS	West Bengal	73%

52Lakhs

in 3days

Savings via DSM & Energy charges if Units were turn down to 55%

Net Earning

38Lakhs

Part load compensation

14Lakhs

Achieving 55% by Sates can accommodate additional RE and can also incentivise states by minimising Deviation charges

ANNEXURE B.2.1.a

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
तापीय परियोजना नवीनीकरण एवं आधुनिकीकरण प्रभाग
Thermal Project Renovation & Modernization Division

No.2/4/FLEX/TPRM/CEA/2025/1274-1305 **Dated:** 20.11.2025

Sub: CEA (Flexible Operration of Coal Based Thermal Power Generating Units) Regulation. 2023 -reg.

CEA has issued a gazette notification dated January 30, 2023 regarding flexible operation of coal fired generating units. As per CEA gazette notification extraordinary, part III, section 4, no. 61 (CG-DL-E-31012023-243299), the coal based power generating units shall have flexible operation capability with minimum power level of 55% along with ramp rate of 2% between 55%-70% and ramp rate of 3% above 70% within one year of notification of the above mentioned regulations i.e. by Jan 2024. Further, it mandates that the generating units which are not capable of achieving a minimum power level of 40%, shall achieve the same as per phasing plan (Attached as Annexure).

It may be noted that CEA's flexible operation regulations were notified after successful pilot test/study conducted across the country in association with international partner and BHEL.

In this regard, it is pertinent to mention that 91 Units of total installed Capacity 51080 MW in aggregate of various thermal power plants have been notified under the Phase I (July 2024-June 2026) for operation at 40% MTL. These units are required to carry out the necessary retrofitting/modifications as recommended by the respective OEMs so as to be fully prepared for sustained operation at 40% MTL by June, 2026, as mandated under the provisions of the aforesaid Regulations.

It may also be noted that successful and sustained operation at 40% MTL with Indian coal has been demonstrated by other generating utilities (Under Pilot Phase) such as West Bengal Power Development Corporation Limited (WBPDCL) at Sagardighi Unit-8 and Damodar Valley Corporation (DVC) at Mejia Unit-8, following suitable retrofits as advised by the OEMs.

Further, in order to compensate the losses on account of flexible operation, CERC has already incorporated most of the recommendations of CEA's compensation methodology such as for additional Capex , oil consumption, additional auxiliary power consumption and heat rate degradation.

Therefore, all generating utilities are requested to complete the retrofit , control system tuning ,trial runs etc of all units under phase I by June ,2026 in consultation with OEM positively. It is also requested to furnish the progress and updates (as per attached format) of **First Phase units** by the end of November 2025 and thereafter every month.

This may be treated as **MOST URGENT**.

Regards

Encl : As above

Surata Ram 21.11.2025

(Surata Ram)
Chief Engineer, TPRM

To:

1. CMD, NTPC Limited, NTPC Bhawan, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi – 110003, (FAX NO.: 011 24361018), Email : cmd@ntpc.co.in
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9. Chairman, DVC, DVC Head Quarters, DVC Towers, VIP Rod, Kolkata-700054 Email id : chairman@dvc.gov.in
10. MD/CMD, ITPCL, IL&FS Tamil Nadu Power Company Limited 4th Floor, KPR Tower, Old No. 21, New No. 2, 1st Street, Subba Rao Avenue,College Road, Chennai - 600 006, Email: info@itpclindia.com
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12. Chairman , RattanIndia Power Limited, 5th Floor, Tower-8, World mark 1 , Aerocity,, New Delhi - 110037 Email: powersectt@rattanindia.com
13. CMD, Tata Power, Bombay House, 24, Homi Mody Street, Mumbai 400 001 , Tel: (91 22) 66658282, Fax: (91 22) 6665 8801, Email: tatapower@tatapower.com
14. MD/CMD, Ind-Barath Power Infra Limited, Hyderabad, Plot No. 30-A, Road No. 1, Film Nagar, Jubilee Hills, Hyderabad - 500 096 , Andhra Pradesh, INDIA. Phone: +91-40-23553459 Fax: +91 40 23607522 Email: hyderabad@ibpil.com

15. MD/CMD, Shirpur Power Pvt. Ltd., 903, Shilp Building, Opposite Navrangpura Telephone Exchange, Ahmedabad, Gujarat- 380009, India, Email ID: nikunj.shah@shirpurpower.in
16. CMD, The Singareni Collieries Company Ltd., Kothagudem Collieries, Bhadradri Kothagudem Dist , Telangana State PIN: 507101. Ph No 08744-242301 /02/03/04 Fax: 08744-242305, Email: dp@scclmines.com
17. Chairman, Bharat Aluminium Company Limited (BALCO)Aluminium Sadan, Core – 6, Scope Office Complex, Lodi Road, New Delhi – 110 003
18. CMD, Rajasthan Rajya Vidyut Utpadan Nigam Limited, Vidyut Bhawan , Jyoti Nagar, Janpath , Jaipur -302005 (Fax No. 0141 - 2740633), Email: cmd@rrvun.com
19. CMD, Karnataka Power Corporation Ltd. (KPCL), Shakti Bhawan, Race Course Road, Banglore-560001, Email: kpclcetd@gmail.com
20. MD/CMD, M/S SKS ISPAT AND POWER LTD., B-501, Elegant Business Park, Andheri Kurla Road, J.B.Nagar, Andheri - (E), Mumbai - 400 059 Telephone: +91-22-3080 7000 Fax: +91-22-3080 7070 / 7080 E-Mail: corporateoffice@sksispat.com
21. MD/CMD , Sembcorp Energy India Limited, 5th floor, Tower C, Building No. 8, DLF Cybercity, Gurgaon 122002 Haryana, India Ph: (91) 12 4389 6700; Email: cs.india@sembcorp.com
22. TRN Energy Private Limited, 7th Floor, Office Tower ,Ambience Mall, NH-08 Gurugram, Haryana 122001
23. Chairman/CMD, MAHAGENCO, Maharashtra State Power Generation Co. Ltd., Prakashgad, Plot No. G-9, Bandra (East) Mumbai-400 051
24. MD, Talwandi Sabo Power Limited, Site Cum Regd. Office:,Village Banawala , Mansa - Talwandi Sabo Road, Distt. Mansa, Punjab - 15 1302 INDIA, Tel: +91 -1659-248000 Telefax: 01659-248083, Email: tspl.commercial@vedanta.co.in
25. MIS-IT O/o Executive Director (O&M), CSPGCL, Dangania, Raipur(C.G.)
26. CMD, MP Power Generating Co. Ltd, Shakti Bhawan, Vidyut Nagar, Rampur, Jabalpur-482009 (Fax: 0761-2665661), Email: mppgcl@mp.nic.in
27. MD/CMD, JSW Centre, Bandra Kurla Complex, Near MMRDA Grounds, Bandra East,Mumbai 400 051 Fax: +91 22 4286 3000, Email: contact@jsw.in

Copy to:

1. Chairperson , CEA
2. Additional Secretary (Thermal) , MoP
3. PCE-II , CEA
4. Member Secretary (WRPC/ERPC/SRPC/NRPC/NERPC)

FORMAT

S. No	Details	Unit 1	Unit2	Unit3	------
1	Name of Utility				
2	Plant Name and Address				
3	Capacity, MW				
4	Date of Commissioning				
5	Type of Unit: Supercritical/Subcritical/....				
6	Net Heat rate: Design/Actual				
7	Coal Quality (i) GCV (ii) Volatile matter (iii) Ash Content				
8	Maximum Generation (last 2 years) MW				
9	Minimum Generation (last 2 years) MW				
10	Maximum Ramp Rate Up (last 2 years)				
11	Maximum Ramp Rate Down (last 2 years)				
12	Whether 40% Minimum load Achieved (YES/NO) (i) If YES, specify the duration and time (ii) If NO, specify the reason for the same (iii) Whether low load test conducted at 40% (YES/NO) (a) If YES, measures identified/implemented for achieving the same. (b) If No, any action taken in this regard				
13	Any other details				

PHASE 1 (JULY , 2024 - JUNE , 2026)

Year	Month	Phase	Sector	Organisation	Name of Project	Unit No.	Capacity (MW)	DT-of COMMISSIONING	Pit head	Region
	November	Phase 1	State	UPRVUNL	HARDUAGANJ TPS	10	660	1/29/2022	N	NR
	November	Phase 1	Private	GPGSL (GVK)	GOINDWAL SAHIB	2	270	3/15/2016	N	NR
	November	Phase 1	State	APPDCL	DAMODARAM SANJEEVAIAH TPS	3	800	3/9/2023	N	SR
	November	Phase 1	State	TSGENCO	BHADRADRI TPP	4	270	1/9/2022	N	SR
	November	Phase 1	State	TANGEDCO	METTUR TPS-II	1	600	10/11/2012	N	SR
	November	Phase 1	Central	NTPC	GADARWARA TPP	2	800	2/16/2021	N	WR
	November	Phase 1	Private	RKMPPL	UCHPINDA TPP	3	360	9/12/2017	N	WR
	November	Phase 1	Central	NTPC	MAUDA TPS	3	660	3/28/2016	N	WR
	November	Phase 1	Private	APL	MUNDRA TPS	8	660	3/3/2012	N	WR
	November	Phase 1	Central	DVC	BOKARO TPS `A` EXP	1	500	3/22/2016	N	ER
				November Total		**10**	**5580**			
2024	December	Phase 1	Central	NTPC	TANDA TPS	6	660	3/31/2021	N	NR
	December	Phase 1	Private	GPGSL (GVK)	GOINDWAL SAHIB	1	270	2/14/2016	N	NR
	December	Phase 1	Private	ITPCL	ITPCL TPP	2	600	4/18/2016	N	SR
	December	Phase 1	Private	HNPC	VIZAG TPP	2	520	3/30/2016	N	SR
	December	Phase 1	Central	NTPC	SIMHADRI	4	500	3/30/2012	N	SR
	December	Phase 1	Central	NTPC	LARA TPP	2	800	7/12/2020	N	WR
	December	Phase 1	Private	RATTANINDIA	NASIK (P) TPS	5	270	5/30/2017	N	WR
	December	Phase 1	Private	APL	RAIKHEDA TPP	2	685	3/28/2016	N	WR
	December	Phase 1	Private	CGPL	MUNDRA UMTPP	1	800	2/25/2012	N	WR
	December	Phase 1	Private	IBPIL	UTKAL TPP (IND BARATH)	1	350	2/25/2016	N	ER
				December Total		**10**	**5455**			
				2024 Total		**20**	**11035**			
	January	Phase 1	Central	NTPC	MEJA STPP	2	660	1/12/2021	N	NR
	January	Phase 1	Private	SPPL	0	1	525	11/30/2021	N	SR
	January	Phase 1	State	SCCL	SINGARENI TPP	1	600	3/13/2016	N	SR
	January	Phase 1	Central	NTECL	VALLUR TPP	1	500	3/28/2012	N	SR
	January	Phase 1	Central	NTPC	KHARGONE STPP	2	660	3/24/2020	N	WR
	January	Phase 1	Private	RATTANINDIA	NASIK (P) TPS	4	270	5/19/2017	N	WR
	January	Phase 1	Private	BALCO	BALCO TPS	2	300	3/24/2016	N	WR
	January	Phase 1	Central	DVC	RAGHUNATHPUR TPP	2	600	1/18/2016	N	ER
				January Total		**8**	**4115**			
	Februrary	Phase 1	State	RRVUNL	Suratgarh SCTPP	7	660	3/15/2020	N	NR
	Februrary	Phase 1	Central	NTPC	UNCHAHAR TPS	5	210	9/28/2006	N	NR
	Februrary	Phase 1	State	TSGENCO	BHADRADRI TPP	3	270	3/26/2021	N	SR
	Februrary	Phase 1	State	KPCL	BELLARY TPS	3	700	3/1/2016	N	SR
	Februrary	Phase 1	Central	NTPC	KHARGONE STPP	1	660	9/29/2019	N	WR
	Februrary	Phase 1	Private	SKS	BINJKOTE TPP	2	300	4/25/2017	N	WR
	Februrary	Phase 1	Private	JHAPL	SEIONI TPP	1	600	3/22/2016	N	WR
	Februrary	Phase 1	Central	NTPC	KUDGI STPP	1	800	12/25/2016	N	SR
				Februrary Total		**8**	**4200**			
	March	Phase 1	Central	NTPC	TANDA TPS	5	660	9/28/2019	N	NR
	March	Phase 1	State	TSGENCO	BHADRADRI TPP	2	270	12/7/2020	N	SR
	March	Phase 1	Private	SEIL	PAINAMPURAM TPP	2	660	9/3/2015	N	SR
	March	Phase 1	Private	TRNE	NAWAPARA TPP	2	300	4/18/2017	N	WR
	March	Phase 1	State	MAHAGENCO	CHANDRAPUR(MAHARASHTRA) STPS	9	500	3/21/2016	N	WR
	March	Phase 1	Private	TSPL	TALWANDI SABO TPP	3	660	3/29/2016	N	NR
	March	Phase 1	State	CSPGCL	MARWA TPS	2	500	7/15/2016	N	WR
	March	Phase 1	Private	CGPL	MUNDRA UMTPP	3	800	10/16/2012	N	WR
	March	Phase 1	State	SCCL	SINGARENI TPP	2	600	11/25/2016	N	SR
2025				**March Total**		**9**	**4950**			
	July	Phase 1	State	RRVUNL	CHHABRA TPP	6	660	3/29/2019	N	NR
	July	Phase 1	State	TSGENCO	BHADRADRI TPP	1	270	6/5/2020	N	SR
	July	Phase 1	Central	NTPL	Thoothukudi (JV) TPP	2	500	7/9/2015	N	SR
	July	Phase 1	Central	NTPC	GADARWARA TPP	1	800	3/29/2019	N	WR
	July	Phase 1	Private	RATTANINDIA	NASIK (P) TPS	3	270	4/14/2017	N	WR
	July	Phase 1	Private	SEIL	SGPL TPP	1	660	11/12/2016	N	SR
	July	Phase 1	State	MAHAGENCO	KORADI TPS	9	660	3/15/2016	N	WR
				July Total		**7**	**3820**			
	November	Phase 1	Central	NTPC	MEJA STPP	1	660	3/31/2018	N	NR
	November	Phase 1	State	TSGENCO	KOTHAGUDEM TPS (STAGE-7)	12	800	12/26/2018	N	SR
	November	Phase 1	State	APPDCL	DAMODARAM SANJEEVAIAH TPS	2	800	3/17/2015	N	SR
	November	Phase 1	State	MPPGCL	SHREE SINGAJI TPP	4	660	3/27/2019	N	WR
	November	Phase 1	Central	NTPC	SOLAPUR STPS	1	660	4/7/2017	N	WR
	November	Phase 1	Private	RKMPPL	UCHPINDA TPP	2	360	1/28/2016	N	WR
	November	Phase 1	Central	NTECL	VALLUR TPP	2	500	2/28/2013	N	SR
	November	Phase 1	Private	CGPL	MUNDRA UMTPP	2	800	7/17/2012	N	WR
	November	Phase 1	Private	SPPL	SHIRPUR TPP	1	150	9/28/2017	N	WR
				November Total		**9**	**5390**			
	December	Phase 1	Central	NTPC	KUDGI STPP	3	800	3/12/2018	N	SR
	December	Phase 1	Central	NTPL	Thoothukudi (JV) TPP	1	500	3/10/2015	N	SR
	December	Phase 1	Private	RKMPPL	UCHPINDA TPP	4	360	3/20/2019	N	WR
	December	Phase 1	Central	NTPC	MAUDA TPS	4	660	3/18/2017	N	WR
	December	Phase 1	State	TANGEDCO	NORTH CHENNAI TPS	4	600	9/13/2013	N	SR
	December	Phase 1	Central	NTPC	LARA TPP	1	800	3/23/2018	N	WR
	December	Phase 1	Private	RATTANINDIA	AMARAVATI	5	270	3/12/2015	N	WR
				DecemberTotal		**7**	**3990**			
				2025 Total		**48**	**26465**			
	January	Phase 1	State	RRVUNL	CHHABRA TPP	5	660	4/4/2017	N	NR
	January	Phase 1	State	APGENCO	RAYALASEEMA TPS	6	600	3/12/2018	N	SR
	January	Phase 1	Private	SEIL	PAINAMPURAM TPP	1	660	2/7/2015	N	SR
	January	Phase 1	State	MPPGCL	SHREE SINGAJI TPP	3	660	11/18/2018	N	WR
	January	Phase 1	Private	RATTANINDIA	NASIK (P) TPS	2	270	2/15/2017	N	WR
	January	Phase 1	State	TANGEDCO	NORTH CHENNAI TPS	5	600	3/9/2013	N	SR
	January	Phase 1	Private	APL	MUNDRA TPS	9	660	3/9/2012	N	WR
	January	Phase 1	Private	WPCL	AKALTARA TPS	2	600	1/18/2018	N	WR
	January	Phase 1	Central	NTPC	MAUDA TPS	2	500	3/29/2013	N	WR
				January Total		**9**	**5210**			
	Februrary	Phase 1	Central	NTPC	UNCHAHAR TPS	6	500	3/31/2017	N	NR
	Februrary	Phase 1	State	KPCL	YERMARUS TPP	2	800	3/29/2017	N	SR
	Februrary	Phase 1	State	APPDCL	DAMODARAM SANJEEVAIAH TPS	1	800	8/28/2014	N	SR
2026	Februrary	Phase 1	Private	APL	MAHAN TPP	2	600	10/7/2018	N	WR
	Februrary	Phase 1	State	MAHAGENCO	KORADI TPS	10	660	12/28/2016	N	WR
	Februrary	Phase 1	Central	NTPC	SOLAPUR STPS	2	660	3/30/2019	N	WR
	Februrary	Phase 1	Private	CGPL	MUNDRA UMTPP	5	800	3/18/2013	N	WR
				February Total		**7**	**4820**			
	March	Phase 1	Central	NTPC	KUDGI STPP	2	800	3/23/2017	N	SR
	March	Phase 1	Central	NTECL	VALLUR TPP	3	500	2/28/2014	N	SR
	March	Phase 1	Private	SKS	BINJKOTE TPP	1	300	3/28/2018	N	WR
	March	Phase 1	Private	TRNE	NAWAPARA TPP	1	300	8/14/2016	N	WR
	March	Phase 1	State	MAHAGENCO	PARLI TPS	8	250	3/30/2016	N	WR

March	Phase 1	Private	MBPMPL	ANUPPUR TPP	2	600	3/30/2016	N	WR
March	Phase 1	Private	CGPL	MUNDRA UMTPP	4	800	1/16/2013	N	WR
March Total					**7**	**3550**			
TOTAL UNITS AND CAPACITY					**91**	**51080**			

STATUS OF ERS IN ER **Annexure B.2.1.f**

Sl. No.	Entity	ERS(Sets)Required as per the Govt. norms	Voltage levels(kV)	Length of TL owned by the utility (ckt kms)	No. of ERS (tower) available	No. of Tension Towers available	No. of Suspension Towers available	No. of ERS (SET) available	Whether all ERS towers available in ER (Y/N)
1	OPTCL	1 set	400 kV	1196.87	29				
		2 set	220 kV	6835.48	0				
		2 set	132 kV	8717.11	0				
2	PGCIL ER-I	1 set	765 kV	1075.17	24				
		3 set	400 kV	11569.95	16				
					16				
		1 set	220 kV	481.68	0				
		1 set	132 kV	94.09	0				
3	Adani transmission limited(ATL)	1 set	400 kV	959.32	3				
4	PGCIL (Odisha)	1 set	765 kV	1845.00	9				
					15				
		1 set	400 kV	3355.00	3				
		1 set	220 kV	61.00					
5	PGCIL ER-II	2 set	400 kV	5840.00	10				
		set			16				
		1 set	220 kV	1041.00	0				
		1 set	132 kV	332.00	0				
		1 set	765 kV	639.00	0				
6	WBSETCL	1 set	220kV	4051.22	6				
					2				
					1				
					3				
					4				
		1 set	400 kV	2492.51	0				
		2 set	132 kV	9670.58	0				
		1 set	66 kV	333.00	0				
7	Indigrid (ENICL, OGPTL & PKTCL)	1 set	400 kV	1556.70	1				
		1 set	765 kV	612.00	0				
8	JUSNL	1 set	220 KV	2599.51	3				
					2				
					3				
		1 set	400 kV	360.94	0				
		1 set	132 kV	4067.80	0				
9	DVC	1 set	220 kV	2975.64	7				
		1 set	400 kV	482.69					
		1 set	132 kV	4005.21	0				
10	BSPTCL	3 set	132kV	12194.38	42				
		1 set	220 kV	5476.29	0				
		1 set	400 kV	600.00	0				
11	CBPTCL	1 set	400	173					
12	PL	1	400	795.6					
		1	220	48.1					
13	SPTL	1	400	430					
14	PMTL	1	400	487					
15	PMJTL	1	400	4068					
		4	765	15768					
16	DMTCL	1	400	277					
17	PERWRPTL	1	400	68					

ANNEXURE B.2.7

Agenda: Requirement of spare ICT under regional pool of Eastern Region ISTS System in line with CERC norms.

As per **CERC guidelines (July 2020)**, each region (state wise) must maintain spare single-phase and three-phase transformer/reactor units for ISTS reliability. **POWERGRID** has been maintaining these spares as per norms.

However, with increasing demand and recent utilization of spares in **non-ISTS systems**, it's essential to **review state-wise spare requirements** to ensure system reliability.

A consolidated requirements of spare transformer under regional pool of Eastern Region has been prepared considering:

- Transformer population installed
- Spares utilized
- Current availability

This review of proposed requirement of spare will help determine the **adequate number of spares** to be maintained under the **Regional Pool** for contingency readiness in the evolving power system.

Region-ER-I/POWERGRID

Voltage Rating (kV)	Capacity (MVA)	Total Installed Qty.		Spares available		Required as per CERC guidelines	Remarks
		Bihar	Jharkhand	Bihar	Jharkhand		
400/220	500 MVA	14	1	1	0	1	01 No for Jharkhand
	315 MVA	6	9	2*	1*	1	1 no. Augmented spare ICT at Muzaffarpur SS/Bihar, has been diverted to DVC Koderma on loan basis as per 54th ERPC approval. 1 no. available spare of Jamshedpur/Jharkhand is under diversion to

							Subhasgram, ER2 as per 54th ERPC approval. After completion of diversion, spare at **Jharkhand will be ZERO.**
400/132	315 MVA	2	NIL	0	NA	1	01 No required for Bihar
	200 MVA	4	NIL	0	NA	1	01 No. Spare required for 200 MVA at Bihar.
220/132	200 MVA	1	NIL	0	NA	1	1 No. Spare required for 200 MVA at Bihar.
	160 MVA	4	2	1	1	NIL	
	100 MVA	2	NIL	0	NA	1	Higher rating of 160 MVA available

Region-ER-II/POWERGRID

Voltage Rating (kV)	Capacity (MVA)	Total Installed Qty		Spares available		**Required as per CERC guidelines**	Remarks
		West Bengal	Sikkim	West Bengal	Sikkim		
400/220	500 MVA	10	NIL	1*	NA		Available spare already consumed as 7th ICT of Subhasgram SS and approved in 54th ERPC. 01 No for Maithon SS, approved vide 52nd ERPC meeting. LOA placed to M/S. Kanohar on dated 10.06.2025. Schedule-24 Months.
	315 MVA	12	NIL	1*	NA		1 no. Augmented spare ICT of Malda SS has been

						1	diverted to WBSETCL/Jeerat on loan basis as per ERPC approval on Dec-2023. 01 No at Durgapur is more than 35 years old.
	105 MVA	0	15	0	2	NIL	01 No spare Unit under commissioning at Siliguri SS. Approved in ERPC meeting on August-2022.
220/132	160 MVA	7	0	1*	0	NIL	Regional spare consumed against 2nd ICT failed at Birpara SS on Aug-24. Presently failed unit is under repairing at Birpara SS.
	100 MVA	NIL	4	NA	0	1	01 No spare required for Sikkim
132/66	50 MVA	NIL	3	NA	0	1	01 No available spare commissioned as 3rd ICT at Gangtok vide approval of 7th CMETS.

Region-Odisha/POWERGRID

Voltage Rating (kV)	Capacity (MVA)	Total Installed Qty	Spares available	**Required as per CERC guidelines**	Remarks
400/220	500 MVA	4	01	0	Spare unit available at Pandiabili.
	315 MVA	14	01	0	
	105 MVA	7	0	1	No hot/cold spare available for 04 units installed at Jaypore and 03 units installed at Indravati.
220/132	160 MVA	2	1	0	Spare unit available at Baripada.

The consolidated requirements of spare transformers under regional pool of Eastern Region ISTS system are as follows:

Sl NO.	Voltage Rating (KV)	Capacity (MVA)	Spare required as per CERC guidelines	State	Remarks
1.	400/220	500	01	Jharkhand	400KV Ranchi S/S
2.	400/220	315	01	Jharkhand	
3.	400/220	105	01	Odisha	Jaypore & Indravati
4.	400/132	315	01	Bihar	
5.	400/132	200	01	Bihar	Lakhisarai & Banka S/S
6.	220/132	200	01	Bihar	
7.	220/132	100	01	Sikkim	Rangpo S/S. Timeline and other transportation factor will be included in DPR as Rangpo situated in hill terrain.

Members may please deliberate.

Annexure B.2.1.i

No. 10/1/2024-St.Th.
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated the 19th Dec, 2025

OFFICE MEMORANDUM

Subject: Minutes of the meeting held under the chairmanship of the Secretary (Power) to discuss the guidelines for review of Flue Gas Desulphurization (FGD) projects in view of the revised applicability of SO_2 norms – reg.

The undersigned is directed to forward herewith a copy of the Minutes of the meeting chaired by the Secretary (Power) on 12.12.2025 at 12:30 PM to discuss the guidelines for review of Flue Gas Desulphurization (FGD) projects in view of the revised applicability of SO_2 norms, for information and further necessary action.

Encl.: As Above.

19/12/25

(Rohit Bhardwaj)
Section Officer (St. Thermal)
Tele: 011-23063746

To,

(i) The Chairperson, Central Electricity Authority (CEA);
(ii) CMD, NTPC Ltd.

Copy to:

(i) PPS to Secretary (Power)
(ii) PPS to AS (Thermal)
(iii) PPS to Director (Thermal)

Minutes of the meeting held under the Chairmanship of the Secretary (Power) to discuss the guidelines for review of Flue Gas Desulphurization (FGD) projects in view of the revised applicability of SO_2 norms: MoEF&CC Notification dated 11.07.2025.

A meeting was held under the chairmanship of the Secretary (Power) on **12.12.2025 at 12:30 PM** on the above mentioned-subject. The meeting was attended by senior officers of the Ministry of Power (MoP), Central Electricity Authority (CEA) and NTPC Ltd. The list of participants is at **Annexure.**

2. At the outset, AS(Thermal), MoP welcomed all the participants and outlined the agenda of the meeting.

3. CEA made a detailed presentation on the impact of the MoEF&CC Notification dated 11.07.2025 and way forward for the Thermal Power Plants (TPPs).

4. After detailed deliberations, the following action points emerged:

(i) Regarding Category C TPPs, wherever contracts for FGD systems are not yet awarded, respective GENCOs should not proceed further with the installation.

(ii) In all other cases, the future course may be mutually decided by respective stakeholders.

The meeting ended with a vote of thanks to all the participants.

***

Annexure

List of Participants

Ministry of Power

1. Sh. Pankaj Agarwal, Secretary (Power).....in Chair
2. Sh. Piyush Singh, Additional Secretary (Thermal)
3. Sh. Satish Kumar, Director (Thermal)
4. Sh. Rohit Bhardwaj, Section Officer (State Thermal)

Central Electricity Authority

5. Sh. B.C. Mallick, Principal Chief Engineer- II
6. Sh. Surata Ram, Chief Engineer (TPR&M)
7. Sh. P. Kumar, Director (TPR&M)
8. Sh. Prankur Patel, Assistant Director (TPR&M)

NTPC Ltd.

9. Sh. Gurdeep Singh, CMD
10. Sh. K.S. Sundaram, Director (Projects)
11. Sh. Pankaj Kumar Gupta, CGM
12. Sh. Mayank, CGM
13. Sh. Sitesh Barche, DGM
14. Sh. V. Santosh, DGM

Annexure 1B

GUIDELINES
on
DIVERSION of REGIONAL COLD SPARES (TRANSFORMERS and REACTORS)

November 2025

NORTHERN REGIONAL POWER COMMITTEE

1. Background & Objective

POWERGRID procures and maintains regional spares- transformers and reactors- to ensure the continuity of power supply and grid stability in the event of a contingency, such as the sudden failure of an in-service transformer or reactor. The primary purpose of these spares is to meet contingencies/emergencies within ISTS substations of the region. Regional spares are primarily sanctioned for use in Inter-State Transmission System (ISTS) substations. However, diversion of such spares to a State Transmission Utility (STU) may be permitted only under exceptional circumstances, based on the criticality of the requirement and subject to expeditious replenishment by the Borrower.

These Guidelines sets out the framework, eligibility, processes, roles, responsibilities, and conditions under which regional spares- transformers and reactors-maintained by POWERGRID may be diverted to eligible utilities. These Guidelines seeks to balance the need to extend emergency support to constituents with the responsibility of ensuring adequate spare availability for the ISTS network.

2. Scope & Applicability

These Guidelines applies exclusively to transformers and reactors approved by the respective Regional Power Committee (RPC) as *Cold Regional Spares* for use in Inter-State Transmission System (ISTS) substations within the region. These spares are procured, owned, and maintained by POWERGRID to ensure operational continuity of the ISTS network during contingencies. Diversion of Regional Spares may be considered for the following eligible beneficiaries within the same Region:

- **ISTS Substations**.
- **State Transmission Utility (STU) Substations**

Diversion may be considered only in case of failure of existing in-use equipment and where diversion is essential for grid security and reliability. Diversion for commissioning of new assets or Inter-regional diversion of equipment to any constituent may not be permitted. All diversions may be executed strictly on a replenishment basis and may not amount to sale or transfer of ownership of the equipment.

3. Roles and Responsibilities

3.1. Lender (POWERGRID): POWERGRID may ensure that the cold regional spares- Transformers and Reactors- are maintained in operationally ready condition and available for deployment during contingencies. POWERGRID may:

- Maintain a central inventory of all Regional Spares with technical particulars and locations.
- Implement the diversion only after RPC or its sub-forum’s approval, as the case may be, and in accordance with these guidelines.
- Record every approved diversion in the central register, including date of diversion, borrower, and approved return timeline.

- Monitor adherence to approved diversion timelines and report deviations to the respective RPC Secretariat.

3.2. Borrower: The Borrower may be responsible for safe custody and operation of the diverted Regional Spare during its possession. The Borrower may:

- Submit a formal diversion request to the respective RPC Secretariat with required technical and contingency details.
- Jointly verify the equipment condition at POWERGRID substation prior to MoU signing.
- Bear all expenses associated with transportation (both ways), transit insurance, erection, testing, commissioning, and related statutory charges, as applicable, and any incidental expenditure or loss to POWERGRID.
- Ensure site readiness and compatibility of the spare equipment before diversion.
- Furnish a valid Bank Guarantee equal to the prevailing cost of the equipment, effective till 45 days after return or replenishment is completed.
- Maintain and operate the equipment in accordance with applicable technical standards and POWERGRID's guidelines.
- Return or replenish the equipment in healthy condition within the approved timeframe and bear any repair or replacement cost arising from damage or failure.
- After returning of equipment, all pre-commissioning tests may be jointly performed at POWERGRID station to ascertain healthiness. In case of any deviation, POWERGRID may take up the repair of equipment and cost of the repair may be borne by the Borrower.

3.3. RPC Secretariat: The concerned RPC Secretariat may facilitate deliberation of the diversion proposal in the RPC or its sub-forum and place the Borrower's request before the members for decision. It may record all decisions, including timelines for return or replenishment. RPC Secretariat may communicate the decision of the forum to borrower and Powergrid within one week of decision in RPC or its sub-forum meeting.

4. Procedure for Diversion

4.1. Submission of Request: The Borrower may submit a written request to the concerned RPC Secretariat, specifying:

- The nature of contingency or failure necessitating diversion, including details of affected substation and equipment.
- Technical parameters of the failed equipment and the matching requirement from the Regional Spare pool.
- A detailed action plan and proposed timeline for return or replenishment of the diverted equipment.

4.2. Evaluation and Approval: The RPC or its sub-forum may evaluate the request on merit, considering:

- The severity and genuineness of the contingency.
- Availability of the Regional Spare and its necessity for ISTS grid reliability.
- Impact on overall system stability and adequacy of remaining spares.

The decision of the RPC or its sub-forum will be final and binding on all concerned entities. Upon approval, the forum may record the diversion details and the agreed period of utilization in its proceedings.

4.3. Execution of Memorandum of Understanding (MoU)

- Following the approval of diversion by the respective RPC or its sub-forum, the Borrower and POWERGRID may execute a Memorandum of Understanding (MoU) within forty-five (45) days from the date of RPC or its sub-forum. *For the purpose of these Guidelines, date of communication by RPC secretariat of the decisions of the forum to borrower and Powergrid as defined in para 3.3 shall be treated as the date of RPC or its sub-forum approval, as the case may be.*
- The MoU may specify all terms and conditions of diversion, including equipment details, responsibilities of both parties, financial implications, Bank Guarantee (BG) requirements, maintenance and reporting obligations, timelines for return/replenishment, and applicable penalties for default.

4.4. Condition Assessment and Testing

- Before diversion, a joint inspection of the equipment may be carried out by POWERGRID and the Borrower at the designated POWERGRID substation. The physical condition and test results may be documented and signed jointly.
- Upon return, the equipment may undergo joint pre-commissioning testing at the POWERGRID station to ascertain its healthiness. Any deviation, defect, or damage observed during inspection may be rectified at the Borrower's cost. Where repair or refurbishment is necessary, the Borrower may carry it out through the OEM or other approved agency as per POWERGRID specifications.

5. General Conditions of Diversion

5.1. Timeframe for Diversion and Return

- The Borrower should take the physical handover of the equipment from the designated POWERGRID substation within forty-five (45) days from the date of execution of the MoU.
- Failure to take the physical handover of the equipment within the ninety-days (90) days from RPC or its sub-forum approval, as applicable, may be treated as revocation the diversion approval.

- The maximum diversion period may not exceed twenty-four (24) months from the Zero Date of Diversion.
- The Borrower may ensure return or replenishment of the diverted equipment within this period as per the action plan approved by the RPC or its sub-forum, as applicable, and the provisions of the MoU.
- Any request for extension of the diversion period beyond twenty-four (24) months or delay in taking the physical handover of the equipment may require prior approval of the respective RPC or its sub-forum, as applicable, supported by written justification.
- On completion of the diversion period, the Borrower should return the equipment in healthy condition to POWERGRID to POWERGRID's technical specifications.
- *The "Zero Date of Diversion" shall be the date recorded in the joint handover certificate signed by representatives of POWERGRID and the Borrower at the time of physical transfer from the designated POWERGRID substation or storage location.*
- *The "Date of Return" shall be the date recorded in the joint handover certificate signed by representatives of POWERGRID and the Borrower, after successful healthiness checking, at the time of physical transfer at the designated POWERGRID substation or storage location.*

5.2. Early Recall

- RPC Forum may recall any diverted equipment at any time before the expiry of the approved period if required in the interest of grid security or system reliability.
- The Borrower should return the equipment immediately upon receipt of such recall notice, and the RPC Secretariat may be intimated accordingly.

5.3. Financial Provisions: Diversion of Cold Regional Spares may be carried out on a cost-neutral basis, ensuring that POWERGRID neither incurs financial loss nor earns additional revenue on account of such diversion. The diversion should not result in any change in the Yearly Transmission Charges recoverable by POWEGRID as per the approved tariff against the diverted asset and financial adjustments, if any, may be settled within the regional pool mechanism as approved by the RPC forum. The Borrower may bear all direct and incidental costs, including transportation, loading/unloading, insurance, erection, testing, and commissioning charges. The Borrower may be fully liable for any loss, damage, theft, or deterioration of the equipment during the diversion period. Insurance coverage may be obtained in the joint name of POWERGRID and the Borrower, with POWERGRID designated as the primary beneficiary.

In line with these principles, the financial treatment for diversion may be as follows:

- **ISTS Substations:** Diversion to any ISTS substation, should be without financial liability to Powergrid/DIC. Such diversion should not affect the Regional tariff or cost-sharing framework.
- **STU Substations:** For diversions to STU substations, the equivalent Yearly Transmission Charge (YTC) of the diverted asset on pro-rate basis, along with any applicable penalty, may be credited to the Regional ISTS Pool for the diverted period.

  For this purpose, POWERGRID may raise bilateral bills to the borrower to recover the equivalent YTC of the diverted asset on pro-rate basis, along with any applicable penalty. The YTC may be computed in accordance with the prevailing Tariff Regulations, Sharing Regulations, or any other rules or regulations notified by CERC or the Ministry of Power, and all provisions relating to due dates, late payment surcharge, interest, or other billing conditions may likewise be governed by the applicable rules or regulations. The amount so recovered may be adjusted in the Regional ISTS Pool through the Second Bill mechanism under sharing regulations, and the corresponding credit shall be passed on to the DICs of the Region in the same Second Bill.

5.4. Bank Guarantee (BG) requirements:

- Borrower may furnish a valid Bank Guarantee equal to the prevailing cost of the equipment, effective till 45 days after return or replenishment is completed.
- The BG may be invoked by POWERGRID to recover any financial loss or liability arising from events such as failure to return or replenish the equipment within the agreed timeframe, or failure to repair, refurbish, or replace the equipment in the event of damage, failure, or loss during transit, erection, or operation.

5.5. Penalty and Default:

- If the Borrower fails to return or replenish the diverted equipment within the agreed timeframe, which may not exceed 24 months, a penalty of 15% of the approved Yearly Transmission Charge (YTC) of the diverted asset may be levied on a pro-rata basis for the delayed duration.
- The penalty amount may be credited to the Regional Component of ISTS charges for the corresponding period. In case of continued default or non-replenishment, POWERGRID may report the matter to the RPC forum for further decision, which may include encashment of the Bank Guarantee and/or regulatory intervention.

5.6. Record-Keeping and Monitoring: POWERGRID may maintain a centralized and up-to-date register of all diversions, containing the following information:

- Borrower entity name and category.
- Equipment details (type, rating, make, serial number).
- Date of diversion and expected return date.
- Physical and test condition at dispatch and upon return.
- Financial treatment and applicable YTC adjustments.
- Status of replenishment or replacement.

6. **Review and Amendment:** These Guidelines may be reviewed from time to time to incorporate operational experience, regulatory updates, or changes in system requirements.
7. **Power to Relax:** RPC forum may relax any of the provisions of these guidelines on its own or on an application made before it by the affected party.

Minutes for the special meeting regarding strengthening of last mile connectivity for Sikkim SLDC held on 01.07.2025 in online mode

The Meeting started with opening remarks from Sr. DGM(CTUIL) and brief introduction of participants. He welcomed all the participants in the meeting.

The connectivity issue of Sikkim SLDC was discussed in 17th ER TeST held on dtd. 27th May 2025, where in it is suggested that some alternate connectivity for Sikkim SLDC to ERLDC may be explored considering current communication issue faced by different natural problems like landslide, thunderstorms, lightening etc. Accordingly, this meeting is called for understanding Sikkim STU network for planning of Sikkim SLDC alternate connectivity.

CTU enquired Sikkim regarding present communication infrastructure/ICCP link being used for data transmission to Sikkim SLDC.

- **Sikkim submitted the following:**

  - There are two paths for connectivity to Sikkim SLDC as per diagram attached at **Annexure-I**:
    Path 1: Gangtok-bulbuley-Sichey-Sikkim SLDC (Total link is ADSS)
    Path 2: Rangpo - Samardong – Dikchu Pool -Tudong - Sichey - Sikkim SLDC
  - However, in April 2025, complete ICCP and voice link was down due to damage of ADSS cable between Gangtok – Sikkim SLDC. The link was damaged due to heavy storm and overhead ADSS needs replacement as per information received from Sikkim officials. The alternate link was restored via Rangpo – Dikchu Pool - Samardong – Tudong - Sichey - Sikkim SLDC route in May 2025.
  - Due to landslide at Sichey Station, ICCP and voice link were down again. Accordingly, communication link was restored by bypassing Sichey S/s.
  - Two separate links have been planned from Sichey to Sikkim SLDC through ADSS.
  - RTU and other communication equipment at Sichey node have also been damaged that has impeded data availability from Sichey at Sikkim SLDC.
  - Backup SLDC has been planned at Gangtok S/s and is now under tendering process.
  - By the end of March 2026, dedicated communication link (OPGW+UGFO) will be established from Sikkim SLDC (samardung-kumrik-Rorathang-Pakyong-LLHP-Sichey-Sikkim SLDC) attached at **Annexure -II** for ICCP communication which is presently under approval process. **After the commissioning of this link there will be three redundant paths i.e two ADSS paths on communication poles and one underground path.**

- However, all the routes pass through common node of Sichey, redundancy is required for Sichey station. CTU enquired about the possibility of laying OPGW on the available transmission line from Sichey-Sikkim SLDC. Sikkim SLDC stated that it isn't feasible as there is no transmission line available.

- CTU suggested to consider installation of communication equipment at Gangtok/other nearby S/s for redundancy of data communication so that whenever Sikkim SLDC is down data visibility and ICCP link won't get affected. Sikkim stated that though ICCP link upto RLDC may be provided using suggested method but they will not be able to visualize/supervise/monitor Sikkim SLDC data. CTU suggested that the possibility of establishing SCADA console at Gangtok/Dikchu pool/any other suitable station may also be explored. Sikkim stated that they will consult with M/s ComTel and M/s Chemtrol and revert accordingly.

- CTU also advised Sikkim to explore the lease line connectivity from Sikkim SLDC to ERLDC.

- SE Sikkim SLDC stated that they have planned for the third communication link (**Annexure-II**) in 2017 and approved the scheme in 2019 but due to contractor and installation issues the planned project has been cancelled. However, he submitted that same link is being planned currently and is in approval process and will be commissioned by Mar 2026.

- CTU stated that Power and Fiber Optic map may be provided to CTU for better understanding and further planning pertaining to Sikkim. Sikkim agreed with the same.
- After the above deliberations, it is inferred that there already exist two redundant paths for SLDC Sikkim and a third path has already been planned and is expected to be commissioned by Mar 2026.

Meeting ended with the vote of thanks.

List of Participants:

CTUIL

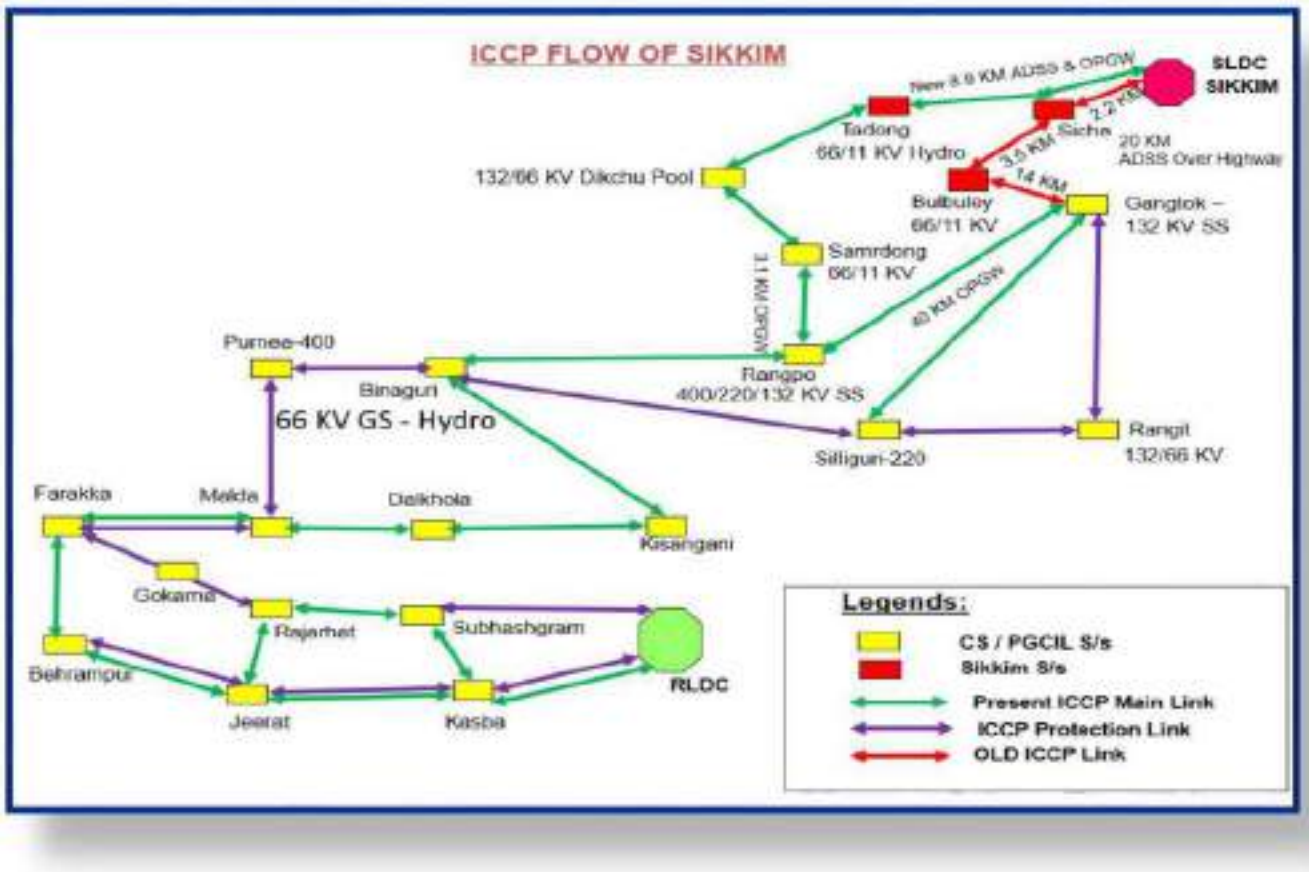
1. Sh Shiv Kumar Gupta Sr.DGM
2. Sh Kaushal Suman Ch.Mgr
3. Sh M. Dinesh Sai ET

Sikkim SLDC

1. Sh Namgal Tashi SE
2. Sh Sonam Wongchuk AE
3. Sh Sagar JE

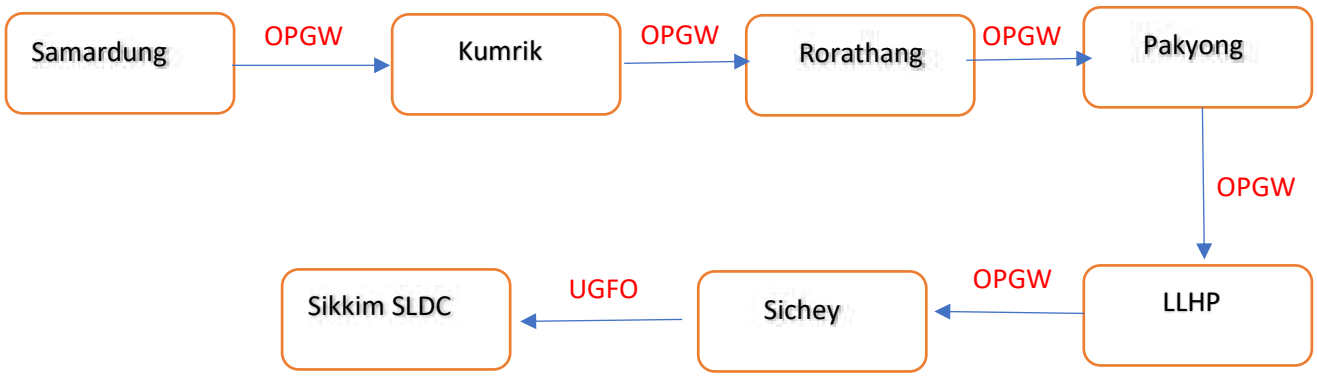
Annexure – I

Existing Communication network for Sikkim SLDC



Annexure -II

Proposed Communication link for Sikkim SLDC



ଗ୍ରିଡ୍‌କୋ ଲିମିଟେଡ୍
GRIDCO Limited
(A Govt. of Odisha Undertaking)
Regd. Office: Janpath, Bhubaneswar-751022, ODISHA
Phone: 0674-2540098/2540877 Fax: 2541904/2543031; Web: www.gridco.co.in
CIN: U40109OR1995SGC003960

No CGM(PP)-30/2020(Part-3)/-Part(2) 1694 Date: 22/04/2026

To,
GM (Commercial)
Eastern Region-II Head Quarter NTPC Ltd.
OLIC Building N 17/2 Nayapalli
Bhubaneswar-751012

Sub: Return of NTPC Bill dated 20.04.2026 pertaining to Ash Transportation Charges

Ref: 1.GRIDCO's earlier communication to NTPC vide letter dated 21.04.2026 regarding Ash Transportation Charges.

Sir,

GRIDCO has received bill dated 20.04.2026 from NTPC Ltd. amounting to Rs.34,66,75,021/-. It is pertinent to mention that GRIDCO has already communicated to NTPC through its letter dated 21.04.2026 (copy enclosed) that the bills raised towards Ash Transportation Charges are not in conformity with the provisions of the CERC Tariff Regulations as amended vide Gazette Notification dated 20.03.2026.

It is understood that the present bill dated 20.04.2026 also pertains to Ash Transportation Charges of Darlipalli STPS-I. In view of the regulatory provisions already cited in our earlier communication, such claims are not admissible.

NTPC is requested to revise its claim in line with the applicable regulatory provisions and furnish the necessary supporting documents as stipulated in the Gazette Notification for any future claims. The bill served by NTPC on dt.20.04.2026 be rescinded and returned herewith.

Encl.: As above.

Yours faithfully,

Director (Commercial)

NTPC Ltd.

ER-Headquarters
2nd Floor, Lok Nayak Jai Prakash
Bhawan, Dak Bunglow Chowk,Patna, Bihar -800001

CIN: L40101DL1975GOI007966 PAN NO.: AAACN0255D

Invoice Summary

Ref: NTPC/ENERGY BILL/1037/20.04.2026

Send To: **GRIDCO Ltd.,**
Power Purchase Branch,
Administrative Wing,
Bhoinagar, Bhubneswar,
-751022.

Copy To: **General Manager**

Beneficiary : **GRIDCO Ltd .**
Invoice Date : **20.04.2026**
Last Date of Payment : **20.05.2026**
Phone No : **0674-2541320**
Fax No : **0674-2547180**

S.N.	Station	From Date	To Date	Ref. Doc. No.	Rebatable Amount (A)	Non-rebatable Amount (B)	Total (A+B)
1	DSTPS_1F	01.03.2026	31.03.2026	604483200	346,675,021.00	0.00	346,675,021.00
			Total (Rs.)		**346,675,021.00**	**0.00**	**346,675,021.00**

Rupees *(in Words)* : **Thirty-Four Crore Sixty-Six Lakh Seventy-Five Thousand Twenty-One Only**

E. & O.E.

For & on behalf of NTPC Limited

Bank Details: Current Account No. **NTPCCC1037GRDC**, **State Bank of India**, 5th Floor, Redfort Capital, Parsvnath Towers, Bhai Veer Singh Marg, Gole Market, New Delhi- 110001; IFSC CODE : **SBIN0017313**; SWIFT CODE : **SBININBB824**; BRANCH CODE :**17313**.

Annexure -B6.C

Current Status of Letter of Credit (LC) amount against DSM charges for ER constituents

Figures in Lacs of Rupees

Sl No	ER Constituents	No. of weeks in which Deviation Charge payable	No of times payment was delayed during 2025-26	Total Deviation charges payable to pool during 2025-26	Average weekly Deviation Charge liability (C)/52 weeks	LC Amount 110% of (D)	Defaulting Weeks	Due date of expiry	Remarks
		(A)	(B)	(C)	(D)	(E)	(G)	(F)	(G)
1	Bihar State Power Holding Corporation Limited	27	25	6490.76	124.82	137.30451	All Weeks except 49, 50		
2	Jharkhand State Electricity Board / झारखंड	35	33	7193.37	138.33	152.16749	All Weeks except 8 , 9		
3	Damodar Valley Corporation / डीवीसी	31	7	3053.17	58.71	64.58627	16, 20, 22, 23, 31, 35, 46		
4	Power Deptt, Govt. of Sikkim / सिक्किम	37	37	1840.12	35.39	38.92572	All Weeks		
5	NTPC / एनटीपीसी	48	1	21977.32	422.64	464.90481	W-46		
6	Maithon Power Limited / मैथन	10	2	96.14	1.85	2.03369	35, 36		
7	Adhunik Power & Natural Resources Limited / अधुिनक शक्ति	32	12	216.69	4.17	4.58388	1, 2, 3, 4, 5, 6, 7, 8, 11, 23, 29, 50	12-05-2026	LC opened for ₹ 8,33,680 /-
8	GI Hydro Private Limited/ चुजाचेन	34	24	203.69	3.92	4.30874	All Weeks Except 1, 4, 13, 17, 22, 40, 42, 47, 50, 52		
9	GMR Kamalanga Energy Limited / जीएमआर	45	25	369.88	7.11	7.82430	1, 2, 7, 8, 9, 11, 13, 14, 15, 16, 17, 18, 22, 26, 27, 28, 29, 30, 32, 35, 36, 43, 44, 51, 52		
10	Jindal India Power Ltd. / जिंदल	25	2	669.85	12.88	14.16996	27, 50		
11	DANS Energy Private Limited - Operation Retention Account / डेन्स ऊर्जा	6	5	17.79	0.34	0.37624	4, 18, 24, 27, 44		
12	NTPC Vidyut Vyapar Nigam Ltd-Nepal / एनटीपीसी-नेपाल	39	1	7185.65	138.19	152.00422	11		
13	Bhartiya Rail Bijlee Company Ltd. /बीआर बीसीएल	38	1	608.45	11.70	12.87114	42		
14	Sneha Kinetic Power Projects Pvt. Ltd./ दिकचू	14	6	144.61	2.78	3.05914	1, 2, 8, 9, 17, 41		
15	PGCIL-Alipurduar / अलीपुरदुआर	37	30	58.14	1.12	1.22995	All Weeks Except 1, 4, 5, 16, 17, 20, 49		
16	Shiga Energy Private / शिगा ऊर्जा	16	11	47.91	0.92	1.01351	All Weeks Except 1, 15, 17, 50, 52		
17	East Central Railway	48	8	472.50	9.09	9.99522	24, 29, 36, 38, 40, 41, 48, 49		
18	JSW Energy (Utkal) Limited	45	16	17948.84	345.17	379.68706	1, 2, 3, 8, 16, 17, 30, 33, 37, 39, 43, 47, 48, 49, 51, 52		
19	Patratu Vidyut Utpadan Nigam Limited/पत्रातू विद्युत उत्पादन निगम लिमिटेड	18	4	1067.52	20.53	22.58225	37, 47, 50, 51		

Annexure-B6.B1

SUMMARY OF DEVIATION CHARGE RECEIPT AND PAYMENT STATUS

BILL PUBLISHED UPTO 15-04-2026 (W-1 of FY 2026-27)
AS on 27-04-26

Figures in ₹ Lakhs

Sl No.	Constituents	Total Outstanding Receivable to Pool(+Ve) / Payable by pool(-Ve)
1	BSPTCL	0.00
2	JUVNL	1,610.03
3	DVC	0.00
4	GRIDCO	0.00
5	WBSETCL	0.00
6	Sikkim	4,373.76
7	NTPC	-145.18
8	NHPC	-1.67
9	MPL	0.00
10	APNRL	0.10
11	CHUZACHEN	7.30
12	NVVN-BD	0.00
13	GMR	10.11
14	JIPL	1.04
15	JLHEP	0.00
16	NVVN-NEPAL	0.00
17	BRBCL	0.00
18	PGCIL-Sasaram	0.82
19	SUL (Teesta-III)	0.00
20	Dikchu	0.00
21	PGCIL-Alipurduar	5.67
22	Tashiding(THEP)	-3.42
23	RONGNICHU	0.00
24	NVVN-Bhutan	9.61
25	ECR	0.00
26	JSWEUL	344.05
27	NEA-Bihar	0.00
28	PVUNL	132.87
Total		**6,345.10**

Annexure - B6.B2

STATUS OF REACTIVE CHARGES

BILL PUBLISHED UPTO 15-04-2026 (W-1 of FY 2026-27)

AS on 27-04-26

Figures in ₹ Lakhs

Sl No	Name of Parties	Outstanding Amount Receivable to Pool(+Ve) / Payable by pool(-Ve)
1	Bhutan	0.00
2	Bangladesh	0.00
3	Nepal	0.00
4	NEA-Bihar	0.00
5	BSPHCL	0.00
6	JUVNL	11.20
7	DVC	0.00
8	GRIDCO	0.00
9	SIKKIM	-2.40
10	WBSETCL	55.97
11	JIPL	0.94
12	PGCIL-Alipurduar	0.03
13	PGCIL-Sasaram	0.00
14	MPL	0.00
15	APNRL	0.00
16	BRBCL	0.00
17	JLHEP	0.00
18	Chuzachen	0.13
19	TUL	0.00
20	Rongnichu	0.00
21	THEP	0.00
22	Dikchu	0.00
23	ECR	0.28
24	GMR	0.00
25	IND_Bharat	0.00
26	PVUNL	0.04
27	NHPC	0.00
28	NTPC	0.37

Annexure B.2.21.1

Gmail

Preetam Banerjee <preeban72@gmail.com>

Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

5 messages

ERLDC Final Scheduling <finalschder@grid-india.in> Thu, Apr 2, 2026 at 5:42 PM
To: "sldc.dept@bsptcl.bihar.gov.in" <sldc.dept@bsptcl.bihar.gov.in>, "cetjusnl@gmail.com" <cetjusnl@gmail.com>, "sldcranchi@gmail.com" <sldcranchi@gmail.com>, "sldcgridco@yahoo.com" <sldcgridco@yahoo.com>, "sldc_orissa@sldcorissa.org.in" <sldc_orissa@sldcorissa.org.in>, "sikkim.sldc2024@gmail.com" <sikkim.sldc2024@gmail.com>, "wbsldc@gmail.com" <wbsldc@gmail.com>, "dvcsldc@gmail.com" <dvcsldc@gmail.com>, "preetosh.ghosh@dvc.gov.in" <preetosh.ghosh@dvc.gov.in>, "cr.nvvn@ntpc.co.in" <cr.nvvn@ntpc.co.in>, "pmc1.bsphcl@gmail.com" <pmc1.bsphcl@gmail.com>, "cecom.sbpdcl22@gmail.com" <cecom.sbpdcl22@gmail.com>, "cld_sldc@sldcorissa.org.in" <cld_sldc@sldcorissa.org.in>, "ce.wbsldc@gmail.com" <ce.wbsldc@gmail.com>, "wbsldc.enac@gmail.com" <wbsldc.enac@gmail.com>, "powerpurchasebsphcl@gmail.com" <powerpurchasebsphcl@gmail.com>, "sajalkbag74@gmail.com" <sajalkbag74@gmail.com>, "rtamcer2oprn@powergrid.in" <rtamcer2oprn@powergrid.in>, "malaykk@powergrid.in" <malaykk@powergrid.in>, "rtamcer1@powergrid.in" <rtamcer1@powergrid.in>, "sudeepkumar@powergrid.in" <sudeepkumar@powergrid.in>, "achyutanandaparhi@powergrid.in" <achyutanandaparhi@powergrid.in>, "so.dept@bsptcl.bihar.gov.in" <so.dept@bsptcl.bihar.gov.in>, "eemsergrc@gmail.com" <eemsergrc@gmail.com>, "anindya.sarkar@rpsg.in" <anindya.sarkar@rpsg.in>, "ele.sksethi@sldcorissa.org.in" <ele.sksethi@sldcorissa.org.in>, "preeban72@gmail.com" <preeban72@gmail.com>, "remcl@rites.com" <remcl@rites.com>, "mahimalohani6@gmail.com" <mahimalohani6@gmail.com>, "imtheshiv@gmail.com" <imtheshiv@gmail.com>, "mohanmayur1993@gmail.com" <mohanmayur1993@gmail.com>, "tuneshwarkumar@gmail.com" <tuneshwarkumar@gmail.com>, "remcl.vikash@rites.com" <remcl.vikash@rites.com>, "arnabroy.nov@gmail.com" <arnabroy.nov@gmail.com>, "scebrbcl@gmail.com" <scebrbcl@gmail.com>, "scedstps@ntpc.co.in" <scedstps@ntpc.co.in>, "switchyardfarakka@gmail.com" <switchyardfarakka@gmail.com>, scentpckh <scentpckh@gmail.com>, "opn.kbunl@gmail.com" <opn.kbunl@gmail.com>, "scenk@ntpc.co.in" <scenk@ntpc.co.in>, "eemgnpgc@gmail.com" <eemgnpgc@gmail.com>, "scetalcherkaniha@ntpc.co.in" <scetalcherkaniha@ntpc.co.in>, "rccpatna@ntpc.co.in" <rccpatna@ntpc.co.in>, "eemgfarakka@gmail.com" <eemgfarakka@gmail.com>, "npgcccr@ntpc.co.in" <npgcccr@ntpc.co.in>, "eemgtstps@ntpc.co.in" <eemgtstps@ntpc.co.in>, "ntpcbarhswyd@gmail.com" <ntpcbarhswyd@gmail.com>, "YOGESHSINGLA@NTPC.CO.IN" <YOGESHSINGLA@ntpc.co.in>, "arshadjilani@ntpc.co.in" <arshadjilani@ntpc.co.in>, Prasanna Kumar Sahoo <PRASANNASAHOO@ntpc.co.in>, SANTANU KUMAR BAHALI <SANTANUBAHALI@ntpc.co.in>, TAPAS BACHAR <TAPASBACHAR@ntpc.co.in>, Sanjeev Kumar Singh <SKSINGH15@ntpc.co.in>, AS PANDEY <ASPANDEY@ntpc.co.in>, Hare Ram Singh <HRSINGH01@ntpc.co.in>, A K Shukla <AKSHUKLA04@ntpc.co.in>, Anup Kumar <ANUPKUMAR@ntpc.co.in>, Piyus Kumar <PIYUSHKUMAR@ntpc.co.in>, Rahul Anand <RAHULANAND@ntpc.co.in>, Anjana Ranjan Dash <ARDASH@ntpc.co.in>, Ramnath Pujari <RAMNATHPUJARI@ntpc.co.in>, Girish Chandra Mohapatra <GCMOHAPATRA@ntpc.co.in>, Subodh Kumar Pradhan <SKPRADHAN02@ntpc.co.in>, M Jain <MANISHJAIN02@ntpc.co.in>, SUDIP NAG <SUDIPNAG@ntpc.co.in>, SANJU KUMAR YADAV <SANJUKYADAV@ntpc.co.in>, DEEPAK KUMAR SINGH <DEEPAKSINGH@ntpc.co.in>, Suresh Babu Kummara <KSURESHBABU@ntpc.co.in>, Rajat Roy <RAJATROY@ntpc.co.in>, V K GARG <VINAYGARG@ntpc.co.in>, "AVINASHSHUKLA@NTPC.CO.IN" <AVINASHSHUKLA@ntpc.co.in>, "ANURAGGUPTA@NTPC.CO.IN" <ANURAGGUPTA@ntpc.co.in>, "BJCSASTRY@NTPC.CO.IN" <BJCSASTRY@ntpc.co.in>, "MEKOVOOR@NTPC.CO.IN" <MEKOVOOR@ntpc.co.in>, "anjukyadav@ntpc.co.in" <anjukyadav@ntpc.co.in>, "gsrao02@ntpc.co.in" <gsrao02@ntpc.co.in>, "nkeemg@ntpc.co.in" <nkeemg@ntpc.co.in>, "eemgkahalgaon@gmail.com" <eemgkahalgaon@gmail.com>, "cmallick@gmail.com" <cmallick@gmail.com>, "eemgbarh@ntpc.co.in" <eemgbarh@ntpc.co.in>, "ABHISHEKMURARI@NTPC.CO.IN" <ABHISHEKMURARI@ntpc.co.in>, "NURAGGUPTA@NTPC.CO.IN" <NURAGGUPTA@ntpc.co.in>, "JAIPRAKASHVERMA@NTPC.CO.IN" <JAIPRAKASHVERMA@ntpc.co.in>, "DRDEHURI@NTPC.CO.IN" <DRDEHURI@ntpc.co.in>, "RACHANAMEENA@NTPC.CO.IN" <RACHANAMEENA@ntpc.co.in>, "eemg_kbunl@ntpc.co.in" <eemg_kbunl@ntpc.co.in>, DINESH KUMAR <DKUMAR03@ntpc.co.in>, ALKA KUMARI <ALKAKUMARI@ntpc.co.in>, Monika Sinha <MONIKASINHA@ntpc.co.in>, SUMEET NARANG <SUMEETNARANG@ntpc.co.in>, ANAND GAURAV <ANANDGAURAV@ntpc.co.in>, VIJAY SINGH <VIJAYMEENA@ntpc.co.in>, SMRITI GHOSH <SMRITIGHOSH@ntpc.co.in>, "GSAGESH@NTPC.CO.IN" <GSAGESH@ntpc.co.in>, Jitendra Tripathi <JITENDRATRIPATHI@ntpc.co.in>, "ecropenaccessscheduling@gmail.com" <ecropenaccessscheduling@gmail.com>, "cedeecropenaccess@gmail.com" <cedeecropenaccess@gmail.com>, "it.psamal@optcl.co.in" <it.psamal@optcl.co.in>, "sldcranchimo@gmail.com" <sldcranchimo@gmail.com>, "sce_patratu@ntpc.co.in" <sce_patratu@ntpc.co.in>
Cc: "Surajit Banerjee (सुरजीत बनर्जी)" <surajit.banerjee@grid-india.in>, "S C De (समर चन्द्र दे)" <scde@grid-india.in>, "D Biswas (डी बिस्वास)" <dbiswas@grid-india.in>, "Mahavir Prasad Singh (महावीर प्रसाद सिंह)" <mahavir@grid-india.in>, "Kavita Parihar (कविता परिहार)" <kavita@grid-india.in>, "Bilash Achari (बिलाश आचारि)" <bilash.achari@grid-india.in>, "Manas Das (मानस दास)" <manasdas@grid-india.in>, "Anupam Kumar (अनुपम कुमार)" <anupamkumar@grid-india.in>, "Gaurav Verma (गौरव वर्मा)" <gauravverma@grid-india.in>, "Ankit Jain (अंकित जैन)" <ankitjain@grid-india.in>, "Sourav Mandal (सौरव मंडल)"

<souravmandal@grid-india.in>, Amish Kumar Sinha <amish@grid-india.in>, Akash Kalyan <akalyan@grid-india.in>, ERLDC Control Room <erldccr@grid-india.in>, ERLDC Open Access <erldcoa@grid-india.in>

Sir / Madam,

Please see the trailing mail from NLDC regarding the change in default requisition of beneficiaries from **“Full Requisition”** to **“Full Surrender”** in WBES w.e.f. **21st April 2026** for the delivery date **22nd April 2026**.

After implementation of the aforementioned change, if a beneficiary / state does not submit any requisition for a particular ISGS by 08:30 Hrs on D-1, it will be treated as zero requisition for that station, and the schedule will be prepared accordingly. The beneficiary may select their desired option, i.e., Total Full Requisition / On Bar Full Requisition / Manual Input and provide their block-wise requisition as per their GNA limit.

For further details, please refer to the trailing mail.

This is for your kind information and necessary action please.

सादर धन्यवाद / Thanks & Regards,
फाइनल शेड्यूलिंग टीम / Final Scheduling Team
पू.क्षे.भा.प्रे.कें / Eastern Regional Load Despatch Centre
ग्रिड कंट्रोलरऑफ इंडिया लिमिटेड
Grid Controller of India Limited
formerly Power System Operation Corporation Ltd. (POSOCO)

From: Anupam Kumar (अनुपम कुमार)
Sent: 02 April 2026 15:20
To: Chintan Meena; Suruchi Jain (सुरूचि जैन); Amit Gupta (अमित गुप्ता); Prashant K Kanakam (प्रशांत के कन्नाकम); Ramlakhan Meena (रामलखन मीना); Chillimuntha Jagadeesh (चिल्लीमुंथा जगदीश); Pasipu Kartik; Anusha Baruah (अनुशा बरुआ); Sourav Mandal (सौरव मंडल); Samim Mondal (समीम मंडल); Bornali Nath (बोर्नाली नाथ); sch nerldc; SRLDC WBES; WRLDC FINAL SCHEDULING; ERLDC Final Scheduling; NRLDC Scheduling; NLDC Control Room (एन.एल.डी.सी. कंट्रोल रूम); B B Bhoi (बी बी भोई)
Cc: CMD - Grid-India(सीएमडी - ग्रिड-इंडिया); S. C. Saxena (एस. सी. सक्सेना); R K Porwal (आर के पोरवाल); S Usha (एस उषा); Manoj Kumar Agrawal (मनोज कुमार अग्रवाल); RLDCHeads; Venkateshan M (वेंकटेश एम); Amish Kumar Sinha; Akash Kalyan; Sunil Kr. Aharwal (सुनील कुमार अहरवाल); T R Mohapatra (टी आर मोहापात्रा); V Govindraj (वी गोविंदराज); S C De (समर चन्द्र दे); Biswajit Sahu (बिस्वाजित साहू); M Viswnadh (एम विस्वनाध); ED NLDC; NLDC MO1
Subject: Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

Madam/Sir,

ISGS (Section 62 generating stations where the Central Government allocates power shares to States) currently declare their Declared Capacity (DC) by 06:00 hrs on D-1 for the scheduling day (D).

Based on the declared capacity (DC) submitted by ISGS (Section 62 generating stations whose scheduling is done as per beneficiaries’ share) by 06:00 hrs of D-1 for the scheduling day (D), entitlements for each beneficiary/State are computed as per their respective share by 07:00 hrs. Subsequently, beneficiaries/States submit their requisitions in WBES against their entitlements up to 08:30 hrs on D-1.

WBES provides multiple options to beneficiaries/States for submitting requisitions, as listed below:

• Total Full Requisition
• Full Surrender
• On Bar Full Requisition
• Manual Input

These options enable beneficiaries/States to submit requisitions efficiently as per their requirements.

At present, the default option in WBES is “Total Full Requisition.” Accordingly, if a beneficiary does not submit any requisition for a generating station, WBES considers it as full requisition and prepares the schedule.

However, this default setting may lead to unintended over-scheduling and may not reflect the actual requirements of Beneficiaries/States.

To address this issue and ensure scheduling based on actual requirements, it has been decided to change the default option to “**Full Surrender**.”

Under this arrangement, if a beneficiary/State does not submit any requisition for a particular ISGS by 08:30 hrs on D-1, it will be treated as **zero requisition** for that station, and the schedule will be prepared accordingly. The beneficiary may select their desired option Total Full Requisition/ On Bar Full Requisition/ Manual Input and provide their block-wise requisition as per their **GNA limit.**

Further, a system generated email notification will also be sent at **07:40,08:00,08:10 and final notification at 08:20 hrs** to alert those beneficiaries who have not submitted their requisition on D-1 for the scheduling day (D) as a reminder message.

This change will be implemented **from 21.04.2026 (D-1) for scheduling dated 22.04.2026 onwards**.

Accordingly, from **21.04.2026, the default option for requisition submission in WBES shall be “Full Surrender” for scheduling dated 22.04.2026 onwards**

You are requested to kindly inform all ISGS and their Beneficiaries in your region.

सादर और धन्यवाद

अनुपम कुमार

उप महाप्रबंधक (एमओ)

राष्ट्रीय भार प्रेषण केन्द्र

8527990878

Follow Grid-India on:
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Annexure B.2.21.2

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)]
पूर्वी क्षेत्रीय भार प्रेषण केन्द्र / Eastern Regional Load Despatch Centre
कार्यालय : 14, गोल्फ क्लब रोड, टालिगंज, कोलकाता – 700033
Office : 14, Golf Club Road, Tollygunge, Kolkata - 700033
CIN : U40105DL2009GOI188682, Website : www.erldc.in, Tel. : 033 23890060/0061

संदर्भ: पू.क्षे.भा.प्रे.कें/एम.ओ./2026-27/49

दिनांक: 16.04.2026

सेवा में / To:

As per distribution list

विषय: 21.04.2026 से WBES में अनुरोध प्रस्तुत करने में डिफ़ॉल्ट विकल्प के रूप में "पूर्ण समर्पण" का कार्यान्वयन, 22.04.2026 और उसके बाद की तिथियों के लिए अग्रिम शेड्यूलिंग हेतु

Subject: Implementation of "Full Surrender" as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

Ref.: (i) ERLDC email dated 02.04.2026 on the above-mentioned subject matter

(ii) ERLDC email dated 16.04.2026 on the above-mentioned subject matter

Sir,

ISGS (Section 62 generating stations whose scheduling is done as per beneficiaries' share) presently declare their Declared Capacity by 06:00 hrs on D-1 for the D Day. Based on the declared capacity submitted by ISGS, entitlements for each beneficiary/State are computed as per their respective share allocation by 07:00 hrs. Thereafter, beneficiaries/States submit their requisitions in WBES against their entitlements up to 08:30 hrs on D-1.

WBES provides multiple options to beneficiaries/States for submitting requisitions, as listed below:

- Total Full Requisition
- Full Surrender
- On Bar Full Requisition
- Manual Input

These options enable beneficiaries to submit their requestions as per their operational requirements. At present, the default option in WBES is "Total Full Requisition."

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

Accordingly, in cases where a beneficiary does not submit any requisition for a generating station, the system considers it as full requisition and prepares the schedule accordingly. Such default treatment may lead to unintended over-scheduling and may not reflect the actual requirement of beneficiaries and may result in violation of GNA limit by States.

In order to address the above issues, the default option in WBES shall be changed from "Total Full Requisition" to "Full Surrender." Under this arrangement, if a beneficiary/State does not submit any requisition for a particular ISGS by 08:30 hrs on D-1, it shall be treated as zero requisition for that station and the schedule shall be prepared accordingly. However, beneficiaries shall continue to have the flexibility to select any of the available options, i.e., Total Full Requisition, On Bar Full Requisition, or Manual Input, and submit their block-wise requisitions within their GNA limits.

Further, system-generated email notifications shall be issued prior to the closure of the requisition submission window (08:30 hrs on D-1).

The above change shall be implemented on 21.04.2026 (D-1) for scheduling w.e.f. 00:00 hrs of 22.04.2026 onwards. Accordingly, from the said date, the default option for requisition submission in WBES shall be "Full Surrender." All ER beneficiaries are requested to align their scheduling practices with this new default option of WBES.

Further, an online handholding session has been arranged for ER Beneficiaries on 17.04.2026 at 3:00 PM to demonstrate the different options available for requisition punching in WBES for smooth transition from "Full Requisition" to "Full Surrender" as the default option for day-ahead requisition of beneficiaries.

धन्यवाद / Thanking you,

भवदीय / Yours faithfully,

महावीर प्रसाद सिंह 16/04/2026

महाप्रबंधक (मार्केट ऑपरेशन)

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2. ED, NLDC
3. ED, ERLDC

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3. Principle Chief Electrical Engineer /TRD, East Central Railway, Hajipur-844101

C. Bhutan, Bangladesh, Nepal through SNA

1. GM, NTPC Vidyut Vyapar Nigam Ltd., Core-5, 2nd Floor, Scope Complex, Lodhi Road, New Delhi-110003

D. ISGS

1. Chief General Manager FSTPS, NTPC LTD., P.O. NA BA RUN, DIST. MURSHIDABAD, WEST BENGA L- 742236
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4. Head of Plant, NTPC LTD., BARH STPP, BARH PATNA BIHA R- 803213
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7. CEO, BRBCL, NTPP, Post- Nabingar, Dist.- A urngabad, Bihar, 824303
8. CEO, KUBNL, MTPS-II, Kanti Bijlee Utpadan Nigam Limited,MTPS,P.O. - K anti Thermal ,Di st.- Muzaf f arpur, B i har- 843130
9. GENERA L MANAGER (OS) NTPC LTD, ER-1 RHQ. 2N° FLOOR, LOKNAYAK JAY PRAKASH BHAWAN, OAK BANGLOW CHAUK, PATNA, BIHAR 800001
10. CEO, Patratu Vidyut Utpadan Nigam Limited, Dist.: Ramgarh, Jharkhand - 829119

Annexure B.2.21.4

Gmail

Preetam Banerjee <preeban72@gmail.com>

Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

ERLDC Final Scheduling <finalschder@grid-india.in> Mon, Apr 20, 2026 at 4:33 PM
To: "sldc.dept@bsptcl.bihar.gov.in" <sldc.dept@bsptcl.bihar.gov.in>, "cetjusnl@gmail.com" <cetjusnl@gmail.com>, "sldcranchi@gmail.com" <sldcranchi@gmail.com>, "sldcgridco@yahoo.com" <sldcgridco@yahoo.com>, "sldc_orissa@sldcorissa.org.in" <sldc_orissa@sldcorissa.org.in>, "sikkim.sldc2024@gmail.com" <sikkim.sldc2024@gmail.com>, "wbsldc@gmail.com" <wbsldc@gmail.com>, "dvcsldc@gmail.com" <dvcsldc@gmail.com>, "preetosh.ghosh@dvc.gov.in" <preetosh.ghosh@dvc.gov.in>, "cr.nvvn@ntpc.co.in" <cr.nvvn@ntpc.co.in>, "pmc1.bsphcl@gmail.com" <pmc1.bsphcl@gmail.com>, "cecom.sbpdcl22@gmail.com" <cecom.sbpdcl22@gmail.com>, "cld_sldc@sldcorissa.org.in" <cld_sldc@sldcorissa.org.in>, "ce.wbsldc@gmail.com" <ce.wbsldc@gmail.com>, "wbsldc.enac@gmail.com" <wbsldc.enac@gmail.com>, "powerpurchasebsphcl@gmail.com" <powerpurchasebsphcl@gmail.com>, "sajalkbag74@gmail.com" <sajalkbag74@gmail.com>, "rtamcer2oprn@powergrid.in" <rtamcer2oprn@powergrid.in>, "malaykk@powergrid.in" <malaykk@powergrid.in>, "rtamcer1@powergrid.in" <rtamcer1@powergrid.in>, "sudeepkumar@powergrid.in" <sudeepkumar@powergrid.in>, "achyutanandaparhi@powergrid.in" <achyutanandaparhi@powergrid.in>, "so.dept@bsptcl.bihar.gov.in" <so.dept@bsptcl.bihar.gov.in>, "eemsergrc@gmail.com" <eemsergrc@gmail.com>, "anindya.sarkar@rpsg.in" <anindya.sarkar@rpsg.in>, "ele.sksethi@sldcorissa.org.in" <ele.sksethi@sldcorissa.org.in>, "preeban72@gmail.com" <preeban72@gmail.com>, "remcl@rites.com" <remcl@rites.com>, "mahimalohani6@gmail.com" <mahimalohani6@gmail.com>, "imtheshiv@gmail.com" <imtheshiv@gmail.com>, "mohanmayur1993@gmail.com" <mohanmayur1993@gmail.com>, "tuneshwarkumar@gmail.com" <tuneshwarkumar@gmail.com>, "remcl.vikash@rites.com" <remcl.vikash@rites.com>, "arnabroy.nov@gmail.com" <arnabroy.nov@gmail.com>, "scebrbcl@gmail.com" <scebrbcl@gmail.com>, "scedstps@ntpc.co.in" <scedstps@ntpc.co.in>, "switchyardfarakka@gmail.com" <switchyardfarakka@gmail.com>, scentpckh <scentpckh@gmail.com>, "opn.kbunl@gmail.com" <opn.kbunl@gmail.com>, "scenk@ntpc.co.in" <scenk@ntpc.co.in>, "eemgnpgc@gmail.com" <eemgnpgc@gmail.com>, "scetalcherkaniha@ntpc.co.in" <scetalcherkaniha@ntpc.co.in>, "rccpatna@ntpc.co.in" <rccpatna@ntpc.co.in>, "eemgfarakka@gmail.com" <eemgfarakka@gmail.com>, "npgcccr@ntpc.co.in" <npgcccr@ntpc.co.in>, "eemgtstps@ntpc.co.in" <eemgtstps@ntpc.co.in>, "ntpcbarhswyd@gmail.com" <ntpcbarhswyd@gmail.com>, "YOGESHSINGLA@NTPC.CO.IN" <YOGESHSINGLA@ntpc.co.in>, "arshadjilani@ntpc.co.in" <arshadjilani@ntpc.co.in>, Prasanna Kumar Sahoo <PRASANNASAHOO@ntpc.co.in>, SANTANU KUMAR BAHALI <SANTANUBAHALI@ntpc.co.in>, TAPAS BACHAR <TAPASBACHAR@ntpc.co.in>, Sanjeev Kumar Singh <SKSINGH15@ntpc.co.in>, AS PANDEY <ASPANDEY@ntpc.co.in>, Hare Ram Singh <HRSINGH01@ntpc.co.in>, A K Shukla <AKSHUKLA04@ntpc.co.in>, Anup Kumar <ANUPKUMAR@ntpc.co.in>, Piyus Kumar <PIYUSHKUMAR@ntpc.co.in>, Rahul Anand <RAHULANAND@ntpc.co.in>, Anjana Ranjan Dash <ARDASH@ntpc.co.in>, Ramnath Pujari <RAMNATHPUJARI@ntpc.co.in>, Girish Chandra Mohapatra <GCMOHAPATRA@ntpc.co.in>, Subodh Kumar Pradhan <SKPRADHAN02@ntpc.co.in>, M Jain <MANISHJAIN02@ntpc.co.in>, SUDIP NAG <SUDIPNAG@ntpc.co.in>, SANJU KUMAR YADAV <SANJUKYADAV@ntpc.co.in>, DEEPAK KUMAR SINGH <DEEPAKSINGH@ntpc.co.in>, Suresh Babu Kummara <KSURESHBABU@ntpc.co.in>, Rajat Roy <RAJATROY@ntpc.co.in>, V K GARG <VINAYGARG@ntpc.co.in>, "AVINASHSHUKLA@NTPC.CO.IN" <AVINASHSHUKLA@ntpc.co.in>, "ANURAGGUPTA@NTPC.CO.IN" <ANURAGGUPTA@ntpc.co.in>, "BJCSASTRY@NTPC.CO.IN" <BJCSASTRY@ntpc.co.in>, "MEKOVOOR@NTPC.CO.IN" <MEKOVOOR@ntpc.co.in>, "anjukyadav@ntpc.co.in" <anjukyadav@ntpc.co.in>, "gsrao02@ntpc.co.in" <gsrao02@ntpc.co.in>, "nkeemg@ntpc.co.in" <nkeemg@ntpc.co.in>, "eemgkahalgaon@gmail.com" <eemgkahalgaon@gmail.com>, "cmallick@gmail.com" <cmallick@gmail.com>, "eemgbarh@ntpc.co.in" <eemgbarh@ntpc.co.in>, "ABHISHEKMURARI@NTPC.CO.IN" <ABHISHEKMURARI@ntpc.co.in>, "NURAGGUPTA@NTPC.CO.IN" <NURAGGUPTA@ntpc.co.in>, "JAIPRAKASHVERMA@NTPC.CO.IN" <JAIPRAKASHVERMA@ntpc.co.in>, "DRDEHURI@NTPC.CO.IN" <DRDEHURI@ntpc.co.in>, "RACHANAMEENA@NTPC.CO.IN" <RACHANAMEENA@ntpc.co.in>, "eemg_kbunl@ntpc.co.in" <eemg_kbunl@ntpc.co.in>, DINESH KUMAR <DKUMAR03@ntpc.co.in>, ALKA KUMARI <ALKAKUMARI@ntpc.co.in>, Monika Sinha <MONIKASINHA@ntpc.co.in>, SUMEET NARANG <SUMEETNARANG@ntpc.co.in>, ANAND GAURAV <ANANDGAURAV@ntpc.co.in>, VIJAY SINGH <VIJAYMEENA@ntpc.co.in>, SMRITI GHOSH <SMRITIGHOSH@ntpc.co.in>, "GSAGESH@NTPC.CO.IN" <GSAGESH@ntpc.co.in>, Jitendra Tripathi <JITENDRATRIPATHI@ntpc.co.in>, "ecropenaccessscheduling@gmail.com" <ecropenaccessscheduling@gmail.com>, "cedeecropenaccess@gmail.com" <cedeecropenaccess@gmail.com>, "it.psamal@optcl.co.in" <it.psamal@optcl.co.in>, "sldcranchimo@gmail.com" <sldcranchimo@gmail.com>, "sce_patratu@ntpc.co.in" <sce_patratu@ntpc.co.in>
Cc: "mserpc-power@nic.in" <mserpc-power@nic.in>, "secomml.erpc@gov.in" <secomml.erpc@gov.in>, "dsmerpc@gmail.com" <dsmerpc@gmail.com>, "Manoj Kumar Agrawal (मनोज कुमार अग्रवाल)" <mkagarwal@grid-india.in>, "Surajit Banerjee (सुरजीत बनर्जी)" <surajit.banerjee@grid-india.in>, "S C De (समर चन्द्र दे)" <scde@grid-india.in>, "D Biswas (डी बिस्वास)" <dbiswas@grid-india.in>, "Mahavir Prasad Singh (महावीर प्रसाद सिंह)" <mahavir@grid-india.in>, "Kavita Parihar (कविता परिहार)" <kavita@grid-india.in>, "Bilash Achari (बिलाश आचारि)" <bilash.achari@grid-india.in>, "Manas Das (मानस दास)" <manasdas@grid-india.in>, "Anupam Kumar (अनुपम कुमार)" <anupamkumar@grid-india.in>, "Gaurav Verma (गौरव

वर्मा)" <gauravverma@grid-india.in>, "Ankit Jain (अंकित जैन)" <ankitjain@grid-india.in>, "Sourav Mandal (सौरव मंडल)" <souravmandal@grid-india.in>, Amish Kumar Sinha <amish@grid-india.in>, Akash Kalyan <akalyan@grid-india.in>, ERLDC Control Room <erldccr@grid-india.in>, ERLDC Open Access <erldcoa@grid-india.in>

Sir/Madam,

Please see the trailing mail from NLDC for your kind information and necessary action.

The implementation of “Full Surrender” as Default Option in requisition submission has been postponed. The tentative revised implementation date is 6th May 2026 for scheduling effective from 7th May 2026 onwards.

सादर धन्यवाद / Thanks & Regards,
फाइनल शेड्यूलिंग टीम / Final Scheduling Team
पू.क्षे.भा.प्रे.कें / Eastern Regional Load Despatch Centre
ग्रिड कंट्रोलरऑफ इंडिया लिमिटेड
Grid Controller of India Limited
formerly Power System Operation Corporation Ltd. (POSOCO)

From: Anupam Kumar (अनुपम कुमार)
Sent: 20 April 2026 15:52
To: Chintan Meena; Suruchi Jain (सुरूचि जैन); Amit Gupta (अमित गुप्ता); Prashant K Kanakam (प्रशांत के कन्नाकम); Ramlakhan Meena (रामलखन मीना); Chillimuntha Jagadeesh (चिल्लीमुंथा जगदीश); Pasipu Kartik; Anusha Baruah (अनुशा बरुआ); Sourav Mandal (सौरव मंडल); Samim Mondal (समीम मंडल); Bornali Nath (बोर्नाली नाथ); sch nerldc; SRLDC WBES; WRLDC FINAL SCHEDULING; ERLDC Final Scheduling; NRLDC Scheduling; NLDC Control Room (एन.एल.डी.सी. कंट्रोल रूम); B B Bhoi (बी बी भोई)
Cc: CMD - Grid-India(सीएमडी - ग्रिड-इंडिया); S. C. Saxena (एस. सी. सक्सेना); R K Porwal (आर के पोरवाल); S Usha (एस उषा); Manoj Kumar Agrawal (मनोज कुमार अग्रवाल); RLDCHeads; Venkateshan M (वेंकटेश एम); Amish Kumar Sinha; Akash Kalyan; Sunil Kr. Aharwal (सुनील कुमार अहरवाल); T R Mohapatra (टी आर मोहापात्रा); V Govindraj (वी गोविंदराज); S C De (समर चन्द्र दे); Biswajit Sahu (बिस्वाजित साहू); M Viswnadh (एम विस्वनाथ); ED NLDC; NLDC MO1
Subject: RE: Gentle reminder: Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

Madam/Sir,

We are currently in the process of adding additional features in WBES to make the power requisition functionality more user-friendly. To complete these enhancements, additional time is required. Accordingly, the implementation date is being postponed. The tentative revised implementation date is **06th May 2026 (D-1)** for scheduling effective from **07th May 2026 onwards.**

Your kind cooperation in this regard is solicited.

सादर और धन्यवाद

अनुपम कुमार

उप महाप्रबंधक (एमओ)

राष्ट्रीय भार प्रेषण केन्द्र

8527990878

From: Anupam Kumar (अनुपम कुमार)
Sent: 16 April 2026 16:42
To: Chintan Meena <chintanmeena@grid-india.in>; Suruchi Jain (सुरूचि जैन) <suruchi.jain@grid-india.in>; Amit Gupta (अमित गुप्ता) <amitgupta@grid-india.in>; Prashant K Kanakam (प्रशांत के कन्नाकम) <prashanth@grid-india.in>; Ramlakhan Meena (रामलखन मीना) <ramlakhan@grid-india.in>; Chillimuntha Jagadeesh (चिल्लीमुंथा जगदीश) <cjagadeesh@grid-india.in>; Pasipu Kartik <pasipukartik@grid-india.in>; Anusha Baruah (अनुशा बरुआ) <anusha@grid-india.in>; Sourav Mandal (सौरव मंडल) <souravmandal@grid-india.in>; Samim Mondal (समीम मंडल) <smondal@grid-india.in>; Bornali Nath (बोर्नाली नाथ) <bornali.nath@grid-india.in>; sch nerldc <sch.nerldc@grid-india.in>; SRLDC WBES <srldcwbes@grid-india.in>; WRLDC FINAL SCHEDULING <wrldcfinalscheduling@grid-india.in>; ERLDC Final Scheduling <finalschder@grid-india.in>; NRLDC Scheduling <nrldcscheduling@grid-india.in>; NLDC Control Room (एन.एल.डी.सी. कंट्रोल रूम) <nldccr@grid-india.in>; B B Bhoi (बी बी भोई) <bibhu@grid-india.in>
Cc: CMD - Grid-India(सीएमडी - ग्रिड-इंडिया) <cmd@grid-india.in>; S. C. Saxena (एस. सी. सक्सेना) <scsaxena@grid-india.in>; R K Porwal (आर के पोरवाल) <rk.porwal@grid-india.in>; S Usha (एस उषा) <susha@grid-india.in>; Manoj Kumar Agrawal (मनोज कुमार अग्रवाल) <mkagarwal@grid-india.in>; RLDCHeads <RLDCHeads@grid-india.in>; Venkateshan M (वेंकटेश एम) <venkateshanm@grid-india.in>; Amish Kumar Sinha <amish@grid-india.in>; Akash Kalyan <akalyan@grid-india.in>; Sunil Kr. Aharwal (सुनील कुमार अहरवाल) <skaharwal@grid-india.in>; T R Mohapatra (टी आर मोहापात्रा) <trmohapatra@grid-india.in>; V Govindraj (वी गोविंदराज) <govindraj@grid-india.in>; S C De (समर चन्द्र दे) <scde@grid-india.in>; Biswajit Sahu (बिस्वाजित साहू) <biswajit@grid-india.in>; M Viswnadh (एम विस्वनाध) <mviswanadh@grid-india.in>; ED NLDC <ednldc@grid-india.in>; NLDC MO1 <nldcmo1@grid-india.in>
Subject: Gentle reminder: Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 21.04.2026 in WBES for Day ahead scheduling for date 22.04.2026 onwards

Madam/Sir,
Gentle reminder. Kindly inform again all the Beneficiaries about the implementation details given in the trailing email.

सादर और धन्यवाद

अनुपम कुमार

उप महाप्रबंधक (एमओ)

राष्ट्रीय भार प्रेषण केन्द्र

8527990878

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[Quoted text hidden]

[Quoted text hidden]

Annexure B.2.21.5

Gmail

Preetam Banerjee <preeban72@gmail.com>

Further Submission Regarding Deferment of Implementation of “Full Surrender” as Default Option in WBES

3 messages

Preetam Banerjee <preeban72@gmail.com> Wed, May 6, 2026 at 11:17 AM
To: "mserpc-power@nic in" <mserpc-power@nic.in>
Cc: "Dir (R & T) JIO" <ajaykumarpandey@gmail.com>, CE Power Trading and Procurement <ceptp@wbsedcl.in>, CE SLDC <ce.wbsldc@gmail.com>, ED ERLDC <ederldc@grid-india.in>

Sir,

This is with reference to our earlier email dated 18.04.2026 regarding WBSEDCL’s strong objection to the proposed implementation of “Full Surrender” as the default option in WBES in place of the existing “Total Full Requisition” option for day-ahead requisition submission.

It is understood from the recent communication of ERLDC that the implementation of the said change has now been deferred up to 07.05.2026. However, it is submitted that such deferment has again been communicated without any exchange of views with the beneficiaries and without any detailed deliberation in the appropriate regional forum.

It is also pertinent to mention that during the demonstration session organised by ERLDC on 28.04.2026 regarding implementation of the said change, WBSEDCL, along with Bihar, Odisha and Jharkhand, vehemently opposed the proposed change of default option from “Total Full Requisition” to “Full Surrender”. The major concern raised was that such change has serious operational, commercial and contractual implications for the beneficiaries and therefore should not be implemented unilaterally.

During the said session, ERLDC referred to the mandate of Clause 49(1)(f)(i) and 49(1)(f)(ii) of the Indian Electricity Grid Code, 2023. However, after meticulous examination of the said provisions, it is observed that the clauses only provide for submission of time-block-wise requisition for drawal by SLDCs / drawee GNA grantees in accordance with contracts. No specific mandate appears to be available in the said clauses for changing the default value in WBES to “Full Surrender” in case no requisition is submitted.

WBSEDCL, therefore, reiterates its strong objection to the proposed change. Nevertheless, WBSEDCL is complying with the instruction of NLDC / ERLDC regarding the said change under protest, without prejudice to its rights and contentions.

In view of the above, it is earnestly requested that the matter may kindly be looked into and taken up with the appropriate authority, so that the proposed change is not implemented without detailed deliberation with all beneficiaries/stakeholders and without placing the matter before the appropriate ERPC/OCC forum.

This is submitted for your kind intervention and necessary action.

Thanks & regards,

Copy enclo: 1) Communication from NLDC
2) copy of earlier mail
3) copy of mail received from ERLDC for deferment

--
PREETAM BANERJEE
ADDITIONAL CHIEF ENGINEER, WBSEDCL
MOB NO:(+91)7003871189 , 9432140765

Preetam Banerjee <preeban72@gmail.com> Wed, May 6, 2026 at 2:59 PM
To: "mserpc-power@nic in" <mserpc-power@nic.in>
Cc: "Dir (R & T) JIO" <ajaykumarpandey@gmail.com>, CE Power Trading and Procurement <ceptp@wbsedcl.in>, CE SLDC <ce.wbsldc@gmail.com>, ED ERLDC <ederldc@grid-india.in>

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3 attachments

Letter Regarding Change in Default Requisition Option in WBES.pdf
1026K

Gmail - Request for Deferment of Implementation of 'Full Surrender' as Default Option in WBES.pdf
132K

Gmail - Implementation of “Full Surrender” as Default Option in Requisition Submission w.e.f. 06.05.2026 in WBES for Day ahead scheduling for date 07.05.26 onwards.pdf
458K

Prasun Kumar De <secomml.erpc@gov.in> Wed, May 6, 2026 at 3:40 PM
To: finalschder <finalschder@grid-india.in>, scde <scde@grid-india.in>, dbiswas <dbiswas@grid-india.in>, souravmandal <souravmandal@grid-india.in>
Cc: "K. B. Jagtap" <mserpc-power@nic.in>, ajaykumarpandey <ajaykumarpandey@gmail.com>, preeban72 <preeban72@gmail.com>

Sir,
I have been directed by the Member Secretary to forward the trailing mail as received from Addl. Chief Engineer, WBSEDCL for your kind consideration and needful.

Regards,

P. K. De
SE, ERPC
M- 9831620142

========== Forwarded message ==========
From: Preetam Banerjee <preeban72@gmail.com>
To: "mserpc-power@nic in"<mserpc-power@nic.in>
Cc: "Dir (R & T) JIO"<ajaykumarpandey@gmail.com>, "CE Power Trading and Procurement"<ceptp@wbsedcl.in>, "CE SLDC"<ce.wbsldc@gmail.com>, "ED ERLDC"<ederldc@grid-india.in>
Date: Wed, 06 May 2026 11:17:00 +0530
Subject: Further Submission Regarding Deferment of Implementation of “Full Surrender” as Default Option in WBES
========== Forwarded message ==========
[Quoted text hidden]

Annexure D.4.3

AUDITOR'S REPORT

To the members of ERPC Establishment Fund and ERPC Fund

We have examined the accounts of ERPC Establishment Fund and ERPC Fund for the Financial Year 2024-25. The accounts are the responsibility of the management. We have expressed our views on these accounts based on our Audit.

During the course of our audit, our observations are as follows:

1. The membership amount receivable from member constituents and the non-member participants to be followed up on a regular basis. The details of outstanding dues as on date are as follows-

   a. M\s G.I. Hydro Pvt. Ltd. - 105.50 lakhs
   b. Powerlink Transmission Ltd. - 57.50 Lakhs
   c. Vedanta Ltd. – 25.00Lakhs

2. Balance Sheet and Income & Expenditure account to be presented with previous years data.

3. It is suggested that a policy for availing service of outsourced manpower through outside agency for ERPC Secretariat which should inter-alia incorporate sanctioned strengths, definition of work, other terms and conditions. The policy may also identify the appointing authority.

4. Considering the huge corpus fund involved, a person having accounts background may be appointed on regular basis or on deputation from Government Organization. Training related to the recent updates in GFR, other standing rules and norms of the Govt. etc. may be provided.

5. The record of land and building belonging to the ERPC Office & ERPC Residential Complex cum Guest House may be maintained properly. The record may be shown to the next audit team.

6. Closing of Cash Book for a particular financial year may be done as per the format of GFR.

7. Steps may be taken to surrender the Non-active PAN at the earliest. The report may be shown to the next audit team.

8. Some of the nomenclatures mentioned in the final account are not in conformity with the accounting terms. The same may be changed with a suitable nomenclature according to the purpose of the expenditure or income.

Place: Kolkata.

Date: 10.04.2026

(Sh. Abhijit Chakraborty) Addl. GM (F&A) WBSEDCL	(Sh. I.K. Mehra) SE / Director ERPC Secretariat	(Sh. Chewang Nurboo Sherpa) Principal Director (F&A) Government of Sikkim (Camp at -Tollygunge, Kolkata)

Annexure D.4.4

ରାଜ୍ୟ ବିଦ୍ୟୁତ୍ ଭାର ପ୍ରେରଣ କେନ୍ଦ୍ର

STATE LOAD DESPATCH CENTRE

OFFICE OF THE CHIEF LOAD DESPATCHER

ODISHA POWER TRANSMISSION CORPORATION LIMITED

GRIDCO Colony, P.O. - Mancheswar Rly. Colony, Bhubaneswar-751017

CIN – U40102OR2004SGC007553

e - mail id: cld_sldc@sldcorissa.org.in

Letter No. SGM (PS) / 6 – 239 / 59(2) Date: 12 / 01 / 2026

From:

Sri B.B.Mehta,
Director cum CLD, SLDC,
OPTCL, Bhubaneswar-17

To

The Member Secretary,
ERPC, Kolkata - 33.

Sub: Membership of SLDC, Odisha in TCC & ERPC Forum.

Sir,

SLDC, Odisha has not been a member in TCC & ERPC Forum yet whereas some other SLDCs are already member in this Forum. Discussions related to technical matter having significant importance is being held in this Forum.

Therefore, it is requested to grant membership to SLDC, Odisha in respect of above. Even though SLDC is a statutory body still it shall pay requisite fee if admissible.

Thank you very much.

Yours faithfully;

Director cum CLD

Copy forwarded to the:

1. Sr. P.S to CMD, OPTCL for kind information of CMD.

COPMG/ 04 /2026
Date: 20-04-2026

To
Member Secretary
Eastern Regional Power Committee
14th Golf Club Road, Tollygunge, Kolkata
P.O. Kolkata – 700033

Sub: Request for Membership of ERPC for FY 2026-27.

Dear Sir,

With reference to discussion at office of Mr. Anup das on 23rd March'26, we would like to inform you that Tata Steel Limited is Distribution Licensee at Jamshedpur, under license granted by Honourable JSERC and is willing to be a member of ERPC. Tata Steel as Distribution Licensee also has 200 MW GNA. This will enable the Discom to address its issue with other stakeholders for amicable solution.

In view of above, we request to share with us the necessary formalities including payment details.

Thanking You,

Yours Sincerely,

(Ajay Kumar)
Chief, Power Management Group
TATA Steel Limited,
Jamshedpur, Jharkhand

Hiranmaye Energy Limited

(A Company under Corporate Insolvency Resolution Process vide NCLT Order dated January 02, 2024)

Ref: HMEL/ERPC/2026-27/01 **Date: 16th May, 2026**

To,
The Member Secretary
Eastern Regional Power Committee (ERPC)
14th Golf Club Road,
Tollygunge, Kolkata-700033

Subject: Request for enlistment as a member of ERPC- reg.

Respected Sir,

We are writing to formally request the enlistment of Hiranmaye Energy Limited **("HMEL")** as a Member of the Eastern Regional Power Committee **("ERPC").**

As a power generation utility operating within the Eastern Region grid, HMEL aims to actively engage in regional grid discipline, commercial settlements, and technical committees coordinated by the ERPC. This membership will enable us to better align our operations with regional grid standards and contribute effectively to the stability of the Eastern Regional Grid.

To facilitate your evaluation, the technical, regulatory and commercial specifications of our asset are detailed below:

Technical Specifications:

- ✓ **Plant Name:** Hiranmaye Energy Thermal Power Station
- ✓ **Location:** Haldia, East Medinipur, West Bengal
- ✓ **Total Installed Capacity:** 300 MW
- ✓ **Unit Configuration:** 2 x 150 MW (Unit 1 & Unit 2 commissioned)
- ✓ **Future Expansion:** Provision for 1 x 150 MW (Unit 3)
- ✓ **Fuel Type:** Sub-bituminous Coal
- ✓ **Technology:** Circulating Fluidized Bed Combustion (CFBC)
- ✓ **Turbine Type:** Tandem Compound, Single Reheat, Condensing Steam Turbine
- ✓ **Evacuation Voltage:** 220 kV level
- ✓ **Connectivity:** Connected to the WBSETCL (State) grid via 220 kV transmission lines.

Regulatory & Commercial Specifications:

- ✓ **Company Status:** Independent Power Producer (IPP)
- ✓ **Power Purchase Agreements (PPA):** Fully tied long-term PPA executed with WBSEDCL
- ✓ **Tariff framework:** Determined under Section 62 of the Electricity Act, 2003 by WBERC
- ✓ **Fuel Supply Agreement:** Mahanadi Coalfield Limited (MCL)
- ✓ **Scheduling Status:** Intra-state entity scheduled by WBSLDC
- ✓ **Metering Setup:** Special Energy Meters (SEMs) installed at evacuation points, compliant with CEA Metering Regulations.

We humbly request you to kindly place our application before the upcoming ERPC meeting for formal consideration and approval. We stand ready to comply with all necessary procedural guidelines and remit the applicable fees associated with this membership.

Thank you for your time, consideration and support.

Yours Faithfully,

For Hiranmaye Energy Limited

(Authorized Signatory)
Name: Saugato Majumdar
Designation: DGM (Regulatory Affairs & Commercial)
Contact Number: +918584069139
Email Id: saugato.majumdar@hiranmayeenergy.in

Report of the Committee to assess the requirement of civil modifications of ERPC Office and Residential Complex, renovation of 4th floor of office & utilisation of space in office.

Background:

As per office order dated 6th April 2026, a committee was constituted to conduct a comprehensive assessment of the office premises and residential complex. The committee was further advised to evaluate space utilization in the office premises, identify necessary civil modifications, oversee the renovation requirement of the 4th floor of the office building.
The committee comprise the following members:

a) Shri P. K. De, Superintending Engineer- Chairman
b) Shri P. P. Jena, Executive Engineer- Member
c) Shri B. S. Ray, Executive Engineer- Member
d) Smt. Sujata Bhattacharya, DGM, Powergrid- Member
e) Shri Kumar Satyam, Assistant Executive Engineer- Convener

The Committee broadly categorized the work as follows:
A. Comprehensive Assessment of ERPC Office Building and Residential Complex
B. Space Utilization and Renovation of the 4th Floor of the Office Building

The committee members met on 17th April 2026, gathered information from other officers and various documents related to the office building and made a general inspection of office building.

Comprehensive Assessment of the ERPC Office Building

The ERPC Office building (G+5) was established during mid-eighties as assessed from the foundation plaque placed in the entrance of the building. So, the office building is more than 40 years old. As per the records available in the office, the 1st major renovation works for the building were carried out through CPWD during the period between 2016-2020. In the year 2021-2022, some defects were noticed such as cracks in the beams, walls of the building, falling of concrete slabs from the roof ceilings etc. Subsequently this office approached Jadavpur University for complete health assessment of the Office Building. Inspection & study was done under the guidance & supervision of Dr. Partha Ghosh, Professor, Construction Engineering Department, Jadavpur University. They submitted its report along with recommendation to address the defects and improve the structural health of the building.
During scrutiny of the study report, it has been found out that a detailed study on structural assessment of ERPC office building was done and following major points were highlighted in the report.

- Over all condition of the structure is not in good condition.
- At many places the concrete has been deteriorated due to corrosion of reinforcement.
- The concrete structures are not fully dense at many places.
- Due to severe corrosion of reinforcement steel and concrete has lost their bond stress.
- Outside columns in the RCC frame structure are standing on most alarming conditions.

They suggested for proper repair and retrofitting to enhance the service life of the building. They had provided their detail observation as well as repairing method. They suggested that.

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at ground floor all the distressed columns need to be strengthening from the foundation to roof level and all others distressed slab, beams and columns are need to be repaired/re-strengthening only the affected area of each floor as per the methodology suggested in their report.
Following remedial measures, they suggested in their report based on the structural condition:

Sl. No.	Structural Condition	Type of structure	Remedial Measures
1	Severe	Columns	All ground floor outside distressed columns need to be major repair through cementitious grouting with jacketing or carbon wrapping as urgent as possible.
2		Beam	All distressed beam needs to be major repair through cementitious grouting with jacketing or carbon wrapping as urgent as possible.
3		Wall	All distressed wall portions need to be major repair through stretching with FOSROC Nito Plate and re-plastering using damp proof compound to solve the cracks and water seepage problem as urgent as possible.
4		Roof Slab	Need to be major repair through Cementitious Grouting using protective solution, micro-concreting with provided extra steel and built up a proper drainage system at water logged area as urgent as possible.
5	Moderate	Columns	All distressed columns need to be medium repair through cementitious grouting, surface re-plastering.
6		Beam	All distressed columns need to be medium repair through cementitious grouting, re-plastering.
7		Wall	All distressed wall portions need to be medium repair through re-plastering using damp proof compound to solve the surface cracks and water seepage problem.
8		Roof Slab	Need to be medium repair through Cementitious Grouting using protective solution, surface plastering and built up a proper drainage system at water logged area.
9		Staircase	Need to be medium repair through cementitious grouting, surface plastering.
10	Mild	Columns	Need to be mild surface repair and periodical maintenance.
11		Beam	Need to be mild surface repair and periodical maintenance.
12		Wall	Need to be mild surface repair and periodical maintenance.
13		Roof Slab	Need to be mild surface repair and periodical maintenance.
14		Staircase	Need to be mild surface repair and periodical maintenance.

It is learnt by the present committee that the remedial measures suggested in the report have not been implemented till date. The office carried out only minor repair works using inhouse resources to address the visible defects on the building through patch works viz removing the loose concretes, cheeping the cracks, removing the damaged plasters and plastered those places during the period 2024-2026.

During the inspection of office buildings on 17.04.2026, the committee members noticed many visible cracks in the outer walls, damps and seepage were noticed at many locations in the office building. Particularly the shaft areas of the backside are under very bad shape. Long

cracks are visible in some of the columns. Sewerage pipes passing through the shaft area are also not in good conditions.

Ceiling of the concrete of water tank on the roof of the building is badly damaged, concrete chunk fallen and rusted iron rods exposed which needs immediate repairing.
Some photographs for all these locations are attached at Annexure.

As some patchwork has been carried out using inhouse resources, exposed rods etc. as mentioned in the JU's study report were not visible, so actual damage could not be assessed by this committee.

Considering all these points committee feels that recommendations mentioned in the report of structural assessment of ERPC office building by Jadavpur University done in 2022 needs to be implemented in totality, in the places where cracks are visible now adopting methodology suggested in the report through a professional agency in concerned area as soon as possible.

After completion of the remodelling and strengthening work, external painting of the whole building is also required for better life of the building.

Space Utilization at ERPC Office

Committee found that 4th floor of office building is empty at present. As learnt, the 4th floor was not renovated by the CPWD as in their scope was only upto 3rd floor and the space was occupied by ERLDC/Powergrid at that time. Currently, the entire floor is vacant and remains unutilized. Some masonry works were carried out subsequently, windows were replaced matching with the other floors of ERPC office. Around 50% space is totally vacant, no partition or any cubicles are there. But the remaining portion has some cubicles along with wall mounted file cabinets etc. For proper and effective use of the space, the old cubicles and wall mounted file cabinets etc may be removed and vacate the space entirely before taking up for proper and effective utilisation of the space.

The chamber of the Member Secretary, ERPC at first floor is not large enough for a joint secretary level officers to whom many senior level officers from outside visit frequently. So, it is felt that construction an office area for the Member Secretary comprising a new chamber for Member Secretary with attached toilet, visitors' room, a mini meeting room (say for accommodating 20 participants), a small pantry etc. in the 4th floor. Further, additional cabins or lobby area may be developed for the other senior officer's vis Superintending Engineers. If any space remain after that one cabin for the Assistant Secretary may also be made in the 4th floor as he has to interact with the Member Secretary frequently. The chambers/cabins for the officers may be made in commensurate with the size as per the OM dated 16.03.2017 of Min. of Urban Development, Directorate of Estates, GOI (copy enclosed for ready reference).

North portion of the 2nd floor is presently unutilised to the full extent. It is learnt that this place was renovated as guest house area with 4 nos. guest rooms during the renovation work carried out by the CPWD.

There are 2 big rooms in the ground floor, one at right side of entrance, beside stair and the other one on the left side, beside the stair. Right side room is presently used for storing unused/unserviceable item which are under process of auctioning. After auction, the space will be vacant. As learnt, left side one is presently being used for temporarily storing SCADA

equipment by the vendor of the project which will be vacated shortly. Office may plan to use those places suitably as per the requirement of the office/store.

Another space is available beside right side ground floor store room (as presently being used). The space was used as canteen long back. The space may be renovated and used as canteen cum dining area.

Above the garage there are 2 small quarters which were earlier used as chowkidar quarters. As no chowkidar is there in the office at present, that place also may be used by the office for any specific purpose after suitably modifying the same as per requirement.

There is sufficient space with the wooden floor on both side of first floor conference hall. Committee feels that these spaces at first floor may be used for beautification or may be used as visitor's lobby.

Recommendations:

i. Committee suggests that recommendations mentioned in the report of structural assessment of ERPC office building by Jadavpur University done in 2022 needs to be implemented in totality adopting methodology suggested in the report through a professional agency where cracks are visible in the structure now and the concerned area is to be taken up at earliest.

ii. External painting of the whole building to be done only after completion of the structural and masonry repair work.

iii. For proper & effective utilisation of the 4th floor, a qualified architect/interior designer may be engaged for preparation of detailed design, layout planning and interior optimization.

iv. Ground floor space may be modified only after finalizing the purpose of use.

v. Some indoor sports facilities viz carom, table tennis etc. may be introduced for the officials for recreation /stress relief purpose using the space available in the ground floor. For fitness activities of the interested officials some suitable equipment etc. may also be arranged there.

Comprehensive Assessment of the ERPC Residential Complex

ERPC Residential Complex building (G+10) was established in the mid-nineties. So the residential complex is more than 30 years old. As per the records available in the office, the 1st major renovation works for the buildings were carried out through CPWD during the period 2016-2018.

The committee met on 06.05.2026 and inspected the residential building. The building is apparently in better condition than that of the office building. No major damages are noticed physically from the outside. However, cracks are there on the outer wall. While visiting the inside of the some of the guest house rooms, damps and seepage were noticed in toilet areas. Some cracks are noticed in the balcony area also.

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While visiting the roof, it is noticed that tar pitched sheets covering used in the roof is damaged in some places. This may attract water inlet during rainy season and subsequent damage of the roof.

Outside painting is also damaged and require external painting of the whole building.

Recommendations:

i. As the building age crossed 30 years and G+10 storied, structural health assessment of the building may be carried out in line with the assessment as made for the office building through any suitable agency.
ii. After that rectification of damps and seepage, cracks in masonry works are to be carried out through professional agency. Also, suitable measure for repairing of external cracks is to be carried out through professional agency.
iii. External painting of the whole building to be done only after completion of all necessary repairing and strengthening work.

Tall steel Tower:

It will be worth mentioning that there are some vacant places behind the office building and north side of the ERLDC control room where there is a tall (around 100 meters) steel tower which was built during eighties and earlier used for data & speech circuit for running the control room. Probably, the tower is not under use now. If the office wants to utilise the space for any specific purpose then the tower to be dismantled first. Apparently, no maintenance is there for the tower. Considering the age of the tower it is apprehended that due to high speed of wind or any other reasons if the tower collapses it may be fatal for man & machinery of the adjacent area. So, necessary arrangement may be made to dismantle the tower first and then plan to suitably use the place, if required.

(B S Ray)
EE, ERPC & Member

(P P Jena)
EE, ERPC & Member

(S Bhattacharya)
DGM, POWERGRID & Member

(Kumar Satyam)
AEE, ERPC & Member Convener

(P.K. De)
SE, ERPC & Chairman