सत्यमेव जयते
भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति
**Eastern Regional Power Committee**
14, गोल्फ क्लब रोड, टालीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033
Tel. No.:033-24239651,24239658 FAX No.:033-24239652, 24239653 Web: **www.erpc.gov.in**

**सं /NO. ERPC/EE/OPERATION/2026/**1885 **दिनांक/DATE:08.01.2026**

सेवा में /To
संलग्न सूची के अनुसार /As per list enclosed.

**विषय : 23.12.2025 (मंगलवार) को ईआरपीसी सचिवालय, कोलकाता में भौतिक रूप से आयोजित 234वीं ओसीसी बैठक के कार्यवृत्त – के संबंध में**

**Sub: Minutes of 234th OCC Meeting held on 23.12.2025 (Tuesday) physically at ERPC Secretariat, Kolkata – reg**

महोदय/महोदया,
Sir(s)/Madam,

कृपया अपनी जानकारी और आवश्यक कार्रवाई के लिए **23 दिसंबर 2025 ( मंगलवार)** को आयोजित **234वीं ओसीसी बैठक** के **कार्यवृत्त** संलग्न देखें। यह ईआरपीसी वेबसाइट (**www.erpc.gov.in**) पर भी उपलब्ध है।
Please find enclosed **Minutes of 234th OCC Meeting** held on **23.12.2025 (Tuesday) physically** at **ERPC Secretariat, Kolkata** at **10:30 hrs.** This is for your **kind information** and **necessary action**. The same is also available at ERPC website **(www.erpc.gov.in)**.

टिप्पणियाँ, यदि कोई हों, कृपया यथाशीघ्र इस कार्यालय को अग्रेषित करें।
Observations, if any, may please be forwarded to this office at the earliest.

इसे सदस्य सचिव के अनुमोदन से जारी किया जाता है।
This issues with the approval of Member Secretary.

भवदीय /Yours faithfully

8/1/2026

**(R.K.Meena)**
**SE(Operation)**
**एसई (ऑपरेशन)**

**LIST OF ADDRESSES:**

1. CHIEF ENGINEER (TRANS., O&M), BSPTCL, PATNA, (FAX NO. 0612-2504557/2504937)
2. CHIEF ENGINEER (System Operation), BSPTCL, PATNA, (FAX NO. 0612-2504557/2504937)
3. CHIEF ENGINEER, TRANSMISSION (O&M), JUSNL, RANCHI (FAX NO.-0651-2490486/2490863)
4. CHIEF ENGINEER, TVNL, DORANDA, RANCHI - 834102 (FAX NO. 06544-225414)
5. CHIEF LOAD DISPATCHER, SLDC, OPTCL, BHUBANESWAR (FAX NO.0674-2748509)
6. CHIEF GENERAL MANAGER (O&M), OPTCL, BHUBANESWAR
7. SR. GENERAL MANAGER (PP), GRIDCO, JANPATH, BHUBANESWAR (0674-2547180)
8. DIRECTOR (OPERATION), IB TPS, AT/PO BANHARPALI, JHARSUGUDA, (FAX NO. 06645-222225/222230)
9. GENERAL MANAGER, TTPS, TALCHER, (FAX NO. 06760-243212)
10. SR. GENERAL MANAGER (ELECTRICAL), OHPC LTD., BHUBANESWAR, (FAX NO.0674-2542102)
11. CHIEF ENGINEER, CLD, WBSETCL, HOWRAH, (FAX NO. 033-26886232)
12. CHIEF ENGINEER, CENTRAL PLANNING WING, WBSETCL, SALT LAKE (FAX NO.: 033-23591955)
13. CHIEF ENGINEER (PTR), WBSEDCL, SALT LAKE, KOLKATA ( FAX:033-23345862)
14. CHIEF GENERAL MANAGER (OS), WBPDCL, KOLKATA-98 (FAX NO. 033-23393286/2335-0516)
15. GM, KOLAGHAT TPS, WBPDCL, KOLAGHAT (FAX NO.03228231280)
16. DGM (OPERATION), DPL, DURGAPUR, (FAX NO. 0343-2555052)
17. GM (SYS OPERATION), CESC, CHOWRINGHEE SQUARE, KOLKATA (FAX NO.033-22253756/22129871)
18. CHIEF ENGINEER, SLDC, DVC, HOWRAH (FAX NO. 033-2688-5094)
19. ADDL.CHIEF ENGINEER, SLDC, POWER DEPT., GOVT. OF SIKKIM, GANGTOK, (FAX NO. 03592-228186/201148/202284)
20. EXECUTIVE DIRECTOR, ERLDC, POSOCO, KOLKATA, (FAX NO. 033-2423-5809)
21. GENERAL MANAGER, FSTPP, NTPC, FARAKKA, (FAX NO. 03512-224214/226085/226124)
22. GENERAL MANAGER , KhSTPP, NTPC, KAHALGAON (FAX NO.06429-226082)
23. GENERAL MANAGER, TSTPP, NTPC, TALCHER, (FAX NO. 06760-249053)
24. GENERAL MANAGER (OS), POWERGRID, ER-II, KOLKATA( Fax no: 033-23572827)
25. GENERAL MANAGER , POWERGRID, ER-I, PATNA, (FAX NO.0612-2531192)
26. GENERAL MANAGER (O&M), POWERGRID, ODISHA PROJECTS, SAHID NAGAR, BHUBANESWAR – 751 007
27. EXECUTIVE DIRECTOR (O&M), NHPC, FARIDABAD (FAX No.:0129-2272413)

28. GENERAL MANAGER, TEESTA –V POWER STATION, NHPC, SINGTAM, EAST SIKKIM (FAX 03592 - 247377)
29. CHIEF ENGINEER, RANGIT POWER STATION, NHPC, P.O. RANGIT NAGAR, SOUTH SIKKIM (FAX NO.03595-259268)
30. SENIOR VICE PRESIDENT, PTC LTD., NBCC TOWERS, 15-BHIKAJI KAMA PLACE, NEW DELHI- 110066 (FAX NO. 011-41659504)
31. PLANT HEAD, ADHUNIK POWER & NATUARAL RESOURCES, JHARKHAND( FAX NO.: 0657-6628440)
32. AGM (OPERATION), MAITHON POWER LTD, DHANBAD (FAX: 08860004758)
33. VICE PRESIDENT(POWER), VEDANTA LIMITED, BHUBANESWAR- 751023 ( FAX NO 0674-2302920)
34. CHIEF ELECTRICAL ENGINEER, EASTERN RAILWAY, KOLKATA-700 001 (FAX NO.: 033-22300446)
35. CHIEF ELECTRICAL ENGINEER, SOUTH EASTERN RAILWAY, KOLKATA-43 (FAX: 033-24391566)
36. GENERAL MANAGER (O&M), NHPC LTD, FARIDABAD, FAX: 0129-2272413
37. ASSOCIATE VICE PRESIDENT, GMR KEL, BHUBANESWAR-751007. (FAX NO: 0674-2572794)
38. GM (SO & COMML), NTPC VVNL, NEW DELHI-110033. Fax:011-24367021
39. SHRI D. P. BHAGAVA, CHIEF CONSULTANT (O&M), TEESTA URJA LIMITED, NEW DELHI-110 001 (FAX:011-46529744)
40. SHRI BRAJESH KUMAR PANDE, PLANT HEAD, JITPL. (FAX:011-26139256-65)
41. DIRECTOR (NPC), CEA, NRPC BUILDING, KATWARIA SARAI, NEW DELHI- 110016
42. VP (OS), HALDIA ENERGY LIMITED, BARIK BHAWAN, KOKATA-700072, FAX: 033-22360955
43. GENERAL MANAGER(O&M),BRBCL,NABINAGAR,BIHAR-824003,FAX-06332- 233026

**CC:**

| | | |
|---|---|---|
| Chief Engineer, OPM, CEA | Chief Engineer, NPC, CEA | ASSISTANT SECRETARY,ERPC |

## पतों की सूची:

1. मुख्य अभियंता (ट्रांस., ओ एंड एम), बीएसपीटीसीएल, पटना, (फैक्स नं. 0612- 2504557/2504937)।
2. मुख्य अभियंता (सिस्टम ऑपरेशन), बीएसपीटीसीएल, पटना, (फैक्स नं. 0612- 2504557/2504937)।
3. मुख्य अभियंता, ट्रांसमिशन (ओ एंड एम), जेयूएसएनएल, रांची (फैक्स नं.-0651- 2490486/2490863)।
4. मुख्य अभियंता, टीवीएनएल, डोरंडा, रांची - 834102 (फैक्स नंबर 06544-225414)
5. मुख्य लोड डिस्पैचर, एसएलडीसी, ओपीटीसीएल, भुवनेश्वर (फैक्स नंबर 0674-2748509)
6. मुख्य महाप्रबंधक (ओ एंड एम), ओपीटीसीएल, भुवनेश्वर
7. एसआर. महाप्रबंधक (पीपी), ग्रिडको, जनपथ, भुवनेश्वर (0674-2547180)
8. निदेशक (संचालन), आईबी टीपीएस, एटी/पीओ बनहरपाली, झारसुगुड़ा, (फैक्स नंबर 06645-222225/222230)
9. महाप्रबंधक, टीटीपीएस, तालचेर, (फैक्स नंबर 06760-243212)
10. एसआर. महाप्रबंधक (विद्युत), ओएचपीसी लिमिटेड, भुवनेश्वर, (फैक्स नंबर 0674-2542102)
11. मुख्य अभियंता, सीएलडी, डब्ल्यूबीएसईटीसीएल, हावड़ा, (फैक्स नंबर 033-26886232)।
12. मुख्य अभियंता, केंद्रीय योजना विंग, डब्ल्यूबीएसईटीसीएल, साल्ट लेक (फैक्स नंबर: 033-23591955);
13. मुख्य अभियंता (पीटीआर), डब्ल्यूबीएसईडीसीएल, साल्ट लेक, कोलकाता (फैक्स:033-23345862)।
14. मुख्य महाप्रबंधक (ओएस), डब्ल्यूबीपीडीसीएल, कोलकाता-98 (फैक्स नंबर 033- 23393286/2335-0516)।
15. जीएम, कोलाघाट टीपीएस, डब्ल्यूबीपीडीसीएल, कोलाघाट (फैक्स नंबर 03228231280)
16. डीजीएम (ऑपरेशंस), डीपीएल, दुर्गापुर, (फैक्स नंबर 0343-2555052)
17. जीएम (एसवाईएस ऑपरेशन), सीईएससी, चौरंगी स्क्वायर, कोलकाता (फैक्स नंबर 033- 22253756/22129871)।
18. मुख्य अभियंता, एसएलडीसी, डीवीसी, हावड़ा (फैक्स नंबर 033-2688-5094)।
19. अपर मुख्य अभियंता, एसएलडीसी, विद्युत विभाग, शासन। सिक्किम, गंगटोक, (फैक्स नंबर 03592-228186/201148/202284)
20. कार्यकारी निदेशक, ईआरएलडीसी, पोसोको, कोलकाता, (फैक्स नंबर 033-2423-5809)
21. महाप्रबंधक, एफएसटीपीपी, एनटीपीसी, फरक्का, (फैक्स नंबर 03512- 224214/226085/226124)
22. महाप्रबंधक, खएसटीपीपी, एनटीपीसी, कहलगांव (फैक्स नंबर 06429-226082)
23. महाप्रबंधक, टीएसटीपीपी, एनटीपीसी, तालचेर, (फैक्स नंबर 06760-249053)
24. महाप्रबंधक (ओएस), पावरग्रिड, ईआर-II, कोलकाता (फैक्स नंबर: 033-23572827)
25. महाप्रबंधक, पावरग्रिड, ईआर-I, पटना, (फैक्स नं.0612-2531192)
26. महाप्रबंधक (ओ एंड एम), पावरग्रिड, ओडिशा प्रोजेक्ट्स, साहिद नगर, भुवनेश्वर - 751 007
27. कार्यकारी निदेशक (ओ एंड एम), एनएचपीसी, फरीदाबाद (फैक्स नंबर:0129-2272413)
28. महाप्रबंधक, तीस्ता-वी पावर स्टेशन, एनएचपीसी, सिंगतम, पूर्वी सिक्किम (फैक्स 03592 - 247377)।
29. मुख्य अभियंता, रंगीत पावर स्टेशन, एनएचपीसी, पी.ओ. रंगीत नगर, दक्षिण सिक्किम (फैक्स नंबर 03595-259268)
30. वरिष्ठ उपाध्यक्ष, पीटीसी लिमिटेड, एनबीसीसी टावर्स, 15-भीकाजी काम प्लेस, नई दिल्ली-110066 (फैक्स नंबर 011-41659504)।
31. प्लांट हेड, आधुनिक पावर एवं नेचुरल रिसोर्सेज, झारखंड (फैक्स नं.: 0657-6628440)।

32. एजीएम (ऑपरेशंस), मैथन पावर लिमिटेड।

33. उपाध्यक्ष (विद्युत), वेदांता लिमिटेड, भुवनेश्वर- 751023 (फैक्स नंबर 0674-2302920)।

34. मुख्य विद्युत अभियंता, पूर्वी रेलवे, कोलकाता-700 001 (फैक्स नं.: 033-22300446)

35. मुख्य विद्युत अभियंता, दक्षिण पूर्व रेलवे, कोलकाता-43 (फैक्स: 033-24391566)।

36. उप निदेशक, पूर्वी आरपीएसएच, 14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033

37. महाप्रबंधक (ओ एंड एम), एनएचपीसी लिमिटेड, फरीदाबाद, फैक्स: 0129-2272413

38. एसोसिएट वाइस प्रेसिडेंट, जीएमआर केईएल, भुवनेश्वर-751007। (फैक्स नंबर: 0674-2572794)

39. जीएम (एसओ एवं सीओएमएल), एनटीपीसी वीवीएनएल, नई दिल्ली-110033। फैक्स:011-24367021

40. श्री डी. पी. भागवा, मुख्य सलाहकार (ओ एंड एम), टेस्टा ऊर्जा लिमिटेड, नई दिल्ली-110 001 (फैक्स:011-46529744)।

41. श्री ब्रजेश कुमार पांडे, प्लांट हेड, जीतपीएल। (फैक्स:011-26139256-65)

42. निदेशक (एनपीसी), सीईए, एनआरपीसी बिल्डिंग, कटवारिया सराय, नई दिल्ली-110016

43. उपाध्यक्ष (ओएस), हल्दिया एनर्जी लिमिटेड, बारीक भवन, कोकाता-700072, फैक्स: 033-22360955

44. महाप्रबंधक (ओ एंड एम), बीआरबीसीएल, नबीनगर, बिहार-824003, फैक्स-06332- 233026

**<u>सीसी:</u>**

| | | |
|---|---|---|
| मुख्य अभियंता, ओपीएम, सीईए | मुख्य अभियंता, एनपीसी, सीईए | सहायक सचिव,ईआरपीसी |

**ईआरपीसी:: कोलकाता**


## Eastern Regional Power Committee

# MINUTES
# OF
# 234th OCC MEETING

**Venue: ERPC Secretariat, Kolkata**

**Date: 23.12.2025**

# Contents

# EASTERN REGIONAL POWER COMMITTEE

## MINUTES OF 234th OCC MEETING HELD ON 23.12.2025 (TUESDAY) AT 10:30 HRS

*Member Secretary, ERPC welcomed all OCC members and other participants who were present physically as well as those who had joined virtually to the **234th OCC** Meeting. He appreciated the valuable contribution rendered by Shri Rajiv Sutradhar, ED , ERLDC who was going to be superannuated by the end of Dec 2025 and his contribution in various fora of ERPC is put on record. He further wished him active and healthy post retirement life.*

There after he requested all the participants to give brief introduction.

☐ *He outlined the performance of ER grid during **November 2025** highlighting the following points:*

❖ *In **November-2025**, Energy consumption of ER was **13646 MU** which is **almost same** as **November -2024**.*

❖ *In **November -2025**, Peak demand met of ER was **24143 MW** which is **7 % less** than **November -2024**.*

❖ *Thermal **PLF** of **ER** during **November -2025** was **72.2 %** w.r.t All India PLF of **59.1%.***

❖ *Generating stations whose PLF was more than **90**% during **November -2025**:*

| ***Utility*** | ***Generating station*** | ***PLF(%)*** |
|---|---|---|
| *WBPDCL* | *SANTALDIH TPS* | *98* |
| *NTPC* | *DARLIPALI STPS* | *99* |
| | *TALCHER STPS* | *92* |
| *OPGC* | *IB TPS* | *94* |
| *IPP* | *KAMALANGA TPS (GMR)* | *92* |

❖ *During **November-2025, 79.4%** of the time, the ER grid frequency was within IEGC Band (49.90Hz-50.05Hz).*

***Coal stock** position (As on 16.12.2025) was as follows:*

| ***SL.*** | ***Name of States/Power Stns.*** | ***% of Actual Stock vis-à-vis Normative Stock*** |
|---|---|---|
| *1.* | *Jharkhand (TVNL)* | *133%* |
| *2.* | *Odisha(IB TPS )* | *122%* |
| *3.* | *West Bemgal (WBPDCL )* | *75% (Min. Bakreswar TPS -58 %, Max. Sagardighi TPS –111%)* |
| *4.* | *D.P.L. TPS* | *24%* |
| *5.* | *DVC* | *90%(Min.Mejia TPS-71%, Max. Bokaro TPS `A -152%)* |
| *6.* | *NTPC* | *85% (Max. Darlipalli TPP -130% , Min. North Karanpura TPP- 43%)* |

☐ *He urged all thermal generating units on maintaining optimal coal stock to ensure generation as per schedule in the Summer 2026, which is most likely to witness a steep demand surge. DPL*

*and North Karanpura TPP were advised to build up the coal stock as per normative requirement. WBSLDC was also advised for monitoring coal stock positions as well as operational performance of DPL units.*

- ☐ *He emphasized the significance of comprehensive planning of maintenance of transmission assets well in advance to facilitate timely mobilization of men & material as well as preparedness on part of all stakeholders. In this regard, he adviced ERLDC to closely monitor the progress of reconductoring works of **400 kV Farakka-Kahalgaon** and **400 kV Talcher-Meramundali** lines for strictly adhering to the completion timeline and thereby strengthening ISTS network in ER during the upcoming summer for reliable power supply to Odisha, the need for complete reconductoring of ckt#1 of **400 kV Talcher-Meramandali** with HTLS before end of Feb 2025 was emphasized.*

*At the outset, ED, ERLDC welcomed all participants to the 234$^{th}$ OCC Meeting, shared his invaluable experience in real time grid operation over his tenure and underlined the significance of forging consensus to arrive at feasible solutions addressing the diverse interests of Generators, Transmission utilities, DISCOMs and other stakeholders. Thereafter, following major issues were highlighted for prudent consideration in the OCC forum:*

- ✦ *Commercialization of the 7$^{th}$ ICT at Subhasgram (PG)*
- ✦ *Construction of 765 kV Nawada–Durgapur–Jeerat corridor*
- ✦ *Construction of 220/132/33 kV SS TCF-II ( WBSETCL)*

❖ *List of participants is attached at **Annexure-A.***

## 1. PART-A: CONFIRMATION OF MINUTES

### 1.1. Confirmation of Minutes of 233rd OCC Meeting held physically at ERPC Secretariat on 21st November 2025

The Minutes of 233rd Operation Coordination Sub-Committee meeting held on 21.11.2025 was circulated vide letter dated 03.12.2025.

Members may confirm the minutes of 233rd OCC meeting.

**Deliberations in the meeting**

*Since no comments have been received so far, the Minutes of 233rd OCC meeting were confirmed.*

## 2. PART-B: ITEMS FOR DISCUSSION

### 2.1 Update on follow up agenda: ERPC

**a) Reconductoring of 400KV Talcher-Meramundali and 400KV Farakka-Kahalgaon D/C**

- 400kV Farakka-Kahalgaon D/C and 400kV Talcher-Meeramundali D/C transmission corridors are critical for power import to West Bengal and Odisha, respectively. During recent summers, these lines have experienced high power flows nearing their thermal limits. To address this, reconductoring with HTLS conductors has been approved under ERES-43 scheme with SCOD of 02.03.2026. POWERGRID has been entrusted with executing this reconductoring work under RTM. As demand remains lower between November and February due to favourable weather condition, it was discussed that the reconductoring work for both lines need to be completed by February 2026 to ensure reliable power supply.
- The matter was discussed in 232nd OCC Transmission line outage meeting wherein It was decided to discuss detailed outage plan in separate coordination meeting involving all stakeholders. Kick off meetings were conducted with POWERGRID on 29th Oct'25 and 4th Nov'25 for efficient outage planning. The coordination meetings involving all the parties were scheduled on 18th November 2025.

- **As per 233rd OCC:**

➢ **Reconductoring of 400KV Talcher-Meramundali D/C**

ERLDC informed that a special meeting was convened on 18th Nov 2025 via online mode (MS Teams) to discuss reconductoring plan of 400kV Talcher-Meramundali D/C. The minutes of the meeting is attached in **Annexure B.2.2.a**

❖ ERLDC further updated that LILO portion of Talcher-Meramundali Ckt-2 (17.158 KM) has already been taken under shutdown from 21st November 2025 by PG Odisha.

❖ PGCIL informed that reconductoring of 400KV Talcher-Meramundali#1 will commence from 21st Dec 2025 after completion of ongoing reconductoring of LILO portion and it is expected that reconductoring of the said line will be completed by end of January 2026.

✓ **233rd OCC decision:**

➢ OCC advised PGCIL to complete the reconductoring of LILO part by 20th Dec'25 and instructed to start the work of 400KV Talcher-Meramundali circuit-1 from 21st Dec 2025 and complete by 5th Feb'26 and strictly adhere to the agreed time lines.

- OCC also advised PGCIL to submit progress report on weekly basis and share all revised supply schedule and execution details to ERPC/ERLDC.

**Deliberations in the meeting**

*Powergrid Odisha submitted:*

- ✓ *Presently 4 teams have been deployed and from 28th Dec 2025, additional 4 teams will join after which S/D of circuit-1 will be availed.*
- ✓ *ROW issues has been resolved now.*
- ✓ *There are a number of crossings with LT lines which is hindering progress as per planned schedule.*
- ✓ *After completion of the LILO portion, reconductoring in circuit-1 will start as all pending materials have been received.*

*SLDC Odisha submitted:*

- ✓ *Reconductoring of the LILO portion may not be required as of now.*
- ✓ *Every possible cooperation will be extended i.r.o availing S/D of distribution feeders by Powergrid for reconductoring in line crossings.*

*SLDC Odisha also urged that at least one ckt (ckt#1) of 400KV Talcher-Meramundali D/C must be restored by 15th Feb 2026.*

*ERLDC deliberated that simultaneous shutdown of the LILO portion of Circuit-2 and Circuit-1 is not feasible, as it would necessitate curtailment at Talcher STPP due to higher power flows in the event of tripping of the HVDC Talcher–Kolar bipole.*

**OCC Decision**

- *Powergrid Odisha was advised to expedite reconductoring works and make circuit-I of 400KV Talcher-Meramundali D/C along with bay equipment ready for service by 15th Feb 2026.*
- *Powergrid Odisha was advised to share the detailed work schedule i.r.o reconductoring, clearly delineating the details of constraints at each location.*
- *Powergrid Odisha was advised to coordinate with NTPC and OPTCL i.r.o bay upgradation at Talcher end in due course.*
- *SLDC Odisha was advised to grant shutdown of all transmission line crossings the Powergrid lines on priority on D-2 basis.*
- *OCC advised ERLDC to convene weekly monitoring meeting to assess the progress.*

- **Reconductoring of 400KV Farakka-Kahalgaon D/C**

ERLDC apprised that a special meeting was convened on 18th November 2025 via online mode to discuss reconductoring plan of 400KV Farakka-Kahalgaon D/C involving stakeholders from NTPC, PGCIL, ERLDC & ERPC. The MoM of the meeting is attached in **Annexure B.2.2.b**.

**Deliberation in 233rd OCC:**

- PGCIL submitted that Line shutdown earlier planned from 20.11.25 could not be taken up due to **non-availability of material**. Material expected to reach by last week of Nov'26.

➢ PG ER1 also informed that outage 400KV Farakka-Kahalgaon#1 required for 2 months starting 1st week of Dec'26 and Circuit#2 outage required for 2 months after completion of Circuit#1.

**233rd OCC decision:**
OCC advised PGCIL to strictly adhere to the said timeline and complete the reconductoring of at least one circuit before February 2026 with simultaneous upgradation of bay equipments at both ends in coordination with NTPC.

Powergrid may update. Members may discuss.

**Deliberations in the meeting**

*Powergrid ER-I submitted:*

- ✓ *Shutdown has been availed on 2nd Dec 2025 and reconductoring work has commenced in 400KV Farakka-Kahalgaon D/C.*
- ✓ *Out of 94 ckt km of 400 kV Farakka-Kahalgaon D/C, reconductoring in 9 km has already been completed and work is under progress in 6 km.*
- ✓ *As materials have been received now, 2 additional gangs will be deployed to expedite progress in work.*

**OCC Decision**

- ➢ *Powergrid was advised to share the detailed work schedule i.r.o reconductoring, clearly delineating the details of constraints at each location.*
- ➢ *OCC advised ERLDC to convene weekly monitoring meeting to assess the progress.*
- ➢ *NTPC was advised to finalize the plan for Jackbus replacement at Farakka and accordingly communicate to Powergrid. ERLDC was requested to hold a separate meeting for further deliberation on the same.*

### b) Restoration status of 220kV Rajarhat (PG) - New Town IIC cable.

**Reference:**

Vide 221st OCC dated 27.11.24:
The faulty B phase cable already is isolated at both ends. As, the repair of the b phase cable involves kits and spares (particularly for the jointing portion of two different sized cables) from abroad, which is time consuming, so to keep the other two phase UG cables healthy, it was extremely necessary to keep those in no load charging condition. • Repair of the faulty cable (B phase) is getting delayed due to non-availability of the imported cable joiniting kit. • Neither charging the cable at low voltage nor charging from WBSETCL end was feasible • The said no load charging may please be allowed within shortest possible time to reduce any possibility of damage of R, Y phase cables in respect of Rajarhat (PG)-New Town AAIIC circuit II.
As per 229th OCC:
WBSETCL updated that the said line was charged on 09.07.2025 after rectification of cable fault. However, on 10.07.2025 B phase of circuit 1 of Rajarhat-New Town IIC developed a cable fault.

WBSETCL may update. Members may discuss.

**Deliberations in the meeting**

*WBSLDC apprised that the faulty B phase of 220kV Rajarhat (PG) - New Town IIC cable shall be restored by the end of February 2026.*

**OCC Decision**

*OCC advised that the faulty B- phase of the cable should be reinstated to service as per submitted timeline.*

### c) Intrastate Transmission Network Assessment & Mitigation – DVC:

Implementation of SPS scheme for N-1 compliance of ICTs at Bokaro

A joint study was conducted on 22nd October 2025 where SPS proposal was discussed.

**As per 233rd OCC:**

DVC updated that SPS implementation time line will be shared shortly with ERPC & ERLDC.

**233rd OCC decision:**

OCC advised SLDC, DVC to finalise the timeline for the implementation of the SPS and same may be communicated to ELDC & ERPC at the earliest.

DVC may update. Members may discuss.

**Deliberations in the meeting**

*DVC informed:*

- ✓ *The SPS will be implemented in two phases sequentially.*
- ✓ *In the first phase, SPS will be operational in two lines of Ramgarh ( within next 20 days)*
- ✓ *The Second phase of SPS can be implemented only after Koderma ICT is put in service( expected by 15th Feb 2025)*

**OCC Decision**

*OCC advised DVC to implement SPS as per submitted timeline and expedite in putting the Koderma ICT to service.*

### d) Intrastate Transmission Network Assessment & Mitigation – West Bengal

**Reference:**

Modification of Existing SPS Scheme at Subhasgram (PG) with Undervoltage Logic

ERLDC Proposed modification of existing SPS at Subhasgram (PG) to include undervoltage logic with time delay to prevent voltage collapse. OCC advised SLDC, West Bengal, WBSEDCL and CESC to meet after puja for discussing the proposed modified SPS scheme at Subhasgram and share the outcome in next OCC.

*Update*:

*State-level meeting already done by SLDC.*

WB may share the update. Members may discuss.

**Deliberations in the meeting**

*Powergrid ER-II updated that the undervoltage logic of SPS has been finalized that shall be shared by next week and the same shall be implemented at Subhasgram (PG) by the last week of January 2026, just after commissioning of the 6th ICT.*

**OCC Decision**

*OCC advised Powergrid along with all concerned stakeholders to strictly adhere to the timeline for UVLS implementation in intra-state network of WB, as submitted in the 55th TCC meeting dated 16.12.2025.*

### e) Intrastate Transmission Network Assessment & Mitigation-Odisha

**Reference:**

As deliberated in 231st OCC meeting held on 22.09.2025, OPTCL and SLDC Odisha were directed to submit actions taken report i.r.o. near miss event in Odisha on 12th August 2025 and constitute the committee as recommended earlier, comprising of members of ERPC, ERLDC, SLDC, & OPTCL to review the protection settings and the short-term/long-term measures as suggested by ERLDC.

OCC also advised SLDC Odisha to obtain approval from appropriate authority for implementation of UVLS scheme proposed for safeguarding the load of capital city and nearby areas from cascaded failure.

**In 233rd OCC Meeting,**

OPTCL informed that UVLS scheme is still purview of their higher management and if any progress is made, the same shall be communicated to ERPC/ERLDC.

- OCC took a serious note on the inordinate delay in decision making in the implementation of UVLS scheme as a contingency measure, considering the growing demand and increased congestion in the Odisha system.
- OCC further advised OPTCL to pursue the issue with their higher management with utmost priority and the matter was referred to TCC for detailed deliberations.

OPTCL & Odisha SLDC may update. Members may discuss.

**Deliberations in the meeting**

*SLDC Odisha submitted:*

*The UVLS scheme will be made operational by March 2026.*

**OCC Decision**

*OCC directed SLDC Odisha to install the UVLS before summer 26 i.e. March 26.*

### f) Interim arrangement for evacuation of JSWEUL Generation

Ind-Barath Energy (Utkal) Limited (IBEUL) (2 × 350 MW) has been evacuating power from Unit-1 and Unit-2 through an interim arrangement, i.e., by connecting one circuit of the 400kV OPGC–Sundargarh D/C ISTS line LILO at IBEUL, thereby forming an OPGC–IBEUL–Sundargarh 400 kV S/C line.

In view of the delay in completion of the Dedicated Transmission Line (DTL), the Central Electricity Authority (CEA) has approved continuation of the above interim arrangement for evacuation of power through LILO of the 400 kV OPGC–Sundargarh line at IBEUL with SPS, only up to 31.12.2025, as recorded in the Minutes of Meeting dated 15.07.2025 (Annexure-2.1. E).

JSWEUL may update. Member may discuss.

**OCC Decision**

*OCC opined that the existing interim arrangement of power evacuation from JSWEUL had been approved by CEA upto 31.12.2025 as per the last approval of extension from CEA dated 15.07.2025. Accordingly, JSWEUL was urged to take up the matter with CEA for further consideration.*

**g) Construction of Nawada–Durgapur–Jeerat (New) 765kV corridor for improved reliability in the Eastern Region and improve reliability of power supply to Kolkata:**

To improve reliability of Kolkata and adjacent area, one alternate 765kV corridor was planned after several joint study meeting organised by CTU. Nawada S/s along with Nawada – Durgapur – Jeerat (New) 765kV corridor was agreed to be taken up for strengthening 765kV interconnection to Kolkata area. Accordingly, the "ERES-47: Nawada – Durgapur – Jeerat (New) 765kV corridor" scheme was agreed to be implemented as a strengthening scheme in the 47th CMETS-ER held on 29-09-2025. The final scope of works was discussed and agreed in 48th CMETS-ER held on 30-10-2025.

This project was discussed in 55th TCC/ERPC meeting dated 16.12.2025 and 17.12.2025 for final approval. However, West Bengal deliberated that proposed 765KV lines will have very less impact for ensuring a stable and reliable supply to Kolkata.

TCC advised CTU to conduct a joint study for exploring all the pros and cons of implementation of the scheme in consultation with WBSETCL & ERLDC and this scheme may be clubbed with RE power evacuation scheme from Bikaner phase-VI up to Eastern Region and a detailed report may be shared with ERPC latest by 31st December 2025.

WBSETCL may update. Member may discuss.

**Deliberations in the meeting**

*WBSLDC submitted:*

*The proposed 765 kV corridor will definitely aid in ensuring reliable power supply to Kolkata if it is extended upto 765 kV New Jeerat(PG). Along with the proposed 765 kV corridor, associated 400 kV lines are also needed to support the system in event of crisis by catering to all critical load points.*

**OCC Decision**

*As directed in the 55$^{th}$ ERPC meeting, it was decided that a special meeting shall be convened involving ERPC, CTU, ERLDC, WBSETCL and WB SLDC wherein joint study report by CTU shall be discussed for stakeholder views/opinion. CTU was also requested to complete the study at the earliest.*

**h) Establishment of proposed TCF-II 220/132/33 KV SS by WBSETCL**

The proposal for the TCF-II 220/132 kV intra-state substation with ISTS connectivity (through D/C LILO of Siliguri PG–Kishanganj PG 220 kV HTLS line) proposed to meet the rising demand in the Ghoshpukur–TCF and adjacent areas. The scheme has undergone detailed discussion at CMETS-ER since May 2025, considering multiple operational scenarios. Studies indicate that, under N-1 contingency, the Binaguri PG–Siliguri PG line would load to 426 MW, which is above within 90% of the HTLS line's thermal limit (450 MW) assuming a 1500 MW APD–Agra HVDC link setting.

The same matter was again discussed in West Bengal Resource Adequacy Studies, and it was proposed to set up a 400/220/132kV substation. The same matter was discussed in **55th TCC & ERPC meeting**. The matter was referred to West Bengal Resource Adequacy Studies held on **22nd December 2025.**

WBSETCL may update. Member may discuss.

**Deliberations in the meeting**

*WBSLDC stressed the urgent need of TCF-II 220/132/33 KV S/S as there is no other source( adjacent generating station/line) to meet the load of upcoming 132 kV S/S at Ghoshpukur. This S/S is most likely to cater to the load of Data Centres to be setup in line with extant norms of Govt of India.*

**OCC Decision**

*OCC opined that the issue will be taken up in the special meeting to be convened by CEA on 24.12.2025. Based on the deliberations, further course of action will be framed in the next OCC.*

**i)Commissioning of an additional 250 MVA ICT at Tenughat**

**Reference:**

On 06.08.2025 a special meeting was convened to decide on the future course of the 400 kV Tenughat–PVUNL interim line.

**As per 232nd OCC :**

- JUSNL updated that testing of the 250MVA ICT at Tenughat has been completed and test report is to submitted to the State power department for electrical clearances.
- SLDC, Ranchi further updated that ICT commissioning is expected to be completed by 15th December 2025.

OCC Decision

OCC advised JUSNL to expedite the commissioning of 250MVA ICT at Tenughat so that the said ICT shall be operational at the earliest.

JUSNL may update. Members may discuss.

**Deliberations in the meeting**

*TVNL apprised:*

- *The 250 MVA ICT is very old (procured around 1996) and the same has not been charged till now.*
- *Electrical clearance of the ICT is pending as test reports are still awaited. Once electrical clearance is received, the ICT will be charged tentatively by 15th Jan 2026.*

*ERLDC informed:*

*One of the two ICTs procured at the same time,i.e 1996 was charged two years ago.*

**OCC Decision**

- ✓ *OCC expressed serious concern on the healthiness of the ICT which has not been loaded since procurement that may have exhausted its useful life.*
- ✓ *OCC also opined that this 250 MVA ICT is utmost essential to ensure reliable power evacuation from upcoming PVUNL unit-II.*
- ✓ *TVNL was urged to put the ICT to service but only after prudently assessing its healthiness and useful life to avoid recurrent outage followed by replacement in future. The same set of procedure for charging may be followed as for the other ICT charged two years back.*

**2.2 Shifting of load from all India load ramp period to prevent over-drawal and critical low frequency operation of the grid: ERPC**

As per direction of **Ministry of Power** dated **01.02.2024 ( Annex 2.1 ):**

In order to combat global warming, it is necessary to shift from coal based power generation to Renewables. India has pledged that by 2030, it will have 50% of its installed capacity from non-fossil (Renewable) sources.

It is expected that the All India demand will continue growing at a rapid pace because of the increase in the pace of growth of the economy. Thermal capacity addition cannot keep pace – because the gestation period of constructing a thermal power plant is 6 to 7 years. Renewable Energy- especially solar – has a lower gestation period – so the increase in solar capacity will keep pace with the growth in demand. This will ensure that there will be no shortage of power during solar hours. Keeping all factors in view, it has been decided that agricultural load be shifted to solar hours. This will have the following advantages:

i. The farmers will be able to irrigate their fields during daylight hours.
ii. This will prevent depletion and help in conservation of precious ground water resource.
iii. Solar power is cheaper than thermal/hydro – so the cost of supply during daylight hours is cheaper – so the cost of power supplied for irrigation will come down.

There shall be no curtailment in the hours of supply for agriculture. The farmers will keep getting the same number of hours of supply which they are getting now. Because of the large capacity additions in RE, there shall be no shortage of Solar/RE during the solar hours.

Further, as it is proposed to shift the Time of Day(TOD) tariff, under which tariff during solar hours will be less, it may also be analyzed as to what other load can be shifted to solar hours; and this may be done.

An analysis has been done by NLDC (on one minute SCADA data) for the evening all India load ramping hours and that of drawal of the state control area of Bihar and Odisha from Nov-24 to Oct-25. Analysis is attached as **Annexure-2.1**. Based on the analysis, the following observations have been highlighted by NLDC:

**For Bihar**

- Average Over Drawal (OD) remained between 80-170 MW.
- OD persisting for a significant portion of the ramp interval during these months, around 46% of the time overdrawal during ramp in last 12 months.

**For Odisha**

- Average Over Drawal (OD) remained between 110-160 MW.
- OD persisting for a significant portion of the ramp interval during these months, around 54% of the time overdrawal during ramp in last 12 months.

The above situation indicates, gap in Resource Adequacy (RA) exercise for ramping hours. Since, higher resources are available during solar hours, following is requested to be explored:

1. Shifting of loads from all India load ramping hours to high solar hours.
2. Keeping enough ramping resources and reserves during net load ramping hours and non-solar peak hours.

It has been requested that concerned utlilities may please be advised to take action on the above suggestions and a brief action plan may be shared with concerned RLDC and NLDC.

Members may discuss.

## Deliberations in the meeting

*ERLDC delivered a brief presentation outlining the seasonal as well as diurnal variation of load.*
*It was apprised:*

- *In the evening, the ramp performance of all state generators( thermal, hydro) should align with surge in load and corresponding dip in solar generation.*
- *All India agricultural load is around 20% whereas only 4-5% of the total demand of ER is agricultural load.*

*SLDC Bihar submitted that presently there is amalgamation of both agricultural and non-agricultural loads on 132 kV feeders. Construction of dedicated 11 kV feeders catering to agricultural loads is in progress under RDSS (Revamped Distribution Sector Scheme) and to be completed by end of 2026.*
*SLDC Odisha submitted :*

✓ *There is no dedicated agricultural feeder.*
✓ *A total of 125 MW of battery storage system at 6 locations (20MW*5 + 25MW*1) is under procurement(at consumer end). Also, few pumped storage plants are planned to be commissioned by 2027.*

**OCC Decision**

➢ *All thermal generating units were advised to achieve the desired ramp rate of 3%( to the closest extent) as mandated in IEGC 2023.The ramping should start at an appropriate instant ( neither too early nor too late) matching the rate of fall of solar generation in non-solar hours so as to ensure frequency is being confined in the IEGC band.*
➢ *OCC advised ERLDC to put up a comparative analysis on ramping performance of thermal generating units of ER during non-solar peak hours.*
➢ *OCC advised all ER states to explore shifting of the maximum possible quantum of agricultural load in solar hours with proper segregation of feeders for agricultural and non-agricultural loads. SLDCs need to coordinate with respective DISCOMs in this regard.*
➢ *OCC opined that storage mechanisms like BESS (Battery Energy storage) should be leveraged to provide support to the grid in the crucial non-solar peak hours.*
➢ *All ER states were advised to assess the exact quantum of energy storage necessary for avoiding overdrawl during non-solar peak hours. Accordingly, a detailed plan to be shared with ERPC Secretariat for implementing energy storage systems.*
➢ *OCC also opined that implementation of TOD (Time of the Day) tariff can encourage the consumers for load shifting to solar hours and thereby easing the burden on the grid in non-solar peak hours through Demand side management.*

**2.3 Methodology for Cost calculation with respect to the already commissioned 7th ICT (500 MVA,400/220 KV ) at Subhashgram(PG) Susbstation: CESC**

- As per MOM of the Meeting held at Vidyut Bhavan on 25.08.2023 under the Chairmanship of the Secretary, Dept. of Power, Govt. of West Bengal, it was decided that incremental charges associated with this will be borne by CESC. But…*"as Powergrid cannot claim the cost related to this interim arrangement directly from CESC and can claim only from WBSEDCL as DIC Discom, WBSEDCL shall pay all cost / incremental charges to PGCIL after realising the same from CESC through bilteral arrangement between CESC & WBSEDCL"*…
- It was also decided in the said Meeting that realisation of incremental cost from CESC shall commence after the subject ICT is commissioned as interim measure ICT at Subhashgram till commissioning of the 6th 500 MVA 400/220 KV ICT thereafter.
- Now the said 7th ICT has already been commissioned on 21.06.2024 and as per the latest communication received from PGCIL, the 6th ICT is scheduled to be commissioned thereafter by the second half of January, 2026.

- So, guidance on the methodology for calculation of the incremental cost is sought.

CESC may explain. Members may discuss.

**Deliberations in the meeting**

*ERLDC summarized the deliberation in the special meeting convened by CEA on 22.12.2025 wherein the continuation of 7th ICT on permanent basis at Subhasgram(PG) after 2030 came up, though final decision to be taken by Member (Power System), CEA.*

*It was apprised that the exact load relief at Subhasgram(PG) can be ascertained in study only after getting the information on which lines will be shifted from Subhasgram(PG) to New Laxmikantapur .*

*WBSLDC submitted:*

*CEA's prediction on non-requirement of the 7th ICT at Subhasgram(PG) after 2030 takes into account the commissioning of New Laxmikantapur S/S by 2029 that is expected to provide around 30% load relief to Subhasgram(PG) . But, if timely commissioning of New Laxmikantapur S/S doesn't take place,there shall be extreme network congestion in absence of 7th ICT and hindering reliable power supply to Kolkata.Also this load relief to Subhasgram(PG) is computed considering all generators in service and in absence of any of the generators, data on power drawl pattern of CESC from all the drawl points is needed for predicting the exact quantum of load relief.*

*CESC affirmed the need of 7th ICT at Subhasgram(PG) to meet the rising demand of Kolkata city. As per their study, rise in their load beyond 2400 MW will entail increased power drawl from Subhasgram (PG).*

*It was further intimated that CESC has already paid Rs 12 crores to WBSETCL ( comprising installation and PGCIL consultancy charges) and guidance was sought on modalities of incremental cost & VAR charges sharing with reference to the discussion held in the meeting dated 25.08.2023 under chairmanship of Secretary(Power), Govt of WB.*

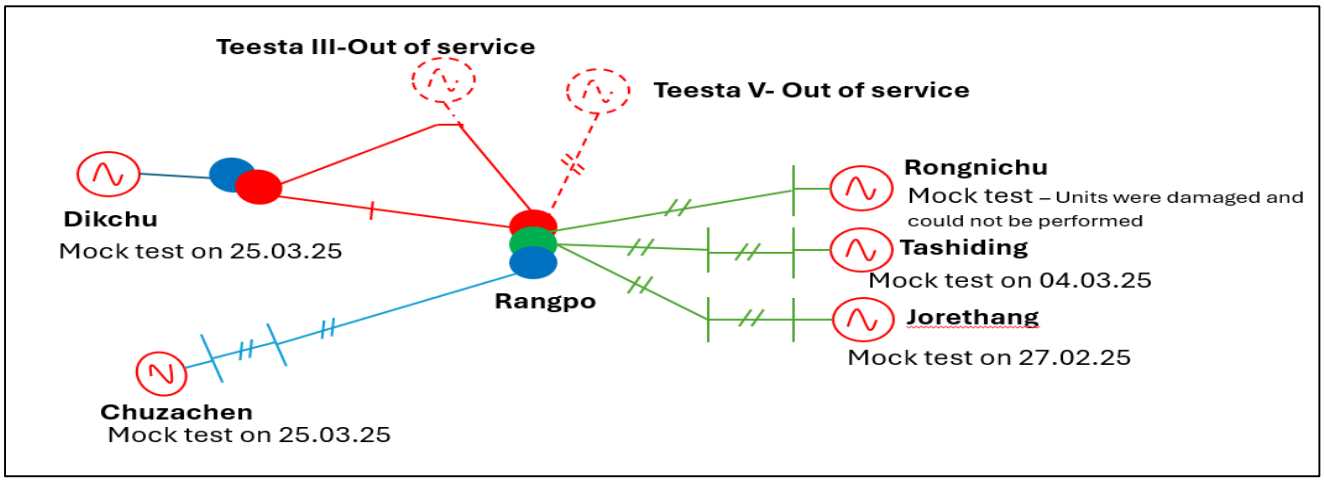
**OCC Decision**

- ✓ *As the planned transformation capacity is 500X2 MVA at the proposed New Laxmikantapur S/S, maximum 400 MW of load relief will be feasible from Subhasgram(PG) even after commissioning of New Laxmikantapur S/S( considering N-1 contingency).Also considering steady load growth, OCC assessed the permanent need of 7th ICT at Subhasgram(PG) that needs to be conveyed to CEA with all accessory data.*
- ✓ *OCC opined that after the final decision is taken i.r.o. the 7th ICT at Subhasgram(PG) by CEA , the modalities of cost sharing between the two DISCOMs i.e WBSEDCL and CESC shall be finalized.*

### 2.4 Black start of ER Units in Sikkim Complex: ERLDC

A black start capable resource and its readiness are essential for grid resilience. As mandated under Clause 34(3) of the IEGC 2023, all users must conduct mock black start exercises annually, coordinated by the SLDC for state-level stations and by the RLDC for ISGS and IPP stations. In the Eastern Region, all black start capable ISGS and IPP units are located in Sikkim and are connected to the 400/220/132 kV Rangpo substation.

In eastern region all black start capable ISGS and IPP units are located in Sikkim and connected to 400/220/132 kV Rangpo substation as shown below:




During 2024–25, mock black start exercises were conducted at Jorethang, Tashiding, Chuzachen, and Dikchu HEPs. Only Tashiding could synchronize with Rangpo, and that too after an hour's delay, while the other HEPs could not complete synchronization.

During this year, on 12 December 2025, Tashiding also failed to synchronize despite frequency matching within 0.01 Hz, due to the Rangpo BCU hanging repeatedly even after multiple restarts. (Report attached)

Following key challenges were identified:

**Key Challenges:**

- Synchronization at the Rangpo end is based on a **Bay Control Unit (BCU**) which checks for: Voltage difference, Frequency difference, Angle difference.
- Only after the BCU confirms all three criteria are met, a **manual closing command** is issued by the operator.
- To accommodate operator reaction time and prevent out-of-phase synchronization, a tight frequency difference setting of 0.01 Hz is enforced. This ensures that within the operator's response window, the angle difference remains within ±15 degrees.
- However, such stringent synchronization settings are difficult to satisfy during a black start, as both generator and grid frequencies varies continuously. This leads to either: Excessive delay in synchronization or Failure to meet synchronization criteria altogether.
- The black-start capable generating units faced difficulty in maintaining a stable frequency, which further complicated the synchronization process.

**Remedial Measures:**

1. **Installation of Auto-Synchronization Facilities:**

- Deployment of automatic synchronization systems at strategic substations such as Rangpo, for all existing and future feeders connected to black-start capable generating stations, is required.
- At plant end auto synchronization facilities are available and difference of frequency Setting is kept at 0.1 Hz, therefore it synchronizes smoothly while bringing the unit on bar. Accordingly, at Rangpo end, with installation of auto synchronization, frequency setting can also be increased which will enable faster and smoother synchronisation.

2. **Finalization of Synchronization Parameter Thresholds:**

- A review and finalization of realistic and achievable synchronization parameter settings (voltage, angle, frequency difference) is essential.

- These thresholds should balance the need for operational safety with practical synchronization feasibility during black start conditions.

In consecutive 2 years, mock black start test failure has been observed in such an important hydro complex in the eastern region, which will be vital for restoration during actual blackout scenario.
Members may discuss.

**Deliberations in the meeting**

*ERLDC apprised:*

- ✓ *Attempt was made for mock black start of Tashiding HEP on 12th December 2025 but synchronization was not possible due to large magnitude of angular difference (160 degrees) between the incoming machine and Rangpo(PG) bus. The BCU witnessed technical disruption and leading to failure of synchronization.*
- ✓ *Substantial delay is caused due to manual command in BCU, making frequency band too stringent for feasible synchronizsation. Increasing frequency range in manual synchronization poses risk of machine falling out of step with the bus.*
- ✓ *On the other hand, implementation of auto-synchronization facilities at Rangpo(PG) will aid in smooth and faster synchronization with a wider range of frequency. Auto-synchronization facility is highly essential for successfully carrying out actual black start.*
- ✓ *This is leading to failure of mock black start exercise( as mandated in IEGC 2023) of all surrounding hydro generating stations in Sikkim connected to 400 kV Rangpo bus, which acts as the only synchronization point with rest of the grid.*
- ✓ *Last year mock black start of Tashiding HEP was successful but with long delay and generation loss.*
- ✓ *The issue was put in NCT meeting but was not agreed for the proposed modifications facilitating Auto-synchronization.*

*Powergrid stated:*

- *Implementation of Auto-synchronization facility is not feasible as per prevailing technical specifications and guidelines of CEA transmission planning criteria. With modification in technical specifications, procurement of dedicated synchronization panel can be done accordingly.*
- *Parameters and settings at the generator end should also be checked for proper synchronization.*

***OCC Decision***

*Powergrid was advised to explore feasibility of implementing auto-synchronization facility through BCU upgradation or other means at Rangpo in consultation with concerned OEM as well as considering the prevailing procedure being practised in other regions of the country for mock black start with auto-synchronization. A detailed assessment report should be shared in the next OCC for further deliberation.*

## 2.5 Shutdown proposal of Thermal generating units from the month of January to March 2026: ERPC

## Deliberations in the meeting

*OCC approved the shutdown schedule as detailed below:*

| *Maintenance Schedule of Thermal Generating Units of ER during 2025-26* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| *System* | *Station* | *Unit* | *Capacity (MW)* | *LGBR Approved* | | *No. of Days(as per OCC)* | *OCC Approved* | | *Reason* |
| | | | | *From* | *To* | | *From* | *To* | |
| *NTPC* | *NABINAGAR STPP* | *2* | *660* | *5-Jan-26* | *18-Feb-26* | *_* | *Not required.* | | *AOH* |
| | *FARAKKA STPS* | *6* | *500* | *15-Jan-26* | *18-Feb-26* | *30* | *15.01.2026* | *14.02.2026* | *AOH* |
| | *BARAUNI TPS* | *9* | *250* | *01.12.2025* | *30.12.2025* | *45* | *01.01.2026* | *15.02.2026* | *AOH* |
| | *BARAUNI TPS* | *8* | *250* | *15.03.26* | *31.03.26* | *_* | *Not required.* | | *AOH* |
| *DVC* | *MEJIA TPS* | *8* | *500* | *11-Jan-26* | *4-Feb-26* | *_* | *Not required.* | | *BOH* |
| | *MEJIA TPS* | *6* | *250* | *03-12-2025* | *06-01-2026* | *34* | *28.12.2025* | *31.01.2026* | *AOH-R&M* |
| | *MEJIA TPS* | *7* | *500* | *29-08-2025* | *25-09-2025* | *34* | *06.02.2026* | *12.03.2026* | *AOH-R&M* |
| | *KODARMA TPP* | *2* | *500* | *11-Feb-26* | *17-Mar-26* | *_* | *Not required.* | | *AOH* |
| | *KODARMA TPP* | *1* | *500* | *05-10-2025* | *01-11-2025* | *34* | *10.12.2025* | *13.01.2026* | *AOH* |
| *WBPDCL* | *BANDEL TPS* | *5* | *210* | *3-Feb-26* | *9-Mar-26* | *7* | *05.02.2026* | *12.02.2026* | *Boiler License renewal* |
| | *SANTALDIH* | *5* | *210* | *27.12.25* | *30.01.26* | *34* | *03.01.2026* | *06.02.2026* | *BTG OH+De-Nox* |
| | *SAGARDIGHI* | *1* | *210* | *05.08.25* | *08.09.25* | *34* | *04.01.2026* | *07.02.2026* | *AOH* |
| | *KOLAGHAT* | *3* | *210* | *10.02.26* | *16.03.26* | *35* | *08.12.2025* | *11.01.2026* | *AOH* |
| | *KOLAGHAT* | *4* | *210* | *15-07-2025* | *08-08-2025* | *25* | *Not required now. To be availed in next FY.* | | *ESP R&M* |

## 2.6 Shutdown Program of Hydro power plants

### Annual maintenance of Rongnichu HEP

**Rongnichu has submitted:**

- ✓ A reduction in river inflow in coming months is anticipated, particularly during the leanest period in February, they have strategically planned the Annual Maintenance activities for the Rongnichu HEP to coincide with this opportunity.
- ✓ Accordingly, the plant will undergo a complete shutdown from **15th February 2026 to 28th February 2026** to facilitate the required Annual Maintenance work.
- ✓ If the maintenance work is completed earlier or requires additional time the plant will be restored accordingly. Any changes to the schedule will be communicated to ERPC/ERLDC in advance.

Rongnichu may update. Members may discuss.

**Deliberations in the meeting**

*OCC granted the shutdown of Rongnichu HEP to be availed from 15.02.2026 to 28.02.2026 (13 days) for annual maintenance.*

### Annual maintenance of Tashiding HEP

This is in reference to the approved annual maintenance shutdown of Tashiding HEP – Unit-2 from 15.12.2025 to 31.01.2026 (46 days), as consented in the 233rd OCC Meeting dated 21.11.2025. During this period, Unit-1 was planned to remain operational.
It is now proposed to undertake a complete shutdown of Tashiding HEP during February 2026, as detailed below:

- Unit-1: Shutdown from 01.02.2026 to 28.02.2026
- Unit-2: Extension of shutdown from 01.02.2026 to 28.02.2026

The shutdown is required for essential maintenance and overhauling works to ensure reliable plant operation.

**Deliberations in the meeting**

*OCC consented to the shutdown requests of both units of Tashiding HEP as per submitted timeline. Therefore, both the units of Tashiding will be under shutdown during the entire month of Feb-26.*

### Annual maintenance of Jorethang Loop HEP

It is also proposed to plan shutdown of Jorethang Loop HEP – Unit-1 from 02.01.2026 to 31.01.2026 for under-water parts maintenance.
The above shutdowns are required for essential maintenance and overhauling works to ensure safe and reliable operation of the plants.

Unit-2 of JLHEP is planned to remain operational during the shutdown period.

**Deliberations in the meeting**

*OCC granted shutdown of Jorethang Loop HEP – Unit-1 from 02.01.2026 to 31.01.2026.*
*As per the deliberations of the special meeting held on 26.11.2025, Powergrid may complete the HV test at Rangpo S/s by taking 220 kV double bus shutdown.*

## 3. PART-C: ITEMS FOR UPDATE/FOLLOW-UP/INFORMATION

### 3.1. ER Grid performance during November 2025

The average and maximum consumption of Eastern Region and Max/Min Demand (MW), Energy Export for the month November -2025 were as follows:

| AVERAGE CONSUMPTION (MU) | MAXIMUM CONSUMPTION(MU)/ DATE | MAXIMUM DEMAND (MW) | MINIMUM DEMAND (MW) | SCHEDULE EXPORT | ACTUAL EXPORT |
|---|---|---|---|---|---|
| | | DATE / TIME | DATE / TIME | (MU) | (MU) |
| 455 MU | 511 MU, 10.11.2025 | 24143 MW, 01.11.2025 at 18:01 Hrs. | 14209 MW, 17.11.2025 at 02:37 Hrs. | 5198 | 5724 |

ERLDC/ERPC may highlight the performance of the ER grid.

**Deliberations in the meeting**

*The grid performance of ER for the month of November 2025 was highlighted.*

### 3.2. Non-Submission of FRC data in stipulated time-frame: ERLDC

Adhering to IEGC clauses 30.8 and 30.10.(a) to 30.10.(q), generating stations within the Eastern region are required to submit essential data to ERLDC within two days of receiving a notification regarding a reportable frequency event. Additionally, according to clause 30.10.(n), all control areas within the eastern region must assess their frequency response characteristics and share the evaluation, along with high-resolution data, with the ERLDC. Therefore, timely submission of primary response data is crucial for compliance with the IEGC.

Hence all are again requested to follow the stipulated timeline and submit the data to ERLDC and also fill the google sheet below to include the email address where notifications of reportable events should be sent.

The latest data receipt status is given below: (as on **15.12.2025**):

| STATIONS | | 11-05-2025 16:51 HRS | 12-06-2025 13:34 HRS | 16-06-2025 11:51 HRS | 22-07-2025 19:46 HRS | 29-07-2025 14:55 HRS | 01-09-2025 14:57 HRS | 24-09-2025 11:04 HRS | 24-09-2025 11:32 HRS | 15-10-2025 12:11 HRS |
|---|---|---|---|---|---|---|---|---|---|---|
| FSTPP #STG 1 & 2 | ISGS | | | | | | | | | |
| FSTPP # STG 3 | ISGS | | | | | | | | | |
| KhSTPP #STG 1 | ISGS | | | | | | | | | |
| KhSTPP #STG 2 | ISGS | | | | | | | | | |
| TSTPP #STG 1 | ISGS | | | | | | | | | |
| Barh stage-1 | ISGS | | | | | | | | | |
| Barh stage-2 | ISGS | | | | | | | | | |
| BRBCL | ISGS | | | | | | | | | |
| Darlipalli | ISGS | | | | | | | | | |
| North Karanpura | ISGS | | | | | | | | | |
| NPGC | ISGS | | | | | | | | | |
| TEESTA V | ISGS | | | | | | | | | |
| Dikchu | | | | | | | | | | |
| IBEUL (JSW UTKAL)/INDBHARAT | IPP | | | | | | | | | |
| GMR | CPP | | | | | | | | | |
| MPL | CPP | | | | | | | | | |
| ADHUNIK | CPP | | | | | | | | | |
| JITPL | CPP | | | | | | | | | |
| TEESTA III | CPP | | | | | | | | | |
| Bihar | STATE | | | | | | | | | |
| Jharkhand | STATE | | | | | | | | | |
| DVC | STATE | | | | | | | | | |
| OPTCL | STATE | | | | | | | | | |
| WB | STATE | | | | | | | | | |
| **Updated as on** | **15.12.2025** | | | | | | | | | |
| | Received | | | | | | | | | |
| | Not Received | | | | | | | | | |
| | Plant Out | | | | | | | | | |
| | Data freeze at plant | | | | | | | | | |

Hence all are again requested to follow the stipulated timeline and submit the data to ERLDC and also fill in the google sheet below to include the email address where notifications of reportable events should be sent.

**https://docs.google.com/spreadsheets/d/1slvAOmQIEQVlMn0LnB78eKMa2sz2QYICZ-sPEpeV_jk/edit?usp=sharing**

ERLDC may explain and all SLDCs may update. Members may discuss.

## Deliberations in the meeting

***OCC Decision**: -*

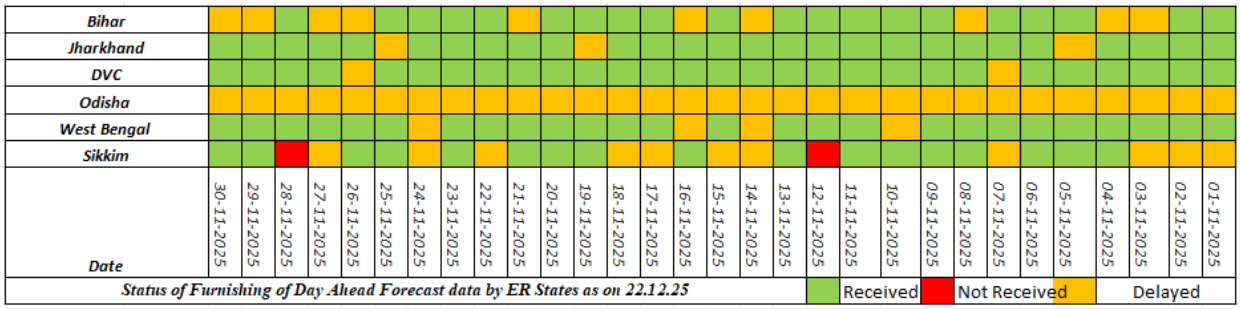
- *All generators were advised to regularly share high resolution data against each reportable frequency event with ERLDC on time to facilitate accurate assessment of FRP for respective control areas.*
- *All generating utilities were also urged to update the google sheet (link mentioned above) with email address where notifications of reportable events will be shared.*

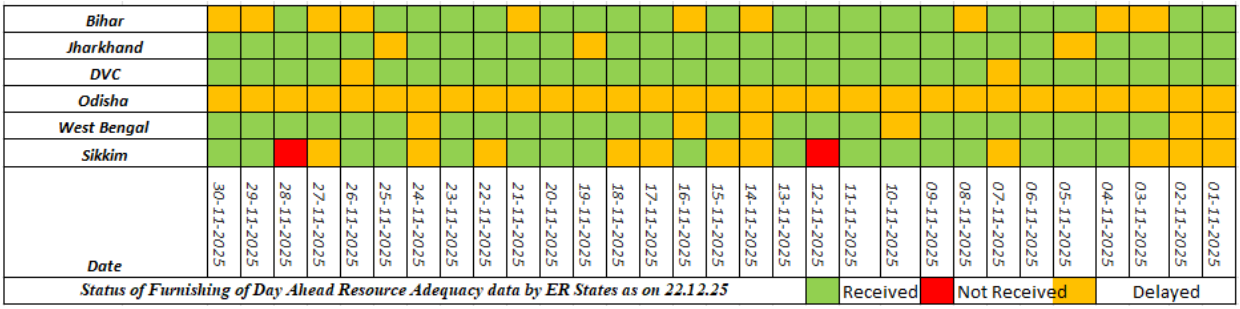
### 3.3. Regarding Non-Submission of Forecasting Data from States: ERLDC

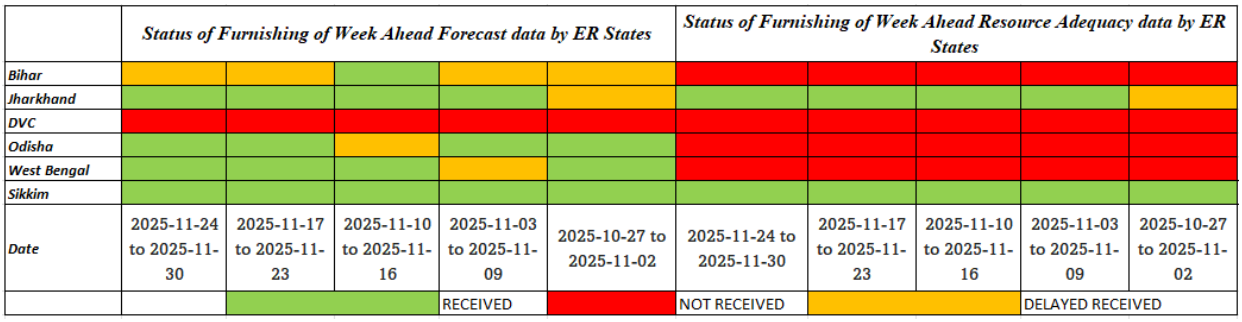
**Clause 2** of **Regulation 31** of **IEGC 2023** has mandated all the SLDCs to timely submit the demand estimate data to the respective RLDC and RPC.

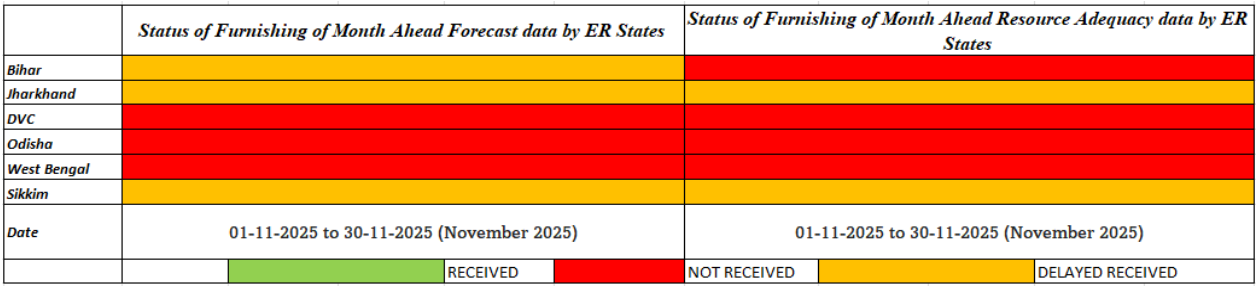
Current data submission status is given in the table below: Hence it is again requested to all the concerned for timely submission of demand estimation data to ERLDC. This collaboration is essential for effective planning and preparedness to meet the region's electricity demands efficiently and reliably.

Latest Forecast and Resource Adequacy Data receipt status at ERLDC is shown below:




ERLDC may explain and all SLDCs may update. Members may discuss.

## Deliberations in the meeting

- ✓ *OCC advised all SLDCs for strictly adhering to the schedule of demand estimation as mandated in IEGC 2023, timely sharing with ERLDC in specified format as well as uploading of forecasting error on their respective websites.*
- ✓ *SLDCs who are submitting day ahead forecast was advised to also share the forecasting data for their respective control areas on weekly as well as monthly basis with ERLDC.*
- ✓ *All SLDCs were urged to regularly furnish resource adequacy data besides demand forecast.*

## 4. PART-D: OPERATIONAL PLANNING

### 4.1. Anticipated power supply position for January-2025

The abstract of peak demand (MW) vis-à-vis availability and energy requirement vis-à-vis availability (MU) for the month of January -2025 is prepared by ERPC Secretariat (**Annexure D.1**) on the basis of LGBR for 2025-26 and feedback of constituents, keeping in view that the units are available for generation and expected load growth etc.

Members may update.

**Deliberations in the meeting**

*All states were requested to provide their anticipated power supply position for January 2025 within a week. Updated anticipated power supply position will be shared accordingly.*

### 4.2. Major Thermal Generating Units/Transmission Element outages/shutdown in ER Grid (as on 21-12-2025)

| SL No | STATION | STATE | AGENCY | UNIT NO | CAPACITY (MW) | REASON(S) | OUTAGE DATE |
|---|---|---|---|---|---|---|---|
| 1 | TSTPP | ODISHA | NTPC | 1 | 500 | Annual Overhauling | 15-Dec-2025 |
| 2 | NABINAGAR(NPGC) | BIHAR | NTPC | 1 | 660 | Annual Overhauling | 01-Dec-2025 |
| 3 | ADHUNIK | JHARKHAND | APNRL | 1 | 270 | Capital Overhauling | 30-Nov-2025 |
| 4 | JIPL | ODISHA | JIPL | 1 | 600 | Annual overhauling | 30-Nov-2025 |
| 5 | KBUNL | BIHAR | NTPC,BSPHCL | 1 | 195 | Annual overhauling | 15-Nov-2025 |
| 6 | KODERMA | DVC | DVC | 1 | 500 | Annual Overhauling | 17-Dec-2025 |
| 7 | KOLAGHAT | WEST BENGAL | WBPDCL | 3 | 210 | Capital Overhauling | 11-Dec-2025 |
| 8 | NABINAGAR(BRBCL) | BIHAR | NTPC | 3 | 250 | Tripped on boiler tube leakage | 20-Dec-2025 |
| 9 | NABINAGAR(BRBCL) | BIHAR | NTPC | 1 | 250 | generator stator earth fault | 04-Dec-2025 |
| 10 | BAKRESHWAR | WEST BENGAL | WBPDCL | 5 | 210 | Miscellaneous maintenance job | 19-Dec-2025 |
| 11 | Buxar TPP | BIHAR | SJVN | 1 | 660 | Low Coal Stock | 14-Dec-2025 |

**All Generating stations are requested to update expected restoration time and reason outage to ERLDC/ERPC on weekly basis in case of any change at their end.**

**Major Generating stations Out on Reserve Shutdown due to low system demand:**

| SL No | STATION | STATE | AGENCY | UNIT NO | CAPACITY (MW) | REASON(S) | OUTAGE DATE |
|---|---|---|---|---|---|---|---|
| 1 | SOUTHERN | WEST BENGAL | CESC | 2 | 67.5 | Reserve Shut Down | 12-Nov-2025 |
| 2 | SOUTHERN | WEST BENGAL | CESC | 1 | 67.5 | Reserve Shut Down | 03-Oct-2025 |

**Hydro Unit Outage Report: -**

| S. NO | STATION | STATE | AGENCY | UNIT NO | CAPACITY (MW) | REASON(S) | OUTAGE DATE |
|---|---|---|---|---|---|---|---|
| 1 | TEESTA STG III Hep | SIKKIM | TUL | 1 to 6 | 200 X6 | Sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in Teesta River and damage of Teesta III Dam & downstream Powerhouses | 04-Oct-2023 |
| 2 | TEESTA STG III Hep | SIKKIM | TUL | | | | |
| 3 | TEESTA STG III Hep | SIKKIM | TUL | | | | |
| 4 | TEESTA STG III Hep | SIKKIM | TUL | | | | |
| 5 | TEESTA STG III Hep | SIKKIM | TUL | | | | |
| 6 | TEESTA STG III Hep | SIKKIM | TUL | | | | |
| 7 | TEESTA HPS | SIKKIM | NHPC | 1 to 3 | 170 X3 | Sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in Teesta River and damage of Teesta III Dam & | 04-Oct-2023 |
| 8 | TEESTA HPS | SIKKIM | NHPC | | | | |
| 9 | TEESTA HPS | SIKKIM | NHPC | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | downstream Powerhouses | |
| 10 | BURLA HPS/HIRAKUD I | ODISHA | OHPC | 7 | 37.5 | Abnormal sound from slip ring area | 18-Sep-2025 |
| 11 | CHIPLIMA HPS / HIRAKUD II | ODISHA | OHPC | 1 | 24 | Capital Overhauling | 15-Dec-2023 |
| 12 | BALIMELA HPS | ODISHA | OHPC | 5 | 60 | Repair and maintenance work | 16-Jan-2025 |
| 13 | RENGALI HPS | ODISHA | OHPC | 5 | 50 | Annual Overhauling | 01-Dec-2025 |
| 14 | BALIMELA HPS | ODISHA | OHPC | 4 | 60 | Annual maintenance | 25-Oct-2025 |
| 15 | CHIPLIMA HPS / HIRAKUD II | ODISHA | OHPC | 1 | 24 | Capital Overhauling | 15-Dec-2023 |
| 16 | SUBARNREKHA HPS | JHARKHAND | JUUNL | 1 | 65 | Damage in civil structure near penstock blocking water flow. | 20-Mar-2025 |
| 17 | SUBARNREKHA HPS | JHARKHAND | JUUNL | 2 | 65 | Damage in civil structure near penstock blocking water flow. | 20-Mar-2025 |
| 18 | RENGALI HPS | ODISHA | OHPC | 5 | 50 | Annual Overhauling | 01-Dec-2025 |
| 19 | CHIPLIMA HPS / HIRAKUD II | ODISHA | OHPC | 1 | 24 | Capital Overhauling | 15-Dec-2023 |

**4.3. Long outage report of transmission Element (MORE THAN 01 WEEK) (As on 21.12.2025):**

| Transmission Element / ICT | Outage From | Reasons for Outage |
|---|---|---|
| 220/132 KV 100 MVA ICT II AT LALMATIA | 22-01-2019 | 220/132KV, 100MVA Transformer (NTPC side) is charged on 07.02.2024 from HV side on no load. Now, it is in idle charged condition |
| 220KV-FSTPP-LALMATIA-I | 21-04-2021 | Two nos. of tower collapsed on 29.05.2024 near to Lalmatia GSS in the Loc. No. 246 & 247.<br>Presently 220 kV Farakka-Lalmatia line is charged(from loc no 241 to loc 84) at 132 kV voltage level for anti-theft purpose by tapping |

| | | |
|---|---|---|
| | | at loc. No. 100-101. |
| 132KV-BARHI-RAJGIR-1 | 25-03-2023 | Dismantling of tower no. 227, 228, and 229 crossing the premises of Mahabodhi Cultural centre along with Destringing of conductor of both circuits and Earthwire between tension tower no. 218-237 in same line. |
| 132KV-NALANDA-BARHI(DVC)-1 | 25-03-2023 | Dismantling of tower no. 227, 228, and 229 crossing the premises of Mahabodhi Cultural centre along with Destringing of conductor of both circuits and Earthwire between tension tower no. 218-237 in same line. |
| 400KV-RANGPO-TEESTA-V-1 | 04-10-2023 | Tower near gantry of Teesta V powerhouse collapsed due to sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in TEESTA river and damage of Teesta III Dam & downstream Powerhouses |
| 400KV-RANGPO-TEESTA-V-2 | 04-10-2023 | Tower near gantry of Teesta V powerhouse collapsed due to sudden cloudburst at glacier fed LOHNAK Lake followed by huge inrush of water in TEESTA river and damage of Teesta III Dam & downstream Powerhouses |
| 132KV-CHANDIL-MANIQUI-1 | 05-06-2024 | Power assistance withdrawn |
| 400KV/220KV 315 MVA ICT 1 AT NORTH KARANPURA | 12-09-2024 | Tripped on Differential protection |
| 132KV-MADHEPURA (BH)-SAHARSA(PMTL)-1 | 23-09-2024 | To control loading on 132kV Madhepura-Sahrsa line |
| 400KV/220KV 315 MVA ICT 1 AT TSTPP | 01-11-2024 | Tripped on PRD protection |
| 132KV-PATRATU-PATRATU-1 | 16-11-2024 | Diversion/Heightening of line due to inadequate clearance from under construction railway Line by PVUNL |
| 400KV/220KV 315 MVA ICT 2 AT MEJIA-B | 20-01-2025 | Tripped during charging of ICT#1 bay with cable from 220 kv GIS side |
| 400KV/220KV 315 MVA ICT 1 AT LATEHAR | 22-04-2025 | R phase LA of 400/220/33 KV ICT - I got bursted |
| 400KV/220KV 315 MVA ICT 2 AT LATEHAR | 16-04-2025 | Transformer REF protection operated |
| 400KV/220KV 315 MVA ICT 2 AT KODERMA | 02-06-2025 | Transformer Differential Protection operated |
| 132KV-RAXAUL(NEW)-PARWANIPUR-2 | 03-07-2025 | To carry out Gantry erection works at near by Parsauni 132/66/33 kV Substation of Nepal |
| 132KV-RAXAUL(NEW)-PARWANIPUR-1 | 03-07-2025 | To carry out Gantry erection works at near by Parsauni 132/66/33 kV Substation of Nepal |

| | | |
|---|---|---|
| 220KV-RAJARHAT-NEW TOWN(AA-II)-1 | 10-07-2025 | Emergency shutdown for BCU replacement work at Rajarhat. Charging attempted but tripped on SOTF. B_ph cable faulty |
| 220KV-PATNA-KHAGAUL-1 | 02-08-2025 | Tower No. 63 has bent significantly on one side |
| 400KV/220KV 315 MVA ICT 2 AT KEONJHOR(PG) | 05-08-2025 | Buchholz relay operated |
| 400KV MAIN BUS - 2 AT DIKCHU | 05-08-2025 | Bus bar protection operated |
| 400KV-DIKCHU-RANGPO-2 | 05-08-2025 | Damaged insulator replacement work. While charging the line bus bar protection operated at Dikchu |
| 400KV-ARAMBAGH-NEW PPSP-2 | 04-01-2025 | Damage in GIS chamber at new ppsp ss for Arambag ckt.Expected in January 2026 |
| 220KV-PATNA-KHAGAUL-1 | 24.09.2025 | LBB relay operated during rectification of DC grounding defect by M/S KRR at GSS khagaul. Earlier w.e.f 02-08-2025 12:06 Hrs, Tower No. 63 has bent significantly on one side |
| 220KV-CHANDAUTI (PMTL)-BODHGAYA-2 | 13.10.2025 | Emergency tree trimming work |
| 220KV-CHANDAUTI (PMTL)-BODHGAYA-1 | 13.10.2025 | Emergency tree trimming work |
| 132KV-PATRATU-PATRATU-2 | 18-10-2025 | Power support withdrawn, open from DVC end |
| 220KV-DALTONGANJ-LATEHAR(JUSNL)-2 | 23-10-2025 | To avoid overloading of 400/200 kV ICT-I at Latehar |
| 400KV/220KV 315 MVA ICT 1 AT INDRAVATI HEP | 25-10-2025 | Due to oil leakage from Tan delta test tap of R phase 400 kV Bushing |
| 220KV-BIDHANNAGAR-WARIA-1 | 29-10-2025 | To control loading of 220 kV Waria-Mejia D/C (Anti-theft charged from Waria end.) |
| 220KV-BIDHANNAGAR-WARIA-2 | 29-10-2025 | Initially line was opened to control line loading. In between B-phase CT Blast at Bidhannagar end. Now Line is charged as anti-theft from Waria end to control loading of 220 kV Waria-Mejia D/C. |
| 132KV-CHANDAULI-KARMANASA-1 | 06-11-2025 | Power assistance not required |
| HVDC 800KV ALIPURDUAR (PG) Pole 3 | 11-11-2025 | For system requirement due to lean hydro season. |
| HVDC 800KV ALIPURDUAR (PG) Pole 4 | 11-11-2025 | For system requirement due to lean hydro season. |
| 220KV-BALIMELA-UPPER SILERU-1 | 21-11-2025 | Idle charged from U. Sileru end. Power drawl by Odisha halted due to non-concurrence by Andhra Pradesh. |
| LILO of Talcher Meramundali at Angul | 21-11-2025 | Reconductoring work,400 kV Talcher-Meeramundali-2 has been made direct |

| | | |
|---|---|---|
| | | bypassing LILO part. |
| 220KV/132KV 160 MVA ICT 4 AT MALDA | 19-12-2025 | CRP Upgradation work |
| 400KV-BINAGURI-TALA-4 | 30-11-2025 | H/T ON VOLTAGE REGULATION |
| 400KV-FSTPP-KHSTPP-1 | 02-12-2025 | Reconductoring works by HTLS Conductor. |
| 220KV-BUDHIPADAR-KORBA-2 | 08-12-2025 | For erection of online tower line ckt-2(earlier ckt-3) |
| 220KV-GAYA(PG)-BODHGAYA-4 | 11-12-2025 | Bodhgaya end relay: Y_N fault, F Current 5.3 kA, F Distance 23.5 km |
| 220KV-KATAPALLI-BOLANGIR(PG)-1 | 20-12-2025 | To restrict loading of 220kV Budhipadar-Lapanga ckt-1&2 due to hotspot observed in 220kV Budhipadar-Lapanga ckt-1. |
| 400KV/220KV 315 MVA ICT 2 AT TSL KALINGANAGAR | 16-12-2025 | Emergency shutdown to attend oil leakage |

Transmission licensees/ Utilities are requested to update expected restoration date & work progress regarding restoration regularly to ERPC/ERLDC on monthly basis by 5th of each month so that status of restoration can be reviewed in OCC. Utilities are also requested to update outage of any elements within their substation premises like isolator/breaker to ERPC/ERLDC regularly. (Reported as per Clause 5.2(e) of IEGC).

**OCC Decision:**

*Members noted.*

### 4.4. Commissioning of new units and transmission elements in Eastern Grid in the month of November-2025.

The details of new units/transmission elements commissioned in the month of November-2025 based on the inputs received from beneficiaries:

| NEW ELEMENTS COMMISSIONED DURING NOVEMBER, 2025 | | | | | | | |
|---|---|---|---|---|---|---|---|
| उत्पादन इकाइयाँ / GENERATING UNITS | | | | | | | |
| Sl. No. | स्थान Location / Pooling Station | मालिक/यूनिट का नाम OWNER/UNIT NAME | यूनिट संख्या/ स्रोत Unit No/Source | संकलित क्षमता (मेगा वाट) Capacity added (MW) | कुल/स्थापित क्षमता (मेगावाट) Total/Installed Capacity (MW) | दिनांक DATE | टिप्पणी Remarks क्र |
| 1 | ACPP, | JSL(Jindal steel Limited)/ACPP | Unit-1/Coal | 525 | 525 | 03-11-2025 | This is an intrastate |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Angul, Odisha | | | | | | captive generator connected to the JSPL system, which is further interconnected to the Meramandali substation of OPTCL. |
| | | | | | | | |
| **आई.सी.टी/जी.टी/एस.टी / ICTs/ GTs / STs** | | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/ मालिक Agency/Owner** | **उप-केन्द्र SUB-STATION** | **आईसीटी संख्या ICT NO** | **वोल्टेज (केवी) Voltage Level (kV)** | **क्षमता (एमवीए) CAPACITY (MVA)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | PVUNL | PVUNL | ST-01 | 400/11 | 144 | 01-11-2025 | |
| 2 | JSL (Jindal steel Limited) | JSPL | ST-01 | 400/34.5 | 160 | 13-11-2025 | |
| 3 | | ACPP II | ST-02 | 400/11 | 80 | 25-11-2025 | |
| 4 | | JSPL | ST-03 | 400/34.5 | 230 | 21-11-2025 | |
| 5 | | JSPL | ST-03 | 400/34.5 | 160 | 25-11-2025 | |
| 6 | | JSPL | ST-02 | 400/34.5 | 160 | 11-11-2025 | |
| 7 | | ACPP II | GT-01 | 400/21 | 630 | 03-11-2025 | |
| **NIL** | | | | | | | |
| **प्रेषण लाइन / TRANSMISSION LINES** | | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/ मालिक Agen** | **लाइन का नाम LINE NAME** | | **लंबाई (किमी) Length** | **कंडक्टर प्रकार Conductor Type** | **दिनांक DATE** | **टिप्पणी Remarks** |

| | | | | | | |
|---|---|---|---|---|---|---|
| | **cy/Owner** | | **(KM)** | | | |
| **NIL** | | | | | | |
| **लिलो / प्रेषण लाइन की पुनर्व्यवस्था / LILO/RE-ARRANGEMENT OF TRANSMISSION LINES** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/ मालिक Agency/Owner** | **लाइन का नाम / लिलो पर Line Name/LILO at** | **लंबाई (किमी) Length (KM)** | **कंडक्टर प्रकार Conductor Type** | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | PGCIL+DVC | 400KV NEW RANCHI-RAGHUNATHPUR-1 | 230.76 | Quad Moose | 17-11-2025 | This circuit is formed by the 400 kV Ranchi–Raghunathpur–2 line (155 km) and the 400 kV Ranchi–New Ranchi–3 line (78.5 km), after bypassing the Ranchi substation. |
| 2 | PGCIL+DVC | 400KV NEW RANCHI-RAGHUNATHPUR-2 | 231 | Quad Moose | 17-11-2025 | This circuit is formed by the 400 kV Ranchi–Raghunathpur–3 line (155 km) and the 400 kV Ranchi–New Ranchi–4 line (78.5 km), bypassing the Ranchi substation |
| 3 | PGCIL Odisha Projects | 400 KV TSTPP–MERAMUNDALI CKT–2 (AFTER BYPASSING ANGUL SUBSTATION) | 51.608 | ACSR Moose | 20-11-2025 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | PGCIL ERTS-1 | NORMALIZATION OF 400 KV NEW PURNEA–FARAKKA CKT-1 AND NEW PURNEA–GOKARNA CKT-1 | 171.623<br><br>248.713 | Tripple ACSR<br><br>Snowbird Conductor | 22-11-2025<br><br>22-11-2025 | Normalization of the 400 kV New Purnea–Farakka and New Purnea–Gokarna lines, which are currently in service through temporary interconnection as the 400 kV Farakka–Gokarna circuit. |
| **बस/लाइन रिएक्टर / BUS/LINE REACTOR** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/ मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | PVUNL | 125 MVAR, 400 KV BUS REACTOR - 1 AT PVUNL | PVUNL | 125 | 14-11-2025 | |
| **NIL** | | | | | | |
| **बस / BUS** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/ मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| **1** | JSL(Jindal steel Limited) | 400KV MAIN BAY OF 160MVA ST-3 AT JSPL | JSPL | 400 | 25-11-2025 | |
| **2** | | 400KV MAIN BAY OF 630 MVA GT-1 AT ACPP II | JSPL | 400 | 03-11-2025 | |
| **3** | JSL(Jindal steel Limite | BAY NO-408 AT ACPP-II | ACPP | 400 | 05-11-2025 | |
| **4** | | BAY NO-409 AT ACPP-II | ACPP | 400 | 05-11-2025 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **5** | d) | 400 KV MAIN BAY OF 160MVA ST-1 AT JSPL | JSPL | 400 | 13-11-2025 | |
| **6** | | 400KV MAIN BAY OF 160MVA ST-1 AT JSPL | JSPL | 400 | 13-11-2025 | |
| **7** | | 400KV MAIN BAY OF 160MVA ST-2 AT JSPL | JSPL | 400 | 11-11-2025 | |
| **8** | | 400KV MAIN BAY OF 160MVA ST-4 AT JSPL | JSPL | 400 | 06-11-2025 | |
| **9** | PVUNL | 400KV MAIN BAY OF 125MVAR B/R-1 AT PVUNL | PVUNL | 400 | 14-11-2025 | |
| **10** | PVUNL | 400KV TIE BAY OF 125MVAR B/R-1 AND 125MVAR B/R-2 AT PVUNL | PVUNL | 400 | 14-11-2025 | |

**NIL**

**एच.वी.डी.सी/ए.सी फिल्टर बैंक/फैक्ट्स डिवाइस संबद्ध प्रणाली / HVDC /AC Filter bank / FACTS DEVICE associated System**

| **क्र. Sl. No.** | **एजेंसी/ मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
|---|---|---|---|---|---|---|

**NIL**

| **NEW ELEMENTS COMMISSIONED DURING September, 2025** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **उत्पादन इकाइयाँ / GENERATING UNITS** | | | | | | | |
| **. Sl. No.** | **स्थान Location / Pooling Station** | **मालिक/यूनिट का नाम OWNER/UNIT NAME** | **यूनिट संख्या/ स्रोत Unit No/ Source** | **संकलित क्षमता (मेगावाट) Capacity added (MW)** | **कुल/स्थापित क्षमता (मेगावाट) Total/Installed Capacity (MW)** | **दिनांक DATE** | **टिप्पणी Remarks क्र** |

| NIL | | | | | | | |
|---|---|---|---|---|---|---|---|
| **आई.सी.टी/जी.टी/एस.टी / ICTs/ GTs / STs** | | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **उप-केन्द्र SUB-STATION** | **आईसीटी संख्या ICT NO** | **वोल्टेज (केवी) Voltage Level (kV)** | **क्षमता (एमवीए) CAPACITY (MVA)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| **1.** | JSL (Jindal steel Limited) (Intra-state Generator under Odisha) | ACPP II | ST 1 | 400/ 11kV | 80 | 25-10-2025 18:55 | The Angul Captive Power Plant (ACPP II- 2×525 MW), consisting of two generating units of 525 MW each, is a captive power generating station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation. |
| **प्रेषण लाइन / TRANSMISSION LINES** | | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **लाइन का नाम LINE NAME** | **लंबाई (किमी) Length (KM)** | **कंडक्टर प्रकार Conductor Type** | | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | JSL (Jindal steel Limited) | 400KV-JSPL-ACPP II-1 | 4.7 | Twin ACSR Moose | | 25-10-2025 14:15 | |
| 2 | JSL(Jindal | 400KV-JSPL-ACPP II- | 4.7 | Twin ACSR | | 25-10- | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | steel Limited) | 2 | | Moose | 2025 17:09 | |
| **लिलो / प्रेषण लाइन की पुनर्व्यवस्था / LILO/RE-ARRANGEMENT OF TRANSMISSION LINES** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **लाइन का नाम / लिलो पर Line Name/LILO at** | **लंबाई (किमी) Length (KM)** | **कंडक्टर प्रकार Conductor Type** | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | PGCIL ER-I | 400KV-FSTPP-GOKARNA (N Purnea bypass) | 299.5 | Snow Birds | 02-10-2025 14:17 | Temporary arrangement of 400 kV New Purnea - Farakka & 400 kV New Purnea-Gokarna line after bypassing New Purnea through jumpering at Tower No. - 1063 |
| **बस/लाइन रिएक्टर / BUS/LINE REACTOR** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| **NIL** | | | | | | |
| **बस / BUS** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| 1 | JSL(Jindal steel Limited) | ACPP II - 400KV - Bus 1 | ACPP II | 400 | 30-10-2025 04:57 | The Angul Captive Power Plant (ACPP II-2×525 MW), consisting of two generating |
| 2 | JSL(Jindal steel Limited) | ACPP II - 400KV - Bus 2 | ACPP II | 400 | 30-10-2025 04:58 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | units of 525 MW each, is a captive power generating station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation. |
| **एच.वी.डी.सी/ए.सी फिल्टर बैंक/फैक्ट्स डिवाइस संबद्ध प्रणाली / HVDC /AC Filter bank / FACTS DEVICE associated System** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| **NIL** | | | | | | |
| **बे / BAYS** | | | | | | |
| **क्र. Sl. No.** | **एजेंसी/मालिक Agency/Owner** | **एलेमेंट का नाम Element Name** | **उप-केन्द्र SUB-STATION** | **वोल्टेज (केवी) Voltage Level (kV)** | **दिनांक DATE** | **टिप्पणी Remarks** |
| **1** | Limited JSL(Jindal steel) | 400KV MAIN BAY OF JSPL-2 AT ACPP II | ACPP II | 400 | 25-10-2025 17:09 | The Angul Captive Power Plant (ACPP II-2×525 MW), consisting of two generating units of 525 MW each, is a captive power generating |
| **2** | JSL(Jindal steel Limited) | 400KV MAIN BAY OF JSPL-1 AT ACPP II | ACPP II | 400 | 25-10-2025 15:22 | |
| **3** | JSL(Jindal steel Limited) | 400KV MAIN BAY OF ACPP II-2 AT JSPL | JSPL | 400 | 26-10-2025 14:57 | |
| **4** | JSL(Jindal | 400KV MAIN BAY OF | JSPL | 400 | 26-10- | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | steel Limited) | ACPP II-1 AT JSPL | | | 2025 14:13 | station located at Angul. It is connected to the JSPL system, which is further interconnected with the 400 kV Meeramandali substation. |
| 5 | JSL(Jindal steel Limited) | 400KV BUS SECTIONALIZER BAY OF ( MAIN BUS - 2 AND EXTENDED GIS MAIN BUS - 2) AT JSPL | JSPL | 400 | 25-10-2025 16:26 | |
| 6 | JSL(Jindal steel Limited) | 400KV BUS SECTIONALIZER BAY OF ( MAIN BUS - 1 AND EXTENDED GIS MAIN BUS - 1) AT JSPL | JSPL | 400 | 25-10-2025 12:39 | |

Members may note.

**Deliberations in the meeting**

*Members noted.*

### 4.5. UFR operation during the month of November 2025

Frequency profile for the month as follows:

| MONTH | MAX (DATE/TIME) | MIN (DATE/TIME) | % LESS IEGC BAND | % WITHIN IEGC BAND | % MORE IEGC BAND |
|---|---|---|---|---|---|
| **November 2025** | 50.4 Hz on 28-11-25 at 06:02 Hrs. | 49.54 Hz on 21-11-25 at 17:22 Hrs. | 5.7 | 79.4 | 14.9 |

Hence, no report of operation of UFR has been received from any of the constituents.

Members may note.

**Deliberations in the meeting**

*Members noted.*

The meeting ended with a vote of thanks to the chair.

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# Annex A

## Participants in 234th OCC Meeting

**Venue: ERPC Conference Hall, Kolkata** **Time: 10:30 Hrs.** **Date: 23.12.2025 (Tuesday)**

| Sl. | Name | Designation | Organisation | Contact No. | E-mail Id | Signature |
|---|---|---|---|---|---|---|
| 1 | N S Mondal | Member Secretary | ERPC | 9958389967 | mserpc-power@nic.in | |
| 2 | R Sutradhar | Executive Director | ERLDC | 9436302714 | rajibsutradhar@grid-india.in | |
| 3 | S. KEJRIWAL | SE | ERPC | 9831919509 | shyam.kejriwal@gov.in | |
| 4 | Suvajit Banerjee | ED | ERLDC | 9433048823 | suvajit.banerjee@grid-india.in | |
| 5 | S Chakraborty | CGM | " | 9433838569 | sdde@grid-india.in | |
| 6 | D. BISWAS | GM | ERLDC | 9434740841 | dbiswas@grid-india.in | |
| 7 | Bilash Achari | DGM | ERLDC | 7003472016 | bilash.achari@grid-india.in | |
| 8 | MANAS DAS | DGM | ERLDC, GRID-INDIA | 9007070925 | manasdas@grid-india.in | |
| 9 | CHANDAN MALLICK | CM | ERLDC, GRID-INDIA | 9007059660 | chandan.mallick@grid-india.in | |
| 10 | ARNAB BASU | DE(E) | SLDC, WBSETCL | 9434910978 | arnab.basu@wbsetcl.in | |
| 11 | UTSAB ADITYA | SE(E) | SLDC, WBSETCL | 9434910880 | Utsabaditya@gmail.com | |
| 12 | SHOUVIK BANERJEE | CE, SLDC, WB | SLDC, WBSETCL | 9434910379 | svkbanerjee@yahoo.com | |
| 13 | SANJIB ROY | ACE, SLDC WB | SLDC WBSETCL | 9331905657 | sanjiboy12235@gmail.com | |
| 14 | Joydeep Sengupta | ACE, CPD | WBSETCL | 9474910547 | cecpdwbsetcl@gmail.com | |
| 15 | Rajat Kr. Koley | SM(OS) | WBPDCL | 9474860642 | rk.koley@wbpdcl.co.in | |

## Participants in 234th OCC Meeting

**Venue: ERPC Conference Hall, Kolkata** **Time: 10:30 Hrs.** **Date: 23.12.2025 (Tuesday)**

| Sl. | Name | Designation | Organisation | Contact No. | E-mail Id | Signature |
|---|---|---|---|---|---|---|
| 16 | MANOJ PODDER | AGM (OS) | WBPDCL | 8336904077 | mpodder@wbpdcl.co.in | |
| 17 | KOUSHIK BANERJEE | GM(SO-EM) | CESC LIMITED | 9831003281 | koushik.banerjee@rpsg.in | 23/12/25 |
| 18 | DEBARSHI DE | DGM (EC) | CESC LTD | 9230521123 | debarshi.de@rpsg.in | 23/12/25 |
| 19 | DINESH LAHA | GM | INDIGRID | 8918720645 | dinesh.laha@indigrid.com | 23-12-25 |
| 20 | Diptikanta Panda | Manager | GMR, Odisha | 8114918762 | diptikanta.panda@gmrgroup.in | D.K. Panda |
| 21 | P.V. RAUT | AGM (OPN) | MPL | 9223501513 | rautpv@tatapower.com | RR |
| 22 | Gagan Kumar | EE SLDC Bihar | SLDC, BSPTCL | 7992486100 | gagankmishra@gmail.com | |
| 23 | Partha Ghosh | DGM | ER-II | 9434746263 | partha.ghosh@powergrid.in | |
| 24 | TUNESHWAR KUMAR | SM | JUSNL | 9431190306 | tuneshwarkumar@gmail.com | |
| 25 | Raju Kachhap | Sr. Manager | SLDC, Ranchi JUSNL | 7783087568 | rajmailme82@gmail.com | |
| 26 | S.K. Sharma | Sr. GM & HOD. | DVC, LDC. | 9434539423. | Sanjay.sharma@dvc.gov.in | |
| 27 | S.K. Panda. | manager. | DVC, LDC. | 6370134794. | santoshr.panda@dvc.gov.in. | S.K. Panda. |
| 28 | Arshad Jalani | DGM | NTPC | 9650997632 | arshadjilani@ntpc.co.in | |
| 29 | P P Jena | EE | ERPC | 9776198991 | ppjena.erpc@gov.in | |
| 30 | Manjunatha M | EC | — | 9972225412 | | |

## Participants in 234th OCC Meeting

**Venue: ERPC Conference Hall, Kolkata** **Time: 10:30 Hrs.** **Date: 23.12.2025 (Tuesday)**

| Sl. | Name | Designation | Organisation | Contact No. | E-mail Id | Signature |
|---|---|---|---|---|---|---|
| 31 | Agniva Chatterjee | AD-I | ERPC | | | |
| 32 | B S Ray | Dy. DIR | ERPC | | | |
| 33 | A. Dey | " | ERPC | | | |
| 34 | P.K.De | SE | ERPC | | | |
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| 41 | | | | | | |
| 42 | | | | | | |
| 43 | | | | | | |
| 44 | | | | | | |
| 45 | | | | | | |

**Participants who joined online**

| List of Participants | | | | |
|---|---|---|---|---|
| **Name** | **First Join** | **Last Leave** | **In-Meeting Duration** | **Email** |
| ERPC Kolkata | 12/23/25, 10:22:00 AM | 12/23/25, 2:09:14 PM | 3h 34m 15s | ERPC@KolkataMST.onmicrosoft.com |
| Birendra Kumar | 12/23/25, 10:32:38 AM | 12/23/25, 1:53:18 PM | 3h 20m 39s | |
| Prasanna Kumar Sahoo (External) | 12/23/25, 10:32:39 AM | 12/23/25, 1:46:09 PM | 3h 13m 30s | PRASANNASAHOO@NTPC.CO.IN |
| THEP (Unverified) | 12/23/25, 10:32:39 AM | 12/23/25, 10:36:15 AM | 3m 35s | |
| Rahul Srivastava (External) | 12/23/25, 10:32:39 AM | 12/23/25, 2:09:14 PM | 3h 36m 34s | rahul.sr@greenkogroup.com |
| SLDC ODISHA (Unverified) | 12/23/25, 10:32:39 AM | 12/23/25, 2:09:14 PM | 3h 36m 34s | |
| DANS ENERGY, SIKKIM (Unverified) | 12/23/25, 10:32:39 AM | 12/23/25, 11:14:49 AM | 42m 9s | |
| Satyadeep Rai | 12/23/25, 10:32:39 AM | 12/23/25, 11:48:53 AM | 1h 16m 13s | |
| Surya Pratap Rath, AGM OPTCL (Unverified) | 12/23/25, 10:32:40 AM | 12/23/25, 2:09:10 PM | 3h 36m 30s | |
| Nishant Kumar Shankwar | 12/23/25, 10:32:40 AM | 12/23/25, 2:09:14 PM | 3h 36m 33s | Nishant.Kumar@energy-sel.com |
| Shabari Pramanick (External) | 12/23/25, 10:32:40 AM | 12/23/25, 2:06:10 PM | 3h 33m 29s | shabari.pramanick@erldc.onmicrosoft.com |
| PRATHAM KUMAR (Unverified) | 12/23/25, 10:32:40 AM | 12/23/25, 2:09:14 PM | 3h 36m 33s | |
| Amit (Unverified) | 12/23/25, 10:32:40 AM | 12/23/25, 2:09:14 PM | 3h 36m 33s | |
| Sangram Keshari Bhoi {संग्राम केशरी भोई} (Ext | 12/23/25, 10:32:40 AM | 12/23/25, 1:19:57 PM | 2h 35m 57s | sangramkbhoi@powergrid.in |
| Abhilash Gour (External) | 12/23/25, 10:32:41 AM | 12/23/25, 2:01:46 PM | 3h 29m 5s | abhilash.gour@dansenergy1.onmicrosoft.com |
| AVINASH SHUKLA (External) | 12/23/25, 10:32:54 AM | 12/23/25, 2:06:10 PM | 3h 30m 56s | AVINASHSHUKLA@NTPC.CO.IN |
| Bimal (Unverified) | 12/23/25, 10:33:18 AM | 12/23/25, 2:09:14 PM | 3h 35m 55s | |

# List of Participants

| Name | First Join | Last Leave | In-Meeting Duration | Email |
|---|---|---|---|---|
| Bans Narain Yadav (External) | 12/23/25, 10:33:22 AM | 12/23/25, 1:41:15 PM | 3h 7m 52s | BNYADAV01@NTPC.CO.IN |
| Sudhir Kumar Meher {सुधीर कुमार मेहर} (Exter | 12/23/25, 10:33:24 AM | 12/23/25, 12:49:53 PM | 2h 16m 28s | sudhirko.meher@powergrid.in |
| Nisar Husain | 12/23/25, 10:38:17 AM | 12/23/25, 11:44:14 AM | 1h 4m 55s | |
| Rongnichu HEP (Unverified) | 12/23/25, 10:38:18 AM | 12/23/25, 2:09:14 PM | 3h 30m 55s | |
| Pintu R Das STPL (Unverified) | 12/23/25, 10:40:09 AM | 12/23/25, 2:01:41 PM | 3h 16m 41s | |
| RAMESHCHAND YADAV (External) | 12/23/25, 10:48:04 AM | 12/23/25, 2:09:14 PM | 3h 21m 9s | RCYADAV@NTPC.CO.IN |
| Sudeep Kumar {सुदीप कुमार} (External) | 12/23/25, 10:59:06 AM | 12/23/25, 2:09:14 PM | 3h 10m 7s | sudeepkumar@powergrid.in |
| Laldhari Kumar (External) | 12/23/25, 10:59:59 AM | 12/23/25, 1:54:47 PM | 2h 54m 48s | laldhari@erldc.onmicrosoft.com |
| Prabhat Kumar (External) | 12/23/25, 11:00:38 AM | 12/23/25, 12:51:37 PM | 1h 50m 59s | prabhat.k@greenkogroup.com |
| Shukla Brajesh (External) | 12/23/25, 11:00:41 AM | 12/23/25, 2:06:46 PM | 3h 6m 4s | brajesh.shukla@tatapower.com |
| RAKESH (External) | 12/23/25, 11:10:12 AM | 12/23/25, 2:09:14 PM | 2h 59m 1s | RAKESHKUMAR07@NTPC.CO.IN |
| MUKESH KUMAR (External) | 12/23/25, 11:12:07 AM | 12/23/25, 11:12:56 AM | 49s | MUKESHKUMAR51@NTPC.CO.IN |
| Rahul Anand (External) | 12/23/25, 11:12:53 AM | 12/23/25, 2:07:21 PM | 2h 54m 28s | RAHULANAND@NTPC.CO.IN |
| Anand Kr. Prajapati (External) | 12/23/25, 11:14:10 AM | 12/23/25, 12:00:01 PM | 44m | AKPRAJAPATI@NTPC.CO.IN |
| DANS ENERGY, SIKKIM (Unverified) | 12/23/25, 11:17:48 AM | 12/23/25, 11:49:08 AM | 31m 20s | |
| Ch Eswara Rao {सीएच. ईश्वर राव} (External) | 12/23/25, 11:18:35 AM | 12/23/25, 1:29:25 PM | 2h 10m 50s | eswar@powergrid.in |
| Kothamasu (External) | 12/23/25, 11:28:55 AM | 12/23/25, 1:21:08 PM | 1h 52m 13s | SURESHKUMARK@NTPC.CO.IN |

# List of Participants

| Name | First Join | Last Leave | In-Meeting Duration | Email |
|---|---|---|---|---|
| Prasenjit Halder (External) | 12/23/25, 11:30:01 AM | 12/23/25, 2:09:14 PM | 2h 39m 12s | HALDERPRASENJIT@NTPC.CO.IN |
| prahlada bhola (Unverified) | 12/23/25, 11:36:01 AM | 12/23/25, 11:58:34 AM | 22m 32s | |
| K K Prusti {के.के.} (External) | 12/23/25, 11:37:04 AM | 12/23/25, 12:48:33 PM | 1h 11m 29s | kkp@powergrid.in |
| Pranav Rathore (External) | 12/23/25, 11:37:27 AM | 12/23/25, 2:09:14 PM | 2h 31m 46s | pranav.rathore@indigrid.com |
| Alok Pratap Singh (External) | 12/23/25, 11:41:43 AM | 12/23/25, 11:52:00 AM | 10m 16s | apsingh@erldc.onmicrosoft.com |
| SUMEET NARANG (External) | 12/23/25, 11:52:27 AM | 12/23/25, 2:00:21 PM | 2h 7m 54s | SUMEETNARANG@NTPC.CO.IN |
| Gaurav Kumar (External) | 12/23/25, 1:02:56 PM | 12/23/25, 1:38:00 PM | 35m 4s | gakumar@erldc.onmicrosoft.com |
| Sourav Mandal (Unverified) | 12/23/25, 1:02:56 PM | 12/23/25, 2:09:14 PM | 1h 6m 17s | |
| Rakesh Kr Pradhan (External) | 12/23/25, 1:04:17 PM | 12/23/25, 2:09:14 PM | 1h 4m 56s | rkpradhan@erldc.onmicrosoft.com |
| shabari pramanick | 12/23/25, 1:40:47 PM | 12/23/25, 1:55:04 PM | 14m 17s | |
| Debadatta Padhy {देवदत्त पाढी} (External) | | 12/23/25, 2:09:14 PM | 3h 36m 33s | debdatta.padhy@powergrid.in |
| Mahendra Malik | | 12/23/25, 1:23:32 PM | 6s | mahendra.malik@jsw.in |